資料－５

# 再評価に係る資料
# 【河川関係】

平成24年10月31日
河　　川　　部

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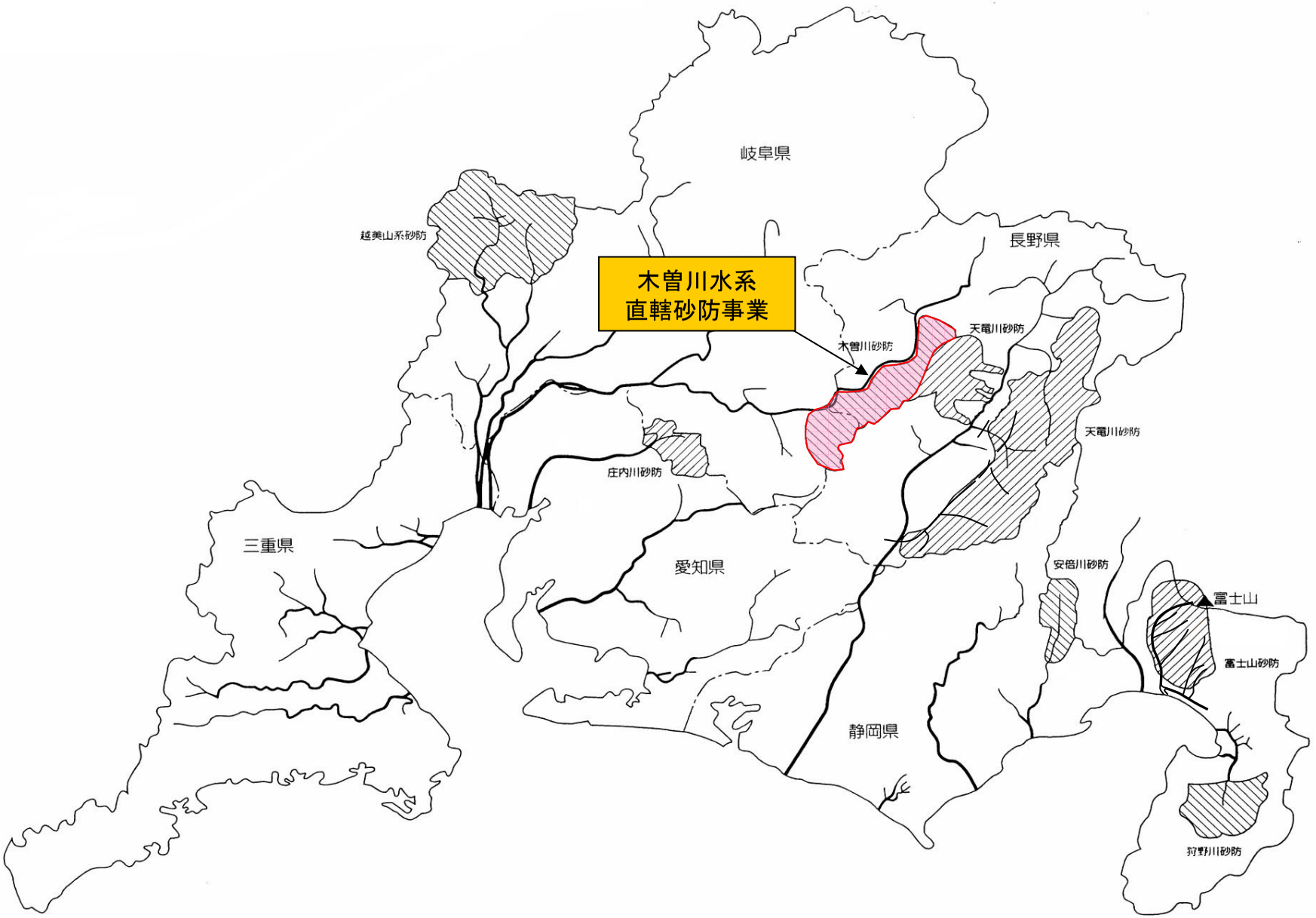
# 中部地方整備局　河川事業

# 砂防事業再評価対象水系位置図



# 天竜川直轄河川改修事業 様式集

業務カルテ

[様式-1]　天竜川直轄管理区間における氾濫ブロック

[様式-2]　資産データ

[様式-3]　被害額　（整備計画実施前河道）
被害額　（現況河道）
被害額　（整備計画実施後河道）
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[様式-4]　年平均被害軽減期待額　（全体事業）
年平均被害軽減期待額　（残事業）
年平均被害軽減期待額　（当面の段階的な整備）【参考】

[様式-5]　費用対効果　（全体事業）
費用対効果　（全体事業・感度分析）
費用対効果　（残事業）
費用対効果　（残事業・感度分析）
費用対効果　（当面の段階的な整備）【参考】

事業費の内訳書　（全体事業費）
事業費の内訳書　（残事業費）
事業費の内訳書　（当面の段階的な整備）【参考】

事業費の内訳書　（全体維持管理費）
事業費の内訳書　（残事業維持管理費）
事業費の内訳書　（当面の段階的な整備維持管理費）【参考】

平成24年10月31日
国土交通省中部地方整備局
浜松河川国道事務所
天竜川上流河川事務所

| | | | | | |
|---|---|---|---|---|---|
| 事業名（箇所名） | 天竜川直轄河川改修事業 | 担当課<br>担当課長名 | | 事業主体 | 中部地方整備局 |
| 実施箇所 | 静岡県浜松市、磐田市<br>長野県伊那市、駒ヶ根市、飯田市、辰野町、箕輪町、飯島町、松川町、高森町、南箕輪村、宮田村、中川村、喬木村、豊丘村 | | | | |
| 該当基準 | 再評価実施後一定期間（3年間）が経過している事業 | | | | |
| 事業諸元 | 河道掘削、樹木伐開、堤防整備、浸透対策、扇頂部対策、急流対策 | | | | |
| 事業期間 | 事業着手：平成18年度 ／ 事業完了：平成50年度 | | | | |
| 総事業費（億円） | 約686 | 残事業費（億円） | 約471 | | |

**目的・必要性**

〈解決すべき課題・背景〉
昭和43年8月の台風10号や平成18年7月の梅雨前線等、梅雨前線や台風に起因する洪水が多く堤防の決壊や河岸侵食による被害などが発生している。

〈達成すべき目標〉
戦後最大規模相当となる昭和58年9月洪水、平成18年7月洪水と同規模の洪水が発生しても、洪水を安全に流下させる。
・水位低下対策
・堤防強化
・危機管理対策

〈政策体系上の位置づけ〉
・政策目標：水害等災害による被害の軽減
・施策目標：水害・土砂災害の防止・減災を推進する

**便益の主な根拠**

年平均浸水軽減戸数：11,326戸
年平均浸水軽減面積：1,263ha

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 事業全体の投資効率性 | 基準年度 | 平成24年度 | | | | | | | | |
| | B:総便益（億円） | 28,096 | C:総費用(億円) | 768 | B/C | 36.6 | B-C | 27,328 | EIRR（%） | 89.1 |
| 残事業の投資効率 | B:総便益（億円） | 8,623 | C:総費用(億円) | 377 | B/C | 22.9 | | | | |

**感度分析**

| | 残事業（B／C） | 全体事業（B／C） |
|---|---|---|
| 残事業費（+10%～-10%） | 21.3 ～ 24.7 | 35.3 ～ 37.9 |
| 残工期（+10%～-10%） | 22.5 ～ 23.2 | 35.9 ～ 37.2 |
| 資産額（-10%～+10%） | 20.7 ～ 25.1 | 33.0 ～ 40.1 |

当面の段階的な整備（H25～H33）：B/C＝ 24.0

**事業の効果等**

河川整備計画の目標規模の大雨（戦後最大規模相当）が降ったことにより想定される氾濫被害は、浸水面積約1万4千ha、浸水人口約33万人、浸水家屋数12万世帯であり、整備を実施することで氾濫被害が概ね解消される。

**社会経済情勢等の変化**

沿川市町村の人口は近年横ばいの傾向である。
天竜川の流域には、国道1号、東名高速道路、新東名高速道路、中央自動車道、JR東海道新幹線等、日本の経済産業の根幹をなす主要な交通が集中している他、平成23年6月には、この地域を通過するリニア中央新幹線の事業実施想定区域が示されるなど 、交通の要衝となっている。
上流域では諏訪湖・伊那市周辺に精密機械や電気等製造業の工業団地が形成され、国内有数の企業が立地する。下流域では浜松市を中心に、軽四輪自動車やピアノ等、我が国を代表するものづくり地域となっていることから、社会、経済を支える重要な河川となっている。

**事業の進捗状況**

前回評価（河川整備計画策定時）以降、水位低下（樹木伐開・河道掘削）や堤防強化（堤防整備・浸透対策・扇頂部対策・急流対策）を実施しており、河川改修事業の進捗率は、事業費ベースで約22%程度となっている。

**事業の進捗の見込み**

・流下能力が不足している河口部（浜松市・磐田市）の河道掘削を実施するとともに、モニタリングを行う。
・流下能力が不足している鵜流峡（飯田市松尾・下久堅地区）の河道掘削は、模型実験等による掘削形状等の詳細な検討のうえ、景観・環境に配慮しつつ、関係機関等と十分に調整して実施する。
・堤防が決壊した場合に下流への甚大な被害が想定される扇頂部（浜松市・磐田市）に対し、扇頂部対策として堅固な護岸や浸透破壊防止対策などの堤防強化を実施する。
・河床洗掘や侵食を防止するための急流対策（伊那市～飯田市・喬木村）を実施する。

**コスト縮減や代替案立案等の可能性**

【コスト縮減】
・河道掘削残土を遠州灘海岸の養浜材として利用することにより、コスト縮減した。（約5億円）
・再利用可能な根固めブロックを再利用することにより、コストを縮減した。（約 3億円）
・プレキャスト基礎の中詰めに現場発生のCo塊を利用し、コストを縮減した。（約 1億円）
・河道掘削工事の発生土を養浜材、現場内での築堤・高水敷整備の盛土材として利用することや、新技術の採用によりコストの縮減に努める。
【代替案立案】
河川整備計画は、策定時点の流域における社会経済状況、自然環境の状況、河道状況を踏まえて策定し たものである。河川整備計画策定以降、流域における社会経済状況が大きく変化していない

**対応方針**

継続

**対応方針理由**

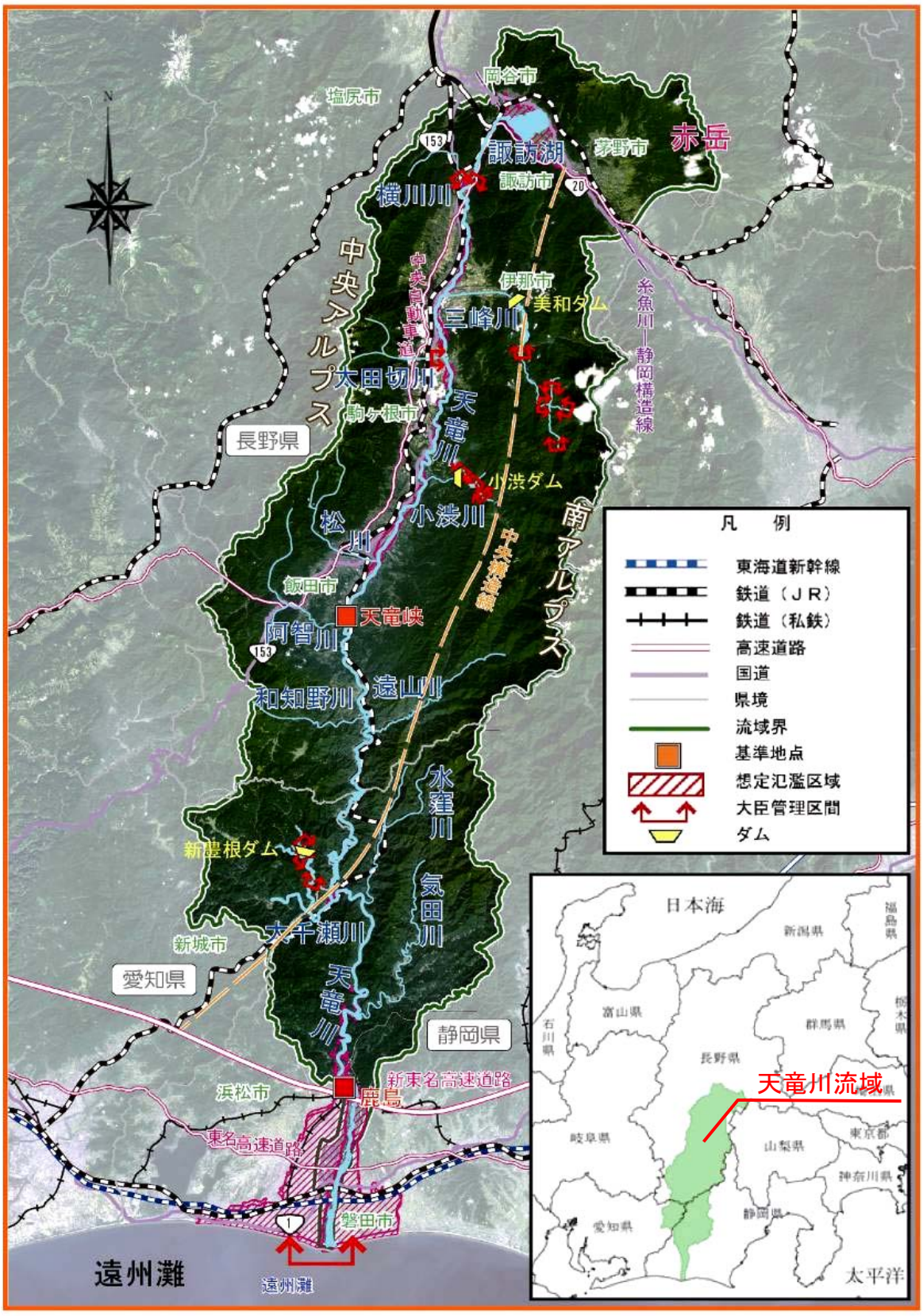
事業の効果、事業進捗の見込み、コスト縮減、代替案の立案の可能性等から判断。

**その他**

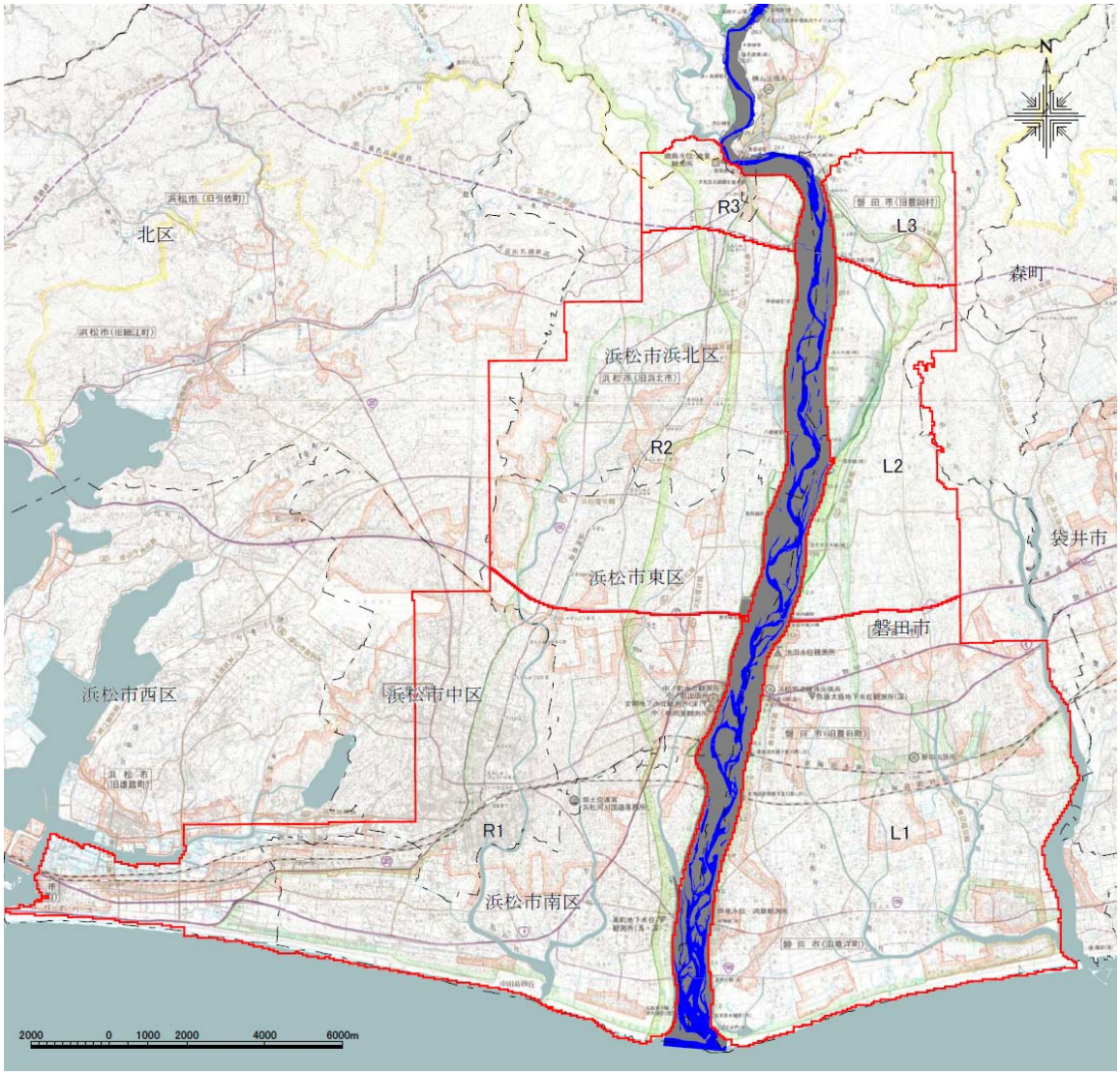
＜静岡県の意見・反映内容＞
本県における天竜川の流域では、新東名高速道路、東名高速道路、国道1号、JR東海道新幹線等、日本の経済産業の根幹をなす主要な交通が集中するとともに、下流域では浜松市を中心に、軽四輪自動車やピアノ等、我が国を代表するものづくり地域を有している。本事業は、この天竜川流域の洪水被害を軽減し、県民の生命と財産を守り、安全で快適な生活環境の確保増進を図るために本県にとって大変重要な事業です。
今後も引き続き、河道掘削工事の発生土を県が行う海岸事業と連携し養浜材として利用するなどのコスト縮減を徹底するとともに、効果が十分に発現されるよう事業の推進をお願いします。
また、各年度の事業実施に当たっては、引き続き県と十分な調整をお願いします。

＜長野県の意見・反映内容＞
本事業に関する国の対応方針（原案）については、異存ありません。
なお、当該事業の実施にあたっては、引き続きコスト縮減に努め、効果が早期に発現されるよう、事業の着実な推進をお願いします。

# 概要図（位置図）

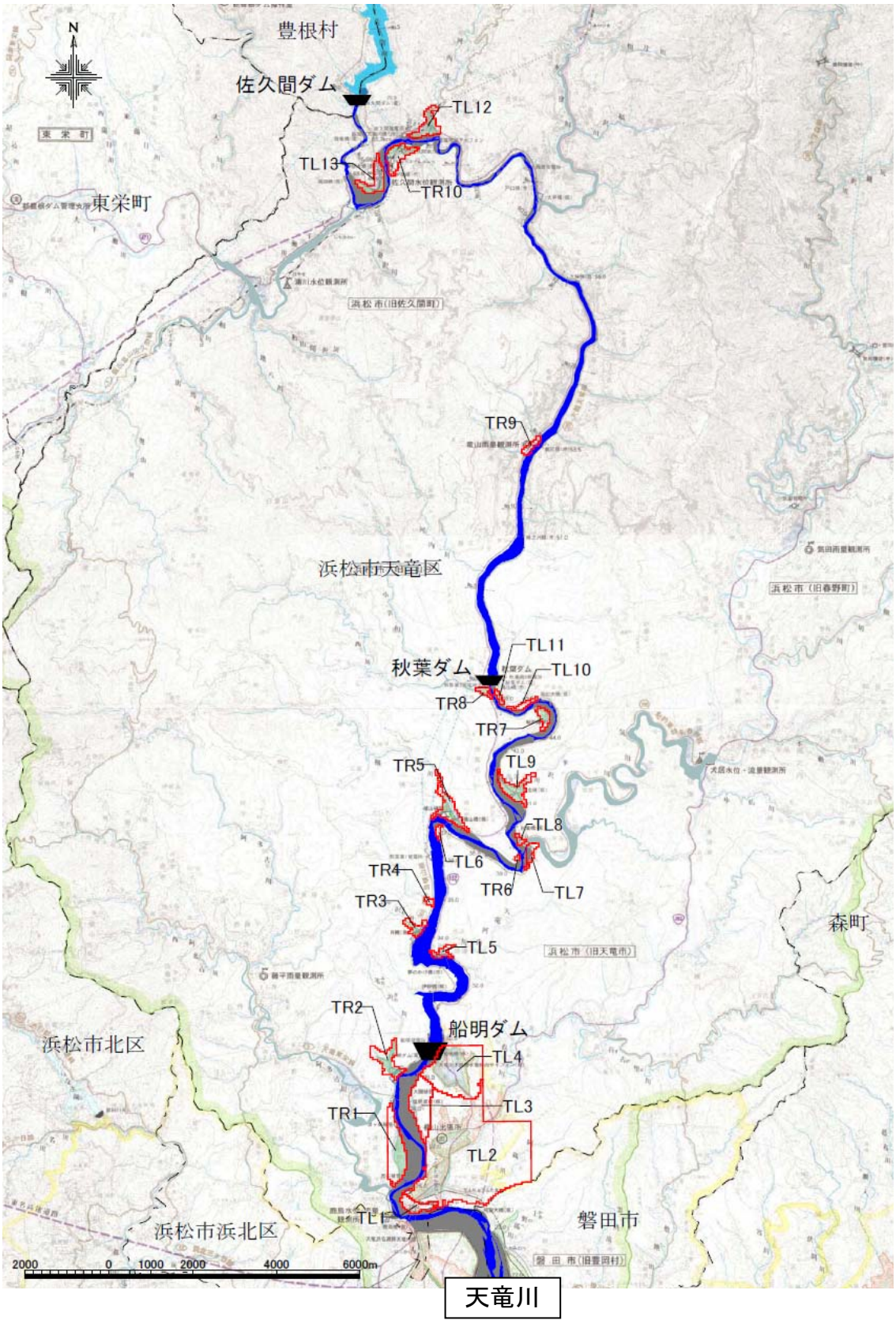

岡谷市
塩尻市
諏訪湖
諏訪市
茅野市
赤岳
横川川
中央アルプス
伊那市
美和ダム
三峰川
糸魚川－静岡構造線
太田切川
駒ヶ根市
長野県
天竜川
小渋ダム
小渋川
松川
南アルプス
飯田市
天竜峡
阿智川
和知野川
遠山川
水窪川
新豊根ダム
気田川
新城市
大千瀬川
愛知県
天竜川
静岡県
浜松市
鹿島
新東名高速道路
東名高速道路
磐田市
遠州灘
凡　例
東海道新幹線
鉄道（ＪＲ）
鉄道（私鉄）
高速道路
国道
県境
流域界
基準地点
想定氾濫区域
大臣管理区間
ダム
日本海
新潟県
福島県
富山県
石川県
群馬県
栃木県
長野県
天竜川流域
岐阜県
山梨県
東京都
神奈川県
静岡県
愛知県
太平洋

○氾濫ブロック分割（鹿島下流）

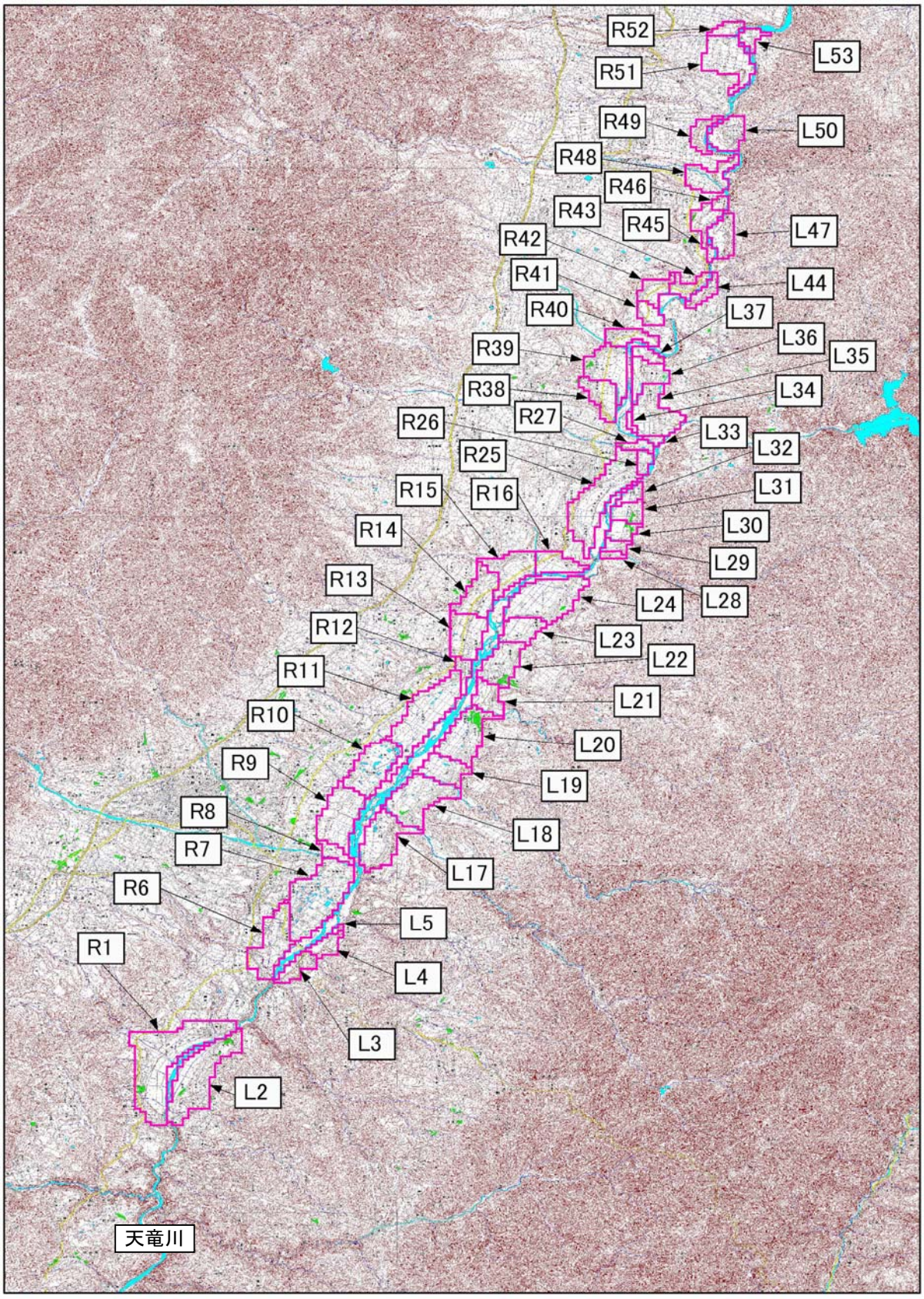



天竜川

○氾濫ブロック分割（鹿島上流）

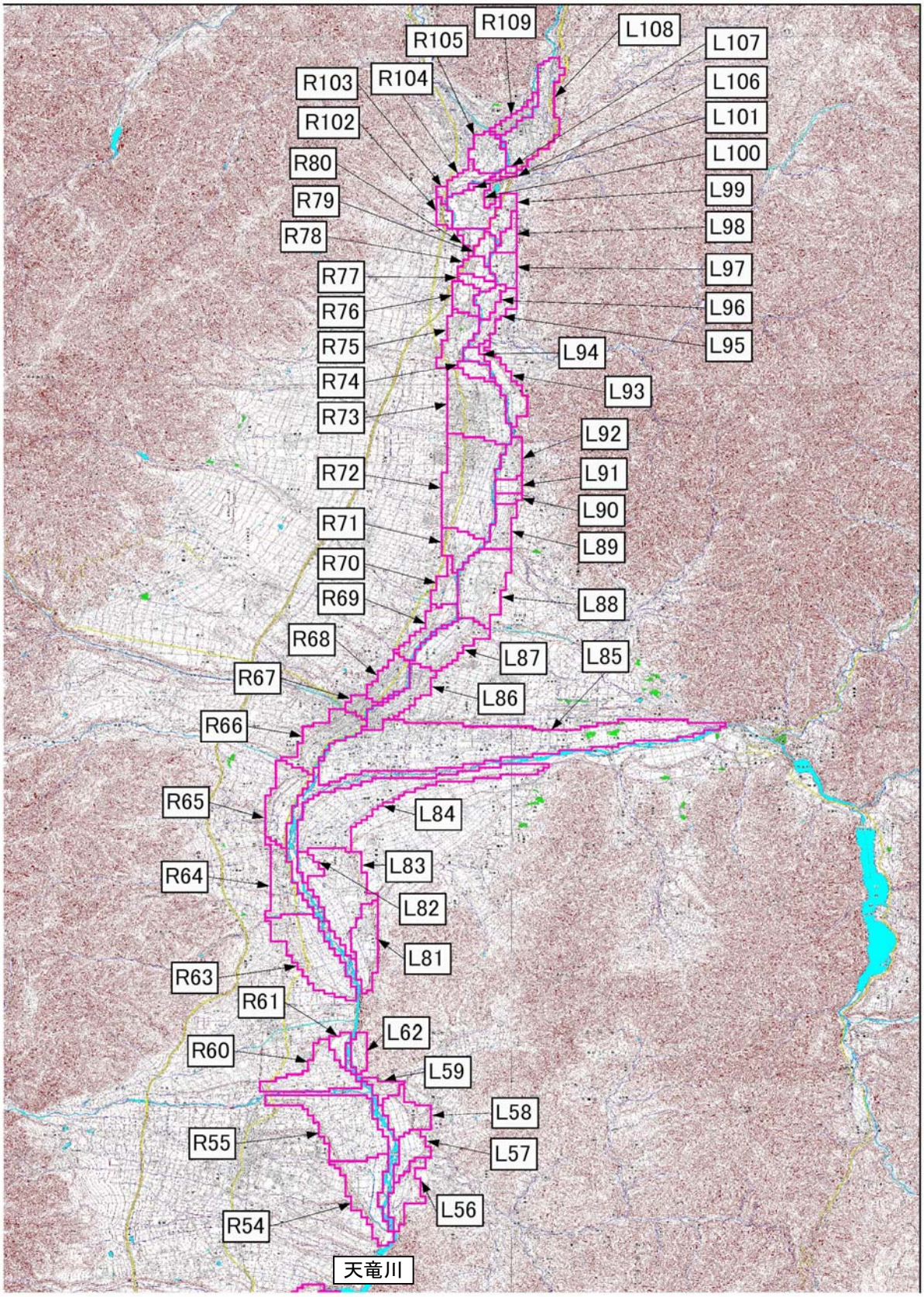


様式－1　ブロック分割図　：上流①




＜ブロック分割の考え方＞
「治水経済調査マニュアル（案）H17.4」に基づき、以下を基準に氾濫ブロックを設定した。
①氾濫原を分断する連続盛土構造物である道路
②対象河道の左右岸

様式－1　ブロック分割図　：上流②




＜ブロック分割の考え方＞
「治水経済調査マニュアル（案）H17.4」に基づき、以下を基準に氾濫ブロックを設定した。
①氾濫原を分断する連続盛土構造物である道路
②対象河道の左右岸

様式－2　　資産データ　　河川名：天竜川下流(鹿島下流)　　国勢調査年：平成17年度　　事務所統計調査年：平成18年度

| 氾濫ブロック | ブロック面積（ha） | 一般資産等基礎数量 | | | | | | | | | | | | | | | | | 一般資産額（百万円） | | | | | | | 農作物資産（百万円） | | | 一般資産額等合計（百万円） | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 人口（人） | 世帯数（世帯） | 従業者数（産業分類別） | | | | | | | | | | 農漁家数（戸） | 延床面積（ha） | 水田面積（ha） | 畑面積（ha） | 農地面積（ha） | 家屋 | 家庭用品 | 事務所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | |
| | | | | 鉱業 | 建設業 | 製造業 | 電気・ガス・水道・熱供給業 | 運輸・通信業 | 卸売業・小売業 | 金融・保険業 | 不動産業 | サービス業 | 公務 | 小計 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | |
| R1 | 10,256 | 357,381 | 136,238 | 13 | 12,856 | 49,326 | 782 | 13,195 | 46,936 | 5,439 | 3,024 | 72,576 | 4,040 | 208,187 | 2,457 | 2,114 | 1,583 | 945 | 2,528 | 3,444,457 | 1,996,260 | 809,684 | 448,811 | 4,427 | 1,152 | 6,704,791 | 1,765 | 4,086 | 5,850 | 6,710,641 | |
| R2 | 6,282 | 133,305 | 43,412 | 10 | 3,568 | 18,886 | 136 | 2,960 | 9,179 | 545 | 379 | 15,219 | 542 | 51,423 | 1,497 | 729 | 1,267 | 1,719 | 2,986 | 1,186,732 | 636,079 | 188,201 | 132,445 | 2,698 | 702 | 2,146,858 | 1,413 | 7,428 | 8,842 | 2,155,699 | |
| R3 | 822 | 10,855 | 3,085 | 11 | 202 | 2,536 | 0 | 172 | 630 | 47 | 1 | 1,845 | 45 | 5,488 | 81 | 58 | 5 | 171 | 176 | 94,893 | 45,199 | 18,180 | 14,477 | 146 | 38 | 172,932 | 6 | 741 | 747 | 173,679 | |
| L1 | 8,187 | 142,060 | 49,534 | 34 | 2,736 | 31,209 | 187 | 3,228 | 10,362 | 998 | 438 | 20,565 | 1,664 | 71,420 | 1,847 | 934 | 2,732 | 859 | 3,591 | 1,521,806 | 725,772 | 283,404 | 193,297 | 3,328 | 866 | 2,728,473 | 3,046 | 3,711 | 6,757 | 2,735,230 | |
| L2 | 2,826 | 15,772 | 4,417 | 30 | 600 | 6,550 | 34 | 291 | 853 | 3 | 0 | 2,188 | 1 | 10,551 | 730 | 98 | 394 | 1,396 | 1,789 | 159,949 | 64,714 | 41,695 | 35,499 | 1,315 | 342 | 303,514 | 439 | 6,032 | 6,471 | 309,985 | |
| L3 | 1,020 | 4,347 | 1,307 | 0 | 128 | 1,649 | 0 | 100 | 148 | 6 | 2 | 369 | 47 | 2,450 | 137 | 39 | 138 | 149 | 287 | 64,265 | 19,157 | 9,613 | 8,730 | 247 | 64 | 102,078 | 154 | 646 | 799 | 102,877 | |
| 合計 | 29,393 | 663,720 | 237,992 | 97 | 20,089 | 110,155 | 1,139 | 19,945 | 68,108 | 7,038 | 3,845 | 112,762 | 6,339 | 349,518 | 6,749 | 3,973 | 6,119 | 5,239 | 11,358 | 6,472,103 | 3,487,180 | 1,350,777 | 833,259 | 12,162 | 3,165 | 12,158,645 | 6,822 | 22,644 | 29,466 | 12,188,111 | |

様式－2　　資産データ　　河川名：天竜川下流(鹿島上流)　　国勢調査年：平成17年度　　事務所統計調査年：平成18年度

| 氾濫ブロック | ブロック面積（ha） | 一般資産等基礎数量 | | | | | | | | | | | | | | | | | | 一般資産額（百万円） | | | | | | | | | 農作物資産（百万円） | | | 一般資産額等合計（百万円） | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 人口（人） | 世帯数（世帯） | 従業者数（産業分類別） | | | | | | | | | | 農漁家数（戸） | 延床面積（ha） | 水田面積（ha） | 畑面積（ha） | 農地面積（ha） | | 家屋 | 家庭用品 | 事務所資産 | | 農漁家資産 | | 小計 | | | | | | |
| | | | | 鉱業 | 建設業 | 製造業 | 電気・ガス・水道・熱供給業 | 運輸・通信業 | 卸売業・小売業 | 金融・保険業 | 不動産業 | サービス業 | 公務 | 小計 | | | | | | | | 償却 | 在庫 | 償却 | 在庫 | | 水稲 | 畑作物 | 小計 | | |
| TR1 | 61 | 523 | 161 | 0 | 6 | 394 | 0 | 53 | 18 | 1 | 0 | 50 | 0 | 522 | 2 | 6 | 0 | 2 | 2 | 9,730 | 2,352 | 2,198 | 1,977 | 4 | 1 | 16,261 | 0 | 7 | 7 | 16,268 | |
| TR2 | 33 | 136 | 37 | 0 | 0 | 3 | 4 | 0 | 3 | 0 | 0 | 18 | 0 | 27 | 1 | 1 | 8 | 5 | 13 | 1,874 | 547 | 492 | 41 | 2 | 1 | 2,956 | 9 | 22 | 31 | 2,987 | |
| TR3 | 12 | 79 | 36 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 23 | 2 | 1 | 0 | 10 | 10 | 1,735 | 532 | 67 | 43 | 4 | 1 | 2,382 | 0 | 43 | 43 | 2,425 | |
| TR4 | 3 | 6 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 130 | 42 | 4 | 3 | 0 | 0 | 180 | 0 | 0 | 0 | 180 | |
| TR5 | 33 | 459 | 141 | 2 | 15 | 23 | 0 | 0 | 27 | 0 | 3 | 47 | 0 | 117 | 3 | 3 | 0 | 3 | 3 | 5,048 | 2,069 | 404 | 275 | 6 | 2 | 7,805 | 0 | 13 | 13 | 7,817 | |
| TR6 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 10 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 61 | |
| TR7 | 11 | 61 | 20 | 0 | 5 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 4 | 1 | 0 | 2 | 2 | 1,709 | 289 | 182 | 205 | 7 | 2 | 2,393 | 0 | 9 | 9 | 2,402 | |
| TR8 | 6 | 55 | 24 | 0 | 5 | 0 | 0 | 1 | 9 | 3 | 0 | 29 | 12 | 59 | 1 | 1 | 0 | 0 | 0 | 997 | 349 | 168 | 50 | 1 | 0 | 1,566 | 0 | 0 | 0 | 1,566 | |
| TR9 | 8 | 107 | 42 | 3 | 10 | 0 | 0 | 1 | 6 | 0 | 1 | 10 | 4 | 35 | 7 | 1 | 0 | 0 | 0 | 1,786 | 618 | 155 | 81 | 13 | 3 | 2,656 | 0 | 0 | 0 | 2,656 | |
| TR10 | 27 | 294 | 135 | 0 | 82 | 77 | 6 | 0 | 6 | 0 | 0 | 79 | 0 | 250 | 0 | 4 | 0 | 2 | 2 | 5,909 | 1,984 | 1,340 | 703 | 0 | 0 | 9,936 | 0 | 9 | 9 | 9,945 | |
| TL1 | 21 | 197 | 66 | 0 | 6 | 20 | 0 | 0 | 5 | 0 | 0 | 30 | 14 | 75 | 1 | 1 | 0 | 0 | 0 | 2,117 | 970 | 280 | 135 | 3 | 1 | 3,506 | 0 | 0 | 0 | 3,506 | |
| TL2 | 559 | 9,036 | 3,006 | 0 | 235 | 653 | 23 | 155 | 819 | 70 | 41 | 1,254 | 224 | 3,474 | 51 | 46 | 1 | 17 | 18 | 75,746 | 44,048 | 13,612 | 6,739 | 92 | 24 | 140,261 | 1 | 73 | 74 | 140,336 | |
| TL3 | 59 | 40 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 7 | 7 | 459 | 246 | 1 | 1 | 2 | 1 | 709 | 0 | 29 | 29 | 738 | |
| TL4 | 145 | 925 | 278 | 0 | 73 | 132 | 3 | 8 | 31 | 0 | 1 | 205 | 0 | 452 | 9 | 8 | 16 | 26 | 42 | 13,128 | 4,071 | 1,876 | 1,027 | 15 | 4 | 20,121 | 18 | 113 | 131 | 20,252 | |
| TL5 | 9 | 45 | 17 | 0 | 0 | 0 | 0 | 5 | 12 | 0 | 0 | 34 | 0 | 51 | 4 | 1 | 0 | 3 | 3 | 918 | 242 | 191 | 42 | 8 | 2 | 1,403 | 0 | 11 | 11 | 1,414 | |
| TL6 | 4 | 51 | 16 | 1 | 1 | 12 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 17 | 0 | 0 | 0 | 1 | 1 | 650 | 233 | 70 | 69 | 0 | 0 | 1,022 | 0 | 5 | 5 | 1,027 | |
| TL7 | 9 | 28 | 8 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 2 | 2 | 368 | 111 | 6 | 7 | 1 | 0 | 494 | 0 | 9 | 9 | 503 | |
| TL8 | 4 | 17 | 7 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 358 | 95 | 33 | 17 | 0 | 0 | 503 | 0 | 0 | 0 | 503 | |
| TL9 | 28 | 162 | 48 | 0 | 2 | 1 | 0 | 0 | 9 | 0 | 0 | 4 | 0 | 16 | 7 | 1 | 0 | 14 | 14 | 1,829 | 697 | 38 | 30 | 13 | 3 | 2,610 | 0 | 59 | 59 | 2,670 | |
| TL10 | 7 | 19 | 7 | 0 | 8 | 0 | 0 | 0 | 2 | 0 | 1 | 49 | 1 | 60 | 0 | 0 | 0 | 1 | 1 | 591 | 106 | 257 | 57 | 0 | 0 | 1,011 | 0 | 3 | 3 | 1,014 | |
| TL11 | 4 | 22 | 9 | 0 | 3 | 0 | 0 | 0 | 4 | 1 | 0 | 16 | 5 | 30 | 0 | 0 | 0 | 0 | 0 | 423 | 132 | 92 | 26 | 0 | 0 | 673 | 0 | 0 | 0 | 673 | |
| TL12 | 26 | 254 | 113 | 0 | 25 | 18 | 6 | 0 | 14 | 3 | 0 | 34 | 40 | 140 | 2 | 3 | 0 | 5 | 5 | 4,739 | 1,651 | 1,138 | 252 | 4 | 1 | 7,786 | 0 | 22 | 22 | 7,808 | |
| TL13 | 25 | 519 | 221 | 0 | 29 | 2 | 0 | 0 | 38 | 1 | 3 | 236 | 10 | 318 | 1 | 5 | 0 | 0 | 0 | 8,140 | 3,231 | 715 | 261 | 3 | 1 | 12,351 | 0 | 0 | 0 | 12,351 | |
| 合計 | 1,095 | 13,037 | 4,410 | 6 | 507 | 1,384 | 41 | 223 | 1,006 | 80 | 51 | 2,121 | 310 | 5,727 | 100 | 85 | 25 | 99 | 124 | 138,435 | 64,626 | 23,322 | 12,040 | 179 | 47 | 238,648 | 28 | 426 | 454 | 239,102 | |

様式－2　　資産データ　　水系名：天竜川　河川名：天竜川上流　　国勢調査年：平成17年度　　事務所統計調査年：平成18年度

| 沿岸ブロック | ブロック面積 (ha) | 一般資産等基礎数量 | | | | | | | 一般資産額（百万円） | | | | | | | | | 農作物資産（百万円） | | | 一般資産額等合計（百万円） | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 人口 (人) | 世帯数 (世帯) | 従業者数 (人) | 農漁家数 (戸) | 延床面積 (ha) | 水田面積 (ha) | 畑面積 (ha) | 家屋 | 家庭用品 | 事務所資産 償却 | 事務所資産 在庫 | 農漁家資産 償却 | 農漁家資産 在庫 | 小計 | 水稲 | 畑作物 | 小計 | | |
| R1 | 242 | 2,036 | 615 | 601 | 68 | 3 | 58 | 63 | 4,448 | 9,012 | 2,396 | 2,093 | 123 | 32 | 18,103 | 77 | 252 | 329 | 18,432 | |
| L2 | 161 | 1,187 | 359 | 223 | 50 | 4 | 37 | 83 | 6,127 | 5,259 | 861 | 501 | 90 | 23 | 12,861 | 49 | 329 | 378 | 13,239 | |
| L3 | 35 | 869 | 252 | 420 | 27 | 1 | 3 | 12 | 2,408 | 3,687 | 1,811 | 986 | 48 | 13 | 8,953 | 3 | 48 | 52 | 9,005 | |
| L4 | 26 | 295 | 81 | 481 | 12 | 2 | 17 | 9 | 3,095 | 1,184 | 4,184 | 1,558 | 21 | 6 | 10,048 | 22 | 36 | 58 | 10,106 | |
| L5 | 3 | 14 | 4 | 29 | 0 | 0 | 4 | 3 | 751 | 56 | 305 | 95 | 0 | 0 | 1,207 | 5 | 11 | 15 | 1,223 | |
| R6 | 107 | 1,995 | 643 | 714 | 41 | 3 | 59 | 12 | 4,924 | 9,428 | 2,771 | 2,206 | 74 | 19 | 19,422 | 79 | 50 | 129 | 19,551 | |
| R7 | 167 | 3,182 | 1,071 | 1,563 | 99 | 14 | 85 | 43 | 22,667 | 15,698 | 6,712 | 4,374 | 178 | 46 | 49,675 | 113 | 173 | 286 | 49,961 | |
| R8 | 19 | 46 | 16 | 28 | 1 | 2 | 19 | 0 | 3,512 | 233 | 90 | 89 | 1 | 0 | 3,926 | 25 | 0 | 25 | 3,951 | |
| R9 | 114 | 697 | 238 | 346 | 40 | 19 | 104 | 5 | 30,003 | 3,493 | 2,973 | 979 | 72 | 19 | 37,540 | 138 | 20 | 158 | 37,697 | |
| R10 | 94 | 649 | 185 | 608 | 49 | 11 | 75 | 8 | 18,500 | 2,717 | 2,485 | 1,675 | 88 | 23 | 25,487 | 100 | 30 | 130 | 25,617 | |
| R11 | 156 | 852 | 266 | 885 | 31 | 3 | 104 | 14 | 4,454 | 3,890 | 3,060 | 2,729 | 55 | 14 | 14,203 | 139 | 54 | 193 | 14,396 | |
| R12 | 17 | 443 | 149 | 218 | 13 | 1 | 0 | 2 | 2,430 | 2,180 | 1,067 | 471 | 24 | 6 | 6,178 | 0 | 8 | 8 | 6,186 | |
| R13 | 79 | 923 | 304 | 633 | 29 | 7 | 47 | 1 | 11,668 | 4,457 | 2,731 | 1,597 | 51 | 13 | 20,518 | 63 | 3 | 66 | 20,584 | |
| R14 | 78 | 184 | 58 | 208 | 13 | 1 | 42 | 14 | 1,900 | 843 | 695 | 740 | 23 | 6 | 4,207 | 56 | 55 | 111 | 4,318 | |
| R15 | 74 | 481 | 141 | 166 | 52 | 0 | 53 | 11 | 215 | 2,059 | 625 | 397 | 94 | 24 | 3,414 | 71 | 45 | 116 | 3,530 | |
| R16 | 46 | 209 | 62 | 62 | 22 | 0 | 21 | 19 | 445 | 904 | 260 | 232 | 40 | 10 | 1,892 | 28 | 76 | 104 | 1,997 | |
| L17 | 99 | 1,045 | 302 | 284 | 63 | 13 | 42 | 12 | 20,407 | 4,431 | 1,441 | 463 | 114 | 30 | 26,886 | 57 | 46 | 103 | 26,988 | |
| L18 | 115 | 1,787 | 558 | 874 | 92 | 7 | 55 | 9 | 11,764 | 8,178 | 3,429 | 1,996 | 166 | 43 | 25,576 | 73 | 36 | 109 | 25,686 | |
| L19 | 60 | 1,009 | 301 | 478 | 41 | 4 | 35 | 0 | 6,324 | 4,408 | 1,642 | 1,586 | 74 | 19 | 14,052 | 46 | 0 | 46 | 14,099 | |
| L20 | 93 | 1,264 | 358 | 500 | 80 | 6 | 45 | 7 | 10,514 | 5,246 | 1,824 | 1,785 | 144 | 37 | 19,550 | 60 | 27 | 87 | 19,637 | |
| L21 | 40 | 391 | 116 | 65 | 15 | 3 | 22 | 1 | 4,217 | 1,703 | 234 | 112 | 26 | 7 | 6,299 | 29 | 5 | 34 | 6,333 | |
| L22 | 69 | 1,444 | 455 | 559 | 50 | 4 | 27 | 0 | 6,110 | 6,660 | 2,216 | 977 | 89 | 23 | 16,075 | 36 | 1 | 37 | 16,111 | |
| L23 | 46 | 456 | 134 | 150 | 31 | 3 | 33 | 8 | 4,868 | 1,964 | 522 | 455 | 56 | 14 | 7,879 | 44 | 31 | 76 | 7,955 | |
| L24 | 132 | 825 | 221 | 164 | 68 | 2 | 89 | 11 | 3,383 | 3,244 | 530 | 515 | 123 | 32 | 7,826 | 119 | 42 | 162 | 7,988 | |
| R25 | 163 | 831 | 256 | 330 | 32 | 10 | 99 | 18 | 16,299 | 3,747 | 1,214 | 917 | 58 | 15 | 22,249 | 132 | 70 | 202 | 22,452 | |
| R26 | 15 | 118 | 38 | 55 | 8 | 0 | 2 | 0 | 474 | 551 | 330 | 218 | 14 | 4 | 1,592 | 2 | 0 | 2 | 1,594 | |
| R27 | 12 | 32 | 9 | 19 | 1 | 1 | 2 | 0 | 2,139 | 135 | 67 | 63 | 2 | 0 | 2,406 | 2 | 2 | 4 | 2,410 | |
| L28 | 9 | 16 | 3 | 7 | 1 | 0 | 5 | 4 | 128 | 50 | 31 | 33 | 1 | 0 | 243 | 6 | 15 | 21 | 264 | |
| L29 | 15 | 104 | 28 | 61 | 11 | 1 | 13 | 0 | 894 | 404 | 240 | 266 | 20 | 5 | 1,829 | 17 | 0 | 17 | 1,846 | |
| L30 | 25 | 227 | 61 | 47 | 18 | 0 | 12 | 5 | 568 | 897 | 175 | 186 | 33 | 8 | 1,867 | 17 | 20 | 37 | 1,904 | |
| L31 | 28 | 114 | 32 | 11 | 12 | 0 | 14 | 6 | 720 | 473 | 41 | 44 | 21 | 5 | 1,305 | 19 | 24 | 43 | 1,348 | |
| L32 | 14 | 49 | 13 | 6 | 4 | 0 | 11 | 0 | 465 | 188 | 64 | 25 | 7 | 2 | 750 | 14 | 0 | 14 | 764 | |
| L33 | 5 | 16 | 6 | 14 | 1 | 0 | 1 | 2 | 657 | 85 | 47 | 58 | 2 | 0 | 848 | 1 | 9 | 10 | 859 | |
| L34 | 7 | 9 | 3 | 3 | 0 | 1 | 8 | 0 | 1,504 | 44 | 7 | 11 | 0 | 0 | 1,566 | 11 | 0 | 11 | 1,577 | |
| L35 | 94 | 398 | 102 | 95 | 36 | 2 | 47 | 16 | 3,288 | 1,500 | 315 | 382 | 64 | 17 | 5,567 | 62 | 63 | 125 | 5,692 | |
| L36 | 48 | 239 | 68 | 35 | 20 | 0 | 31 | 2 | 671 | 991 | 143 | 125 | 36 | 9 | 1,976 | 41 | 8 | 49 | 2,025 | |
| L37 | 18 | 137 | 43 | 39 | 5 | 0 | 10 | 0 | 51 | 630 | 137 | 77 | 9 | 2 | 907 | 13 | 2 | 15 | 922 | |
| R38 | 56 | 309 | 81 | 52 | 30 | 1 | 28 | 0 | 1,152 | 1,182 | 151 | 192 | 54 | 14 | 2,746 | 38 | 0 | 38 | 2,784 | |
| R39 | 85 | 492 | 139 | 98 | 38 | 2 | 53 | 5 | 2,562 | 2,037 | 248 | 290 | 69 | 18 | 5,224 | 71 | 21 | 91 | 5,315 | |
| R40 | 35 | 348 | 105 | 92 | 19 | 1 | 16 | 0 | 1,171 | 1,540 | 286 | 218 | 35 | 9 | 3,259 | 21 | 0 | 21 | 3,279 | |
| R41 | 27 | 111 | 28 | 54 | 8 | 1 | 21 | 0 | 2,153 | 413 | 165 | 136 | 14 | 4 | 2,886 | 28 | 2 | 30 | 2,916 | |
| R42 | 35 | 116 | 33 | 49 | 9 | 0 | 13 | 3 | 798 | 485 | 145 | 126 | 16 | 4 | 1,574 | 17 | 10 | 27 | 1,601 | |
| R43 | 27 | 29 | 10 | 9 | 2 | 1 | 12 | 0 | 1,504 | 142 | 32 | 13 | 4 | 1 | 1,695 | 16 | 0 | 16 | 1,711 | |
| L44 | 21 | 33 | 9 | 4 | 4 | 0 | 6 | 3 | 2 | 127 | 7 | 8 | 6 | 2 | 152 | 8 | 14 | 22 | 174 | |
| R45 | 40 | 139 | 41 | 14 | 25 | 0 | 23 | 4 | 783 | 605 | 53 | 38 | 45 | 12 | 1,536 | 30 | 15 | 45 | 1,581 | |
| R46 | 7 | 8 | 2 | 1 | 1 | 0 | 5 | 0 | 0 | 34 | 3 | 4 | 1 | 0 | 43 | 7 | 0 | 7 | 49 | |
| L47 | 31 | 66 | 23 | 0 | 11 | 0 | 24 | 2 | 272 | 334 | 0 | 0 | 20 | 5 | 632 | 31 | 8 | 39 | 671 | |
| R48 | 41 | 33 | 9 | 1 | 0 | 1 | 25 | 1 | 1,671 | 135 | 1 | 2 | 1 | 0 | 1,809 | 33 | 4 | 36 | 1,846 | |
| R49 | 29 | 38 | 10 | 2 | 5 | 1 | 5 | 1 | 2,283 | 139 | 8 | 9 | 8 | 2 | 2,450 | 7 | 2 | 9 | 2,459 | |
| L50 | 51 | 74 | 21 | 3 | 5 | 1 | 23 | 14 | 1,177 | 308 | 13 | 14 | 10 | 3 | 1,524 | 30 | 54 | 85 | 1,609 | |
| R51 | 77 | 288 | 79 | 170 | 28 | 2 | 72 | 3 | 2,731 | 1,161 | 711 | 707 | 50 | 13 | 5,373 | 97 | 11 | 108 | 5,481 | |
| R52 | 21 | 32 | 8 | 47 | 1 | 0 | 5 | 0 | 188 | 113 | 349 | 185 | 3 | 1 | 838 | 7 | 0 | 7 | 845 | |
| L53 | 15 | 76 | 22 | 7 | 7 | 0 | 10 | 2 | 332 | 327 | 700 | 29 | 13 | 3 | 1,403 | 13 | 7 | 20 | 1,423 | |
| R54 | 145 | 699 | 222 | 117 | 13 | 10 | 101 | 14 | 16,875 | 3,257 | 449 | 488 | 23 | 6 | 21,097 | 135 | 55 | 189 | 21,287 | |
| R55 | 246 | 1,040 | 307 | 989 | 33 | 23 | 160 | 20 | 37,178 | 4,501 | 4,039 | 2,937 | 60 | 16 | 48,732 | 214 | 79 | 293 | 49,025 | |
| L56 | 56 | 204 | 54 | 39 | 6 | 3 | 53 | 9 | 4,537 | 791 | 146 | 112 | 11 | 3 | 5,601 | 71 | 37 | 108 | 5,709 | |
| L57 | 50 | 119 | 35 | 32 | 5 | 3 | 40 | 1 | 4,659 | 506 | 80 | 93 | 9 | 2 | 5,348 | 53 | 3 | 56 | 5,404 | |
| L58 | 82 | 170 | 25 | 3 | 2 | 2 | 54 | 1 | 3,596 | 369 | 5 | 9 | 3 | 1 | 3,984 | 72 | 4 | 75 | 4,059 | |
| L59 | 26 | 102 | 26 | 9 | 5 | 2 | 13 | 14 | 3,191 | 378 | 27 | 18 | 8 | 2 | 3,625 | 17 | 55 | 73 | 3,698 | |
| R60 | 124 | 1,012 | 300 | 498 | 30 | 4 | 77 | 1 | 6,016 | 4,402 | 2,067 | 2,104 | 53 | 14 | 14,656 | 103 | 5 | 108 | 14,764 | |
| R61 | 24 | 86 | 25 | 38 | 2 | 1 | 16 | 0 | 1,998 | 362 | 158 | 157 | 4 | 1 | 2,680 | 21 | 0 | 21 | 2,701 | |
| L62 | 29 | 56 | 17 | 21 | 1 | 0 | 17 | 2 | 606 | 243 | 91 | 97 | 2 | 1 | 1,039 | 23 | 7 | 30 | 1,068 | |
| R63 | 205 | 654 | 207 | 109 | 20 | 6 | 119 | 22 | 9,149 | 3,038 | 364 | 341 | 36 | 9 | 12,937 | 159 | 86 | 245 | 13,182 | |
| R64 | 105 | 873 | 278 | 1,002 | 27 | 2 | 23 | 9 | 3,178 | 4,078 | 3,662 | 3,032 | 48 | 13 | 14,010 | 30 | 35 | 66 | 14,076 | |
| R65 | 111 | 1,117 | 411 | 637 | 23 | 2 | 78 | 5 | 3,372 | 6,022 | 1,882 | 1,671 | 42 | 11 | 13,001 | 104 | 18 | 122 | 13,124 | |
| R66 | 111 | 3,815 | 1,513 | 3,328 | 41 | 3 | 14 | 2 | 4,920 | 22,173 | 14,908 | 7,788 | 74 | 19 | 49,883 | 19 | 6 | 25 | 49,908 | |
| R67 | 23 | 964 | 389 | 465 | 17 | 1 | 1 | 0 | 2,113 | 5,700 | 1,952 | 881 | 31 | 8 | 10,686 | 1 | 0 | 1 | 10,687 | |
| R68 | 67 | 1,941 | 789 | 1,182 | 36 | 6 | 1 | 2 | 9,283 | 11,566 | 4,507 | 2,354 | 65 | 17 | 27,792 | 1 | 9 | 10 | 27,802 | |
| R69 | 57 | 414 | 158 | 148 | 7 | 1 | 50 | 0 | 2,377 | 2,309 | 545 | 478 | 12 | 3 | 5,725 | 66 | 0 | 66 | 5,791 | |
| R70 | 44 | 543 | 184 | 384 | 9 | 1 | 33 | 0 | 1,490 | 2,701 | 1,777 | 1,260 | 17 | 4 | 7,248 | 44 | 0 | 44 | 7,292 | |
| R71 | 59 | 904 | 309 | 320 | 16 | 3 | 37 | 0 | 4,331 | 4,531 | 1,175 | 1,090 | 30 | 8 | 11,164 | 49 | 0 | 49 | 11,213 | |
| R72 | 274 | 5,048 | 1,806 | 1,664 | 103 | 9 | 149 | 16 | 15,054 | 26,466 | 6,155 | 5,559 | 186 | 48 | 53,468 | 199 | 62 | 261 | 53,729 | |
| R73 | 199 | 5,115 | 2,010 | 4,318 | 119 | 8 | 78 | 9 | 12,314 | 29,450 | 17,659 | 13,900 | 215 | 56 | 73,594 | 103 | 37 | 141 | 73,735 | |
| R74 | 24 | 0 | 0 | 0 | 0 | 1 | 22 | 0 | 1,395 | 0 | 0 | 0 | 0 | 0 | 1,395 | 29 | 0 | 29 | 1,425 | |
| R75 | 81 | 1,169 | 391 | 290 | 46 | 5 | 51 | 9 | 7,328 | 5,734 | 1,020 | 875 | 83 | 22 | 15,061 | 68 | 36 | 104 | 15,165 | |
| R76 | 40 | 492 | 168 | 316 | 13 | 2 | 21 | 1 | 2,560 | 2,463 | 1,264 | 1,224 | 23 | 6 | 7,540 | 28 | 5 | 33 | 7,573 | |
| R77 | 20 | 125 | 46 | 193 | 1 | 1 | 15 | 2 | 1,534 | 678 | 808 | 831 | 1 | 0 | 3,853 | 20 | 8 | 28 | 3,881 | |
| R78 | 29 | 117 | 37 | 130 | 2 | 1 | 15 | 0 | 1,938 | 547 | 543 | 569 | 3 | 1 | 3,600 | 20 | 0 | 20 | 3,619 | |
| R79 | 22 | 65 | 21 | 0 | 4 | 1 | 19 | 0 | 1,560 | 302 | 0 | 0 | 6 | 2 | 1,870 | 26 | 0 | 26 | 1,896 | |
| R80 | 22 | 91 | 29 | 5 | 5 | 1 | 10 | 4 | 1,759 | 431 | 19 | 21 | 9 | 2 | 2,242 | 13 | 16 | 29 | 2,271 | |
| L81 | 94 | 411 | 112 | 6 | 42 | 4 | 60 | 5 | 5,842 | 1,635 | 21 | 20 | 75 | 19 | 7,612 | 80 | 19 | 99 | 7,711 | |
| L82 | 225 | 1,777 | 527 | 177 | 100 | 7 | 156 | 2 | 11,839 | 7,719 | 649 | 339 | 179 | 47 | 20,773 | 208 | 10 | 218 | 20,991 | |
| L83 | 24 | 136 | 45 | 111 | 3 | 0 | 19 | 0 | 474 | 665 | 460 | 326 | 5 | 1 | 1,931 | 25 | 0 | 25 | 1,956 | |
| L84 | 309 | 1,852 | 596 | 400 | 99 | 6 | 250 | 2 | 9,229 | 8,736 | 1,474 | 1,086 | 178 | 46 | 20,750 | 333 | 8 | 341 | 21,092 | |
| L85 | 657 | 10,162 | 3,841 | 4,957 | 184 | 32 | 455 | 6 | 51,316 | 56,283 | 29,900 | 10,893 | 332 | 86 | 148,811 | 606 | 25 | 631 | 149,443 | |
| L86 | 85 | 2,538 | 986 | 1,520 | 47 | 9 | 6 | 6 | 15,180 | 14,446 | 8,327 | 2,758 | 85 | 22 | 40,819 | 7 | 25 | 33 | 40,852 | |
| L87 | 111 | 1,199 | 446 | 276 | 24 | 6 | 56 | 0 | 9,521 | 6,534 | 843 | 834 | 42 | 11 | 17,785 | 75 | 1 | 76 | 17,861 | |
| L88 | 159 | 1,225 | 375 | 381 | 49 | 3 | 82 | 5 | 4,158 | 5,492 | 1,694 | 1,490 | 88 | 23 | 12,945 | 109 | 21 | 130 | 13,075 | |
| L89 | 44 | 129 | 42 | 156 | 6 | 2 | 25 | 9 | 3,721 | 612 | 663 | 672 | 12 | 3 | 5,683 | 33 | 34 | 67 | 5,751 | |
| L90 | 11 | 39 | 13 | 19 | 0 | 0 | 9 | 1 | 294 | 189 | 69 | 63 | 0 | 0 | 615 | 12 | 5 | 17 | 632 | |
| L91 | 22 | 205 | 72 | 89 | 1 | 0 | 15 | 0 | 447 | 1,054 | 309 | 276 | 2 | 1 | 2,088 | 21 | 2 | 22 | 2,110 | |
| L92 | 32 | 539 | 198 | 306 | 10 | 1 | 11 | 7 | 923 | 2,900 | 1,170 | 1,041 | 18 | 5 | 6,055 | 15 | 29 | 44 | 6,099 | |
| L93 | 57 | 153 | 63 | 96 | 5 | 1 | 45 | 5 | 2,247 | 925 | 391 | 350 | 10 | 3 | 3,925 | 60 | 20 | 79 | 4,004 | |
| L94 | 11 | 9 | 3 | 1 | 1 | 1 | 10 | 0 | 916 | 38 | 4 | 5 | 1 | 0 | 964 | 14 | 0 | 14 | 978 | |
| L95 | 44 | 310 | 92 | 71 | 19 | 1 | 41 | 3 | 1,915 | 1,342 | 294 | 297 | 33 | 9 | 3,890 | 55 | 12 | 67 | 3,958 | |
| L96 | 26 | 239 | 70 | 72 | 11 | 1 | 17 | 5 | 1,538 | 1,027 | 294 | 297 | 20 | 5 | 3,182 | 22 | 22 | 44 | 3,225 | |
| L97 | 42 | 285 | 85 | 162 | 6 | 2 | 31 | 5 | 3,851 | 1,247 | 685 | 746 | 10 | 3 | 6,542 | 41 | 21 | 63 | 6,604 | |
| L98 | 27 | 69 | 21 | 0 | 3 | 1 | 17 | 1 | 2,088 | 303 | 0 | 0 | 5 | 1 | 2,398 | 22 | 2 | 25 | 2,423 | |
| L99 | 42 | 327 | 93 | 60 | 8 | 3 | 37 | 7 | 4,324 | 1,363 | 231 | 148 | 15 | 4 | 6,084 | 50 | 28 | 78 | 6,162 | |
| L100 | 81 | 405 | 116 | 93 | 16 | 1 | 54 | 6 | 861 | 1,700 | 374 | 306 | 28 | 7 | 3,276 | 71 | 23 | 94 | 3,370 | |
| L101 | 3 | 8 | 3 | 2 | 0 | 0 | 2 | 0 | 0 | 38 | 7 | 7 | 0 | 0 | 52 | 3 | 0 | 3 | 55 | |
| R102 | 19 | 167 | 49 | 49 | 10 | 0 | 13 | 1 | 0 | 715 | 193 | 221 | 17 | 5 | 1,150 | 18 | 2 | 20 | 1,170 | |
| R103 | 8 | 75 | 24 | 13 | 3 | 0 | 5 | 0 | 0 | 355 | 55 | 46 | 6 | 2 | 462 | 7 | 0 | 7 | 469 | |
| R104 | 33 | 250 | 86 | 45 | 5 | 0 | 26 | 0 | 139 | 1,262 | 180 | 141 | 8 | 2 | 1,732 | 35 | 0 | 35 | 1,767 | |
| R105 | 65 | 1,577 | 546 | 1,159 | 17 | 0 | 31 | 1 | 167 | 7,993 | 4,787 | 3,518 | 31 | 8 | 16,504 | 42 | 5 | 46 | 16,550 | |
| L106 | 7 | 100 | 35 | 28 | 2 | 0 | 3 | 0 | 477 | 514 | 106 | 104 | 3 | 1 | 1,205 | 5 | 0 | 5 | 1,210 | |
| L107 | 4 | 67 | 23 | 19 | 1 | 0 | 3 | 0 | 125 | 341 | 72 | 69 | 1 | 0 | 609 | 4 | 0 | 4 | 613 | |
| L108 | 162 | 2,279 | 779 | 894 | 32 | 7 | 56 | 10 | 10,913 | 11,418 | 3,441 | 2,584 | 58 | 15 | 28,429 | 74 | 39 | 113 | 28,542 | |
| R109 | 31 | 750 | 267 | 528 | 9 | 2 | 3 | 0 | 3,043 | 3,918 | 2,199 | 1,553 | 16 | 4 | 10,734 | 5 | 0 | 5 | 10,738 | |
| 合計 | 7,835 | 80,978 | 27,535 | 39,506 | 2,621 | 334 | 4,474 | 667 | 541,633 | 403,470 | 174,744 | 111,066 | 4,723 | 1,229 | 1,236,866 | 5,964 | 2,654 | 8,618 | 1,245,484 | |

様式－３　　被害額　天竜川直轄河川改修事業　整備計画実施前河道　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 97,372 | 56,741 | 38,938 | 13,425 | 99 | 36 | 206,611 | 222 | 141 | 363 | 349,998 | 11,490 | 2,957 | 5,238 | 8,195 | 4,020 | 0 | 373,703 | 580,677 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 31,539 | 15,378 | 8,918 | 3,769 | 89 | 32 | 59,725 | 352 | 118 | 470 | 101,174 | 2,749 | 799 | 1,378 | 2,177 | 715 | 0 | 106,815 | 167,010 | |
| L2 | 12 | 3 | 4 | 2 | 0 | 0 | 21 | 7 | 18 | 25 | 36 | 1 | 0 | 0 | 0 | 0 | 0 | 37 | 83 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 128,923 | 72,122 | 47,860 | 17,196 | 188 | 68 | 266,357 | 581 | 277 | 858 | 451,208 | 14,240 | 3,756 | 6,616 | 10,372 | 4,735 | 0 | 480,555 | 747,770 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 164,296 | 108,201 | 68,257 | 23,612 | 193 | 72 | 364,631 | 352 | 381 | 733 | 617,699 | 18,560 | 4,968 | 8,377 | 13,345 | 6,956 | 0 | 656,560 | 1,021,924 | |
| R2 | 29,246 | 14,297 | 12,102 | 5,105 | 48 | 17 | 60,815 | 146 | 742 | 888 | 103,019 | 3,326 | 802 | 1,398 | 2,200 | 962 | 0 | 109,507 | 171,210 | |
| R3 | 3,256 | 1,528 | 2,049 | 1,301 | 4 | 2 | 8,140 | 0 | 71 | 71 | 13,788 | 443 | 60 | 82 | 142 | 70 | 0 | 14,443 | 22,654 | |
| L1 | 64,882 | 37,533 | 19,685 | 8,693 | 218 | 83 | 131,094 | 564 | 406 | 970 | 222,072 | 4,910 | 1,552 | 2,356 | 3,908 | 1,474 | 0 | 232,364 | 364,428 | |
| L2 | 7,311 | 4,989 | 3,690 | 2,735 | 78 | 29 | 18,832 | 71 | 236 | 307 | 31,900 | 782 | 178 | 172 | 350 | 365 | 0 | 33,397 | 52,536 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 268,991 | 166,548 | 105,783 | 41,446 | 541 | 203 | 583,512 | 1,133 | 1,836 | 2,969 | 988,478 | 28,021 | 7,560 | 12,385 | 19,945 | 9,827 | 0 | 1,046,271 | 1,632,752 | |

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 203,555 | 143,609 | 84,939 | 30,038 | 259 | 99 | 462,499 | 403 | 494 | 897 | 783,487 | 21,835 | 6,126 | 9,973 | 16,099 | 8,512 | 0 | 829,933 | 1,293,329 | |
| R2 | 42,699 | 21,005 | 16,891 | 7,108 | 67 | 24 | 87,794 | 190 | 919 | 1,109 | 148,725 | 4,597 | 1,180 | 2,034 | 3,214 | 1,427 | 0 | 157,963 | 246,866 | |
| R3 | 4,901 | 2,312 | 2,981 | 1,955 | 7 | 3 | 12,159 | 0 | 84 | 84 | 20,596 | 596 | 92 | 120 | 212 | 108 | 0 | 21,512 | 33,755 | |
| L1 | 82,035 | 50,014 | 24,924 | 11,355 | 279 | 108 | 168,715 | 613 | 467 | 1,080 | 285,804 | 5,769 | 1,959 | 2,751 | 4,710 | 1,888 | 0 | 298,171 | 467,966 | |
| L2 | 8,974 | 5,976 | 4,364 | 3,461 | 95 | 34 | 22,904 | 75 | 262 | 337 | 38,798 | 966 | 214 | 191 | 405 | 447 | 0 | 40,616 | 63,857 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 342,164 | 222,916 | 134,099 | 53,917 | 707 | 268 | 754,071 | 1,281 | 2,226 | 3,507 | 1,277,410 | 33,763 | 9,571 | 15,069 | 24,640 | 12,382 | 0 | 1,348,195 | 2,105,773 | |

様式－３　　被害額　天竜川直轄河川改修事業　整備計画実施前河道　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 217,149 | 156,165 | 91,195 | 32,590 | 281 | 108 | 497,488 | 418 | 526 | 944 | 842,764 | 23,114 | 6,538 | 10,508 | 17,046 | 9,105 | 0 | 892,029 | 1,390,461 | |
| R2 | 46,070 | 22,859 | 18,232 | 7,701 | 73 | 26 | 94,961 | 204 | 952 | 1,156 | 160,866 | 4,930 | 1,274 | 2,185 | 3,459 | 1,549 | 0 | 170,804 | 266,921 | |
| R3 | 5,171 | 2,478 | 3,152 | 2,077 | 7 | 3 | 12,888 | 0 | 85 | 85 | 21,831 | 620 | 97 | 125 | 222 | 114 | 0 | 22,787 | 35,760 | |
| L1 | 88,324 | 54,604 | 26,856 | 12,349 | 297 | 116 | 182,546 | 628 | 485 | 1,113 | 309,234 | 6,089 | 2,111 | 2,891 | 5,002 | 2,046 | 0 | 322,371 | 506,030 | |
| L2 | 9,347 | 6,193 | 4,530 | 3,632 | 99 | 35 | 23,836 | 76 | 270 | 346 | 40,378 | 1,025 | 222 | 196 | 418 | 463 | 0 | 42,284 | 66,466 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 366,061 | 242,299 | 143,965 | 58,349 | 757 | 288 | 811,719 | 1,326 | 2,318 | 3,644 | 1,375,073 | 35,778 | 10,242 | 15,905 | 26,147 | 13,277 | 0 | 1,450,275 | 2,265,638 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 258,808 | 196,452 | 110,327 | 40,525 | 344 | 134 | 606,590 | 449 | 590 | 1,039 | 1,027,585 | 26,797 | 7,842 | 12,063 | 19,905 | 10,942 | 0 | 1,085,229 | 1,692,858 | |
| R2 | 56,748 | 29,090 | 22,097 | 9,443 | 89 | 32 | 117,499 | 234 | 1,049 | 1,283 | 199,046 | 5,924 | 1,584 | 2,680 | 4,264 | 1,917 | 0 | 211,151 | 329,933 | |
| R3 | 5,788 | 2,906 | 3,406 | 2,288 | 8 | 3 | 14,399 | 0 | 90 | 90 | 24,393 | 664 | 111 | 137 | 248 | 127 | 0 | 25,432 | 39,921 | |
| L1 | 114,773 | 71,856 | 34,916 | 16,621 | 372 | 145 | 238,683 | 717 | 655 | 1,372 | 404,331 | 7,710 | 2,722 | 3,526 | 6,248 | 2,727 | 0 | 421,016 | 661,071 | |
| L2 | 11,914 | 7,167 | 4,989 | 4,079 | 116 | 39 | 28,304 | 90 | 309 | 399 | 47,946 | 1,196 | 264 | 237 | 501 | 521 | 0 | 50,164 | 78,867 | |
| L3 | 1,137 | 393 | 68 | 40 | 4 | 1 | 1,643 | 4 | 60 | 64 | 2,783 | 22 | 21 | 39 | 60 | 7 | 0 | 2,872 | 4,579 | |
| 合計 | 449,168 | 307,864 | 175,803 | 72,996 | 933 | 354 | 1,007,118 | 1,494 | 2,753 | 4,247 | 1,706,084 | 42,313 | 12,544 | 18,682 | 31,226 | 16,241 | 0 | 1,795,864 | 2,807,229 | |

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 294,394 | 231,014 | 126,856 | 47,537 | 392 | 152 | 700,345 | 472 | 660 | 1,132 | 1,186,407 | 29,753 | 8,954 | 13,326 | 22,280 | 12,579 | 0 | 1,251,019 | 1,952,496 | |
| R2 | 64,660 | 34,086 | 24,784 | 10,696 | 101 | 37 | 134,364 | 254 | 1,101 | 1,355 | 227,614 | 6,582 | 1,807 | 3,021 | 4,828 | 2,187 | 0 | 241,211 | 376,930 | |
| R3 | 6,460 | 3,338 | 3,628 | 2,497 | 9 | 4 | 15,936 | 0 | 94 | 94 | 26,995 | 710 | 125 | 148 | 273 | 142 | 0 | 28,120 | 44,150 | |
| L1 | 137,207 | 85,548 | 41,997 | 20,770 | 429 | 167 | 286,118 | 761 | 774 | 1,535 | 484,676 | 9,174 | 3,243 | 4,023 | 7,266 | 3,370 | 0 | 504,486 | 792,139 | |
| L2 | 14,540 | 8,133 | 5,887 | 4,733 | 131 | 44 | 33,468 | 95 | 415 | 510 | 56,694 | 1,545 | 314 | 294 | 608 | 582 | 0 | 59,429 | 93,407 | |
| L3 | 1,556 | 585 | 113 | 60 | 5 | 2 | 2,321 | 6 | 70 | 76 | 3,930 | 40 | 30 | 52 | 82 | 17 | 0 | 4,069 | 6,466 | |
| 合計 | 518,817 | 362,704 | 203,265 | 86,293 | 1,067 | 406 | 1,172,552 | 1,588 | 3,114 | 4,702 | 1,986,316 | 47,804 | 14,473 | 20,864 | 35,337 | 18,877 | 0 | 2,088,334 | 3,265,588 | |

様式－3　　被害額　天竜川直轄河川改修事業 整備計画実施前河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 3 | 1 | 6 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 25 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL6 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| TL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 5 | 1 | 6 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 31 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 30 | 9 | 30 | 1 | 0 | 0 | 70 | 0 | 0 | 0 | 119 | 2 | 0 | 0 | 0 | 0 | 0 | 121 | 191 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 494 | 275 | 67 | 29 | 1 | 0 | 866 | 0 | 4 | 4 | 1,467 | 15 | 10 | 10 | 20 | 32 | 0 | 1,534 | 2,404 | |
| TR6 | 24 | 6 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 81 | |
| TR7 | 1,053 | 212 | 147 | 152 | 4 | 1 | 1,569 | 0 | 5 | 5 | 2,657 | 39 | 8 | 6 | 14 | 19 | 0 | 2,729 | 4,303 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 1,249 | 665 | 211 | 94 | 2 | 1 | 2,222 | 0 | 0 | 0 | 3,761 | 52 | 25 | 17 | 42 | 32 | 0 | 3,887 | 6,109 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 13 | 7 | 0 | 0 | 0 | 0 | 20 | 0 | 5 | 5 | 35 | 0 | 0 | 1 | 1 | 0 | 0 | 36 | 61 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 6 | 2 | 3 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 29 | |
| TL6 | 141 | 68 | 31 | 21 | 0 | 0 | 261 | 0 | 0 | 0 | 441 | 6 | 3 | 3 | 6 | 5 | 0 | 458 | 719 | |
| TL7 | 131 | 43 | 2 | 2 | 1 | 0 | 179 | 0 | 4 | 4 | 303 | 1 | 2 | 1 | 3 | 1 | 0 | 308 | 491 | |
| TL8 | 28 | 9 | 4 | 2 | 0 | 0 | 43 | 0 | 0 | 0 | 73 | 2 | 0 | 0 | 0 | 0 | 0 | 75 | 118 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 16 | 2 | 14 | 2 | 0 | 0 | 34 | 0 | 0 | 0 | 56 | 3 | 0 | 0 | 0 | 1 | 0 | 60 | 94 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 545 | 268 | 153 | 55 | 0 | 0 | 1,021 | 0 | 5 | 5 | 1,729 | 24 | 10 | 10 | 20 | 14 | 0 | 1,787 | 2,813 | |
| TL13 | 136 | 48 | 20 | 6 | 0 | 0 | 210 | 0 | 0 | 0 | 357 | 7 | 2 | 4 | 6 | 5 | 0 | 375 | 585 | |
| 合計 | 3,866 | 1,614 | 682 | 364 | 8 | 2 | 6,536 | 0 | 23 | 23 | 11,067 | 151 | 60 | 52 | 112 | 109 | 0 | 11,439 | 17,998 | |

様式－3　　被害額　天竜川直轄河川改修事業 整備計画実施前河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 44 | 14 | 46 | 2 | 0 | 0 | 106 | 0 | 0 | 0 | 178 | 2 | 1 | 0 | 1 | 0 | 0 | 181 | 287 | |
| TR3 | 165 | 68 | 15 | 4 | 1 | 0 | 253 | 0 | 7 | 7 | 429 | 4 | 2 | 3 | 5 | 2 | 0 | 440 | 700 | |
| TR4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | |
| TR5 | 869 | 477 | 104 | 49 | 1 | 0 | 1,500 | 0 | 5 | 5 | 2,542 | 27 | 17 | 16 | 33 | 53 | 0 | 2,655 | 4,160 | |
| TR6 | 38 | 10 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 128 | |
| TR7 | 1,208 | 237 | 155 | 168 | 4 | 1 | 1,773 | 0 | 5 | 5 | 3,004 | 45 | 9 | 6 | 15 | 21 | 0 | 3,085 | 4,863 | |
| TR8 | 509 | 216 | 134 | 36 | 0 | 0 | 895 | 0 | 0 | 0 | 1,517 | 38 | 8 | 6 | 14 | 69 | 0 | 1,638 | 2,533 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 783 | 371 | 359 | 135 | 0 | 0 | 1,648 | 0 | 0 | 0 | 2,792 | 47 | 13 | 14 | 27 | 17 | 0 | 2,883 | 4,531 | |
| TL1 | 1,521 | 794 | 234 | 110 | 2 | 1 | 2,662 | 0 | 0 | 0 | 4,508 | 63 | 30 | 19 | 49 | 37 | 0 | 4,657 | 7,319 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 20 | 17 | 0 | 0 | 0 | 0 | 37 | 0 | 5 | 5 | 62 | 0 | 1 | 1 | 2 | 0 | 0 | 64 | 106 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 18 | 5 | 4 | 1 | 0 | 0 | 28 | 0 | 0 | 0 | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 77 | |
| TL6 | 223 | 108 | 43 | 32 | 0 | 0 | 406 | 0 | 0 | 0 | 690 | 9 | 4 | 4 | 8 | 7 | 0 | 714 | 1,120 | |
| TL7 | 163 | 57 | 3 | 3 | 1 | 0 | 227 | 0 | 4 | 4 | 384 | 1 | 2 | 2 | 4 | 2 | 0 | 391 | 622 | |
| TL8 | 57 | 19 | 9 | 3 | 0 | 0 | 88 | 0 | 0 | 0 | 150 | 3 | 1 | 1 | 2 | 1 | 0 | 156 | 244 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 43 | 6 | 47 | 7 | 0 | 0 | 103 | 0 | 0 | 0 | 176 | 6 | 0 | 0 | 0 | 3 | 0 | 185 | 288 | |
| TL11 | 52 | 20 | 19 | 3 | 0 | 0 | 94 | 0 | 0 | 0 | 159 | 5 | 1 | 1 | 2 | 5 | 0 | 171 | 265 | |
| TL12 | 1,156 | 525 | 423 | 101 | 1 | 0 | 2,206 | 0 | 7 | 7 | 3,739 | 50 | 19 | 17 | 36 | 27 | 0 | 3,852 | 6,065 | |
| TL13 | 661 | 289 | 119 | 35 | 0 | 0 | 1,104 | 0 | 0 | 0 | 1,871 | 35 | 11 | 15 | 26 | 30 | 0 | 1,962 | 3,066 | |
| 合計 | 7,533 | 3,234 | 1,714 | 689 | 10 | 2 | 13,182 | 0 | 33 | 33 | 22,337 | 336 | 119 | 105 | 224 | 274 | 0 | 23,171 | 36,386 | |

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 4,666 | 1,210 | 1,673 | 1,384 | 0 | 0 | 8,933 | 0 | 0 | 0 | 15,134 | 371 | 43 | 34 | 77 | 83 | 0 | 15,665 | 24,598 | |
| TR2 | 50 | 15 | 52 | 2 | 0 | 0 | 119 | 1 | 0 | 1 | 201 | 3 | 1 | 1 | 2 | 1 | 0 | 207 | 327 | |
| TR3 | 201 | 79 | 18 | 6 | 1 | 0 | 305 | 0 | 7 | 7 | 516 | 5 | 3 | 3 | 6 | 3 | 0 | 530 | 842 | |
| TR4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | |
| TR5 | 1,045 | 566 | 122 | 57 | 2 | 1 | 1,793 | 0 | 5 | 5 | 3,034 | 31 | 21 | 19 | 40 | 61 | 0 | 3,166 | 4,964 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,249 | 245 | 157 | 172 | 4 | 1 | 1,828 | 0 | 5 | 5 | 3,097 | 46 | 9 | 6 | 15 | 22 | 0 | 3,180 | 5,013 | |
| TR8 | 564 | 223 | 137 | 37 | 0 | 0 | 961 | 0 | 0 | 0 | 1,629 | 42 | 8 | 6 | 14 | 69 | 0 | 1,754 | 2,715 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 1,116 | 496 | 486 | 205 | 0 | 0 | 2,303 | 0 | 0 | 0 | 3,902 | 63 | 19 | 17 | 36 | 26 | 0 | 4,027 | 6,330 | |
| TL1 | 1,537 | 803 | 235 | 111 | 2 | 1 | 2,689 | 0 | 0 | 0 | 4,554 | 63 | 30 | 19 | 49 | 38 | 0 | 4,704 | 7,393 | |
| TL2 | 18,998 | 11,761 | 4,868 | 2,310 | 12 | 4 | 37,953 | 0 | 0 | 0 | 64,292 | 1,207 | 427 | 321 | 748 | 1,360 | 0 | 67,607 | 105,560 | |
| TL3 | 35 | 25 | 0 | 0 | 0 | 0 | 60 | 0 | 6 | 6 | 101 | 0 | 1 | 1 | 2 | 0 | 0 | 103 | 169 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 18 | 5 | 4 | 1 | 0 | 0 | 28 | 0 | 0 | 0 | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 77 | |
| TL6 | 277 | 134 | 48 | 39 | 0 | 0 | 498 | 0 | 0 | 0 | 844 | 11 | 5 | 4 | 9 | 9 | 0 | 873 | 1,371 | |
| TL7 | 166 | 58 | 3 | 3 | 1 | 0 | 231 | 0 | 4 | 4 | 392 | 1 | 2 | 2 | 4 | 2 | 0 | 399 | 634 | |
| TL8 | 76 | 25 | 12 | 5 | 0 | 0 | 118 | 0 | 0 | 0 | 198 | 4 | 1 | 1 | 2 | 1 | 0 | 205 | 323 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 45 | 6 | 48 | 7 | 0 | 0 | 106 | 0 | 0 | 0 | 180 | 6 | 0 | 0 | 0 | 3 | 0 | 189 | 295 | |
| TL11 | 76 | 33 | 32 | 5 | 0 | 0 | 146 | 0 | 0 | 0 | 247 | 7 | 1 | 2 | 3 | 8 | 0 | 265 | 411 | |
| TL12 | 1,494 | 646 | 636 | 135 | 1 | 0 | 2,912 | 0 | 7 | 7 | 4,933 | 68 | 24 | 19 | 43 | 38 | 0 | 5,082 | 8,001 | |
| TL13 | 944 | 434 | 178 | 51 | 0 | 0 | 1,607 | 0 | 0 | 0 | 2,721 | 47 | 16 | 21 | 37 | 41 | 0 | 2,846 | 4,453 | |
| 合計 | 32,605 | 16,775 | 8,709 | 4,530 | 23 | 7 | 62,649 | 1 | 34 | 35 | 106,124 | 1,976 | 611 | 476 | 1,087 | 1,765 | 0 | 110,952 | 173,636 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 5,839 | 1,567 | 1,773 | 1,530 | 1 | 0 | 10,710 | 0 | 0 | 0 | 18,143 | 457 | 56 | 38 | 94 | 107 | 0 | 18,801 | 29,511 | |
| TR2 | 287 | 107 | 212 | 10 | 0 | 0 | 616 | 2 | 2 | 4 | 1,045 | 11 | 4 | 4 | 8 | 3 | 0 | 1,067 | 1,687 | |
| TR3 | 323 | 127 | 25 | 10 | 1 | 1 | 487 | 0 | 9 | 9 | 824 | 7 | 5 | 5 | 10 | 4 | 0 | 845 | 1,341 | |
| TR4 | 10 | 3 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 38 | |
| TR5 | 1,463 | 777 | 166 | 81 | 2 | 1 | 2,490 | 0 | 5 | 5 | 4,218 | 43 | 28 | 23 | 51 | 82 | 0 | 4,394 | 6,889 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,331 | 251 | 160 | 177 | 4 | 1 | 1,924 | 0 | 5 | 5 | 3,261 | 50 | 9 | 6 | 15 | 22 | 0 | 3,348 | 5,277 | |
| TR8 | 656 | 258 | 147 | 41 | 1 | 0 | 1,103 | 0 | 0 | 0 | 1,867 | 48 | 10 | 7 | 17 | 78 | 0 | 2,010 | 3,113 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 2,133 | 900 | 631 | 328 | 0 | 0 | 3,992 | 0 | 0 | 0 | 6,762 | 113 | 32 | 22 | 54 | 42 | 0 | 6,971 | 10,963 | |
| TL1 | 1,560 | 807 | 235 | 112 | 2 | 1 | 2,717 | 0 | 0 | 0 | 4,601 | 64 | 30 | 19 | 49 | 38 | 0 | 4,752 | 7,469 | |
| TL2 | 29,999 | 18,056 | 7,410 | 3,520 | 20 | 7 | 59,012 | 0 | 2 | 2 | 99,967 | 1,905 | 672 | 495 | 1,167 | 1,856 | 0 | 104,895 | 163,909 | |
| TL3 | 37 | 26 | 0 | 0 | 0 | 0 | 63 | 0 | 6 | 6 | 107 | 0 | 1 | 1 | 2 | 0 | 0 | 109 | 178 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 46 | 16 | 9 | 1 | 1 | 0 | 73 | 0 | 0 | 0 | 123 | 3 | 1 | 1 | 2 | 0 | 0 | 128 | 201 | |
| TL6 | 378 | 174 | 59 | 51 | 0 | 0 | 662 | 0 | 0 | 0 | 1,122 | 15 | 6 | 5 | 11 | 12 | 0 | 1,160 | 1,822 | |
| TL7 | 203 | 72 | 4 | 5 | 1 | 0 | 285 | 0 | 4 | 4 | 482 | 1 | 3 | 2 | 5 | 2 | 0 | 490 | 779 | |
| TL8 | 104 | 35 | 17 | 7 | 0 | 0 | 163 | 0 | 0 | 0 | 274 | 5 | 1 | 1 | 2 | 2 | 0 | 283 | 446 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 80 | 12 | 61 | 11 | 0 | 0 | 164 | 0 | 0 | 0 | 277 | 10 | 0 | 0 | 0 | 5 | 0 | 292 | 456 | |
| TL11 | 163 | 69 | 72 | 15 | 0 | 0 | 319 | 0 | 0 | 0 | 542 | 14 | 3 | 3 | 6 | 22 | 0 | 584 | 903 | |
| TL12 | 2,319 | 961 | 913 | 185 | 2 | 1 | 4,381 | 0 | 7 | 7 | 7,419 | 102 | 35 | 24 | 59 | 62 | 0 | 7,642 | 12,030 | |
| TL13 | 2,506 | 1,255 | 422 | 131 | 1 | 0 | 4,315 | 0 | 0 | 0 | 7,308 | 111 | 44 | 41 | 85 | 122 | 0 | 7,626 | 11,941 | |
| 合計 | 49,482 | 25,483 | 12,317 | 6,215 | 36 | 12 | 93,545 | 2 | 40 | 42 | 158,459 | 2,959 | 940 | 697 | 1,637 | 2,459 | 0 | 165,514 | 259,101 | |

様式－3　　被害額　天竜川直轄河川改修事業 整備計画実施前河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 6,635 | 1,639 | 1,809 | 1,599 | 1 | 0 | 11,683 | 0 | 0 | 0 | 19,793 | 518 | 62 | 39 | 101 | 108 | 0 | 20,520 | 32,203 | |
| TR2 | 450 | 163 | 269 | 14 | 0 | 0 | 896 | 2 | 3 | 5 | 1,517 | 16 | 6 | 5 | 11 | 5 | 0 | 1,549 | 2,450 | |
| TR3 | 461 | 187 | 30 | 13 | 2 | 1 | 694 | 0 | 10 | 10 | 1,175 | 9 | 7 | 5 | 12 | 6 | 0 | 1,202 | 1,906 | |
| TR4 | 24 | 9 | 1 | 1 | 0 | 0 | 35 | 0 | 0 | 0 | 59 | 0 | 0 | 1 | 1 | 0 | 0 | 60 | 95 | |
| TR5 | 1,749 | 917 | 195 | 101 | 2 | 1 | 2,965 | 0 | 5 | 5 | 5,021 | 51 | 34 | 26 | 60 | 99 | 0 | 5,231 | 8,201 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,332 | 251 | 160 | 177 | 4 | 1 | 1,925 | 0 | 5 | 5 | 3,262 | 50 | 9 | 6 | 15 | 22 | 0 | 3,349 | 5,279 | |
| TR8 | 714 | 276 | 152 | 43 | 1 | 0 | 1,186 | 0 | 0 | 0 | 2,008 | 51 | 10 | 7 | 17 | 80 | 0 | 2,156 | 3,342 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 2,720 | 1,035 | 710 | 381 | 0 | 0 | 4,846 | 0 | 0 | 0 | 8,209 | 147 | 39 | 26 | 65 | 45 | 0 | 8,466 | 13,312 | |
| TL1 | 1,560 | 807 | 235 | 112 | 2 | 1 | 2,717 | 0 | 0 | 0 | 4,601 | 64 | 30 | 19 | 49 | 38 | 0 | 4,752 | 7,469 | |
| TL2 | 34,693 | 21,447 | 8,651 | 4,038 | 26 | 9 | 68,864 | 0 | 2 | 2 | 116,655 | 2,181 | 798 | 584 | 1,382 | 2,081 | 0 | 122,299 | 191,165 | |
| TL3 | 62 | 45 | 0 | 0 | 0 | 0 | 107 | 0 | 6 | 6 | 182 | 0 | 2 | 1 | 3 | 1 | 0 | 186 | 299 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 79 | 24 | 16 | 2 | 1 | 0 | 122 | 0 | 2 | 2 | 206 | 5 | 1 | 1 | 2 | 1 | 0 | 214 | 338 | |
| TL6 | 441 | 195 | 62 | 56 | 0 | 0 | 754 | 0 | 0 | 0 | 1,277 | 17 | 7 | 5 | 12 | 13 | 0 | 1,319 | 2,073 | |
| TL7 | 227 | 77 | 5 | 5 | 1 | 0 | 315 | 0 | 5 | 5 | 532 | 2 | 3 | 2 | 5 | 3 | 0 | 542 | 862 | |
| TL8 | 139 | 46 | 20 | 9 | 0 | 0 | 214 | 0 | 0 | 0 | 361 | 7 | 2 | 1 | 3 | 4 | 0 | 375 | 589 | |
| TL9 | 550 | 279 | 21 | 14 | 4 | 1 | 869 | 0 | 26 | 26 | 1,472 | 7 | 10 | 9 | 19 | 8 | 0 | 1,506 | 2,401 | |
| TL10 | 108 | 13 | 67 | 13 | 0 | 0 | 201 | 0 | 0 | 0 | 340 | 14 | 1 | 0 | 1 | 5 | 0 | 360 | 561 | |
| TL11 | 285 | 120 | 89 | 23 | 0 | 0 | 517 | 0 | 0 | 0 | 874 | 22 | 4 | 3 | 7 | 37 | 0 | 940 | 1,457 | |
| TL12 | 3,016 | 1,140 | 1,065 | 211 | 2 | 1 | 5,435 | 0 | 8 | 8 | 9,206 | 140 | 43 | 29 | 72 | 76 | 0 | 9,494 | 14,937 | |
| TL13 | 4,607 | 2,119 | 568 | 200 | 2 | 1 | 7,497 | 0 | 0 | 0 | 12,699 | 196 | 77 | 53 | 130 | 204 | 0 | 13,229 | 20,726 | |
| 合計 | 59,897 | 30,799 | 14,125 | 7,012 | 48 | 16 | 111,897 | 2 | 72 | 74 | 189,542 | 3,497 | 1,145 | 822 | 1,967 | 2,836 | 0 | 197,842 | 309,813 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／1．1、下流1／1．75　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／3、下流1／2　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 34 | 2 | 1 | 1 | 0 | 0 | 38 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 100 | |
| L34 | 49 | 2 | 1 | 1 | 0 | 0 | 53 | 2 | 0 | 2 | 91 | 1 | 0 | 0 | 0 | 0 | 0 | 92 | 147 | |
| L35 | 87 | 16 | 9 | 7 | 1 | 0 | 120 | 9 | 0 | 9 | 201 | 8 | 3 | 3 | 6 | 0 | 0 | 215 | 344 | |
| L36 | 156 | 12 | 1 | 0 | 0 | 0 | 169 | 6 | 0 | 6 | 285 | 0 | 1 | 1 | 2 | 0 | 0 | 287 | 462 | |
| L37 | 2 | 15 | 13 | 4 | 0 | 0 | 34 | 0 | 0 | 0 | 58 | 8 | 3 | 3 | 6 | 0 | 0 | 72 | 106 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 73 | 0 | 0 | 0 | 0 | 0 | 73 | 2 | 0 | 2 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 124 | 199 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 45 | 2 | 0 | 0 | 0 | 0 | 47 | 3 | 0 | 3 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 128 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 7 | |
| R54 | 4 | 2 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 21 | 4 | 1 | 1 | 0 | 0 | 27 | 1 | 0 | 1 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 73 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 66 | 13 | 0 | 0 | 0 | 0 | 79 | 5 | 0 | 5 | 134 | 0 | 2 | 2 | 4 | 0 | 0 | 138 | 222 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 112 | 85 | 77 | 24 | 0 | 0 | 298 | 0 | 1 | 1 | 505 | 48 | 15 | 15 | 30 | 1 | 0 | 584 | 883 | |
| L87 | 153 | 39 | 8 | 8 | 0 | 0 | 208 | 5 | 0 | 5 | 352 | 8 | 4 | 4 | 8 | 0 | 0 | 368 | 581 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 802 | 194 | 112 | 47 | 1 | 0 | 1,156 | 33 | 1 | 34 | 1,952 | 73 | 28 | 28 | 56 | 1 | 0 | 2,082 | 3,272 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／8、下流1／6　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 48 | 144 | 99 | 33 | 1 | 0 | 325 | 0 | 9 | 9 | 551 | 34 | 8 | 4 | 12 | 4 | 0 | 601 | 935 | |
| L4 | 100 | 44 | 40 | 17 | 1 | 0 | 202 | 1 | 0 | 1 | 343 | 9 | 2 | 1 | 3 | 0 | 0 | 355 | 558 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 89 | 6 | 6 | 5 | 0 | 0 | 106 | 1 | 1 | 2 | 180 | 4 | 1 | 1 | 2 | 0 | 0 | 186 | 294 | |
| L34 | 320 | 5 | 2 | 2 | 0 | 0 | 329 | 3 | 0 | 3 | 554 | 1 | 0 | 0 | 0 | 0 | 0 | 555 | 887 | |
| L35 | 118 | 39 | 22 | 16 | 1 | 0 | 196 | 9 | 0 | 9 | 334 | 13 | 4 | 4 | 8 | 0 | 0 | 355 | 560 | |
| L36 | 157 | 19 | 1 | 0 | 0 | 0 | 177 | 7 | 0 | 7 | 298 | 0 | 1 | 1 | 2 | 0 | 0 | 300 | 484 | |
| L37 | 13 | 48 | 21 | 7 | 1 | 0 | 90 | 1 | 0 | 1 | 151 | 9 | 4 | 4 | 8 | 0 | 0 | 168 | 259 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 835 | 5 | 1 | 1 | 0 | 0 | 842 | 11 | 0 | 11 | 1,425 | 1 | 0 | 0 | 0 | 0 | 0 | 1,426 | 2,279 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 2 | 0 | 2 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 60 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 51 | 3 | 0 | 0 | 0 | 0 | 54 | 4 | 0 | 4 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 151 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 48 | 51 | 5 | 5 | 2 | 1 | 112 | 11 | 0 | 11 | 186 | 1 | 2 | 1 | 3 | 0 | 0 | 190 | 313 | |
| R51 | 25 | 1 | 0 | 0 | 0 | 0 | 26 | 1 | 0 | 1 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 70 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 10 | 3 | 0 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | |
| R54 | 8 | 3 | 1 | 1 | 0 | 0 | 13 | 1 | 0 | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 36 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 369 | 17 | 1 | 1 | 0 | 0 | 388 | 4 | 0 | 4 | 658 | 0 | 1 | 1 | 2 | 0 | 0 | 660 | 1,052 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 66 | 21 | 7 | 3 | 0 | 0 | 97 | 4 | 0 | 4 | 165 | 3 | 3 | 3 | 6 | 0 | 0 | 174 | 275 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 256 | 61 | 0 | 0 | 2 | 1 | 320 | 11 | 1 | 12 | 544 | 1 | 4 | 3 | 7 | 0 | 0 | 552 | 884 | |
| L82 | 196 | 33 | 2 | 0 | 0 | 0 | 231 | 17 | 1 | 18 | 394 | 2 | 5 | 5 | 10 | 0 | 0 | 406 | 655 | |
| L83 | 26 | 31 | 28 | 18 | 0 | 0 | 103 | 3 | 0 | 3 | 174 | 7 | 2 | 2 | 4 | 0 | 0 | 185 | 291 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 47 | 149 | 155 | 69 | 0 | 0 | 420 | 0 | 0 | 0 | 713 | 30 | 7 | 5 | 12 | 14 | 0 | 769 | 1,189 | |
| L86 | 1,329 | 2,173 | 1,406 | 474 | 13 | 4 | 5,399 | 2 | 1 | 3 | 9,147 | 415 | 109 | 78 | 187 | 115 | 0 | 9,864 | 15,266 | |
| L87 | 247 | 72 | 13 | 11 | 0 | 0 | 343 | 6 | 0 | 6 | 581 | 11 | 7 | 6 | 13 | 0 | 0 | 605 | 954 | |
| L88 | 23 | 13 | 29 | 15 | 0 | 0 | 80 | 6 | 0 | 6 | 135 | 10 | 2 | 2 | 4 | 0 | 0 | 149 | 235 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 110 | 11 | 0 | 0 | 0 | 0 | 121 | 1 | 0 | 1 | 205 | 0 | 1 | 1 | 2 | 0 | 0 | 207 | 329 | |
| L100 | 1 | 45 | 7 | 5 | 1 | 0 | 59 | 4 | 0 | 4 | 102 | 2 | 2 | 2 | 4 | 0 | 0 | 108 | 171 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 4,496 | 3,013 | 1,849 | 683 | 22 | 6 | 10,069 | 111 | 13 | 124 | 17,057 | 553 | 165 | 124 | 289 | 133 | 0 | 18,032 | 28,225 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／30、下流1／18　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 124 | 312 | 204 | 70 | 3 | 1 | 714 | 1 | 11 | 12 | 1,207 | 54 | 14 | 7 | 21 | 8 | 0 | 1,290 | 2,016 | |
| L4 | 150 | 83 | 76 | 31 | 2 | 1 | 343 | 1 | 1 | 2 | 579 | 14 | 3 | 2 | 5 | 0 | 0 | 598 | 943 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 151 | 17 | 12 | 10 | 0 | 0 | 190 | 1 | 3 | 4 | 323 | 7 | 1 | 1 | 2 | 0 | 0 | 332 | 526 | |
| L34 | 320 | 5 | 2 | 2 | 0 | 0 | 329 | 3 | 0 | 3 | 555 | 1 | 0 | 0 | 0 | 0 | 0 | 556 | 888 | |
| L35 | 299 | 95 | 52 | 47 | 3 | 1 | 497 | 12 | 0 | 12 | 843 | 20 | 5 | 5 | 10 | 4 | 0 | 877 | 1,386 | |
| L36 | 157 | 24 | 1 | 1 | 0 | 0 | 183 | 7 | 0 | 7 | 310 | 1 | 1 | 1 | 2 | 0 | 0 | 313 | 503 | |
| L37 | 13 | 69 | 27 | 9 | 1 | 0 | 119 | 1 | 0 | 1 | 203 | 10 | 5 | 5 | 10 | 0 | 0 | 223 | 343 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 14 | 15 | 3 | 2 | 0 | 0 | 34 | 1 | 0 | 1 | 59 | 1 | 1 | 0 | 1 | 0 | 0 | 61 | 96 | |
| R41 | 849 | 13 | 1 | 3 | 0 | 0 | 866 | 17 | 0 | 17 | 1,468 | 2 | 1 | 0 | 1 | 0 | 0 | 1,471 | 2,354 | |
| R42 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 62 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 132 | 87 | 0 | 0 | 6 | 2 | 227 | 19 | 0 | 19 | 384 | 0 | 3 | 2 | 5 | 0 | 0 | 389 | 635 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 64 | 56 | 5 | 5 | 2 | 1 | 133 | 12 | 0 | 12 | 226 | 1 | 3 | 1 | 4 | 0 | 0 | 231 | 376 | |
| R51 | 33 | 25 | 0 | 0 | 1 | 0 | 59 | 5 | 0 | 5 | 99 | 0 | 1 | 1 | 2 | 0 | 0 | 101 | 165 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 15 | 11 | 1 | 1 | 0 | 29 | 1 | 0 | 1 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 78 | |
| R54 | 43 | 11 | 4 | 4 | 0 | 0 | 62 | 4 | 0 | 4 | 104 | 1 | 1 | 0 | 1 | 0 | 0 | 106 | 172 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 94 | 5 | 2 | 2 | 0 | 0 | 103 | 2 | 0 | 2 | 173 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 278 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L62 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| R63 | 1,203 | 47 | 1 | 1 | 0 | 0 | 1,252 | 11 | 0 | 11 | 2,123 | 0 | 2 | 1 | 3 | 0 | 0 | 2,126 | 3,389 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 178 | 291 | 830 | 229 | 0 | 0 | 1,528 | 3 | 0 | 3 | 2,587 | 325 | 52 | 51 | 103 | 15 | 0 | 3,030 | 4,561 | |
| R67 | 544 | 529 | 280 | 118 | 3 | 1 | 1,475 | 0 | 0 | 0 | 2,497 | 65 | 17 | 11 | 28 | 27 | 0 | 2,617 | 4,092 | |
| R68 | 1,326 | 1,743 | 1,069 | 392 | 8 | 2 | 4,540 | 0 | 0 | 0 | 7,692 | 326 | 81 | 69 | 150 | 71 | 0 | 8,239 | 12,779 | |
| R69 | 151 | 39 | 10 | 7 | 0 | 0 | 207 | 6 | 0 | 6 | 350 | 4 | 4 | 4 | 8 | 0 | 0 | 362 | 575 | |
| R70 | 56 | 23 | 25 | 15 | 0 | 0 | 119 | 3 | 0 | 3 | 203 | 5 | 1 | 1 | 2 | 0 | 0 | 210 | 332 | |
| R71 | 37 | 19 | 19 | 10 | 0 | 0 | 85 | 3 | 0 | 3 | 142 | 7 | 2 | 2 | 4 | 0 | 0 | 153 | 241 | |
| R72 | 5 | 8 | 38 | 23 | 0 | 0 | 74 | 1 | 0 | 1 | 125 | 11 | 2 | 2 | 4 | 0 | 0 | 140 | 215 | |
| R73 | 57 | 67 | 219 | 108 | 0 | 0 | 451 | 8 | 0 | 8 | 765 | 90 | 14 | 14 | 28 | 1 | 0 | 884 | 1,343 | |
| R74 | 71 | 0 | 0 | 0 | 0 | 0 | 71 | 5 | 0 | 5 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 196 | |
| R75 | 218 | 94 | 19 | 11 | 2 | 1 | 345 | 7 | 0 | 7 | 584 | 5 | 5 | 4 | 9 | 0 | 0 | 598 | 950 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 175 | 110 | 64 | 64 | 0 | 0 | 413 | 6 | 1 | 7 | 699 | 10 | 6 | 3 | 9 | 0 | 0 | 718 | 1,138 | |
| R78 | 4 | 13 | 10 | 9 | 0 | 0 | 36 | 1 | 0 | 1 | 61 | 2 | 1 | 1 | 2 | 0 | 0 | 65 | 102 | |
| R79 | 63 | 32 | 0 | 0 | 0 | 0 | 95 | 4 | 0 | 4 | 162 | 0 | 1 | 1 | 2 | 0 | 0 | 164 | 263 | |
| R80 | 13 | 2 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 41 | |
| L81 | 562 | 170 | 1 | 2 | 10 | 3 | 748 | 19 | 1 | 20 | 1,266 | 1 | 8 | 6 | 14 | 0 | 0 | 1,281 | 2,049 | |
| L82 | 414 | 57 | 3 | 1 | 1 | 0 | 476 | 21 | 1 | 22 | 805 | 2 | 7 | 7 | 14 | 0 | 0 | 821 | 1,319 | |
| L83 | 29 | 33 | 31 | 19 | 0 | 0 | 112 | 4 | 0 | 4 | 188 | 8 | 3 | 2 | 5 | 0 | 0 | 201 | 317 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 76 | 312 | 307 | 142 | 1 | 0 | 838 | 1 | 0 | 1 | 1,420 | 74 | 18 | 10 | 28 | 39 | 0 | 1,561 | 2,400 | |
| L86 | 2,290 | 3,392 | 2,042 | 715 | 21 | 6 | 8,466 | 3 | 1 | 4 | 14,342 | 499 | 139 | 97 | 236 | 160 | 0 | 15,237 | 23,707 | |
| L87 | 517 | 197 | 43 | 31 | 0 | 0 | 788 | 17 | 0 | 17 | 1,335 | 28 | 19 | 18 | 37 | 1 | 0 | 1,401 | 2,206 | |
| L88 | 53 | 140 | 89 | 51 | 1 | 0 | 334 | 14 | 0 | 14 | 565 | 30 | 14 | 12 | 26 | 2 | 0 | 623 | 971 | |
| L89 | 54 | 6 | 18 | 13 | 0 | 0 | 91 | 5 | 1 | 6 | 155 | 5 | 1 | 1 | 2 | 0 | 0 | 162 | 259 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 11 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 8 | 2 | 2 | 0 | 0 | 12 | 1 | 0 | 1 | 21 | 0 | 1 | 0 | 1 | 0 | 0 | 22 | 35 | |
| L96 | 180 | 53 | 10 | 9 | 2 | 0 | 254 | 4 | 0 | 4 | 429 | 2 | 3 | 2 | 5 | 0 | 0 | 436 | 694 | |
| L97 | 409 | 69 | 43 | 42 | 0 | 0 | 563 | 5 | 4 | 9 | 955 | 6 | 4 | 2 | 6 | 0 | 0 | 967 | 1,539 | |
| L98 | 173 | 14 | 0 | 0 | 0 | 0 | 187 | 2 | 0 | 2 | 316 | 0 | 1 | 0 | 1 | 0 | 0 | 317 | 506 | |
| L99 | 785 | 49 | 0 | 0 | 2 | 1 | 837 | 4 | 0 | 4 | 1,417 | 0 | 3 | 1 | 4 | 0 | 0 | 1,421 | 2,262 | |
| L100 | 6 | 75 | 12 | 9 | 2 | 1 | 105 | 5 | 0 | 5 | 179 | 3 | 4 | 3 | 7 | 0 | 0 | 189 | 299 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 0 | 1 | 0 | 1 | 0 | 0 | 43 | 71 | |
| R105 | 28 | 3 | 1 | 1 | 0 | 0 | 33 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 90 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 46 | 346 | 266 | 159 | 1 | 0 | 818 | 4 | 0 | 4 | 1,386 | 69 | 19 | 14 | 33 | 11 | 0 | 1,499 | 2,321 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 12,191 | 8,802 | 5,858 | 2,374 | 73 | 21 | 29,319 | 260 | 24 | 284 | 49,657 | 1,689 | 472 | 364 | 836 | 339 | 0 | 52,521 | 82,124 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／50、下流1／27　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 132 | 405 | 259 | 92 | 4 | 1 | 893 | 1 | 11 | 12 | 1,510 | 57 | 16 | 8 | 24 | 9 | 0 | 1,600 | 2,505 | |
| L4 | 150 | 100 | 110 | 47 | 2 | 1 | 410 | 1 | 1 | 2 | 693 | 19 | 4 | 2 | 6 | 0 | 0 | 718 | 1,130 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 182 | 40 | 25 | 26 | 1 | 0 | 274 | 1 | 3 | 4 | 464 | 8 | 2 | 1 | 3 | 1 | 0 | 476 | 754 | |
| L34 | 320 | 5 | 2 | 2 | 0 | 0 | 329 | 3 | 0 | 3 | 555 | 1 | 0 | 0 | 0 | 0 | 0 | 556 | 888 | |
| L35 | 344 | 162 | 84 | 96 | 4 | 1 | 691 | 12 | 0 | 12 | 1,170 | 21 | 6 | 5 | 11 | 4 | 0 | 1,206 | 1,909 | |
| L36 | 157 | 24 | 1 | 1 | 0 | 0 | 183 | 7 | 0 | 7 | 311 | 1 | 2 | 1 | 3 | 0 | 0 | 315 | 505 | |
| L37 | 13 | 71 | 27 | 9 | 1 | 0 | 121 | 1 | 0 | 1 | 207 | 10 | 5 | 5 | 10 | 0 | 0 | 227 | 349 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 21 | 16 | 3 | 2 | 0 | 0 | 42 | 1 | 0 | 1 | 72 | 1 | 1 | 0 | 1 | 0 | 0 | 74 | 117 | |
| R41 | 913 | 21 | 2 | 5 | 0 | 0 | 941 | 19 | 0 | 19 | 1,596 | 2 | 1 | 0 | 1 | 0 | 0 | 1,599 | 2,559 | |
| R42 | 1 | 3 | 0 | 1 | 0 | 0 | 5 | 1 | 0 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 15 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 62 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 12 | 0 | 0 | 2 | 0 | 89 | 3 | 0 | 3 | 152 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 244 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 107 | 0 | 0 | 7 | 2 | 261 | 20 | 0 | 20 | 442 | 0 | 4 | 3 | 7 | 0 | 0 | 449 | 730 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 97 | 61 | 6 | 6 | 2 | 1 | 173 | 13 | 0 | 13 | 293 | 1 | 3 | 1 | 4 | 0 | 0 | 298 | 484 | |
| R51 | 33 | 26 | 0 | 0 | 1 | 0 | 60 | 5 | 0 | 5 | 102 | 0 | 1 | 1 | 2 | 0 | 0 | 104 | 169 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 16 | 15 | 1 | 1 | 0 | 34 | 1 | 0 | 1 | 56 | 0 | 1 | 0 | 1 | 0 | 0 | 57 | 92 | |
| R54 | 80 | 14 | 5 | 5 | 0 | 0 | 104 | 5 | 0 | 5 | 175 | 1 | 1 | 1 | 2 | 0 | 0 | 178 | 287 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 112 | 6 | 2 | 2 | 0 | 0 | 122 | 3 | 0 | 3 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 333 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 8 | 1 | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 28 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 29 | |
| R63 | 1,653 | 74 | 1 | 1 | 0 | 0 | 1,729 | 28 | 0 | 28 | 2,931 | 0 | 5 | 4 | 9 | 0 | 0 | 2,940 | 4,697 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 58 | 66 | 103 | 49 | 0 | 0 | 276 | 14 | 0 | 14 | 469 | 67 | 16 | 16 | 32 | 1 | 0 | 569 | 859 | |
| R66 | 687 | 2,200 | 2,556 | 675 | 7 | 2 | 6,127 | 9 | 0 | 9 | 10,380 | 509 | 116 | 90 | 206 | 67 | 0 | 11,162 | 17,298 | |
| R67 | 602 | 667 | 354 | 147 | 4 | 1 | 1,775 | 0 | 0 | 0 | 3,007 | 101 | 28 | 16 | 44 | 50 | 0 | 3,202 | 4,977 | |
| R68 | 4,167 | 4,641 | 2,313 | 985 | 22 | 6 | 12,134 | 0 | 0 | 0 | 20,554 | 534 | 160 | 106 | 266 | 254 | 0 | 21,608 | 33,742 | |
| R69 | 290 | 80 | 16 | 13 | 0 | 0 | 399 | 8 | 0 | 8 | 676 | 5 | 5 | 5 | 10 | 0 | 0 | 691 | 1,098 | |
| R70 | 81 | 32 | 32 | 22 | 0 | 0 | 167 | 3 | 0 | 3 | 282 | 5 | 1 | 1 | 2 | 0 | 0 | 289 | 459 | |
| R71 | 50 | 39 | 28 | 15 | 0 | 0 | 132 | 3 | 0 | 3 | 224 | 9 | 3 | 3 | 6 | 0 | 0 | 239 | 374 | |
| R72 | 7 | 19 | 52 | 32 | 0 | 0 | 110 | 1 | 0 | 1 | 186 | 13 | 2 | 2 | 4 | 0 | 0 | 203 | 314 | |
| R73 | 60 | 78 | 226 | 111 | 0 | 0 | 475 | 9 | 0 | 9 | 805 | 91 | 15 | 15 | 30 | 1 | 0 | 927 | 1,411 | |
| R74 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 5 | 0 | 5 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 224 | |
| R75 | 380 | 142 | 27 | 18 | 3 | 1 | 571 | 11 | 0 | 11 | 967 | 6 | 6 | 6 | 12 | 0 | 0 | 985 | 1,567 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 258 | 148 | 83 | 85 | 0 | 0 | 574 | 7 | 1 | 8 | 972 | 12 | 7 | 3 | 10 | 0 | 0 | 994 | 1,576 | |
| R78 | 5 | 13 | 10 | 10 | 0 | 0 | 38 | 1 | 0 | 1 | 64 | 2 | 1 | 1 | 2 | 0 | 0 | 68 | 107 | |
| R79 | 76 | 41 | 0 | 0 | 0 | 0 | 117 | 5 | 0 | 5 | 198 | 0 | 2 | 1 | 3 | 0 | 0 | 201 | 323 | |
| R80 | 15 | 2 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 46 | |
| L81 | 630 | 213 | 1 | 2 | 12 | 3 | 861 | 22 | 1 | 23 | 1,460 | 1 | 11 | 7 | 18 | 0 | 0 | 1,479 | 2,363 | |
| L82 | 474 | 71 | 4 | 1 | 1 | 0 | 551 | 23 | 1 | 24 | 933 | 3 | 8 | 7 | 15 | 0 | 0 | 951 | 1,526 | |
| L83 | 29 | 34 | 32 | 19 | 0 | 0 | 114 | 4 | 0 | 4 | 192 | 8 | 3 | 2 | 5 | 0 | 0 | 205 | 323 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 300 | 574 | 784 | 210 | 1 | 0 | 1,869 | 7 | 0 | 7 | 3,167 | 160 | 35 | 22 | 57 | 40 | 0 | 3,424 | 5,300 | |
| L86 | 4,013 | 4,843 | 2,648 | 985 | 30 | 8 | 12,527 | 3 | 1 | 4 | 21,220 | 577 | 173 | 113 | 286 | 237 | 0 | 22,320 | 34,851 | |
| L87 | 621 | 273 | 55 | 41 | 1 | 0 | 991 | 18 | 0 | 18 | 1,677 | 34 | 23 | 21 | 44 | 1 | 0 | 1,756 | 2,765 | |
| L88 | 66 | 151 | 108 | 61 | 1 | 0 | 387 | 15 | 0 | 15 | 658 | 37 | 15 | 13 | 28 | 2 | 0 | 725 | 1,127 | |
| L89 | 70 | 6 | 20 | 14 | 0 | 0 | 110 | 6 | 1 | 7 | 185 | 6 | 1 | 1 | 2 | 0 | 0 | 193 | 310 | |
| L90 | 4 | 1 | 1 | 1 | 0 | 0 | 7 | 1 | 0 | 1 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 20 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 25 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 90 | 11 | 12 | 3 | 1 | 240 | 7 | 0 | 7 | 405 | 1 | 3 | 2 | 5 | 0 | 0 | 411 | 658 | |
| L96 | 289 | 79 | 23 | 20 | 2 | 1 | 414 | 6 | 3 | 9 | 700 | 5 | 4 | 3 | 7 | 0 | 0 | 712 | 1,135 | |
| L97 | 853 | 193 | 113 | 119 | 1 | 0 | 1,279 | 10 | 5 | 15 | 2,167 | 16 | 10 | 4 | 14 | 0 | 0 | 2,197 | 3,491 | |
| L98 | 182 | 15 | 0 | 0 | 0 | 0 | 197 | 2 | 0 | 2 | 334 | 0 | 1 | 1 | 2 | 0 | 0 | 336 | 535 | |
| L99 | 865 | 55 | 0 | 0 | 2 | 1 | 923 | 5 | 0 | 5 | 1,562 | 0 | 3 | 2 | 5 | 0 | 0 | 1,567 | 2,495 | |
| L100 | 9 | 87 | 16 | 12 | 3 | 1 | 128 | 6 | 0 | 6 | 216 | 4 | 5 | 3 | 8 | 0 | 0 | 228 | 362 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 0 | 1 | 0 | 1 | 0 | 0 | 43 | 71 | |
| R105 | 28 | 24 | 6 | 5 | 0 | 0 | 63 | 1 | 0 | 1 | 106 | 1 | 1 | 1 | 2 | 0 | 0 | 109 | 173 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 81 | 481 | 337 | 203 | 1 | 0 | 1,103 | 7 | 0 | 7 | 1,869 | 85 | 25 | 18 | 43 | 14 | 0 | 2,011 | 3,121 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 19,941 | 16,552 | 10,508 | 4,170 | 119 | 31 | 51,321 | 350 | 28 | 378 | 86,930 | 2,416 | 736 | 517 | 1,253 | 681 | 0 | 91,280 | 142,979 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／62、下流1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 150 | 459 | 290 | 104 | 4 | 1 | 1,008 | 1 | 13 | 14 | 1,707 | 77 | 22 | 9 | 31 | 15 | 0 | 1,830 | 2,852 | |
| L4 | 151 | 115 | 117 | 50 | 3 | 1 | 437 | 1 | 2 | 3 | 739 | 24 | 5 | 2 | 7 | 0 | 0 | 770 | 1,210 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 210 | 55 | 32 | 38 | 1 | 0 | 336 | 1 | 3 | 4 | 570 | 8 | 2 | 1 | 3 | 1 | 0 | 582 | 922 | |
| L34 | 320 | 5 | 2 | 2 | 0 | 0 | 329 | 3 | 0 | 3 | 556 | 1 | 0 | 0 | 0 | 0 | 0 | 557 | 889 | |
| L35 | 417 | 175 | 91 | 103 | 4 | 1 | 791 | 14 | 0 | 14 | 1,340 | 24 | 6 | 5 | 11 | 4 | 0 | 1,379 | 2,184 | |
| L36 | 157 | 26 | 1 | 1 | 0 | 0 | 185 | 8 | 0 | 8 | 313 | 1 | 2 | 1 | 3 | 0 | 0 | 317 | 510 | |
| L37 | 13 | 71 | 27 | 9 | 1 | 0 | 121 | 1 | 0 | 1 | 207 | 10 | 5 | 5 | 10 | 0 | 0 | 227 | 349 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 28 | 19 | 4 | 3 | 0 | 0 | 54 | 1 | 0 | 1 | 91 | 1 | 1 | 0 | 1 | 0 | 0 | 93 | 148 | |
| R41 | 913 | 24 | 2 | 6 | 0 | 0 | 945 | 19 | 0 | 19 | 1,602 | 2 | 1 | 0 | 1 | 0 | 0 | 1,605 | 2,569 | |
| R42 | 1 | 5 | 1 | 1 | 0 | 0 | 8 | 2 | 0 | 2 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 25 | |
| R43 | 13 | 10 | 0 | 0 | 0 | 0 | 23 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 63 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 14 | 0 | 0 | 2 | 1 | 92 | 4 | 0 | 4 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 252 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 107 | 0 | 0 | 7 | 2 | 261 | 20 | 0 | 20 | 442 | 0 | 4 | 3 | 7 | 0 | 0 | 449 | 730 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 87 | 61 | 6 | 6 | 2 | 1 | 163 | 13 | 0 | 13 | 276 | 1 | 3 | 1 | 4 | 0 | 0 | 281 | 457 | |
| R51 | 33 | 32 | 0 | 0 | 1 | 0 | 66 | 6 | 0 | 6 | 113 | 0 | 1 | 1 | 2 | 0 | 0 | 115 | 187 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 16 | 15 | 1 | 1 | 0 | 34 | 1 | 0 | 1 | 56 | 0 | 1 | 0 | 1 | 0 | 0 | 57 | 92 | |
| R54 | 82 | 14 | 5 | 5 | 0 | 0 | 106 | 5 | 0 | 5 | 178 | 1 | 1 | 1 | 2 | 0 | 0 | 181 | 292 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 116 | 6 | 2 | 2 | 0 | 0 | 126 | 3 | 0 | 3 | 214 | 0 | 0 | 0 | 0 | 0 | 0 | 214 | 343 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 8 | 1 | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 28 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| R63 | 1,712 | 80 | 1 | 1 | 0 | 0 | 1,794 | 29 | 0 | 29 | 3,040 | 0 | 5 | 4 | 9 | 0 | 0 | 3,049 | 4,872 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 59 | 75 | 107 | 51 | 0 | 0 | 292 | 14 | 0 | 14 | 496 | 68 | 16 | 17 | 33 | 1 | 0 | 598 | 904 | |
| R66 | 797 | 2,916 | 3,015 | 845 | 10 | 3 | 7,586 | 10 | 0 | 10 | 12,851 | 540 | 127 | 97 | 224 | 83 | 0 | 13,698 | 21,294 | |
| R67 | 645 | 723 | 380 | 159 | 5 | 1 | 1,913 | 0 | 0 | 0 | 3,239 | 108 | 30 | 16 | 46 | 55 | 0 | 3,448 | 5,361 | |
| R68 | 4,823 | 5,247 | 2,546 | 1,107 | 25 | 7 | 13,755 | 0 | 0 | 0 | 23,301 | 607 | 189 | 116 | 305 | 320 | 0 | 24,533 | 38,288 | |
| R69 | 325 | 104 | 19 | 16 | 0 | 0 | 464 | 9 | 0 | 9 | 785 | 6 | 6 | 5 | 11 | 0 | 0 | 802 | 1,275 | |
| R70 | 88 | 34 | 34 | 24 | 0 | 0 | 180 | 4 | 0 | 4 | 304 | 5 | 1 | 1 | 2 | 0 | 0 | 311 | 495 | |
| R71 | 58 | 55 | 33 | 18 | 0 | 0 | 164 | 4 | 0 | 4 | 278 | 10 | 4 | 3 | 7 | 0 | 0 | 295 | 463 | |
| R72 | 7 | 21 | 57 | 35 | 0 | 0 | 120 | 1 | 0 | 1 | 203 | 14 | 2 | 2 | 4 | 0 | 0 | 221 | 342 | |
| R73 | 62 | 90 | 237 | 116 | 0 | 0 | 505 | 9 | 0 | 9 | 857 | 93 | 15 | 15 | 30 | 1 | 0 | 981 | 1,495 | |
| R74 | 83 | 0 | 0 | 0 | 0 | 0 | 83 | 5 | 0 | 5 | 141 | 0 | 0 | 0 | 0 | 0 | 0 | 141 | 229 | |
| R75 | 424 | 159 | 29 | 20 | 4 | 1 | 637 | 11 | 1 | 12 | 1,078 | 6 | 7 | 6 | 13 | 0 | 0 | 1,097 | 1,746 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 283 | 165 | 91 | 96 | 0 | 0 | 635 | 8 | 1 | 9 | 1,075 | 12 | 7 | 3 | 10 | 0 | 0 | 1,097 | 1,741 | |
| R78 | 5 | 13 | 10 | 10 | 0 | 0 | 38 | 1 | 0 | 1 | 64 | 2 | 1 | 1 | 2 | 0 | 0 | 68 | 107 | |
| R79 | 76 | 41 | 0 | 0 | 0 | 0 | 117 | 5 | 0 | 5 | 198 | 0 | 1 | 1 | 2 | 0 | 0 | 200 | 322 | |
| R80 | 94 | 15 | 0 | 0 | 1 | 0 | 110 | 1 | 0 | 1 | 186 | 0 | 0 | 0 | 0 | 0 | 0 | 186 | 297 | |
| L81 | 667 | 234 | 1 | 3 | 13 | 4 | 922 | 23 | 1 | 24 | 1,561 | 1 | 12 | 8 | 20 | 0 | 0 | 1,582 | 2,528 | |
| L82 | 493 | 75 | 4 | 1 | 1 | 0 | 574 | 23 | 1 | 24 | 972 | 3 | 8 | 8 | 16 | 0 | 0 | 991 | 1,589 | |
| L83 | 29 | 34 | 32 | 19 | 0 | 0 | 114 | 4 | 0 | 4 | 192 | 8 | 3 | 2 | 5 | 0 | 0 | 205 | 323 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 342 | 627 | 858 | 227 | 1 | 0 | 2,055 | 9 | 0 | 9 | 3,483 | 176 | 38 | 25 | 63 | 41 | 0 | 3,763 | 5,827 | |
| L86 | 4,765 | 5,464 | 2,909 | 1,104 | 33 | 9 | 14,284 | 3 | 2 | 5 | 24,198 | 621 | 188 | 120 | 308 | 271 | 0 | 25,398 | 39,687 | |
| L87 | 649 | 303 | 61 | 46 | 1 | 0 | 1,060 | 19 | 0 | 19 | 1,795 | 37 | 25 | 23 | 48 | 1 | 0 | 1,881 | 2,960 | |
| L88 | 84 | 163 | 125 | 74 | 2 | 0 | 448 | 16 | 0 | 16 | 757 | 42 | 16 | 14 | 30 | 2 | 0 | 831 | 1,295 | |
| L89 | 71 | 6 | 20 | 14 | 0 | 0 | 111 | 6 | 1 | 7 | 187 | 6 | 1 | 1 | 2 | 0 | 0 | 195 | 313 | |
| L90 | 4 | 1 | 2 | 1 | 0 | 0 | 8 | 1 | 0 | 1 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 22 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 10 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 94 | 11 | 12 | 4 | 1 | 245 | 7 | 0 | 7 | 413 | 1 | 3 | 2 | 5 | 0 | 0 | 419 | 671 | |
| L96 | 345 | 98 | 34 | 31 | 2 | 1 | 511 | 6 | 6 | 12 | 866 | 6 | 5 | 3 | 8 | 0 | 0 | 880 | 1,403 | |
| L97 | 909 | 204 | 118 | 124 | 1 | 0 | 1,356 | 10 | 6 | 16 | 2,297 | 17 | 10 | 5 | 15 | 0 | 0 | 2,329 | 3,701 | |
| L98 | 185 | 15 | 0 | 0 | 0 | 0 | 200 | 2 | 0 | 2 | 339 | 0 | 1 | 1 | 2 | 0 | 0 | 341 | 543 | |
| L99 | 874 | 57 | 0 | 0 | 2 | 1 | 934 | 5 | 0 | 5 | 1,582 | 0 | 3 | 2 | 5 | 0 | 0 | 1,587 | 2,526 | |
| L100 | 9 | 92 | 18 | 14 | 3 | 1 | 137 | 7 | 0 | 7 | 231 | 4 | 5 | 3 | 8 | 0 | 0 | 243 | 387 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 4 | 2 | 2 | 0 | 0 | 8 | 1 | 0 | 1 | 13 | 1 | 1 | 1 | 2 | 0 | 0 | 16 | 25 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 1 | 1 | 0 | 1 | 0 | 0 | 44 | 72 | |
| R105 | 28 | 24 | 6 | 5 | 0 | 0 | 63 | 1 | 0 | 1 | 106 | 1 | 1 | 1 | 2 | 0 | 0 | 109 | 173 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 172 | 559 | 418 | 248 | 1 | 0 | 1,398 | 7 | 0 | 7 | 2,369 | 105 | 31 | 22 | 53 | 18 | 0 | 2,545 | 3,950 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 22,248 | 19,028 | 11,781 | 4,761 | 135 | 36 | 57,989 | 370 | 37 | 407 | 98,219 | 2,653 | 817 | 557 | 1,374 | 813 | 0 | 103,059 | 161,455 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：上流1／100、下流1／55　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 168 | 468 | 299 | 107 | 4 | 1 | 1,047 | 1 | 13 | 14 | 1,772 | 109 | 29 | 11 | 40 | 19 | 0 | 1,940 | 3,001 | |
| L4 | 174 | 160 | 341 | 103 | 3 | 1 | 782 | 2 | 3 | 5 | 1,325 | 76 | 9 | 5 | 14 | 0 | 0 | 1,415 | 2,202 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 1,331 | 1,318 | 439 | 318 | 12 | 3 | 3,421 | 15 | 5 | 20 | 5,794 | 126 | 66 | 29 | 95 | 40 | 0 | 6,055 | 9,496 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 13 | 0 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 37 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 44 | 16 | 1 | 0 | 0 | 0 | 61 | 3 | 0 | 3 | 104 | 1 | 2 | 1 | 3 | 0 | 0 | 108 | 172 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 246 | 75 | 43 | 52 | 2 | 0 | 418 | 1 | 3 | 4 | 706 | 12 | 3 | 1 | 4 | 4 | 0 | 726 | 1,148 | |
| L34 | 351 | 9 | 3 | 4 | 0 | 0 | 367 | 4 | 0 | 4 | 622 | 1 | 0 | 0 | 0 | 0 | 0 | 623 | 994 | |
| L35 | 725 | 257 | 123 | 142 | 7 | 2 | 1,256 | 18 | 0 | 18 | 2,127 | 37 | 10 | 7 | 17 | 10 | 0 | 2,191 | 3,465 | |
| L36 | 159 | 39 | 2 | 1 | 0 | 0 | 201 | 9 | 0 | 9 | 342 | 1 | 2 | 1 | 3 | 0 | 0 | 346 | 556 | |
| L37 | 13 | 194 | 56 | 26 | 3 | 1 | 293 | 1 | 0 | 1 | 496 | 13 | 7 | 6 | 13 | 3 | 0 | 525 | 819 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 40 | 19 | 4 | 3 | 0 | 0 | 66 | 1 | 0 | 1 | 111 | 1 | 1 | 1 | 2 | 0 | 0 | 114 | 181 | |
| R41 | 995 | 28 | 3 | 7 | 0 | 0 | 1,033 | 21 | 0 | 21 | 1,750 | 4 | 1 | 1 | 2 | 0 | 0 | 1,756 | 2,810 | |
| R42 | 35 | 16 | 4 | 5 | 0 | 0 | 60 | 4 | 0 | 4 | 100 | 5 | 1 | 1 | 2 | 0 | 0 | 107 | 171 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 79 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 21 | 0 | 0 | 3 | 1 | 100 | 5 | 0 | 5 | 168 | 0 | 1 | 1 | 2 | 0 | 0 | 170 | 275 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 170 | 0 | 0 | 11 | 3 | 329 | 23 | 0 | 23 | 556 | 0 | 6 | 3 | 9 | 0 | 0 | 565 | 917 | |
| R48 | 116 | 0 | 0 | 0 | 0 | 0 | 116 | 1 | 0 | 1 | 196 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 313 | |
| R49 | 13 | 3 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 45 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 368 | 1 | 3 | 1 | 4 | 0 | 0 | 373 | 605 | |
| R51 | 54 | 42 | 0 | 0 | 2 | 1 | 99 | 8 | 0 | 8 | 166 | 0 | 1 | 1 | 2 | 0 | 0 | 168 | 275 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 21 | 25 | 1 | 1 | 0 | 49 | 2 | 0 | 2 | 84 | 0 | 1 | 0 | 1 | 0 | 0 | 85 | 136 | |
| R54 | 91 | 15 | 5 | 5 | 0 | 0 | 116 | 5 | 0 | 5 | 196 | 1 | 1 | 1 | 2 | 0 | 0 | 199 | 320 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 135 | 8 | 3 | 2 | 0 | 0 | 148 | 3 | 0 | 3 | 250 | 0 | 1 | 0 | 1 | 0 | 0 | 251 | 402 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 14 | 1 | 1 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 44 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| R63 | 1,872 | 97 | 1 | 1 | 0 | 0 | 1,971 | 32 | 0 | 32 | 3,341 | 0 | 7 | 4 | 11 | 0 | 0 | 3,352 | 5,355 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 65 | 102 | 122 | 60 | 0 | 0 | 349 | 14 | 0 | 14 | 591 | 74 | 18 | 18 | 36 | 1 | 0 | 702 | 1,065 | |
| R66 | 891 | 3,675 | 3,609 | 1,105 | 13 | 3 | 9,296 | 11 | 0 | 11 | 15,747 | 616 | 151 | 111 | 262 | 122 | 0 | 16,747 | 26,054 | |
| R67 | 646 | 742 | 390 | 162 | 5 | 1 | 1,946 | 0 | 0 | 0 | 3,297 | 129 | 37 | 18 | 55 | 70 | 0 | 3,551 | 5,497 | |
| R68 | 6,352 | 6,595 | 2,921 | 1,373 | 34 | 9 | 17,284 | 0 | 0 | 0 | 29,280 | 712 | 234 | 130 | 364 | 405 | 0 | 30,761 | 48,045 | |
| R69 | 473 | 180 | 27 | 27 | 0 | 0 | 707 | 13 | 0 | 13 | 1,197 | 7 | 7 | 6 | 13 | 0 | 0 | 1,217 | 1,937 | |
| R70 | 135 | 53 | 47 | 36 | 0 | 0 | 271 | 5 | 0 | 5 | 460 | 6 | 2 | 1 | 3 | 0 | 0 | 469 | 745 | |
| R71 | 88 | 89 | 41 | 24 | 0 | 0 | 242 | 7 | 0 | 7 | 410 | 11 | 5 | 4 | 9 | 0 | 0 | 430 | 679 | |
| R72 | 25 | 53 | 114 | 76 | 1 | 0 | 269 | 7 | 0 | 7 | 455 | 30 | 6 | 5 | 11 | 1 | 0 | 497 | 773 | |
| R73 | 72 | 103 | 243 | 119 | 0 | 0 | 537 | 9 | 0 | 9 | 912 | 94 | 16 | 16 | 32 | 1 | 0 | 1,039 | 1,585 | |
| R74 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 5 | 0 | 5 | 143 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 232 | |
| R75 | 670 | 276 | 43 | 33 | 6 | 2 | 1,030 | 16 | 1 | 17 | 1,744 | 7 | 9 | 7 | 16 | 0 | 0 | 1,767 | 2,814 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 355 | 193 | 106 | 113 | 0 | 0 | 767 | 9 | 1 | 10 | 1,298 | 14 | 9 | 4 | 13 | 0 | 0 | 1,325 | 2,102 | |
| R78 | 8 | 21 | 16 | 14 | 0 | 0 | 59 | 2 | 0 | 2 | 101 | 2 | 1 | 1 | 2 | 0 | 0 | 105 | 166 | |
| R79 | 135 | 65 | 0 | 0 | 1 | 0 | 201 | 7 | 0 | 7 | 340 | 0 | 2 | 1 | 3 | 0 | 0 | 343 | 551 | |
| R80 | 101 | 16 | 0 | 0 | 1 | 0 | 118 | 1 | 0 | 1 | 199 | 0 | 0 | 0 | 0 | 0 | 0 | 199 | 318 | |
| L81 | 825 | 280 | 1 | 3 | 16 | 4 | 1,129 | 27 | 2 | 29 | 1,913 | 2 | 15 | 9 | 24 | 0 | 0 | 1,939 | 3,097 | |
| L82 | 555 | 108 | 22 | 9 | 2 | 1 | 697 | 24 | 1 | 25 | 1,179 | 11 | 11 | 10 | 21 | 0 | 0 | 1,211 | 1,933 | |
| L83 | 43 | 78 | 90 | 45 | 0 | 0 | 256 | 6 | 0 | 6 | 434 | 27 | 6 | 5 | 11 | 0 | 0 | 472 | 734 | |
| L84 | 19 | 516 | 196 | 191 | 3 | 1 | 926 | 10 | 0 | 10 | 1,568 | 44 | 18 | 11 | 29 | 7 | 0 | 1,648 | 2,584 | |
| L85 | 397 | 731 | 1,008 | 255 | 2 | 1 | 2,394 | 9 | 0 | 9 | 4,054 | 202 | 44 | 29 | 73 | 46 | 0 | 4,375 | 6,778 | |
| L86 | 5,696 | 6,567 | 3,503 | 1,340 | 41 | 11 | 17,158 | 4 | 3 | 7 | 29,064 | 735 | 233 | 135 | 368 | 373 | 0 | 30,540 | 47,705 | |
| L87 | 753 | 416 | 78 | 60 | 1 | 0 | 1,308 | 21 | 0 | 21 | 2,218 | 44 | 30 | 28 | 58 | 1 | 0 | 2,321 | 3,650 | |
| L88 | 93 | 178 | 135 | 79 | 2 | 1 | 488 | 16 | 0 | 16 | 824 | 44 | 18 | 15 | 33 | 2 | 0 | 903 | 1,407 | |
| L89 | 103 | 10 | 27 | 20 | 0 | 0 | 160 | 7 | 2 | 9 | 270 | 6 | 1 | 1 | 2 | 0 | 0 | 278 | 447 | |
| L90 | 8 | 2 | 3 | 1 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 25 | 40 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 11 | 2 | 4 | 2 | 0 | 0 | 19 | 0 | 0 | 0 | 32 | 2 | 1 | 1 | 2 | 0 | 0 | 36 | 55 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 102 | 13 | 13 | 4 | 1 | 256 | 7 | 0 | 7 | 431 | 1 | 4 | 2 | 6 | 0 | 0 | 438 | 701 | |
| L96 | 377 | 114 | 41 | 38 | 3 | 1 | 574 | 6 | 7 | 13 | 972 | 8 | 6 | 4 | 10 | 0 | 0 | 990 | 1,577 | |
| L97 | 1,021 | 214 | 123 | 132 | 1 | 0 | 1,491 | 10 | 6 | 16 | 2,527 | 18 | 10 | 5 | 15 | 0 | 0 | 2,560 | 4,067 | |
| L98 | 190 | 16 | 0 | 0 | 0 | 0 | 206 | 2 | 0 | 2 | 350 | 0 | 1 | 1 | 2 | 0 | 0 | 352 | 560 | |
| L99 | 978 | 75 | 0 | 0 | 3 | 1 | 1,057 | 6 | 0 | 6 | 1,791 | 0 | 3 | 2 | 5 | 0 | 0 | 1,796 | 2,859 | |
| L100 | 9 | 129 | 24 | 19 | 4 | 1 | 186 | 9 | 0 | 9 | 316 | 5 | 6 | 4 | 10 | 0 | 0 | 331 | 526 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 25 | 8 | 8 | 1 | 0 | 42 | 2 | 0 | 2 | 69 | 2 | 1 | 1 | 2 | 0 | 0 | 73 | 117 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 1 | 1 | 0 | 1 | 0 | 0 | 44 | 72 | |
| R105 | 28 | 31 | 8 | 6 | 0 | 0 | 73 | 1 | 0 | 1 | 124 | 1 | 2 | 1 | 3 | 1 | 0 | 129 | 203 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 376 | 784 | 580 | 368 | 2 | 0 | 2,110 | 8 | 0 | 8 | 3,575 | 122 | 37 | 25 | 62 | 24 | 0 | 3,783 | 5,901 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 28,690 | 25,620 | 14,910 | 6,523 | 197 | 52 | 75,992 | 461 | 47 | 508 | 128,712 | 3,367 | 1,097 | 686 | 1,783 | 1,130 | 0 | 134,992 | 211,492 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施前河道
流量規模：下流1／100　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 178 | 514 | 326 | 118 | 5 | 1 | 1,142 | 1 | 13 | 14 | 1,933 | 116 | 31 | 11 | 42 | 21 | 0 | 2,112 | 3,268 | |
| L4 | 178 | 310 | 968 | 360 | 7 | 2 | 1,825 | 2 | 3 | 5 | 3,089 | 98 | 12 | 6 | 18 | 6 | 0 | 3,211 | 5,041 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 1,467 | 1,491 | 491 | 363 | 13 | 4 | 3,829 | 16 | 7 | 23 | 6,486 | 147 | 79 | 34 | 113 | 50 | 0 | 6,796 | 10,648 | |
| R7 | 42 | 109 | 54 | 28 | 1 | 0 | 234 | 6 | 3 | 9 | 396 | 10 | 4 | 3 | 7 | 0 | 0 | 413 | 656 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 135 | 2 | 1 | 0 | 0 | 0 | 138 | 0 | 0 | 0 | 234 | 1 | 0 | 0 | 0 | 0 | 0 | 235 | 373 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 35 | 15 | 1 | 0 | 0 | 0 | 51 | 3 | 0 | 3 | 86 | 1 | 1 | 1 | 2 | 0 | 0 | 89 | 143 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 245 | 74 | 43 | 51 | 2 | 0 | 415 | 1 | 3 | 4 | 702 | 12 | 3 | 1 | 4 | 4 | 0 | 722 | 1,141 | |
| L34 | 349 | 9 | 3 | 4 | 0 | 0 | 365 | 4 | 0 | 4 | 618 | 1 | 0 | 0 | 0 | 0 | 0 | 619 | 988 | |
| L35 | 627 | 246 | 118 | 138 | 7 | 2 | 1,138 | 17 | 0 | 17 | 1,927 | 36 | 10 | 7 | 17 | 9 | 0 | 1,989 | 3,144 | |
| L36 | 159 | 35 | 2 | 1 | 0 | 0 | 197 | 8 | 0 | 8 | 336 | 1 | 2 | 1 | 3 | 0 | 0 | 340 | 545 | |
| L37 | 13 | 193 | 56 | 25 | 3 | 1 | 291 | 1 | 0 | 1 | 495 | 13 | 7 | 6 | 13 | 3 | 0 | 524 | 816 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 39 | 19 | 4 | 3 | 0 | 0 | 65 | 1 | 0 | 1 | 110 | 1 | 1 | 0 | 1 | 0 | 0 | 112 | 178 | |
| R41 | 995 | 27 | 3 | 6 | 0 | 0 | 1,031 | 21 | 0 | 21 | 1,747 | 4 | 1 | 1 | 2 | 0 | 0 | 1,753 | 2,805 | |
| R42 | 23 | 12 | 4 | 4 | 0 | 0 | 43 | 4 | 0 | 4 | 71 | 5 | 1 | 1 | 2 | 0 | 0 | 78 | 125 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 78 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 18 | 0 | 0 | 2 | 1 | 96 | 4 | 0 | 4 | 162 | 0 | 1 | 0 | 1 | 0 | 0 | 163 | 263 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 155 | 0 | 0 | 10 | 3 | 313 | 22 | 0 | 22 | 529 | 0 | 5 | 3 | 8 | 0 | 0 | 537 | 872 | |
| R48 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 1 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 81 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 120 | 68 | 7 | 7 | 3 | 1 | 206 | 13 | 0 | 13 | 346 | 1 | 3 | 1 | 4 | 0 | 0 | 351 | 570 | |
| R51 | 54 | 42 | 0 | 0 | 2 | 1 | 99 | 8 | 0 | 8 | 166 | 0 | 1 | 1 | 2 | 0 | 0 | 168 | 275 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 21 | 24 | 1 | 1 | 0 | 48 | 2 | 0 | 2 | 80 | 0 | 1 | 0 | 1 | 0 | 0 | 81 | 131 | |
| R54 | 14 | 6 | 2 | 2 | 0 | 0 | 24 | 2 | 0 | 2 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 65 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 17 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| R63 | 1,067 | 42 | 1 | 1 | 0 | 0 | 1,111 | 10 | 0 | 10 | 1,883 | 0 | 1 | 1 | 2 | 0 | 0 | 1,885 | 3,006 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 10 | 4 | 2 | 1 | 0 | 0 | 17 | 1 | 0 | 1 | 28 | 1 | 1 | 1 | 2 | 0 | 0 | 31 | 49 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 481 | 121 | 0 | 1 | 7 | 2 | 612 | 18 | 1 | 19 | 1,035 | 1 | 7 | 5 | 12 | 0 | 0 | 1,048 | 1,679 | |
| L82 | 370 | 53 | 3 | 1 | 1 | 0 | 428 | 21 | 1 | 22 | 724 | 2 | 7 | 7 | 14 | 0 | 0 | 740 | 1,190 | |
| L83 | 29 | 33 | 31 | 19 | 0 | 0 | 112 | 4 | 0 | 4 | 188 | 8 | 2 | 2 | 4 | 0 | 0 | 200 | 316 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 47 | 87 | 112 | 41 | 0 | 0 | 287 | 0 | 0 | 0 | 488 | 25 | 5 | 4 | 9 | 7 | 0 | 529 | 816 | |
| L86 | 1,252 | 1,877 | 1,277 | 423 | 12 | 3 | 4,844 | 2 | 1 | 3 | 8,206 | 393 | 100 | 72 | 172 | 102 | 0 | 8,873 | 13,720 | |
| L87 | 242 | 68 | 13 | 11 | 0 | 0 | 334 | 6 | 0 | 6 | 566 | 11 | 6 | 6 | 12 | 0 | 0 | 589 | 929 | |
| L88 | 10 | 5 | 5 | 5 | 0 | 0 | 25 | 1 | 0 | 1 | 43 | 1 | 0 | 0 | 0 | 0 | 0 | 44 | 70 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 40 | 7 | 5 | 1 | 0 | 53 | 3 | 0 | 3 | 89 | 2 | 2 | 2 | 4 | 0 | 0 | 95 | 151 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 8,459 | 5,707 | 3,558 | 1,619 | 77 | 21 | 19,441 | 206 | 32 | 238 | 32,921 | 891 | 294 | 177 | 471 | 202 | 0 | 34,485 | 54,164 | |

様式－3　　被害額　天竜川直轄河川改修事業 現況河道　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 4 | 12 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 27 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 4 | 12 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 27 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 114,023 | 69,188 | 47,480 | 16,109 | 123 | 45 | 246,968 | 252 | 234 | 486 | 418,367 | 13,673 | 3,443 | 6,001 | 9,444 | 4,893 | 0 | 446,377 | 693,831 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 41,354 | 21,440 | 11,633 | 4,906 | 117 | 43 | 79,493 | 437 | 203 | 640 | 134,663 | 3,410 | 1,028 | 1,713 | 2,741 | 907 | 0 | 141,721 | 221,854 | |
| L2 | 27 | 7 | 8 | 4 | 0 | 0 | 46 | 9 | 26 | 35 | 80 | 3 | 0 | 1 | 1 | 0 | 0 | 84 | 165 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 155,404 | 90,635 | 59,121 | 21,019 | 240 | 88 | 326,507 | 698 | 463 | 1,161 | 553,110 | 17,086 | 4,471 | 7,715 | 12,186 | 5,800 | 0 | 588,182 | 915,850 | |

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 140,910 | 87,135 | 58,486 | 20,007 | 152 | 56 | 306,746 | 319 | 319 | 638 | 519,632 | 16,584 | 4,271 | 7,380 | 11,651 | 6,009 | 0 | 553,876 | 861,260 | |
| R2 | 24,398 | 12,150 | 10,654 | 4,429 | 41 | 15 | 51,687 | 134 | 493 | 627 | 87,556 | 2,885 | 672 | 1,169 | 1,841 | 831 | 0 | 93,113 | 145,427 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 55,563 | 31,033 | 16,159 | 6,831 | 178 | 67 | 109,831 | 529 | 350 | 879 | 186,053 | 4,318 | 1,340 | 2,125 | 3,465 | 1,221 | 0 | 195,057 | 305,767 | |
| L2 | 6,660 | 4,567 | 3,523 | 2,575 | 71 | 27 | 17,423 | 69 | 220 | 289 | 29,512 | 742 | 163 | 165 | 328 | 337 | 0 | 30,919 | 48,631 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 227,531 | 134,885 | 88,822 | 33,842 | 442 | 165 | 485,687 | 1,051 | 1,382 | 2,433 | 822,753 | 24,529 | 6,446 | 10,839 | 17,285 | 8,398 | 0 | 872,965 | 1,361,085 | |

様式－3　　被害額　天竜川直轄河川改修事業　現況河道　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 149,648 | 94,749 | 61,922 | 21,332 | 166 | 61 | 327,878 | 330 | 344 | 674 | 555,434 | 17,295 | 4,537 | 7,779 | 12,316 | 6,353 | 0 | 591,398 | 919,950 | |
| R2 | 27,295 | 13,542 | 11,714 | 4,917 | 46 | 17 | 57,531 | 139 | 625 | 764 | 97,455 | 3,174 | 750 | 1,304 | 2,054 | 910 | 0 | 103,593 | 161,888 | |
| R3 | 2,159 | 1,014 | 1,215 | 740 | 3 | 1 | 5,132 | 0 | 58 | 58 | 8,692 | 294 | 42 | 63 | 105 | 41 | 0 | 9,132 | 14,322 | |
| L1 | 62,229 | 35,462 | 18,374 | 7,821 | 203 | 77 | 124,166 | 568 | 425 | 993 | 210,334 | 4,749 | 1,488 | 2,299 | 3,787 | 1,375 | 0 | 220,245 | 345,404 | |
| L2 | 8,312 | 5,162 | 3,779 | 2,780 | 80 | 30 | 20,143 | 81 | 245 | 326 | 34,122 | 822 | 189 | 195 | 384 | 374 | 0 | 35,702 | 56,171 | |
| L3 | 1,080 | 357 | 63 | 36 | 3 | 1 | 1,540 | 4 | 58 | 62 | 2,611 | 21 | 20 | 37 | 57 | 6 | 0 | 2,695 | 4,297 | |
| 合計 | 250,723 | 150,286 | 97,067 | 37,626 | 501 | 187 | 536,390 | 1,122 | 1,755 | 2,877 | 908,648 | 26,355 | 7,026 | 11,677 | 18,703 | 9,059 | 0 | 962,765 | 1,502,032 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 182,405 | 123,613 | 76,303 | 26,494 | 224 | 85 | 409,124 | 377 | 434 | 811 | 693,068 | 20,159 | 5,509 | 9,174 | 14,683 | 7,683 | 0 | 735,593 | 1,145,528 | |
| R2 | 39,242 | 18,548 | 15,458 | 6,433 | 59 | 21 | 79,761 | 173 | 891 | 1,064 | 135,113 | 4,319 | 1,100 | 1,914 | 3,014 | 1,321 | 0 | 143,767 | 224,592 | |
| R3 | 3,723 | 1,706 | 2,214 | 1,450 | 5 | 2 | 9,100 | 0 | 77 | 77 | 15,415 | 459 | 66 | 89 | 155 | 72 | 0 | 16,101 | 25,278 | |
| L1 | 80,051 | 48,115 | 24,459 | 11,078 | 272 | 105 | 164,080 | 623 | 519 | 1,142 | 277,951 | 5,762 | 1,901 | 2,713 | 4,614 | 1,814 | 0 | 290,141 | 455,363 | |
| L2 | 10,997 | 6,366 | 4,809 | 3,660 | 97 | 35 | 25,964 | 91 | 330 | 421 | 43,983 | 1,144 | 244 | 253 | 497 | 475 | 0 | 46,099 | 72,484 | |
| L3 | 1,289 | 518 | 80 | 46 | 5 | 2 | 1,940 | 5 | 65 | 70 | 3,283 | 24 | 24 | 42 | 66 | 8 | 0 | 3,381 | 5,391 | |
| 合計 | 317,707 | 198,866 | 123,323 | 49,161 | 662 | 250 | 689,969 | 1,269 | 2,316 | 3,585 | 1,168,813 | 31,867 | 8,844 | 14,185 | 23,029 | 11,373 | 0 | 1,235,082 | 1,928,636 | |

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 208,727 | 147,863 | 87,213 | 31,006 | 268 | 103 | 475,180 | 409 | 514 | 923 | 804,973 | 22,354 | 6,283 | 10,183 | 16,466 | 8,734 | 0 | 852,527 | 1,328,630 | |
| R2 | 44,251 | 20,992 | 17,169 | 7,173 | 65 | 24 | 89,674 | 194 | 946 | 1,140 | 151,907 | 4,802 | 1,242 | 2,157 | 3,399 | 1,501 | 0 | 161,609 | 252,423 | |
| R3 | 4,624 | 2,129 | 2,707 | 1,789 | 6 | 2 | 11,257 | 0 | 83 | 83 | 19,068 | 548 | 84 | 112 | 196 | 92 | 0 | 19,904 | 31,244 | |
| L1 | 93,180 | 57,675 | 28,605 | 13,216 | 312 | 122 | 193,110 | 664 | 577 | 1,241 | 327,129 | 6,459 | 2,215 | 3,001 | 5,216 | 2,143 | 0 | 340,947 | 535,298 | |
| L2 | 12,725 | 7,030 | 5,593 | 4,255 | 107 | 38 | 29,748 | 95 | 424 | 519 | 50,392 | 1,442 | 276 | 290 | 566 | 522 | 0 | 52,922 | 83,189 | |
| L3 | 2,055 | 749 | 157 | 79 | 6 | 2 | 3,048 | 7 | 96 | 103 | 5,162 | 59 | 40 | 71 | 111 | 27 | 0 | 5,359 | 8,510 | |
| 合計 | 365,562 | 236,438 | 141,444 | 57,518 | 764 | 291 | 802,017 | 1,369 | 2,640 | 4,009 | 1,358,631 | 35,664 | 10,140 | 15,814 | 25,954 | 13,019 | 0 | 1,433,268 | 2,239,294 | |

様式－3　　被害額　天竜川直轄河川改修事業 現況河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 3 | 1 | 6 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 25 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL6 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| TL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 5 | 1 | 6 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 31 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 30 | 9 | 30 | 1 | 0 | 0 | 70 | 0 | 0 | 0 | 119 | 2 | 0 | 0 | 0 | 0 | 0 | 121 | 191 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 494 | 275 | 67 | 29 | 1 | 0 | 866 | 0 | 4 | 4 | 1,467 | 15 | 10 | 10 | 20 | 32 | 0 | 1,534 | 2,404 | |
| TR6 | 24 | 6 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 81 | |
| TR7 | 1,053 | 212 | 147 | 152 | 4 | 1 | 1,569 | 0 | 5 | 5 | 2,657 | 39 | 8 | 6 | 14 | 19 | 0 | 2,729 | 4,303 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 1,249 | 665 | 211 | 94 | 2 | 1 | 2,222 | 0 | 0 | 0 | 3,761 | 52 | 25 | 17 | 42 | 32 | 0 | 3,887 | 6,109 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 13 | 7 | 0 | 0 | 0 | 0 | 20 | 0 | 5 | 5 | 35 | 0 | 0 | 1 | 1 | 0 | 0 | 36 | 61 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 6 | 2 | 3 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 29 | |
| TL6 | 141 | 68 | 31 | 21 | 0 | 0 | 261 | 0 | 0 | 0 | 441 | 6 | 3 | 3 | 6 | 5 | 0 | 458 | 719 | |
| TL7 | 131 | 43 | 2 | 2 | 1 | 0 | 179 | 0 | 4 | 4 | 303 | 1 | 2 | 1 | 3 | 1 | 0 | 308 | 491 | |
| TL8 | 28 | 9 | 4 | 2 | 0 | 0 | 43 | 0 | 0 | 0 | 73 | 2 | 0 | 0 | 0 | 0 | 0 | 75 | 118 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 16 | 2 | 14 | 2 | 0 | 0 | 34 | 0 | 0 | 0 | 56 | 3 | 0 | 0 | 0 | 1 | 0 | 60 | 94 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 545 | 268 | 153 | 55 | 0 | 0 | 1,021 | 0 | 5 | 5 | 1,729 | 24 | 10 | 10 | 20 | 14 | 0 | 1,787 | 2,813 | |
| TL13 | 136 | 48 | 20 | 6 | 0 | 0 | 210 | 0 | 0 | 0 | 357 | 7 | 2 | 4 | 6 | 5 | 0 | 375 | 585 | |
| 合計 | 3,866 | 1,614 | 682 | 364 | 8 | 2 | 6,536 | 0 | 23 | 23 | 11,067 | 151 | 60 | 52 | 112 | 109 | 0 | 11,439 | 17,998 | |

様式－3　　被害額　天竜川直轄河川改修事業 現況河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 44 | 14 | 46 | 2 | 0 | 0 | 106 | 0 | 0 | 0 | 178 | 2 | 1 | 0 | 1 | 0 | 0 | 181 | 287 | |
| TR3 | 165 | 68 | 15 | 4 | 1 | 0 | 253 | 0 | 7 | 7 | 429 | 4 | 2 | 3 | 5 | 2 | 0 | 440 | 700 | |
| TR4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | |
| TR5 | 869 | 477 | 104 | 49 | 1 | 0 | 1,500 | 0 | 5 | 5 | 2,542 | 27 | 17 | 16 | 33 | 53 | 0 | 2,655 | 4,160 | |
| TR6 | 38 | 10 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 128 | |
| TR7 | 1,208 | 237 | 155 | 168 | 4 | 1 | 1,773 | 0 | 5 | 5 | 3,004 | 45 | 9 | 6 | 15 | 21 | 0 | 3,085 | 4,863 | |
| TR8 | 509 | 216 | 134 | 36 | 0 | 0 | 895 | 0 | 0 | 0 | 1,517 | 38 | 8 | 6 | 14 | 69 | 0 | 1,638 | 2,533 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 783 | 371 | 359 | 135 | 0 | 0 | 1,648 | 0 | 0 | 0 | 2,792 | 47 | 13 | 14 | 27 | 17 | 0 | 2,883 | 4,531 | |
| TL1 | 1,521 | 794 | 234 | 110 | 2 | 1 | 2,662 | 0 | 0 | 0 | 4,508 | 63 | 30 | 19 | 49 | 37 | 0 | 4,657 | 7,319 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 20 | 17 | 0 | 0 | 0 | 0 | 37 | 0 | 5 | 5 | 62 | 0 | 1 | 1 | 2 | 0 | 0 | 64 | 106 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 18 | 5 | 4 | 1 | 0 | 0 | 28 | 0 | 0 | 0 | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 77 | |
| TL6 | 223 | 108 | 43 | 32 | 0 | 0 | 406 | 0 | 0 | 0 | 690 | 9 | 4 | 4 | 8 | 7 | 0 | 714 | 1,120 | |
| TL7 | 163 | 57 | 3 | 3 | 1 | 0 | 227 | 0 | 4 | 4 | 384 | 1 | 2 | 2 | 4 | 2 | 0 | 391 | 622 | |
| TL8 | 57 | 19 | 9 | 3 | 0 | 0 | 88 | 0 | 0 | 0 | 150 | 3 | 1 | 1 | 2 | 1 | 0 | 156 | 244 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 43 | 6 | 47 | 7 | 0 | 0 | 103 | 0 | 0 | 0 | 176 | 6 | 0 | 0 | 0 | 3 | 0 | 185 | 288 | |
| TL11 | 52 | 20 | 19 | 3 | 0 | 0 | 94 | 0 | 0 | 0 | 159 | 5 | 1 | 1 | 2 | 5 | 0 | 171 | 265 | |
| TL12 | 1,156 | 525 | 423 | 101 | 1 | 0 | 2,206 | 0 | 7 | 7 | 3,739 | 50 | 19 | 17 | 36 | 27 | 0 | 3,852 | 6,065 | |
| TL13 | 661 | 289 | 119 | 35 | 0 | 0 | 1,104 | 0 | 0 | 0 | 1,871 | 35 | 11 | 15 | 26 | 30 | 0 | 1,962 | 3,066 | |
| 合計 | 7,533 | 3,234 | 1,714 | 689 | 10 | 2 | 13,182 | 0 | 33 | 33 | 22,337 | 336 | 119 | 105 | 224 | 274 | 0 | 23,171 | 36,386 | |

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 4,666 | 1,210 | 1,673 | 1,384 | 0 | 0 | 8,933 | 0 | 0 | 0 | 15,134 | 371 | 43 | 34 | 77 | 83 | 0 | 15,665 | 24,598 | |
| TR2 | 50 | 15 | 52 | 2 | 0 | 0 | 119 | 1 | 0 | 1 | 201 | 3 | 1 | 1 | 2 | 1 | 0 | 207 | 327 | |
| TR3 | 201 | 79 | 18 | 6 | 1 | 0 | 305 | 0 | 7 | 7 | 516 | 5 | 3 | 3 | 6 | 3 | 0 | 530 | 842 | |
| TR4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | |
| TR5 | 1,045 | 566 | 122 | 57 | 2 | 1 | 1,793 | 0 | 5 | 5 | 3,034 | 31 | 21 | 19 | 40 | 61 | 0 | 3,166 | 4,964 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,249 | 245 | 157 | 172 | 4 | 1 | 1,828 | 0 | 5 | 5 | 3,097 | 46 | 9 | 6 | 15 | 22 | 0 | 3,180 | 5,013 | |
| TR8 | 564 | 223 | 137 | 37 | 0 | 0 | 961 | 0 | 0 | 0 | 1,629 | 42 | 8 | 6 | 14 | 69 | 0 | 1,754 | 2,715 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 1,116 | 496 | 486 | 205 | 0 | 0 | 2,303 | 0 | 0 | 0 | 3,902 | 63 | 19 | 17 | 36 | 26 | 0 | 4,027 | 6,330 | |
| TL1 | 1,537 | 803 | 235 | 111 | 2 | 1 | 2,689 | 0 | 0 | 0 | 4,554 | 63 | 30 | 19 | 49 | 38 | 0 | 4,704 | 7,393 | |
| TL2 | 18,998 | 11,761 | 4,868 | 2,310 | 12 | 4 | 37,953 | 0 | 0 | 0 | 64,292 | 1,207 | 427 | 321 | 748 | 1,360 | 0 | 67,607 | 105,560 | |
| TL3 | 35 | 25 | 0 | 0 | 0 | 0 | 60 | 0 | 6 | 6 | 101 | 0 | 1 | 1 | 2 | 0 | 0 | 103 | 169 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 18 | 5 | 4 | 1 | 0 | 0 | 28 | 0 | 0 | 0 | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 77 | |
| TL6 | 277 | 134 | 48 | 39 | 0 | 0 | 498 | 0 | 0 | 0 | 844 | 11 | 5 | 4 | 9 | 9 | 0 | 873 | 1,371 | |
| TL7 | 166 | 58 | 3 | 3 | 1 | 0 | 231 | 0 | 4 | 4 | 392 | 1 | 2 | 2 | 4 | 2 | 0 | 399 | 634 | |
| TL8 | 76 | 25 | 12 | 5 | 0 | 0 | 118 | 0 | 0 | 0 | 198 | 4 | 1 | 1 | 2 | 1 | 0 | 205 | 323 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 45 | 6 | 48 | 7 | 0 | 0 | 106 | 0 | 0 | 0 | 180 | 6 | 0 | 0 | 0 | 3 | 0 | 189 | 295 | |
| TL11 | 76 | 33 | 32 | 5 | 0 | 0 | 146 | 0 | 0 | 0 | 247 | 7 | 1 | 2 | 3 | 8 | 0 | 265 | 411 | |
| TL12 | 1,494 | 646 | 636 | 135 | 1 | 0 | 2,912 | 0 | 7 | 7 | 4,933 | 68 | 24 | 19 | 43 | 38 | 0 | 5,082 | 8,001 | |
| TL13 | 944 | 434 | 178 | 51 | 0 | 0 | 1,607 | 0 | 0 | 0 | 2,721 | 47 | 16 | 21 | 37 | 41 | 0 | 2,846 | 4,453 | |
| 合計 | 32,605 | 16,775 | 8,709 | 4,530 | 23 | 7 | 62,649 | 1 | 34 | 35 | 106,124 | 1,976 | 611 | 476 | 1,087 | 1,765 | 0 | 110,952 | 173,636 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 5,839 | 1,567 | 1,773 | 1,530 | 1 | 0 | 10,710 | 0 | 0 | 0 | 18,143 | 457 | 56 | 38 | 94 | 107 | 0 | 18,801 | 29,511 | |
| TR2 | 287 | 107 | 212 | 10 | 0 | 0 | 616 | 2 | 2 | 4 | 1,045 | 11 | 4 | 4 | 8 | 3 | 0 | 1,067 | 1,687 | |
| TR3 | 323 | 127 | 25 | 10 | 1 | 1 | 487 | 0 | 9 | 9 | 824 | 7 | 5 | 5 | 10 | 4 | 0 | 845 | 1,341 | |
| TR4 | 10 | 3 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 38 | |
| TR5 | 1,463 | 777 | 166 | 81 | 2 | 1 | 2,490 | 0 | 5 | 5 | 4,218 | 43 | 28 | 23 | 51 | 82 | 0 | 4,394 | 6,889 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,331 | 251 | 160 | 177 | 4 | 1 | 1,924 | 0 | 5 | 5 | 3,261 | 50 | 9 | 6 | 15 | 22 | 0 | 3,348 | 5,277 | |
| TR8 | 656 | 258 | 147 | 41 | 1 | 0 | 1,103 | 0 | 0 | 0 | 1,867 | 48 | 10 | 7 | 17 | 78 | 0 | 2,010 | 3,113 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 2,133 | 900 | 631 | 328 | 0 | 0 | 3,992 | 0 | 0 | 0 | 6,762 | 113 | 32 | 22 | 54 | 42 | 0 | 6,971 | 10,963 | |
| TL1 | 1,560 | 807 | 235 | 112 | 2 | 1 | 2,717 | 0 | 0 | 0 | 4,601 | 64 | 30 | 19 | 49 | 38 | 0 | 4,752 | 7,469 | |
| TL2 | 29,999 | 18,056 | 7,410 | 3,520 | 20 | 7 | 59,012 | 0 | 2 | 2 | 99,967 | 1,905 | 672 | 495 | 1,167 | 1,856 | 0 | 104,895 | 163,909 | |
| TL3 | 37 | 26 | 0 | 0 | 0 | 0 | 63 | 0 | 6 | 6 | 107 | 0 | 1 | 1 | 2 | 0 | 0 | 109 | 178 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 46 | 16 | 9 | 1 | 1 | 0 | 73 | 0 | 0 | 0 | 123 | 3 | 1 | 1 | 2 | 0 | 0 | 128 | 201 | |
| TL6 | 378 | 174 | 59 | 51 | 0 | 0 | 662 | 0 | 0 | 0 | 1,122 | 15 | 6 | 5 | 11 | 12 | 0 | 1,160 | 1,822 | |
| TL7 | 203 | 72 | 4 | 5 | 1 | 0 | 285 | 0 | 4 | 4 | 482 | 1 | 3 | 2 | 5 | 2 | 0 | 490 | 779 | |
| TL8 | 104 | 35 | 17 | 7 | 0 | 0 | 163 | 0 | 0 | 0 | 274 | 5 | 1 | 1 | 2 | 2 | 0 | 283 | 446 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 80 | 12 | 61 | 11 | 0 | 0 | 164 | 0 | 0 | 0 | 277 | 10 | 0 | 0 | 0 | 5 | 0 | 292 | 456 | |
| TL11 | 163 | 69 | 72 | 15 | 0 | 0 | 319 | 0 | 0 | 0 | 542 | 14 | 3 | 3 | 6 | 22 | 0 | 584 | 903 | |
| TL12 | 2,319 | 961 | 913 | 185 | 2 | 1 | 4,381 | 0 | 7 | 7 | 7,419 | 102 | 35 | 24 | 59 | 62 | 0 | 7,642 | 12,030 | |
| TL13 | 2,506 | 1,255 | 422 | 131 | 1 | 0 | 4,315 | 0 | 0 | 0 | 7,308 | 111 | 44 | 41 | 85 | 122 | 0 | 7,626 | 11,941 | |
| 合計 | 49,482 | 25,483 | 12,317 | 6,215 | 36 | 12 | 93,545 | 2 | 40 | 42 | 158,459 | 2,959 | 940 | 697 | 1,637 | 2,459 | 0 | 165,514 | 259,101 | |

様式－3　　被害額　天竜川直轄河川改修事業 現況河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 6,635 | 1,639 | 1,809 | 1,599 | 1 | 0 | 11,683 | 0 | 0 | 0 | 19,793 | 518 | 62 | 39 | 101 | 108 | 0 | 20,520 | 32,203 | |
| TR2 | 450 | 163 | 269 | 14 | 0 | 0 | 896 | 2 | 3 | 5 | 1,517 | 16 | 6 | 5 | 11 | 5 | 0 | 1,549 | 2,450 | |
| TR3 | 461 | 187 | 30 | 13 | 2 | 1 | 694 | 0 | 10 | 10 | 1,175 | 9 | 7 | 5 | 12 | 6 | 0 | 1,202 | 1,906 | |
| TR4 | 24 | 9 | 1 | 1 | 0 | 0 | 35 | 0 | 0 | 0 | 59 | 0 | 0 | 1 | 1 | 0 | 0 | 60 | 95 | |
| TR5 | 1,749 | 917 | 195 | 101 | 2 | 1 | 2,965 | 0 | 5 | 5 | 5,021 | 51 | 34 | 26 | 60 | 99 | 0 | 5,231 | 8,201 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,332 | 251 | 160 | 177 | 4 | 1 | 1,925 | 0 | 5 | 5 | 3,262 | 50 | 9 | 6 | 15 | 22 | 0 | 3,349 | 5,279 | |
| TR8 | 714 | 276 | 152 | 43 | 1 | 0 | 1,186 | 0 | 0 | 0 | 2,008 | 51 | 10 | 7 | 17 | 80 | 0 | 2,156 | 3,342 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 2,720 | 1,035 | 710 | 381 | 0 | 0 | 4,846 | 0 | 0 | 0 | 8,209 | 147 | 39 | 26 | 65 | 45 | 0 | 8,466 | 13,312 | |
| TL1 | 1,560 | 807 | 235 | 112 | 2 | 1 | 2,717 | 0 | 0 | 0 | 4,601 | 64 | 30 | 19 | 49 | 38 | 0 | 4,752 | 7,469 | |
| TL2 | 34,693 | 21,447 | 8,651 | 4,038 | 26 | 9 | 68,864 | 0 | 2 | 2 | 116,655 | 2,181 | 798 | 584 | 1,382 | 2,081 | 0 | 122,299 | 191,165 | |
| TL3 | 62 | 45 | 0 | 0 | 0 | 0 | 107 | 0 | 6 | 6 | 182 | 0 | 2 | 1 | 3 | 1 | 0 | 186 | 299 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 79 | 24 | 16 | 2 | 1 | 0 | 122 | 0 | 2 | 2 | 206 | 5 | 1 | 1 | 2 | 1 | 0 | 214 | 338 | |
| TL6 | 441 | 195 | 62 | 56 | 0 | 0 | 754 | 0 | 0 | 0 | 1,277 | 17 | 7 | 5 | 12 | 13 | 0 | 1,319 | 2,073 | |
| TL7 | 227 | 77 | 5 | 5 | 1 | 0 | 315 | 0 | 5 | 5 | 532 | 2 | 3 | 2 | 5 | 3 | 0 | 542 | 862 | |
| TL8 | 139 | 46 | 20 | 9 | 0 | 0 | 214 | 0 | 0 | 0 | 361 | 7 | 2 | 1 | 3 | 4 | 0 | 375 | 589 | |
| TL9 | 550 | 279 | 21 | 14 | 4 | 1 | 869 | 0 | 26 | 26 | 1,472 | 7 | 10 | 9 | 19 | 8 | 0 | 1,506 | 2,401 | |
| TL10 | 108 | 13 | 67 | 13 | 0 | 0 | 201 | 0 | 0 | 0 | 340 | 14 | 1 | 0 | 1 | 5 | 0 | 360 | 561 | |
| TL11 | 285 | 120 | 89 | 23 | 0 | 0 | 517 | 0 | 0 | 0 | 874 | 22 | 4 | 3 | 7 | 37 | 0 | 940 | 1,457 | |
| TL12 | 3,016 | 1,140 | 1,065 | 211 | 2 | 1 | 5,435 | 0 | 8 | 8 | 9,206 | 140 | 43 | 29 | 72 | 76 | 0 | 9,494 | 14,937 | |
| TL13 | 4,607 | 2,119 | 568 | 200 | 2 | 1 | 7,497 | 0 | 0 | 0 | 12,699 | 196 | 77 | 53 | 130 | 204 | 0 | 13,229 | 20,726 | |
| 合計 | 59,897 | 30,799 | 14,125 | 7,012 | 48 | 16 | 111,897 | 2 | 72 | 74 | 189,542 | 3,497 | 1,145 | 822 | 1,967 | 2,836 | 0 | 197,842 | 309,813 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／1．1、下流1／1．75　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／3、下流1／2　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 70 | 3 | 1 | 2 | 0 | 0 | 76 | 1 | 0 | 1 | 128 | 1 | 0 | 0 | 0 | 0 | 0 | 129 | 206 | |
| L34 | 108 | 4 | 1 | 1 | 0 | 0 | 114 | 3 | 0 | 3 | 194 | 1 | 0 | 0 | 0 | 0 | 0 | 195 | 312 | |
| L35 | 92 | 18 | 10 | 8 | 1 | 0 | 129 | 9 | 0 | 9 | 217 | 8 | 3 | 3 | 6 | 0 | 0 | 231 | 369 | |
| L36 | 156 | 12 | 1 | 0 | 0 | 0 | 169 | 6 | 0 | 6 | 286 | 0 | 1 | 1 | 2 | 0 | 0 | 288 | 463 | |
| L37 | 13 | 26 | 16 | 5 | 0 | 0 | 60 | 0 | 0 | 0 | 102 | 8 | 3 | 3 | 6 | 0 | 0 | 116 | 176 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 84 | 2 | 0 | 0 | 0 | 0 | 86 | 2 | 0 | 2 | 146 | 0 | 0 | 0 | 0 | 0 | 0 | 146 | 234 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 50 | 3 | 0 | 0 | 0 | 0 | 53 | 4 | 0 | 4 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 148 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 3 | 2 | 1 | 0 | 0 | 0 | 6 | 1 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R54 | 4 | 2 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 146 | 9 | 1 | 1 | 0 | 0 | 157 | 2 | 0 | 2 | 265 | 0 | 0 | 0 | 0 | 0 | 0 | 265 | 424 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 100 | 21 | 0 | 0 | 0 | 0 | 121 | 5 | 0 | 5 | 206 | 0 | 2 | 2 | 4 | 0 | 0 | 210 | 336 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 826 | 103 | 31 | 18 | 1 | 0 | 979 | 33 | 0 | 33 | 1,657 | 18 | 9 | 9 | 18 | 0 | 0 | 1,693 | 2,705 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／8、下流1／6　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 105 | 294 | 192 | 67 | 3 | 1 | 662 | 1 | 10 | 11 | 1,119 | 48 | 12 | 7 | 19 | 7 | 0 | 1,193 | 1,868 | |
| L4 | 116 | 55 | 47 | 19 | 1 | 0 | 238 | 1 | 0 | 1 | 404 | 10 | 2 | 1 | 3 | 0 | 0 | 417 | 656 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 126 | 13 | 10 | 8 | 0 | 0 | 157 | 1 | 2 | 3 | 265 | 6 | 1 | 1 | 2 | 0 | 0 | 273 | 433 | |
| L34 | 320 | 5 | 2 | 2 | 0 | 0 | 329 | 3 | 0 | 3 | 555 | 1 | 0 | 0 | 0 | 0 | 0 | 556 | 888 | |
| L35 | 166 | 51 | 25 | 19 | 2 | 1 | 264 | 10 | 0 | 10 | 446 | 15 | 4 | 4 | 8 | 0 | 0 | 469 | 743 | |
| L36 | 157 | 24 | 1 | 1 | 0 | 0 | 183 | 7 | 0 | 7 | 310 | 1 | 1 | 1 | 2 | 0 | 0 | 313 | 503 | |
| L37 | 13 | 69 | 27 | 9 | 1 | 0 | 119 | 1 | 0 | 1 | 203 | 10 | 5 | 5 | 10 | 0 | 0 | 223 | 343 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 14 | 15 | 3 | 2 | 0 | 0 | 34 | 1 | 0 | 1 | 59 | 1 | 1 | 0 | 1 | 0 | 0 | 61 | 96 | |
| R41 | 835 | 5 | 1 | 1 | 0 | 0 | 842 | 12 | 0 | 12 | 1,426 | 1 | 0 | 0 | 0 | 0 | 0 | 1,427 | 2,281 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 13 | 7 | 0 | 0 | 0 | 0 | 20 | 2 | 0 | 2 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 54 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 51 | 9 | 0 | 0 | 1 | 0 | 61 | 5 | 0 | 5 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 104 | 170 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 63 | 55 | 5 | 5 | 2 | 1 | 131 | 12 | 0 | 12 | 221 | 1 | 2 | 1 | 3 | 0 | 0 | 225 | 368 | |
| R51 | 25 | 5 | 0 | 0 | 0 | 0 | 30 | 2 | 0 | 2 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 83 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 10 | 3 | 0 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | |
| R54 | 8 | 3 | 1 | 1 | 0 | 0 | 13 | 1 | 0 | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 36 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 430 | 23 | 1 | 1 | 0 | 0 | 455 | 5 | 0 | 5 | 773 | 0 | 1 | 1 | 2 | 0 | 0 | 775 | 1,235 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 57 | 16 | 6 | 3 | 0 | 0 | 82 | 4 | 0 | 4 | 140 | 3 | 2 | 2 | 4 | 0 | 0 | 147 | 233 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 311 | 75 | 0 | 0 | 4 | 1 | 391 | 13 | 1 | 14 | 662 | 1 | 4 | 4 | 8 | 0 | 0 | 671 | 1,076 | |
| L82 | 256 | 39 | 3 | 1 | 0 | 0 | 299 | 19 | 1 | 20 | 506 | 2 | 6 | 6 | 12 | 0 | 0 | 520 | 839 | |
| L83 | 26 | 31 | 28 | 18 | 0 | 0 | 103 | 3 | 0 | 3 | 174 | 7 | 2 | 2 | 4 | 0 | 0 | 185 | 291 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 3,093 | 804 | 355 | 157 | 14 | 4 | 4,427 | 104 | 14 | 118 | 7,495 | 107 | 43 | 35 | 78 | 7 | 0 | 7,687 | 12,232 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／30、下流1／18　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 150 | 459 | 290 | 104 | 4 | 1 | 1,008 | 1 | 13 | 14 | 1,707 | 77 | 22 | 9 | 31 | 15 | 0 | 1,830 | 2,852 | |
| L4 | 151 | 115 | 117 | 50 | 3 | 1 | 437 | 1 | 2 | 3 | 739 | 24 | 5 | 2 | 7 | 0 | 0 | 770 | 1,210 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 210 | 55 | 32 | 38 | 1 | 0 | 336 | 1 | 3 | 4 | 570 | 8 | 2 | 1 | 3 | 1 | 0 | 582 | 922 | |
| L34 | 320 | 7 | 3 | 3 | 0 | 0 | 333 | 3 | 0 | 3 | 564 | 1 | 0 | 0 | 0 | 0 | 0 | 565 | 901 | |
| L35 | 440 | 195 | 92 | 105 | 6 | 2 | 840 | 15 | 0 | 15 | 1,421 | 24 | 7 | 6 | 13 | 4 | 0 | 1,462 | 2,317 | |
| L36 | 159 | 32 | 1 | 1 | 0 | 0 | 193 | 8 | 0 | 8 | 327 | 1 | 2 | 1 | 3 | 0 | 0 | 331 | 532 | |
| L37 | 13 | 155 | 48 | 19 | 3 | 1 | 239 | 1 | 0 | 1 | 404 | 13 | 7 | 6 | 13 | 3 | 0 | 433 | 673 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 39 | 19 | 4 | 3 | 0 | 0 | 65 | 1 | 0 | 1 | 110 | 1 | 1 | 0 | 1 | 0 | 0 | 112 | 178 | |
| R41 | 913 | 23 | 2 | 6 | 0 | 0 | 944 | 19 | 0 | 19 | 1,600 | 2 | 1 | 0 | 1 | 0 | 0 | 1,603 | 2,566 | |
| R42 | 1 | 4 | 1 | 1 | 0 | 0 | 7 | 1 | 0 | 1 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 21 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 62 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 15 | 0 | 0 | 2 | 1 | 93 | 4 | 0 | 4 | 157 | 0 | 1 | 0 | 1 | 0 | 0 | 158 | 255 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 139 | 0 | 0 | 9 | 3 | 296 | 22 | 0 | 22 | 500 | 0 | 4 | 3 | 7 | 0 | 0 | 507 | 825 | |
| R48 | 116 | 0 | 0 | 0 | 0 | 0 | 116 | 1 | 0 | 1 | 196 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 313 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 109 | 64 | 6 | 6 | 3 | 1 | 189 | 13 | 0 | 13 | 320 | 1 | 3 | 1 | 4 | 0 | 0 | 325 | 527 | |
| R51 | 40 | 41 | 0 | 0 | 2 | 0 | 83 | 7 | 0 | 7 | 141 | 0 | 1 | 1 | 2 | 0 | 0 | 143 | 233 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 16 | 15 | 1 | 1 | 0 | 34 | 1 | 0 | 1 | 56 | 0 | 1 | 0 | 1 | 0 | 0 | 57 | 92 | |
| R54 | 41 | 11 | 4 | 4 | 0 | 0 | 60 | 4 | 0 | 4 | 100 | 1 | 1 | 0 | 1 | 0 | 0 | 102 | 166 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 97 | 5 | 2 | 2 | 0 | 0 | 106 | 2 | 0 | 2 | 179 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | 287 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L62 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| R63 | 1,749 | 83 | 1 | 1 | 0 | 0 | 1,834 | 26 | 0 | 26 | 3,107 | 0 | 5 | 3 | 8 | 0 | 0 | 3,115 | 4,975 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 57 | 65 | 218 | 107 | 0 | 0 | 447 | 8 | 0 | 8 | 757 | 90 | 14 | 14 | 28 | 1 | 0 | 876 | 1,331 | |
| R74 | 71 | 0 | 0 | 0 | 0 | 0 | 71 | 5 | 0 | 5 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 196 | |
| R75 | 189 | 84 | 17 | 10 | 2 | 1 | 303 | 6 | 0 | 6 | 512 | 4 | 4 | 4 | 8 | 0 | 0 | 524 | 833 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 285 | 167 | 92 | 96 | 0 | 0 | 640 | 8 | 1 | 9 | 1,083 | 13 | 8 | 4 | 12 | 0 | 0 | 1,108 | 1,757 | |
| R78 | 8 | 18 | 14 | 13 | 0 | 0 | 53 | 2 | 0 | 2 | 89 | 2 | 1 | 1 | 2 | 0 | 0 | 93 | 148 | |
| R79 | 102 | 50 | 0 | 0 | 0 | 0 | 152 | 6 | 0 | 6 | 258 | 0 | 2 | 1 | 3 | 0 | 0 | 261 | 419 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 626 | 208 | 1 | 2 | 12 | 3 | 852 | 22 | 1 | 23 | 1,442 | 1 | 11 | 7 | 18 | 0 | 0 | 1,461 | 2,336 | |
| L82 | 401 | 61 | 4 | 1 | 1 | 0 | 468 | 22 | 1 | 23 | 792 | 2 | 7 | 7 | 14 | 0 | 0 | 808 | 1,299 | |
| L83 | 29 | 33 | 31 | 19 | 0 | 0 | 112 | 4 | 0 | 4 | 190 | 8 | 3 | 2 | 5 | 0 | 0 | 203 | 319 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 1,017 | 1,406 | 961 | 329 | 9 | 2 | 3,724 | 2 | 1 | 3 | 6,308 | 345 | 84 | 63 | 147 | 77 | 0 | 6,877 | 10,604 | |
| L87 | 196 | 52 | 11 | 9 | 0 | 0 | 268 | 6 | 0 | 6 | 455 | 10 | 6 | 5 | 11 | 0 | 0 | 476 | 750 | |
| L88 | 1 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 10 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 71 | 24 | 4 | 3 | 1 | 0 | 103 | 3 | 0 | 3 | 175 | 1 | 2 | 1 | 3 | 0 | 0 | 179 | 285 | |
| L96 | 180 | 52 | 9 | 8 | 2 | 0 | 251 | 4 | 0 | 4 | 425 | 1 | 3 | 2 | 5 | 0 | 0 | 431 | 686 | |
| L97 | 258 | 45 | 30 | 28 | 0 | 0 | 361 | 3 | 4 | 7 | 612 | 5 | 3 | 2 | 5 | 0 | 0 | 622 | 990 | |
| L98 | 170 | 13 | 0 | 0 | 0 | 0 | 183 | 2 | 0 | 2 | 311 | 0 | 1 | 0 | 1 | 0 | 0 | 312 | 497 | |
| L99 | 689 | 39 | 0 | 0 | 2 | 0 | 730 | 4 | 0 | 4 | 1,236 | 0 | 2 | 1 | 3 | 0 | 0 | 1,239 | 1,973 | |
| L100 | 3 | 48 | 8 | 6 | 1 | 0 | 66 | 4 | 0 | 4 | 112 | 3 | 2 | 2 | 4 | 0 | 0 | 119 | 189 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 0 | 1 | 0 | 1 | 0 | 0 | 43 | 71 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 9,149 | 3,831 | 2,025 | 980 | 64 | 16 | 16,065 | 247 | 26 | 273 | 27,200 | 640 | 217 | 149 | 366 | 101 | 0 | 28,307 | 44,645 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／50、下流1／27　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 165 | 460 | 291 | 105 | 4 | 1 | 1,026 | 1 | 13 | 14 | 1,738 | 83 | 24 | 10 | 34 | 16 | 0 | 1,871 | 2,911 | |
| L4 | 154 | 119 | 120 | 51 | 3 | 1 | 448 | 1 | 2 | 3 | 757 | 28 | 6 | 3 | 9 | 0 | 0 | 794 | 1,245 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 1,115 | 951 | 343 | 219 | 9 | 2 | 2,639 | 15 | 3 | 18 | 4,469 | 89 | 44 | 23 | 67 | 18 | 0 | 4,643 | 7,300 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 239 | 74 | 43 | 51 | 2 | 0 | 409 | 1 | 3 | 4 | 692 | 9 | 2 | 1 | 3 | 2 | 0 | 706 | 1,119 | |
| L34 | 320 | 7 | 3 | 3 | 0 | 0 | 333 | 3 | 0 | 3 | 564 | 1 | 0 | 0 | 0 | 0 | 0 | 565 | 901 | |
| L35 | 447 | 209 | 100 | 111 | 6 | 2 | 875 | 17 | 0 | 17 | 1,481 | 30 | 8 | 7 | 15 | 6 | 0 | 1,532 | 2,424 | |
| L36 | 159 | 40 | 2 | 1 | 1 | 0 | 203 | 10 | 0 | 10 | 345 | 1 | 2 | 2 | 4 | 0 | 0 | 350 | 563 | |
| L37 | 13 | 194 | 56 | 26 | 3 | 1 | 293 | 1 | 0 | 1 | 496 | 13 | 7 | 6 | 13 | 3 | 0 | 525 | 819 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 40 | 19 | 4 | 3 | 0 | 0 | 66 | 1 | 0 | 1 | 111 | 1 | 1 | 1 | 2 | 0 | 0 | 114 | 181 | |
| R41 | 920 | 27 | 3 | 6 | 0 | 0 | 956 | 20 | 0 | 20 | 1,619 | 3 | 1 | 1 | 2 | 0 | 0 | 1,624 | 2,600 | |
| R42 | 3 | 8 | 1 | 2 | 0 | 0 | 14 | 2 | 0 | 2 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 24 | 40 | |
| R43 | 13 | 11 | 0 | 0 | 0 | 0 | 24 | 3 | 0 | 3 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 66 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 19 | 0 | 0 | 2 | 1 | 97 | 5 | 0 | 5 | 165 | 0 | 1 | 0 | 1 | 0 | 0 | 166 | 268 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 155 | 0 | 0 | 10 | 3 | 313 | 22 | 0 | 22 | 529 | 0 | 5 | 3 | 8 | 0 | 0 | 537 | 872 | |
| R48 | 131 | 0 | 0 | 0 | 0 | 0 | 131 | 1 | 0 | 1 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 221 | 353 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 367 | 1 | 3 | 1 | 4 | 0 | 0 | 372 | 604 | |
| R51 | 40 | 41 | 0 | 0 | 2 | 0 | 83 | 7 | 0 | 7 | 141 | 0 | 1 | 1 | 2 | 0 | 0 | 143 | 233 | |
| R52 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| L53 | 1 | 17 | 17 | 1 | 1 | 0 | 37 | 1 | 0 | 1 | 62 | 0 | 1 | 0 | 1 | 0 | 0 | 63 | 101 | |
| R54 | 68 | 13 | 5 | 5 | 0 | 0 | 91 | 5 | 0 | 5 | 155 | 1 | 1 | 1 | 2 | 0 | 0 | 158 | 254 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 114 | 6 | 2 | 2 | 0 | 0 | 124 | 3 | 0 | 3 | 211 | 0 | 0 | 0 | 0 | 0 | 0 | 211 | 338 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 8 | 1 | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 28 | |
| L62 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| R63 | 1,839 | 97 | 1 | 1 | 0 | 0 | 1,938 | 30 | 0 | 30 | 3,284 | 0 | 6 | 4 | 10 | 0 | 0 | 3,294 | 5,262 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 60 | 78 | 226 | 111 | 0 | 0 | 475 | 9 | 0 | 9 | 804 | 91 | 15 | 15 | 30 | 1 | 0 | 926 | 1,410 | |
| R74 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 5 | 0 | 5 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 224 | |
| R75 | 318 | 126 | 23 | 15 | 3 | 1 | 486 | 8 | 0 | 8 | 824 | 5 | 5 | 5 | 10 | 0 | 0 | 839 | 1,333 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 333 | 186 | 101 | 107 | 0 | 0 | 727 | 9 | 1 | 10 | 1,232 | 14 | 9 | 4 | 13 | 0 | 0 | 1,259 | 1,996 | |
| R78 | 8 | 20 | 15 | 14 | 0 | 0 | 57 | 2 | 0 | 2 | 98 | 2 | 1 | 1 | 2 | 0 | 0 | 102 | 161 | |
| R79 | 128 | 57 | 0 | 0 | 1 | 0 | 186 | 6 | 0 | 6 | 314 | 0 | 2 | 1 | 3 | 0 | 0 | 317 | 509 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 704 | 249 | 1 | 3 | 15 | 4 | 976 | 24 | 1 | 25 | 1,652 | 1 | 13 | 8 | 21 | 0 | 0 | 1,674 | 2,675 | |
| L82 | 466 | 72 | 4 | 1 | 1 | 0 | 544 | 23 | 1 | 24 | 923 | 3 | 8 | 7 | 15 | 0 | 0 | 941 | 1,509 | |
| L83 | 29 | 35 | 33 | 20 | 0 | 0 | 117 | 4 | 0 | 4 | 197 | 8 | 3 | 2 | 5 | 0 | 0 | 210 | 331 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 47 | 149 | 155 | 69 | 0 | 0 | 420 | 0 | 0 | 0 | 713 | 36 | 9 | 5 | 14 | 19 | 0 | 782 | 1,202 | |
| L86 | 1,307 | 2,084 | 1,352 | 457 | 13 | 4 | 5,217 | 2 | 1 | 3 | 8,837 | 409 | 107 | 76 | 183 | 110 | 0 | 9,539 | 14,759 | |
| L87 | 247 | 72 | 13 | 11 | 0 | 0 | 343 | 6 | 0 | 6 | 582 | 11 | 7 | 6 | 13 | 0 | 0 | 606 | 955 | |
| L88 | 9 | 5 | 5 | 4 | 0 | 0 | 23 | 1 | 0 | 1 | 39 | 1 | 0 | 0 | 0 | 0 | 0 | 40 | 64 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 15 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 40 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 122 | 81 | 10 | 10 | 3 | 1 | 227 | 6 | 0 | 6 | 386 | 1 | 3 | 2 | 5 | 0 | 0 | 392 | 625 | |
| L96 | 196 | 59 | 13 | 12 | 2 | 1 | 283 | 4 | 0 | 4 | 477 | 3 | 3 | 2 | 5 | 0 | 0 | 485 | 772 | |
| L97 | 821 | 188 | 111 | 117 | 1 | 0 | 1,236 | 10 | 4 | 14 | 2,093 | 15 | 9 | 4 | 13 | 0 | 0 | 2,121 | 3,371 | |
| L98 | 173 | 14 | 0 | 0 | 0 | 0 | 187 | 2 | 0 | 2 | 316 | 0 | 1 | 0 | 1 | 0 | 0 | 317 | 506 | |
| L99 | 772 | 47 | 0 | 0 | 2 | 1 | 822 | 4 | 0 | 4 | 1,392 | 0 | 3 | 1 | 4 | 0 | 0 | 1,396 | 2,222 | |
| L100 | 3 | 60 | 10 | 8 | 2 | 0 | 83 | 4 | 0 | 4 | 139 | 3 | 3 | 2 | 5 | 0 | 0 | 147 | 234 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 0 | 1 | 0 | 1 | 0 | 0 | 43 | 71 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 125 | 414 | 262 | 160 | 1 | 0 | 962 | 5 | 0 | 5 | 1,630 | 67 | 22 | 15 | 37 | 10 | 0 | 1,744 | 2,711 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 12,110 | 6,553 | 3,338 | 1,718 | 90 | 24 | 23,833 | 299 | 29 | 328 | 40,357 | 931 | 337 | 220 | 557 | 185 | 0 | 42,030 | 66,191 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／62、下流1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 165 | 461 | 294 | 106 | 4 | 1 | 1,031 | 1 | 13 | 14 | 1,747 | 90 | 25 | 10 | 35 | 16 | 0 | 1,888 | 2,933 | |
| L4 | 158 | 131 | 231 | 80 | 3 | 1 | 604 | 2 | 3 | 5 | 1,023 | 60 | 8 | 4 | 12 | 0 | 0 | 1,095 | 1,704 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 1,327 | 1,311 | 434 | 315 | 12 | 3 | 3,402 | 15 | 4 | 19 | 5,763 | 112 | 57 | 26 | 83 | 31 | 0 | 5,989 | 9,410 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 239 | 74 | 43 | 51 | 2 | 0 | 409 | 1 | 3 | 4 | 692 | 11 | 2 | 1 | 3 | 3 | 0 | 709 | 1,122 | |
| L34 | 349 | 9 | 3 | 4 | 0 | 0 | 365 | 4 | 0 | 4 | 618 | 1 | 0 | 0 | 0 | 0 | 0 | 619 | 988 | |
| L35 | 601 | 228 | 107 | 124 | 6 | 2 | 1,068 | 17 | 0 | 17 | 1,809 | 35 | 10 | 7 | 17 | 8 | 0 | 1,869 | 2,954 | |
| L36 | 159 | 41 | 2 | 1 | 1 | 0 | 204 | 10 | 0 | 10 | 345 | 1 | 2 | 2 | 4 | 0 | 0 | 350 | 564 | |
| L37 | 13 | 196 | 56 | 26 | 3 | 1 | 295 | 1 | 0 | 1 | 500 | 13 | 7 | 6 | 13 | 3 | 0 | 529 | 825 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 44 | 19 | 4 | 3 | 0 | 0 | 70 | 1 | 0 | 1 | 119 | 1 | 1 | 1 | 2 | 0 | 0 | 122 | 193 | |
| R41 | 923 | 27 | 3 | 6 | 0 | 0 | 959 | 21 | 0 | 21 | 1,624 | 3 | 1 | 1 | 2 | 0 | 0 | 1,629 | 2,609 | |
| R42 | 4 | 10 | 1 | 3 | 0 | 0 | 18 | 3 | 0 | 3 | 31 | 2 | 0 | 0 | 0 | 0 | 0 | 33 | 54 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 78 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 21 | 0 | 0 | 3 | 1 | 100 | 5 | 0 | 5 | 168 | 0 | 1 | 1 | 2 | 0 | 0 | 170 | 275 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 156 | 0 | 0 | 10 | 3 | 314 | 22 | 0 | 22 | 531 | 0 | 5 | 3 | 8 | 0 | 0 | 539 | 875 | |
| R48 | 237 | 0 | 0 | 0 | 0 | 0 | 237 | 1 | 0 | 1 | 402 | 0 | 0 | 0 | 0 | 0 | 0 | 402 | 640 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 367 | 1 | 3 | 1 | 4 | 0 | 0 | 372 | 604 | |
| R51 | 54 | 42 | 0 | 0 | 2 | 1 | 99 | 7 | 0 | 7 | 166 | 0 | 1 | 1 | 2 | 0 | 0 | 168 | 274 | |
| R52 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| L53 | 1 | 17 | 17 | 1 | 1 | 0 | 37 | 1 | 0 | 1 | 62 | 0 | 1 | 0 | 1 | 0 | 0 | 63 | 101 | |
| R54 | 90 | 14 | 5 | 5 | 0 | 0 | 114 | 5 | 0 | 5 | 195 | 1 | 1 | 1 | 2 | 0 | 0 | 198 | 317 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 642 | 41 | 8 | 8 | 0 | 0 | 699 | 11 | 0 | 11 | 1,184 | 1 | 1 | 1 | 2 | 0 | 0 | 1,187 | 1,897 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 20 | 1 | 1 | 1 | 0 | 0 | 23 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 62 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| R63 | 1,884 | 102 | 1 | 1 | 0 | 0 | 1,988 | 31 | 0 | 31 | 3,369 | 0 | 6 | 4 | 10 | 0 | 0 | 3,379 | 5,398 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 60 | 78 | 226 | 111 | 0 | 0 | 475 | 9 | 0 | 9 | 805 | 91 | 15 | 15 | 30 | 1 | 0 | 927 | 1,411 | |
| R74 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 5 | 0 | 5 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 224 | |
| R75 | 322 | 128 | 24 | 15 | 3 | 1 | 493 | 9 | 0 | 9 | 837 | 5 | 5 | 5 | 10 | 0 | 0 | 852 | 1,354 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 355 | 193 | 106 | 113 | 0 | 0 | 767 | 9 | 1 | 10 | 1,298 | 14 | 9 | 4 | 13 | 0 | 0 | 1,325 | 2,102 | |
| R78 | 8 | 21 | 16 | 14 | 0 | 0 | 59 | 2 | 0 | 2 | 101 | 2 | 1 | 1 | 2 | 0 | 0 | 105 | 166 | |
| R79 | 131 | 63 | 0 | 0 | 1 | 0 | 195 | 7 | 0 | 7 | 329 | 0 | 2 | 1 | 3 | 0 | 0 | 332 | 534 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 768 | 266 | 1 | 3 | 16 | 4 | 1,058 | 26 | 1 | 27 | 1,791 | 2 | 14 | 8 | 22 | 0 | 0 | 1,815 | 2,900 | |
| L82 | 499 | 79 | 4 | 1 | 1 | 0 | 584 | 23 | 1 | 24 | 990 | 3 | 8 | 8 | 16 | 0 | 0 | 1,009 | 1,617 | |
| L83 | 29 | 37 | 34 | 20 | 0 | 0 | 120 | 4 | 0 | 4 | 204 | 9 | 3 | 2 | 5 | 0 | 0 | 218 | 342 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 50 | 155 | 164 | 70 | 0 | 0 | 439 | 0 | 0 | 0 | 744 | 42 | 11 | 6 | 17 | 24 | 0 | 827 | 1,266 | |
| L86 | 1,570 | 2,662 | 1,673 | 574 | 17 | 5 | 6,501 | 2 | 1 | 3 | 11,011 | 450 | 120 | 86 | 206 | 127 | 0 | 11,794 | 18,298 | |
| L87 | 287 | 101 | 17 | 14 | 0 | 0 | 419 | 7 | 0 | 7 | 710 | 13 | 8 | 7 | 15 | 0 | 0 | 738 | 1,164 | |
| L88 | 15 | 6 | 9 | 7 | 0 | 0 | 37 | 1 | 0 | 1 | 62 | 2 | 1 | 0 | 1 | 0 | 0 | 65 | 103 | |
| L89 | 38 | 2 | 12 | 7 | 0 | 0 | 59 | 3 | 1 | 4 | 99 | 4 | 1 | 1 | 2 | 0 | 0 | 105 | 168 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 87 | 11 | 11 | 3 | 1 | 236 | 7 | 0 | 7 | 399 | 1 | 3 | 2 | 5 | 0 | 0 | 405 | 648 | |
| L96 | 228 | 66 | 18 | 15 | 2 | 1 | 330 | 5 | 2 | 7 | 558 | 4 | 4 | 2 | 6 | 0 | 0 | 568 | 905 | |
| L97 | 850 | 192 | 112 | 119 | 1 | 0 | 1,274 | 10 | 5 | 15 | 2,158 | 16 | 9 | 4 | 13 | 0 | 0 | 2,187 | 3,476 | |
| L98 | 174 | 14 | 0 | 0 | 0 | 0 | 188 | 2 | 0 | 2 | 318 | 0 | 1 | 0 | 1 | 0 | 0 | 319 | 509 | |
| L99 | 783 | 48 | 0 | 0 | 2 | 1 | 834 | 4 | 0 | 4 | 1,411 | 0 | 3 | 1 | 4 | 0 | 0 | 1,415 | 2,253 | |
| L100 | 6 | 64 | 12 | 9 | 2 | 1 | 94 | 5 | 0 | 5 | 158 | 3 | 3 | 3 | 6 | 0 | 0 | 167 | 266 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 1 | 1 | 0 | 1 | 0 | 0 | 44 | 72 | |
| R105 | 0 | 3 | 1 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 13 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 481 | 613 | 412 | 259 | 1 | 0 | 1,766 | 7 | 0 | 7 | 2,992 | 92 | 30 | 20 | 50 | 18 | 0 | 3,152 | 4,925 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 14,168 | 7,883 | 4,076 | 2,111 | 99 | 28 | 28,365 | 326 | 35 | 361 | 48,037 | 1,086 | 384 | 246 | 630 | 231 | 0 | 49,984 | 78,710 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：上流1／100、下流1／55　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 175 | 513 | 326 | 118 | 5 | 1 | 1,138 | 1 | 13 | 14 | 1,927 | 116 | 31 | 11 | 42 | 21 | 0 | 2,106 | 3,258 | |
| L4 | 178 | 309 | 965 | 359 | 7 | 2 | 1,820 | 2 | 3 | 5 | 3,082 | 97 | 12 | 6 | 18 | 6 | 0 | 3,203 | 5,028 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 1,484 | 1,500 | 494 | 365 | 13 | 4 | 3,860 | 17 | 7 | 24 | 6,538 | 152 | 81 | 34 | 115 | 50 | 0 | 6,855 | 10,739 | |
| R7 | 844 | 337 | 447 | 146 | 2 | 1 | 1,777 | 18 | 13 | 31 | 3,010 | 68 | 14 | 10 | 24 | 0 | 0 | 3,102 | 4,910 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 521 | 12 | 11 | 6 | 0 | 0 | 550 | 11 | 2 | 13 | 930 | 10 | 3 | 3 | 6 | 0 | 0 | 946 | 1,509 | |
| R10 | 148 | 2 | 2 | 0 | 0 | 0 | 152 | 1 | 0 | 1 | 258 | 1 | 0 | 0 | 0 | 0 | 0 | 259 | 412 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 45 | 17 | 1 | 0 | 0 | 0 | 63 | 3 | 0 | 3 | 107 | 1 | 2 | 1 | 3 | 0 | 0 | 111 | 177 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 21 | 9 | 5 | 6 | 0 | 0 | 41 | 4 | 0 | 4 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 113 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 255 | 77 | 44 | 53 | 2 | 0 | 431 | 1 | 5 | 6 | 727 | 12 | 3 | 1 | 4 | 4 | 0 | 747 | 1,184 | |
| L34 | 482 | 13 | 4 | 6 | 0 | 0 | 505 | 4 | 0 | 4 | 856 | 2 | 1 | 0 | 1 | 0 | 0 | 859 | 1,368 | |
| L35 | 846 | 284 | 132 | 156 | 7 | 2 | 1,427 | 19 | 0 | 19 | 2,418 | 38 | 11 | 8 | 19 | 10 | 0 | 2,485 | 3,931 | |
| L36 | 162 | 55 | 2 | 1 | 1 | 0 | 221 | 13 | 0 | 13 | 375 | 1 | 2 | 2 | 4 | 0 | 0 | 380 | 614 | |
| L37 | 13 | 198 | 57 | 26 | 3 | 1 | 298 | 1 | 0 | 1 | 504 | 13 | 7 | 6 | 13 | 3 | 0 | 533 | 832 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 174 | 26 | 5 | 4 | 0 | 0 | 209 | 1 | 0 | 1 | 353 | 1 | 1 | 1 | 2 | 0 | 0 | 356 | 566 | |
| R41 | 1,002 | 29 | 3 | 7 | 0 | 0 | 1,041 | 21 | 0 | 21 | 1,764 | 4 | 1 | 1 | 2 | 0 | 0 | 1,770 | 2,832 | |
| R42 | 48 | 21 | 4 | 6 | 0 | 0 | 79 | 5 | 0 | 5 | 135 | 5 | 1 | 1 | 2 | 0 | 0 | 142 | 226 | |
| R43 | 17 | 12 | 0 | 0 | 0 | 0 | 29 | 3 | 0 | 3 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 82 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 22 | 0 | 0 | 3 | 1 | 101 | 6 | 0 | 6 | 171 | 0 | 1 | 1 | 2 | 0 | 0 | 173 | 280 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 184 | 0 | 0 | 12 | 3 | 344 | 24 | 0 | 24 | 582 | 0 | 6 | 3 | 9 | 0 | 0 | 591 | 959 | |
| R48 | 409 | 0 | 0 | 0 | 0 | 0 | 409 | 2 | 0 | 2 | 693 | 0 | 0 | 0 | 0 | 0 | 0 | 693 | 1,104 | |
| R49 | 13 | 3 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 45 | |
| L50 | 151 | 77 | 7 | 8 | 3 | 1 | 247 | 15 | 0 | 15 | 419 | 1 | 4 | 2 | 6 | 0 | 0 | 426 | 688 | |
| R51 | 68 | 48 | 0 | 0 | 2 | 1 | 119 | 8 | 0 | 8 | 200 | 0 | 2 | 1 | 3 | 0 | 0 | 203 | 330 | |
| R52 | 0 | 2 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 11 | |
| L53 | 1 | 21 | 25 | 1 | 1 | 0 | 49 | 2 | 0 | 2 | 84 | 0 | 1 | 0 | 1 | 0 | 0 | 85 | 136 | |
| R54 | 121 | 17 | 6 | 6 | 0 | 0 | 150 | 6 | 0 | 6 | 255 | 1 | 1 | 1 | 2 | 0 | 0 | 258 | 414 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 699 | 44 | 8 | 8 | 0 | 0 | 759 | 11 | 0 | 11 | 1,287 | 1 | 2 | 1 | 3 | 0 | 0 | 1,291 | 2,061 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 47 | 5 | 3 | 3 | 0 | 0 | 58 | 1 | 0 | 1 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 157 | |
| L62 | 4 | 4 | 3 | 3 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | |
| R63 | 2,028 | 129 | 1 | 1 | 0 | 0 | 2,159 | 36 | 0 | 36 | 3,659 | 0 | 8 | 5 | 13 | 0 | 0 | 3,672 | 5,867 | |
| R64 | 83 | 30 | 125 | 55 | 0 | 0 | 293 | 3 | 0 | 3 | 496 | 61 | 8 | 8 | 16 | 1 | 0 | 574 | 870 | |
| R65 | 4 | 2 | 1 | 1 | 0 | 0 | 8 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 22 | |
| R66 | 254 | 385 | 947 | 250 | 0 | 0 | 1,836 | 5 | 0 | 5 | 3,109 | 328 | 53 | 52 | 105 | 15 | 0 | 3,557 | 5,398 | |
| R67 | 544 | 529 | 280 | 118 | 3 | 1 | 1,475 | 0 | 0 | 0 | 2,497 | 70 | 19 | 11 | 30 | 32 | 0 | 2,629 | 4,104 | |
| R68 | 1,377 | 1,822 | 1,104 | 402 | 9 | 3 | 4,717 | 0 | 0 | 0 | 7,991 | 338 | 86 | 72 | 158 | 75 | 0 | 8,562 | 13,279 | |
| R69 | 202 | 50 | 11 | 8 | 0 | 0 | 271 | 7 | 0 | 7 | 459 | 5 | 4 | 4 | 8 | 0 | 0 | 472 | 750 | |
| R70 | 78 | 30 | 31 | 21 | 0 | 0 | 160 | 3 | 0 | 3 | 270 | 5 | 1 | 1 | 2 | 0 | 0 | 277 | 440 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 71 | 93 | 238 | 117 | 0 | 0 | 519 | 9 | 0 | 9 | 881 | 93 | 15 | 15 | 30 | 1 | 0 | 1,005 | 1,533 | |
| R74 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 5 | 0 | 5 | 142 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 231 | |
| R75 | 472 | 174 | 31 | 21 | 4 | 1 | 703 | 12 | 1 | 13 | 1,193 | 6 | 7 | 6 | 13 | 0 | 0 | 1,212 | 1,928 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 356 | 198 | 108 | 116 | 0 | 0 | 778 | 9 | 1 | 10 | 1,317 | 15 | 9 | 4 | 13 | 0 | 0 | 1,345 | 2,133 | |
| R78 | 9 | 23 | 18 | 15 | 0 | 0 | 65 | 2 | 0 | 2 | 109 | 3 | 1 | 1 | 2 | 0 | 0 | 114 | 181 | |
| R79 | 132 | 64 | 0 | 0 | 1 | 0 | 197 | 7 | 0 | 7 | 334 | 0 | 2 | 1 | 3 | 0 | 0 | 337 | 541 | |
| R80 | 7 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21 | |
| L81 | 925 | 344 | 2 | 4 | 20 | 5 | 1,300 | 31 | 2 | 33 | 2,201 | 2 | 17 | 10 | 27 | 0 | 0 | 2,230 | 3,563 | |
| L82 | 543 | 91 | 4 | 1 | 2 | 1 | 642 | 24 | 1 | 25 | 1,086 | 3 | 9 | 8 | 17 | 0 | 0 | 1,106 | 1,773 | |
| L83 | 33 | 44 | 40 | 24 | 0 | 0 | 141 | 4 | 0 | 4 | 240 | 10 | 3 | 2 | 5 | 0 | 0 | 255 | 400 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 289 | 547 | 739 | 204 | 1 | 0 | 1,780 | 7 | 0 | 7 | 3,017 | 151 | 33 | 21 | 54 | 40 | 0 | 3,262 | 5,049 | |
| L86 | 2,115 | 3,281 | 1,986 | 693 | 21 | 6 | 8,102 | 3 | 1 | 4 | 13,724 | 491 | 136 | 95 | 231 | 154 | 0 | 14,600 | 22,706 | |
| L87 | 417 | 167 | 35 | 25 | 0 | 0 | 644 | 12 | 0 | 12 | 1,093 | 24 | 16 | 14 | 30 | 1 | 0 | 1,148 | 1,804 | |
| L88 | 52 | 129 | 80 | 47 | 1 | 0 | 309 | 12 | 0 | 12 | 525 | 27 | 12 | 9 | 21 | 2 | 0 | 575 | 896 | |
| L89 | 54 | 6 | 18 | 13 | 0 | 0 | 91 | 5 | 1 | 6 | 155 | 5 | 1 | 1 | 2 | 0 | 0 | 162 | 259 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 10 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 94 | 11 | 12 | 4 | 1 | 245 | 7 | 0 | 7 | 413 | 1 | 3 | 2 | 5 | 0 | 0 | 419 | 671 | |
| L96 | 367 | 99 | 32 | 29 | 3 | 1 | 531 | 6 | 5 | 11 | 898 | 7 | 5 | 3 | 8 | 0 | 0 | 913 | 1,455 | |
| L97 | 885 | 200 | 116 | 124 | 1 | 0 | 1,326 | 10 | 5 | 15 | 2,247 | 17 | 10 | 4 | 14 | 0 | 0 | 2,278 | 3,619 | |
| L98 | 180 | 14 | 0 | 0 | 0 | 0 | 194 | 2 | 0 | 2 | 328 | 0 | 1 | 1 | 2 | 0 | 0 | 330 | 526 | |
| L99 | 798 | 51 | 0 | 0 | 2 | 1 | 852 | 4 | 0 | 4 | 1,442 | 0 | 3 | 2 | 5 | 0 | 0 | 1,447 | 2,303 | |
| L100 | 8 | 85 | 15 | 12 | 3 | 1 | 124 | 6 | 0 | 6 | 209 | 4 | 4 | 3 | 7 | 0 | 0 | 220 | 350 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 1 | 1 | 0 | 1 | 0 | 0 | 44 | 72 | |
| R105 | 28 | 4 | 2 | 1 | 0 | 0 | 35 | 0 | 0 | 0 | 59 | 1 | 0 | 0 | 0 | 0 | 0 | 60 | 95 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 1,012 | 894 | 591 | 396 | 1 | 0 | 2,894 | 8 | 0 | 8 | 4,902 | 114 | 39 | 24 | 63 | 28 | 0 | 5,107 | 8,009 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 21,713 | 13,439 | 9,127 | 4,003 | 137 | 38 | 48,457 | 442 | 61 | 503 | 82,075 | 2,307 | 693 | 473 | 1,166 | 443 | 0 | 85,991 | 134,951 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：現況河道
流量規模：下流1／100　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 209 | 516 | 329 | 119 | 5 | 1 | 1,179 | 1 | 13 | 14 | 1,996 | 131 | 34 | 12 | 46 | 21 | 0 | 2,194 | 3,387 | |
| L4 | 178 | 310 | 968 | 360 | 7 | 2 | 1,825 | 2 | 3 | 5 | 3,089 | 136 | 15 | 6 | 21 | 12 | 0 | 3,258 | 5,088 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 1,596 | 1,644 | 536 | 404 | 15 | 4 | 4,199 | 17 | 9 | 26 | 7,113 | 173 | 91 | 37 | 128 | 55 | 0 | 7,469 | 11,694 | |
| R7 | 2,220 | 597 | 841 | 296 | 5 | 1 | 3,960 | 26 | 19 | 45 | 6,709 | 104 | 21 | 14 | 35 | 1 | 0 | 6,849 | 10,854 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 552 | 15 | 12 | 7 | 0 | 0 | 586 | 12 | 2 | 14 | 991 | 11 | 3 | 3 | 6 | 0 | 0 | 1,008 | 1,608 | |
| R10 | 148 | 2 | 2 | 0 | 0 | 0 | 152 | 1 | 0 | 1 | 258 | 1 | 0 | 0 | 0 | 0 | 0 | 259 | 412 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 45 | 17 | 1 | 0 | 0 | 0 | 63 | 3 | 0 | 3 | 107 | 1 | 2 | 1 | 3 | 0 | 0 | 111 | 177 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 18 | 8 | 5 | 5 | 0 | 0 | 36 | 3 | 0 | 3 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 98 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 255 | 77 | 44 | 53 | 2 | 0 | 431 | 1 | 5 | 6 | 727 | 12 | 3 | 1 | 4 | 4 | 0 | 747 | 1,184 | |
| L34 | 385 | 11 | 4 | 5 | 0 | 0 | 405 | 4 | 0 | 4 | 685 | 1 | 1 | 0 | 1 | 0 | 0 | 687 | 1,096 | |
| L35 | 746 | 275 | 132 | 155 | 7 | 2 | 1,317 | 18 | 0 | 18 | 2,232 | 38 | 11 | 8 | 19 | 10 | 0 | 2,299 | 3,634 | |
| L36 | 162 | 50 | 2 | 1 | 1 | 0 | 216 | 11 | 0 | 11 | 364 | 1 | 2 | 2 | 4 | 0 | 0 | 369 | 596 | |
| L37 | 13 | 198 | 57 | 26 | 3 | 1 | 298 | 1 | 0 | 1 | 504 | 13 | 7 | 6 | 13 | 3 | 0 | 533 | 832 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 109 | 21 | 4 | 3 | 0 | 0 | 137 | 1 | 0 | 1 | 232 | 1 | 1 | 1 | 2 | 0 | 0 | 235 | 373 | |
| R41 | 995 | 28 | 3 | 7 | 0 | 0 | 1,033 | 21 | 0 | 21 | 1,749 | 4 | 1 | 1 | 2 | 0 | 0 | 1,755 | 2,809 | |
| R42 | 34 | 15 | 4 | 4 | 0 | 0 | 57 | 4 | 0 | 4 | 98 | 5 | 1 | 1 | 2 | 0 | 0 | 105 | 166 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 78 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 22 | 0 | 0 | 3 | 1 | 101 | 5 | 0 | 5 | 171 | 0 | 1 | 1 | 2 | 0 | 0 | 173 | 279 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 180 | 0 | 0 | 12 | 3 | 340 | 24 | 0 | 24 | 575 | 0 | 6 | 3 | 9 | 0 | 0 | 584 | 948 | |
| R48 | 235 | 0 | 0 | 0 | 0 | 0 | 235 | 1 | 0 | 1 | 398 | 0 | 0 | 0 | 0 | 0 | 0 | 398 | 634 | |
| R49 | 13 | 3 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 45 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 368 | 1 | 3 | 2 | 5 | 0 | 0 | 374 | 606 | |
| R51 | 54 | 42 | 0 | 0 | 2 | 1 | 99 | 8 | 0 | 8 | 167 | 0 | 2 | 1 | 3 | 0 | 0 | 170 | 277 | |
| R52 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| L53 | 1 | 21 | 25 | 1 | 1 | 0 | 49 | 2 | 0 | 2 | 84 | 0 | 1 | 0 | 1 | 0 | 0 | 85 | 136 | |
| R54 | 66 | 12 | 5 | 4 | 0 | 0 | 87 | 5 | 0 | 5 | 147 | 1 | 1 | 0 | 1 | 0 | 0 | 149 | 241 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 112 | 6 | 2 | 2 | 0 | 0 | 122 | 3 | 0 | 3 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 333 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| R63 | 1,580 | 69 | 1 | 1 | 0 | 0 | 1,651 | 23 | 0 | 23 | 2,798 | 0 | 4 | 3 | 7 | 0 | 0 | 2,805 | 4,479 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 551 | 169 | 1 | 2 | 10 | 3 | 736 | 19 | 1 | 20 | 1,244 | 1 | 8 | 5 | 13 | 0 | 0 | 1,258 | 2,014 | |
| L82 | 371 | 54 | 3 | 1 | 1 | 0 | 430 | 21 | 1 | 22 | 728 | 2 | 7 | 7 | 14 | 0 | 0 | 744 | 1,196 | |
| L83 | 29 | 33 | 31 | 19 | 0 | 0 | 112 | 4 | 0 | 4 | 188 | 8 | 3 | 2 | 5 | 0 | 0 | 201 | 317 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 11,048 | 4,478 | 3,019 | 1,483 | 77 | 20 | 20,125 | 258 | 54 | 312 | 34,077 | 645 | 229 | 117 | 346 | 106 | 0 | 35,174 | 55,611 | |

様式－３　　被害額　天竜川直轄河川改修事業　整備計画実施後河道　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 15 | 4 | 4 | 2 | 0 | 0 | 25 | 7 | 21 | 28 | 43 | 2 | 0 | 0 | 0 | 0 | 0 | 45 | 98 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 15 | 4 | 4 | 2 | 0 | 0 | 25 | 7 | 21 | 28 | 43 | 2 | 0 | 0 | 0 | 0 | 0 | 45 | 98 | |

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| L2 | 27 | 8 | 9 | 5 | 0 | 0 | 49 | 9 | 27 | 36 | 83 | 3 | 0 | 1 | 1 | 0 | 0 | 87 | 172 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 27 | 8 | 9 | 5 | 0 | 0 | 49 | 10 | 27 | 37 | 83 | 3 | 0 | 1 | 1 | 0 | 0 | 87 | 173 | |

様式－３　　被害額　天竜川直轄河川改修事業　整備計画実施後河道　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| L2 | 35 | 12 | 14 | 8 | 0 | 0 | 69 | 10 | 29 | 39 | 117 | 4 | 1 | 1 | 2 | 0 | 0 | 123 | 231 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 35 | 12 | 14 | 8 | 0 | 0 | 69 | 11 | 29 | 40 | 117 | 4 | 1 | 1 | 2 | 0 | 0 | 123 | 232 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 146,271 | 91,165 | 60,657 | 20,795 | 158 | 58 | 319,104 | 323 | 325 | 648 | 540,567 | 17,088 | 4,441 | 7,660 | 12,101 | 6,230 | 0 | 575,986 | 895,738 | |
| R2 | 34,816 | 15,799 | 13,625 | 5,614 | 51 | 18 | 69,923 | 165 | 851 | 1,016 | 118,451 | 3,907 | 970 | 1,711 | 2,681 | 1,168 | 0 | 126,207 | 197,146 | |
| R3 | 4,041 | 1,936 | 2,520 | 1,642 | 5 | 2 | 10,146 | 0 | 78 | 78 | 17,188 | 515 | 75 | 99 | 174 | 89 | 0 | 17,966 | 28,190 | |
| L1 | 57,934 | 32,202 | 17,606 | 7,724 | 192 | 72 | 115,730 | 548 | 406 | 954 | 196,045 | 4,585 | 1,381 | 2,178 | 3,559 | 1,292 | 0 | 205,481 | 322,165 | |
| L2 | 8,948 | 5,170 | 3,985 | 2,858 | 77 | 29 | 21,067 | 85 | 293 | 378 | 35,687 | 927 | 200 | 226 | 426 | 378 | 0 | 37,418 | 58,863 | |
| L3 | 1,137 | 393 | 68 | 40 | 4 | 1 | 1,643 | 4 | 60 | 64 | 2,783 | 22 | 21 | 39 | 60 | 7 | 0 | 2,872 | 4,579 | |
| 合計 | 253,147 | 146,665 | 98,461 | 38,673 | 487 | 180 | 537,613 | 1,125 | 2,013 | 3,138 | 910,721 | 27,044 | 7,088 | 11,913 | 19,001 | 9,164 | 0 | 965,930 | 1,506,681 | |

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 168,767 | 111,499 | 70,534 | 24,228 | 192 | 71 | 375,291 | 351 | 375 | 726 | 635,756 | 19,049 | 5,109 | 8,634 | 13,743 | 7,172 | 0 | 675,720 | 1,051,737 | |
| R2 | 40,115 | 18,538 | 15,552 | 6,460 | 59 | 21 | 80,745 | 186 | 914 | 1,100 | 136,782 | 4,409 | 1,119 | 1,957 | 3,076 | 1,343 | 0 | 145,610 | 227,455 | |
| R3 | 4,865 | 2,290 | 2,962 | 1,939 | 7 | 3 | 12,066 | 0 | 84 | 84 | 20,436 | 593 | 91 | 119 | 210 | 107 | 0 | 21,346 | 33,496 | |
| L1 | 71,757 | 41,887 | 21,855 | 9,821 | 245 | 94 | 145,659 | 601 | 497 | 1,098 | 246,744 | 5,327 | 1,700 | 2,515 | 4,215 | 1,621 | 0 | 257,907 | 404,664 | |
| L2 | 11,566 | 6,314 | 5,007 | 3,597 | 95 | 34 | 26,613 | 94 | 410 | 504 | 45,081 | 1,265 | 250 | 278 | 528 | 457 | 0 | 47,331 | 74,448 | |
| L3 | 1,556 | 585 | 113 | 60 | 5 | 2 | 2,321 | 6 | 70 | 76 | 3,930 | 40 | 30 | 52 | 82 | 17 | 0 | 4,069 | 6,466 | |
| 合計 | 298,626 | 181,113 | 116,023 | 46,105 | 603 | 225 | 642,695 | 1,238 | 2,350 | 3,588 | 1,088,729 | 30,683 | 8,299 | 13,555 | 21,854 | 10,717 | 0 | 1,151,983 | 1,798,266 | |

様式－3　　被害額　天竜川直轄河川改修事業 整備計画実施後河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 2 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 2 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 5 | 2 | 10 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 44 | |
| TR3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR5 | 494 | 275 | 67 | 29 | 1 | 0 | 866 | 0 | 4 | 4 | 1,467 | 15 | 10 | 10 | 20 | 32 | 0 | 1,534 | 2,404 | |
| TR6 | 24 | 6 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 81 | |
| TR7 | 1,053 | 212 | 147 | 152 | 4 | 1 | 1,569 | 0 | 5 | 5 | 2,657 | 39 | 8 | 6 | 14 | 19 | 0 | 2,729 | 4,303 | |
| TR8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL1 | 1,249 | 665 | 211 | 94 | 2 | 1 | 2,222 | 0 | 0 | 0 | 3,761 | 52 | 25 | 17 | 42 | 32 | 0 | 3,887 | 6,109 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 5 | 1 | 0 | 0 | 0 | 0 | 6 | 0 | 3 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 19 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 6 | 2 | 3 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 29 | |
| TL6 | 141 | 68 | 31 | 21 | 0 | 0 | 261 | 0 | 0 | 0 | 441 | 6 | 3 | 3 | 6 | 5 | 0 | 458 | 719 | |
| TL7 | 131 | 43 | 2 | 2 | 1 | 0 | 179 | 0 | 4 | 4 | 303 | 1 | 2 | 1 | 3 | 1 | 0 | 308 | 491 | |
| TL8 | 28 | 9 | 4 | 2 | 0 | 0 | 43 | 0 | 0 | 0 | 73 | 2 | 0 | 0 | 0 | 0 | 0 | 75 | 118 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 16 | 2 | 14 | 2 | 0 | 0 | 34 | 0 | 0 | 0 | 56 | 3 | 0 | 0 | 0 | 1 | 0 | 60 | 94 | |
| TL11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL12 | 545 | 268 | 153 | 55 | 0 | 0 | 1,021 | 0 | 5 | 5 | 1,729 | 24 | 10 | 10 | 20 | 14 | 0 | 1,787 | 2,813 | |
| TL13 | 136 | 48 | 20 | 6 | 0 | 0 | 210 | 0 | 0 | 0 | 357 | 7 | 2 | 4 | 6 | 5 | 0 | 375 | 585 | |
| 合計 | 3,833 | 1,601 | 662 | 363 | 8 | 2 | 6,469 | 0 | 21 | 21 | 10,950 | 149 | 60 | 51 | 111 | 109 | 0 | 11,319 | 17,809 | |

様式－3　　被害額　天竜川直轄河川改修事業 整備計画実施後河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR2 | 30 | 9 | 30 | 1 | 0 | 0 | 70 | 0 | 0 | 0 | 119 | 2 | 0 | 0 | 0 | 0 | 0 | 121 | 191 | |
| TR3 | 165 | 68 | 15 | 4 | 1 | 0 | 253 | 0 | 7 | 7 | 429 | 4 | 2 | 3 | 5 | 2 | 0 | 440 | 700 | |
| TR4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | |
| TR5 | 869 | 477 | 104 | 49 | 1 | 0 | 1,500 | 0 | 5 | 5 | 2,542 | 27 | 17 | 16 | 33 | 53 | 0 | 2,655 | 4,160 | |
| TR6 | 38 | 10 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 128 | |
| TR7 | 1,208 | 237 | 155 | 168 | 4 | 1 | 1,773 | 0 | 5 | 5 | 3,004 | 45 | 9 | 6 | 15 | 21 | 0 | 3,085 | 4,863 | |
| TR8 | 509 | 216 | 134 | 36 | 0 | 0 | 895 | 0 | 0 | 0 | 1,517 | 38 | 8 | 6 | 14 | 69 | 0 | 1,638 | 2,533 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 783 | 371 | 359 | 135 | 0 | 0 | 1,648 | 0 | 0 | 0 | 2,792 | 47 | 13 | 14 | 27 | 17 | 0 | 2,883 | 4,531 | |
| TL1 | 1,521 | 794 | 234 | 110 | 2 | 1 | 2,662 | 0 | 0 | 0 | 4,508 | 63 | 30 | 19 | 49 | 37 | 0 | 4,657 | 7,319 | |
| TL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL3 | 14 | 8 | 0 | 0 | 0 | 0 | 22 | 0 | 5 | 5 | 38 | 0 | 0 | 1 | 1 | 0 | 0 | 39 | 66 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 18 | 5 | 4 | 1 | 0 | 0 | 28 | 0 | 0 | 0 | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 77 | |
| TL6 | 223 | 108 | 43 | 32 | 0 | 0 | 406 | 0 | 0 | 0 | 690 | 9 | 4 | 4 | 8 | 7 | 0 | 714 | 1,120 | |
| TL7 | 163 | 57 | 3 | 3 | 1 | 0 | 227 | 0 | 4 | 4 | 384 | 1 | 2 | 2 | 4 | 2 | 0 | 391 | 622 | |
| TL8 | 57 | 19 | 9 | 3 | 0 | 0 | 88 | 0 | 0 | 0 | 150 | 3 | 1 | 1 | 2 | 1 | 0 | 156 | 244 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 43 | 6 | 47 | 7 | 0 | 0 | 103 | 0 | 0 | 0 | 176 | 6 | 0 | 0 | 0 | 3 | 0 | 185 | 288 | |
| TL11 | 52 | 20 | 19 | 3 | 0 | 0 | 94 | 0 | 0 | 0 | 159 | 5 | 1 | 1 | 2 | 5 | 0 | 171 | 265 | |
| TL12 | 1,156 | 525 | 423 | 101 | 1 | 0 | 2,206 | 0 | 7 | 7 | 3,739 | 50 | 19 | 17 | 36 | 27 | 0 | 3,852 | 6,065 | |
| TL13 | 661 | 289 | 119 | 35 | 0 | 0 | 1,104 | 0 | 0 | 0 | 1,871 | 35 | 11 | 15 | 26 | 30 | 0 | 1,962 | 3,066 | |
| 合計 | 7,513 | 3,220 | 1,698 | 688 | 10 | 2 | 13,131 | 0 | 33 | 33 | 22,254 | 336 | 117 | 105 | 222 | 274 | 0 | 23,086 | 36,250 | |

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 705 | 150 | 330 | 175 | 0 | 0 | 1,360 | 0 | 0 | 0 | 2,303 | 87 | 8 | 13 | 21 | 12 | 0 | 2,423 | 3,783 | |
| TR2 | 30 | 9 | 30 | 1 | 0 | 0 | 70 | 0 | 0 | 0 | 119 | 2 | 0 | 0 | 0 | 0 | 0 | 121 | 191 | |
| TR3 | 201 | 79 | 18 | 6 | 1 | 0 | 305 | 0 | 7 | 7 | 516 | 5 | 3 | 3 | 6 | 3 | 0 | 530 | 842 | |
| TR4 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | |
| TR5 | 1,045 | 566 | 122 | 57 | 2 | 1 | 1,793 | 0 | 5 | 5 | 3,034 | 31 | 21 | 19 | 40 | 61 | 0 | 3,166 | 4,964 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,249 | 245 | 157 | 172 | 4 | 1 | 1,828 | 0 | 5 | 5 | 3,097 | 46 | 9 | 6 | 15 | 22 | 0 | 3,180 | 5,013 | |
| TR8 | 564 | 223 | 137 | 37 | 0 | 0 | 961 | 0 | 0 | 0 | 1,629 | 42 | 8 | 6 | 14 | 69 | 0 | 1,754 | 2,715 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 1,116 | 496 | 486 | 205 | 0 | 0 | 2,303 | 0 | 0 | 0 | 3,902 | 63 | 19 | 17 | 36 | 26 | 0 | 4,027 | 6,330 | |
| TL1 | 1,537 | 803 | 235 | 111 | 2 | 1 | 2,689 | 0 | 0 | 0 | 4,554 | 63 | 30 | 19 | 49 | 38 | 0 | 4,704 | 7,393 | |
| TL2 | 18,998 | 11,761 | 4,868 | 2,310 | 12 | 4 | 37,953 | 0 | 0 | 0 | 64,292 | 1,207 | 427 | 321 | 748 | 1,360 | 0 | 67,607 | 105,560 | |
| TL3 | 14 | 8 | 0 | 0 | 0 | 0 | 22 | 0 | 5 | 5 | 38 | 0 | 0 | 1 | 1 | 0 | 0 | 39 | 66 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 18 | 5 | 4 | 1 | 0 | 0 | 28 | 0 | 0 | 0 | 48 | 1 | 0 | 0 | 0 | 0 | 0 | 49 | 77 | |
| TL6 | 277 | 134 | 48 | 39 | 0 | 0 | 498 | 0 | 0 | 0 | 844 | 11 | 5 | 4 | 9 | 9 | 0 | 873 | 1,371 | |
| TL7 | 166 | 58 | 3 | 3 | 1 | 0 | 231 | 0 | 4 | 4 | 392 | 1 | 2 | 2 | 4 | 2 | 0 | 399 | 634 | |
| TL8 | 76 | 25 | 12 | 5 | 0 | 0 | 118 | 0 | 0 | 0 | 198 | 4 | 1 | 1 | 2 | 1 | 0 | 205 | 323 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 45 | 6 | 48 | 7 | 0 | 0 | 106 | 0 | 0 | 0 | 180 | 6 | 0 | 0 | 0 | 3 | 0 | 189 | 295 | |
| TL11 | 76 | 33 | 32 | 5 | 0 | 0 | 146 | 0 | 0 | 0 | 247 | 7 | 1 | 2 | 3 | 8 | 0 | 265 | 411 | |
| TL12 | 1,494 | 646 | 636 | 135 | 1 | 0 | 2,912 | 0 | 7 | 7 | 4,933 | 68 | 24 | 19 | 43 | 38 | 0 | 5,082 | 8,001 | |
| TL13 | 944 | 434 | 178 | 51 | 0 | 0 | 1,607 | 0 | 0 | 0 | 2,721 | 47 | 16 | 21 | 37 | 41 | 0 | 2,846 | 4,453 | |
| 合計 | 28,603 | 15,692 | 7,344 | 3,320 | 23 | 7 | 54,989 | 0 | 33 | 33 | 93,148 | 1,691 | 574 | 454 | 1,028 | 1,693 | 0 | 97,560 | 152,582 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 4,715 | 1,233 | 1,676 | 1,388 | 1 | 0 | 9,013 | 0 | 0 | 0 | 15,268 | 374 | 44 | 34 | 78 | 85 | 0 | 15,805 | 24,818 | |
| TR2 | 33 | 11 | 36 | 1 | 0 | 0 | 81 | 0 | 0 | 0 | 138 | 2 | 0 | 0 | 0 | 0 | 0 | 140 | 221 | |
| TR3 | 323 | 127 | 25 | 10 | 1 | 1 | 487 | 0 | 9 | 9 | 824 | 7 | 5 | 5 | 10 | 4 | 0 | 845 | 1,341 | |
| TR4 | 10 | 3 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 38 | |
| TR5 | 1,463 | 777 | 166 | 81 | 2 | 1 | 2,490 | 0 | 5 | 5 | 4,218 | 43 | 28 | 23 | 51 | 82 | 0 | 4,394 | 6,889 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,331 | 251 | 160 | 177 | 4 | 1 | 1,924 | 0 | 5 | 5 | 3,261 | 50 | 9 | 6 | 15 | 22 | 0 | 3,348 | 5,277 | |
| TR8 | 656 | 258 | 147 | 41 | 1 | 0 | 1,103 | 0 | 0 | 0 | 1,867 | 48 | 10 | 7 | 17 | 78 | 0 | 2,010 | 3,113 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 2,133 | 900 | 631 | 328 | 0 | 0 | 3,992 | 0 | 0 | 0 | 6,762 | 113 | 32 | 22 | 54 | 42 | 0 | 6,971 | 10,963 | |
| TL1 | 1,560 | 807 | 235 | 112 | 2 | 1 | 2,717 | 0 | 0 | 0 | 4,601 | 64 | 30 | 19 | 49 | 38 | 0 | 4,752 | 7,469 | |
| TL2 | 29,999 | 18,056 | 7,410 | 3,520 | 20 | 7 | 59,012 | 0 | 2 | 2 | 99,967 | 1,905 | 672 | 495 | 1,167 | 1,856 | 0 | 104,895 | 163,909 | |
| TL3 | 35 | 25 | 0 | 0 | 0 | 0 | 60 | 0 | 6 | 6 | 101 | 0 | 1 | 1 | 2 | 0 | 0 | 103 | 169 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 46 | 16 | 9 | 1 | 1 | 0 | 73 | 0 | 0 | 0 | 123 | 3 | 1 | 1 | 2 | 0 | 0 | 128 | 201 | |
| TL6 | 378 | 174 | 59 | 51 | 0 | 0 | 662 | 0 | 0 | 0 | 1,122 | 15 | 6 | 5 | 11 | 12 | 0 | 1,160 | 1,822 | |
| TL7 | 203 | 72 | 4 | 5 | 1 | 0 | 285 | 0 | 4 | 4 | 482 | 1 | 3 | 2 | 5 | 2 | 0 | 490 | 779 | |
| TL8 | 104 | 35 | 17 | 7 | 0 | 0 | 163 | 0 | 0 | 0 | 274 | 5 | 1 | 1 | 2 | 2 | 0 | 283 | 446 | |
| TL9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL10 | 80 | 12 | 61 | 11 | 0 | 0 | 164 | 0 | 0 | 0 | 277 | 10 | 0 | 0 | 0 | 5 | 0 | 292 | 456 | |
| TL11 | 163 | 69 | 72 | 15 | 0 | 0 | 319 | 0 | 0 | 0 | 542 | 14 | 3 | 3 | 6 | 22 | 0 | 584 | 903 | |
| TL12 | 2,319 | 961 | 913 | 185 | 2 | 1 | 4,381 | 0 | 7 | 7 | 7,419 | 102 | 35 | 24 | 59 | 62 | 0 | 7,642 | 12,030 | |
| TL13 | 2,506 | 1,255 | 422 | 131 | 1 | 0 | 4,315 | 0 | 0 | 0 | 7,308 | 111 | 44 | 41 | 85 | 122 | 0 | 7,626 | 11,941 | |
| 合計 | 48,102 | 25,052 | 12,044 | 6,064 | 36 | 12 | 91,310 | 0 | 38 | 38 | 154,671 | 2,867 | 924 | 689 | 1,613 | 2,434 | 0 | 161,585 | 252,933 | |

様式－3　　被害額　天竜川直轄河川改修事業 整備計画実施後河道　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| TR1 | 5,470 | 1,549 | 1,745 | 1,484 | 1 | 0 | 10,249 | 0 | 0 | 0 | 17,363 | 424 | 54 | 37 | 91 | 107 | 0 | 17,985 | 28,234 | |
| TR2 | 44 | 14 | 46 | 2 | 0 | 0 | 106 | 0 | 0 | 0 | 178 | 2 | 1 | 0 | 1 | 0 | 0 | 181 | 287 | |
| TR3 | 461 | 187 | 30 | 13 | 2 | 1 | 694 | 0 | 10 | 10 | 1,175 | 9 | 7 | 5 | 12 | 6 | 0 | 1,202 | 1,906 | |
| TR4 | 24 | 9 | 1 | 1 | 0 | 0 | 35 | 0 | 0 | 0 | 59 | 0 | 0 | 1 | 1 | 0 | 0 | 60 | 95 | |
| TR5 | 1,749 | 917 | 195 | 101 | 2 | 1 | 2,965 | 0 | 5 | 5 | 5,021 | 51 | 34 | 26 | 60 | 99 | 0 | 5,231 | 8,201 | |
| TR6 | 45 | 10 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 148 | |
| TR7 | 1,332 | 251 | 160 | 177 | 4 | 1 | 1,925 | 0 | 5 | 5 | 3,262 | 50 | 9 | 6 | 15 | 22 | 0 | 3,349 | 5,279 | |
| TR8 | 714 | 276 | 152 | 43 | 1 | 0 | 1,186 | 0 | 0 | 0 | 2,008 | 51 | 10 | 7 | 17 | 80 | 0 | 2,156 | 3,342 | |
| TR9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TR10 | 2,720 | 1,035 | 710 | 381 | 0 | 0 | 4,846 | 0 | 0 | 0 | 8,209 | 147 | 39 | 26 | 65 | 45 | 0 | 8,466 | 13,312 | |
| TL1 | 1,560 | 807 | 235 | 112 | 2 | 1 | 2,717 | 0 | 0 | 0 | 4,601 | 64 | 30 | 19 | 49 | 38 | 0 | 4,752 | 7,469 | |
| TL2 | 34,693 | 21,447 | 8,651 | 4,038 | 26 | 9 | 68,864 | 0 | 2 | 2 | 116,655 | 2,181 | 798 | 584 | 1,382 | 2,081 | 0 | 122,299 | 191,165 | |
| TL3 | 37 | 26 | 0 | 0 | 0 | 0 | 63 | 0 | 6 | 6 | 107 | 0 | 1 | 1 | 2 | 0 | 0 | 109 | 178 | |
| TL4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| TL5 | 79 | 24 | 16 | 2 | 1 | 0 | 122 | 0 | 2 | 2 | 206 | 5 | 1 | 1 | 2 | 1 | 0 | 214 | 338 | |
| TL6 | 441 | 195 | 62 | 56 | 0 | 0 | 754 | 0 | 0 | 0 | 1,277 | 17 | 7 | 5 | 12 | 13 | 0 | 1,319 | 2,073 | |
| TL7 | 227 | 77 | 5 | 5 | 1 | 0 | 315 | 0 | 5 | 5 | 532 | 2 | 3 | 2 | 5 | 3 | 0 | 542 | 862 | |
| TL8 | 139 | 46 | 20 | 9 | 0 | 0 | 214 | 0 | 0 | 0 | 361 | 7 | 2 | 1 | 3 | 4 | 0 | 375 | 589 | |
| TL9 | 550 | 279 | 21 | 14 | 4 | 1 | 869 | 0 | 26 | 26 | 1,472 | 7 | 10 | 9 | 19 | 8 | 0 | 1,506 | 2,401 | |
| TL10 | 108 | 13 | 67 | 13 | 0 | 0 | 201 | 0 | 0 | 0 | 340 | 14 | 1 | 0 | 1 | 5 | 0 | 360 | 561 | |
| TL11 | 285 | 120 | 89 | 23 | 0 | 0 | 517 | 0 | 0 | 0 | 874 | 22 | 4 | 3 | 7 | 37 | 0 | 940 | 1,457 | |
| TL12 | 3,016 | 1,140 | 1,065 | 211 | 2 | 1 | 5,435 | 0 | 8 | 8 | 9,206 | 140 | 43 | 29 | 72 | 76 | 0 | 9,494 | 14,937 | |
| TL13 | 4,607 | 2,119 | 568 | 200 | 2 | 1 | 7,497 | 0 | 0 | 0 | 12,699 | 196 | 77 | 53 | 130 | 204 | 0 | 13,229 | 20,726 | |
| 合計 | 58,301 | 30,541 | 13,838 | 6,885 | 48 | 16 | 109,629 | 0 | 69 | 69 | 185,698 | 3,389 | 1,131 | 815 | 1,946 | 2,829 | 0 | 193,862 | 303,560 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／1．1，下流1／1．75　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／3、下流1／2　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 1 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 82 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 45 | 2 | 0 | 0 | 0 | 0 | 47 | 3 | 0 | 3 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 128 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 7 | |
| R54 | 4 | 2 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 21 | 4 | 1 | 1 | 0 | 0 | 27 | 1 | 0 | 1 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 73 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 66 | 13 | 0 | 0 | 0 | 0 | 79 | 5 | 0 | 5 | 134 | 0 | 2 | 2 | 4 | 0 | 0 | 138 | 222 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 166 | 23 | 2 | 2 | 0 | 0 | 193 | 10 | 0 | 10 | 325 | 0 | 2 | 2 | 4 | 0 | 0 | 329 | 532 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／8、下流1／6　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 706 | 2 | 0 | 1 | 0 | 0 | 709 | 9 | 0 | 9 | 1,202 | 1 | 0 | 0 | 0 | 0 | 0 | 1,203 | 1,921 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 2 | 0 | 2 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 60 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 51 | 3 | 0 | 0 | 0 | 0 | 54 | 4 | 0 | 4 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 151 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 10 | 3 | 0 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | |
| R54 | 8 | 3 | 1 | 1 | 0 | 0 | 13 | 1 | 0 | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 36 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 369 | 17 | 1 | 1 | 0 | 0 | 388 | 4 | 0 | 4 | 658 | 0 | 1 | 1 | 2 | 0 | 0 | 660 | 1,052 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 205 | 49 | 0 | 0 | 2 | 1 | 257 | 7 | 0 | 7 | 434 | 0 | 2 | 2 | 4 | 0 | 0 | 438 | 702 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 1,353 | 93 | 5 | 3 | 2 | 1 | 1,457 | 28 | 0 | 28 | 2,468 | 1 | 3 | 3 | 6 | 0 | 0 | 2,475 | 3,960 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／30、下流1／18　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 14 | 15 | 3 | 2 | 0 | 0 | 34 | 1 | 0 | 1 | 59 | 1 | 1 | 0 | 1 | 0 | 0 | 61 | 96 | |
| R41 | 842 | 6 | 1 | 1 | 0 | 0 | 850 | 13 | 0 | 13 | 1,440 | 1 | 0 | 0 | 0 | 0 | 0 | 1,441 | 2,304 | |
| R42 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 62 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 132 | 87 | 0 | 0 | 6 | 2 | 227 | 19 | 0 | 19 | 384 | 0 | 3 | 2 | 5 | 0 | 0 | 389 | 635 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 68 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 15 | 11 | 1 | 1 | 0 | 29 | 1 | 0 | 1 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 78 | |
| R54 | 43 | 11 | 4 | 4 | 0 | 0 | 62 | 4 | 0 | 4 | 104 | 1 | 1 | 0 | 1 | 0 | 0 | 106 | 172 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 94 | 5 | 2 | 2 | 0 | 0 | 103 | 2 | 0 | 2 | 173 | 0 | 0 | 0 | 0 | 0 | 0 | 173 | 278 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L62 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| R63 | 1,307 | 49 | 1 | 1 | 0 | 0 | 1,358 | 11 | 0 | 11 | 2,302 | 0 | 2 | 1 | 3 | 0 | 0 | 2,305 | 3,674 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 390 | 110 | 0 | 1 | 6 | 2 | 509 | 13 | 0 | 13 | 863 | 1 | 5 | 3 | 8 | 0 | 0 | 872 | 1,394 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 2,868 | 309 | 24 | 12 | 13 | 4 | 3,230 | 67 | 0 | 67 | 5,470 | 4 | 12 | 6 | 18 | 0 | 0 | 5,492 | 8,789 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／50、下流1／27　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 81 | 37 | 12 | 7 | 1 | 0 | 138 | 0 | 0 | 0 | 232 | 4 | 1 | 1 | 2 | 0 | 0 | 238 | 376 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 21 | 16 | 3 | 2 | 0 | 0 | 42 | 1 | 0 | 1 | 72 | 1 | 1 | 0 | 1 | 0 | 0 | 74 | 117 | |
| R41 | 845 | 9 | 1 | 2 | 0 | 0 | 857 | 16 | 0 | 16 | 1,451 | 2 | 0 | 0 | 0 | 0 | 0 | 1,453 | 2,326 | |
| R42 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 62 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 12 | 0 | 0 | 2 | 0 | 89 | 3 | 0 | 3 | 152 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 244 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 107 | 0 | 0 | 7 | 2 | 261 | 20 | 0 | 20 | 442 | 0 | 4 | 3 | 7 | 0 | 0 | 449 | 730 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 68 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 16 | 15 | 1 | 1 | 0 | 34 | 1 | 0 | 1 | 56 | 0 | 1 | 0 | 1 | 0 | 0 | 57 | 92 | |
| R54 | 80 | 14 | 5 | 5 | 0 | 0 | 104 | 5 | 0 | 5 | 175 | 1 | 1 | 1 | 2 | 0 | 0 | 178 | 287 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 112 | 6 | 2 | 2 | 0 | 0 | 122 | 3 | 0 | 3 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 333 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 8 | 1 | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 28 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 29 | |
| R63 | 1,479 | 60 | 1 | 1 | 0 | 0 | 1,541 | 14 | 0 | 14 | 2,612 | 0 | 2 | 1 | 3 | 0 | 0 | 2,615 | 4,170 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 493 | 180 | 1 | 2 | 11 | 3 | 690 | 14 | 1 | 15 | 1,168 | 1 | 7 | 4 | 11 | 0 | 0 | 1,180 | 1,885 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 3,385 | 471 | 43 | 25 | 22 | 5 | 3,951 | 81 | 1 | 82 | 6,693 | 9 | 17 | 10 | 27 | 0 | 0 | 6,729 | 10,762 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／62、下流1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 83 | 43 | 37 | 16 | 1 | 0 | 180 | 1 | 0 | 1 | 304 | 7 | 1 | 1 | 2 | 0 | 0 | 313 | 494 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 28 | 19 | 4 | 3 | 0 | 0 | 54 | 1 | 0 | 1 | 91 | 1 | 1 | 0 | 1 | 0 | 0 | 93 | 148 | |
| R41 | 849 | 10 | 1 | 2 | 0 | 0 | 862 | 17 | 0 | 17 | 1,461 | 2 | 0 | 0 | 0 | 0 | 0 | 1,463 | 2,342 | |
| R42 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 | |
| R43 | 13 | 10 | 0 | 0 | 0 | 0 | 23 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 63 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 14 | 0 | 0 | 2 | 1 | 92 | 4 | 0 | 4 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 252 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 107 | 0 | 0 | 7 | 2 | 261 | 20 | 0 | 20 | 442 | 0 | 4 | 3 | 7 | 0 | 0 | 449 | 730 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 68 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 16 | 15 | 1 | 1 | 0 | 34 | 1 | 0 | 1 | 56 | 0 | 1 | 0 | 1 | 0 | 0 | 57 | 92 | |
| R54 | 82 | 14 | 5 | 5 | 0 | 0 | 106 | 5 | 0 | 5 | 178 | 1 | 1 | 1 | 2 | 0 | 0 | 181 | 292 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 116 | 6 | 2 | 2 | 0 | 0 | 126 | 3 | 0 | 3 | 214 | 0 | 0 | 0 | 0 | 0 | 0 | 214 | 343 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 8 | 1 | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 28 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| R63 | 1,507 | 64 | 1 | 1 | 0 | 0 | 1,573 | 15 | 0 | 15 | 2,667 | 0 | 3 | 1 | 4 | 0 | 0 | 2,671 | 4,259 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 514 | 193 | 1 | 2 | 12 | 3 | 725 | 15 | 1 | 16 | 1,228 | 1 | 8 | 4 | 12 | 0 | 0 | 1,241 | 1,982 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 3,454 | 501 | 70 | 35 | 23 | 6 | 4,089 | 87 | 1 | 88 | 6,924 | 12 | 19 | 10 | 29 | 0 | 0 | 6,965 | 11,142 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：上流1／100、下流1／55　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 149 | 96 | 96 | 41 | 2 | 1 | 385 | 1 | 1 | 2 | 650 | 18 | 4 | 2 | 6 | 0 | 0 | 674 | 1,061 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 13 | 0 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 37 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 40 | 19 | 4 | 3 | 0 | 0 | 66 | 1 | 0 | 1 | 111 | 1 | 1 | 1 | 2 | 0 | 0 | 114 | 181 | |
| R41 | 927 | 27 | 3 | 6 | 0 | 0 | 963 | 21 | 0 | 21 | 1,630 | 3 | 1 | 1 | 2 | 0 | 0 | 1,635 | 2,619 | |
| R42 | 23 | 12 | 3 | 4 | 0 | 0 | 42 | 4 | 0 | 4 | 70 | 5 | 1 | 1 | 2 | 0 | 0 | 77 | 123 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 79 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 21 | 0 | 0 | 3 | 1 | 100 | 5 | 0 | 5 | 168 | 0 | 1 | 1 | 2 | 0 | 0 | 170 | 275 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 170 | 0 | 0 | 11 | 3 | 329 | 23 | 0 | 23 | 556 | 0 | 6 | 3 | 9 | 0 | 0 | 565 | 917 | |
| R48 | 36 | 0 | 0 | 0 | 0 | 0 | 36 | 1 | 0 | 1 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 98 | |
| R49 | 13 | 3 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 45 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 1 | 0 | 1 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 69 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 21 | 25 | 1 | 1 | 0 | 49 | 2 | 0 | 2 | 84 | 0 | 1 | 0 | 1 | 0 | 0 | 85 | 136 | |
| R54 | 91 | 15 | 5 | 5 | 0 | 0 | 116 | 5 | 0 | 5 | 196 | 1 | 1 | 1 | 2 | 0 | 0 | 199 | 320 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 135 | 8 | 3 | 2 | 0 | 0 | 148 | 3 | 0 | 3 | 250 | 0 | 1 | 0 | 1 | 0 | 0 | 251 | 402 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 14 | 1 | 1 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 44 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| R63 | 1,608 | 75 | 1 | 1 | 0 | 0 | 1,685 | 17 | 0 | 17 | 2,856 | 0 | 3 | 2 | 5 | 0 | 0 | 2,861 | 4,563 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 4 | 2 | 1 | 1 | 0 | 0 | 8 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 22 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 615 | 239 | 1 | 3 | 15 | 4 | 877 | 18 | 1 | 19 | 1,485 | 1 | 10 | 5 | 15 | 0 | 0 | 1,501 | 2,397 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 1 | 6 | 1 | 0 | 0 | 8 | 0 | 0 | 0 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 23 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 54 | 4 | 17 | 11 | 0 | 0 | 86 | 5 | 1 | 6 | 144 | 5 | 1 | 1 | 2 | 0 | 0 | 151 | 243 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 874 | 792 | 530 | 355 | 1 | 0 | 2,552 | 7 | 0 | 7 | 4,323 | 103 | 35 | 22 | 57 | 23 | 0 | 4,506 | 7,065 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 4,865 | 1,520 | 699 | 438 | 33 | 9 | 7,564 | 118 | 3 | 121 | 12,803 | 140 | 66 | 40 | 106 | 23 | 0 | 13,072 | 20,757 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：整備計画実施後河道
流量規模：下流1／100　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 156 | 124 | 175 | 65 | 3 | 1 | 524 | 1 | 3 | 4 | 886 | 41 | 6 | 3 | 9 | 0 | 0 | 936 | 1,464 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 135 | 2 | 1 | 0 | 0 | 0 | 138 | 0 | 0 | 0 | 234 | 1 | 0 | 0 | 0 | 0 | 0 | 235 | 373 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 39 | 19 | 4 | 3 | 0 | 0 | 65 | 1 | 0 | 1 | 110 | 1 | 1 | 0 | 1 | 0 | 0 | 112 | 178 | |
| R41 | 920 | 27 | 3 | 6 | 0 | 0 | 956 | 20 | 0 | 20 | 1,619 | 3 | 1 | 1 | 2 | 0 | 0 | 1,624 | 2,600 | |
| R42 | 21 | 10 | 3 | 3 | 0 | 0 | 37 | 3 | 0 | 3 | 64 | 4 | 1 | 1 | 2 | 0 | 0 | 70 | 110 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 78 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 18 | 0 | 0 | 2 | 1 | 96 | 4 | 0 | 4 | 162 | 0 | 1 | 0 | 1 | 0 | 0 | 163 | 263 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 155 | 0 | 0 | 10 | 3 | 313 | 22 | 0 | 22 | 529 | 0 | 5 | 3 | 8 | 0 | 0 | 537 | 872 | |
| R48 | 30 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 1 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 81 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 25 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 68 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 21 | 24 | 1 | 1 | 0 | 48 | 2 | 0 | 2 | 80 | 0 | 1 | 0 | 1 | 0 | 0 | 81 | 131 | |
| R54 | 12 | 5 | 2 | 2 | 0 | 0 | 21 | 2 | 0 | 2 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 59 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 17 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| R63 | 1,068 | 43 | 1 | 1 | 0 | 0 | 1,113 | 10 | 0 | 10 | 1,886 | 0 | 2 | 1 | 3 | 0 | 0 | 1,889 | 3,012 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 360 | 87 | 0 | 0 | 5 | 1 | 453 | 12 | 0 | 12 | 768 | 1 | 4 | 3 | 7 | 0 | 0 | 776 | 1,241 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 3,014 | 522 | 213 | 81 | 21 | 6 | 3,857 | 81 | 3 | 84 | 6,536 | 51 | 22 | 12 | 34 | 0 | 0 | 6,621 | 10,562 | |

様式－3　　被害額　天竜川直轄河川改修事業（当面の段階的な整備実施後河道）　　水系名：天竜川　　河川名：天竜川下流

流量規模：1／5　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

流量規模：1／9　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 4 | 12 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 27 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 4 | 12 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 27 | |

流量規模：1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 79,114 | 42,425 | 31,397 | 10,900 | 73 | 26 | 163,935 | 193 | 107 | 300 | 277,706 | 9,809 | 2,472 | 4,457 | 6,929 | 3,289 | 0 | 297,733 | 461,968 | |
| R2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 36,522 | 19,226 | 10,289 | 4,394 | 112 | 41 | 70,584 | 387 | 163 | 550 | 119,572 | 2,997 | 921 | 1,522 | 2,443 | 873 | 0 | 125,885 | 197,019 | |
| L2 | 27 | 7 | 8 | 4 | 0 | 0 | 46 | 9 | 26 | 35 | 80 | 3 | 0 | 1 | 1 | 0 | 0 | 84 | 165 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 115,663 | 61,658 | 41,694 | 15,298 | 185 | 67 | 234,565 | 589 | 296 | 885 | 397,358 | 12,809 | 3,393 | 5,980 | 9,373 | 4,162 | 0 | 423,702 | 659,152 | |

流量規模：1／42　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 117,461 | 72,306 | 49,869 | 16,836 | 127 | 46 | 256,645 | 260 | 209 | 469 | 434,761 | 14,101 | 3,520 | 6,134 | 9,654 | 5,050 | 0 | 463,566 | 720,680 | |
| R2 | 24,398 | 12,150 | 10,654 | 4,429 | 41 | 15 | 51,687 | 134 | 493 | 627 | 87,556 | 2,885 | 672 | 1,169 | 1,841 | 831 | 0 | 93,113 | 145,427 | |
| R3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L1 | 69,378 | 39,048 | 19,922 | 8,958 | 219 | 83 | 137,608 | 637 | 440 | 1,077 | 233,111 | 5,166 | 1,683 | 2,537 | 4,220 | 1,642 | 0 | 244,139 | 382,824 | |
| L2 | 6,660 | 4,567 | 3,523 | 2,575 | 71 | 27 | 17,423 | 69 | 220 | 289 | 29,512 | 742 | 163 | 165 | 328 | 337 | 0 | 30,919 | 48,631 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 217,897 | 128,071 | 83,968 | 32,798 | 458 | 171 | 463,363 | 1,100 | 1,362 | 2,462 | 784,940 | 22,894 | 6,038 | 10,005 | 16,043 | 7,860 | 0 | 831,737 | 1,297,562 | |

様式－3　　被害額　天竜川直轄河川改修事業（当面の段階的な整備実施後河道）　　水系名：天竜川　　河川名：天竜川下流

流量規模：1／50　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 125,881 | 80,180 | 52,446 | 17,909 | 139 | 51 | 276,606 | 261 | 275 | 536 | 468,574 | 14,572 | 3,761 | 6,473 | 10,234 | 5,363 | 0 | 498,743 | 775,885 | |
| R2 | 27,295 | 13,542 | 11,714 | 4,917 | 46 | 17 | 57,531 | 139 | 625 | 764 | 97,455 | 3,174 | 750 | 1,304 | 2,054 | 910 | 0 | 103,593 | 161,888 | |
| R3 | 2,159 | 1,014 | 1,215 | 740 | 3 | 1 | 5,132 | 0 | 58 | 58 | 8,692 | 294 | 42 | 63 | 105 | 41 | 0 | 9,132 | 14,322 | |
| L1 | 77,266 | 43,530 | 22,005 | 9,981 | 239 | 91 | 153,112 | 675 | 480 | 1,155 | 259,372 | 5,676 | 1,872 | 2,792 | 4,664 | 1,834 | 0 | 271,546 | 425,813 | |
| L2 | 8,312 | 5,162 | 3,779 | 2,780 | 80 | 30 | 20,143 | 81 | 245 | 326 | 34,122 | 822 | 189 | 195 | 384 | 374 | 0 | 35,702 | 56,171 | |
| L3 | 1,080 | 357 | 63 | 36 | 3 | 1 | 1,540 | 4 | 58 | 62 | 2,611 | 21 | 20 | 37 | 57 | 6 | 0 | 2,695 | 4,297 | |
| 合計 | 241,993 | 143,785 | 91,222 | 36,363 | 510 | 191 | 514,064 | 1,160 | 1,741 | 2,901 | 870,826 | 24,559 | 6,634 | 10,864 | 17,498 | 8,528 | 0 | 921,411 | 1,438,376 | |

流量規模：1／86　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 165,296 | 114,293 | 70,094 | 24,108 | 206 | 77 | 374,074 | 333 | 401 | 734 | 633,694 | 18,367 | 4,945 | 8,195 | 13,140 | 7,044 | 0 | 672,245 | 1,047,053 | |
| R2 | 39,242 | 18,548 | 15,458 | 6,433 | 59 | 21 | 79,761 | 173 | 891 | 1,064 | 135,113 | 4,319 | 1,100 | 1,914 | 3,014 | 1,321 | 0 | 143,767 | 224,592 | |
| R3 | 3,723 | 1,706 | 2,214 | 1,450 | 5 | 2 | 9,100 | 0 | 77 | 77 | 15,415 | 459 | 66 | 89 | 155 | 72 | 0 | 16,101 | 25,278 | |
| L1 | 97,446 | 57,219 | 27,465 | 12,676 | 304 | 115 | 195,225 | 756 | 547 | 1,303 | 330,710 | 6,748 | 2,313 | 3,336 | 5,649 | 2,298 | 0 | 345,405 | 541,933 | |
| L2 | 10,997 | 6,366 | 4,809 | 3,660 | 97 | 35 | 25,964 | 91 | 330 | 421 | 43,983 | 1,144 | 244 | 253 | 497 | 475 | 0 | 46,099 | 72,484 | |
| L3 | 1,289 | 518 | 80 | 46 | 5 | 2 | 1,940 | 5 | 65 | 70 | 3,283 | 24 | 24 | 42 | 66 | 8 | 0 | 3,381 | 5,391 | |
| 合計 | 317,993 | 198,650 | 120,120 | 48,373 | 676 | 252 | 686,064 | 1,358 | 2,311 | 3,669 | 1,162,198 | 31,061 | 8,692 | 13,829 | 22,521 | 11,218 | 0 | 1,226,998 | 1,916,731 | |

流量規模：1／150　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 186,286 | 134,388 | 81,042 | 28,086 | 242 | 92 | 430,136 | 370 | 460 | 830 | 728,662 | 20,307 | 5,564 | 9,017 | 14,581 | 7,977 | 0 | 771,527 | 1,202,493 | |
| R2 | 44,251 | 20,992 | 17,169 | 7,173 | 65 | 24 | 89,674 | 194 | 946 | 1,140 | 151,907 | 4,802 | 1,242 | 2,157 | 3,399 | 1,501 | 0 | 161,609 | 252,423 | |
| R3 | 4,624 | 2,129 | 2,707 | 1,789 | 6 | 2 | 11,257 | 0 | 83 | 83 | 19,068 | 548 | 84 | 112 | 196 | 92 | 0 | 19,904 | 31,244 | |
| L1 | 110,210 | 66,273 | 31,195 | 14,552 | 346 | 131 | 222,707 | 793 | 589 | 1,382 | 377,263 | 7,412 | 2,593 | 3,632 | 6,225 | 2,618 | 0 | 393,518 | 617,607 | |
| L2 | 12,725 | 7,030 | 5,593 | 4,255 | 107 | 38 | 29,748 | 95 | 424 | 519 | 50,392 | 1,442 | 276 | 290 | 566 | 522 | 0 | 52,922 | 83,189 | |
| L3 | 2,055 | 749 | 157 | 79 | 6 | 2 | 3,048 | 7 | 96 | 103 | 5,162 | 59 | 40 | 71 | 111 | 27 | 0 | 5,359 | 8,510 | |
| 合計 | 360,151 | 231,561 | 137,863 | 55,934 | 772 | 289 | 786,570 | 1,459 | 2,598 | 4,057 | 1,332,454 | 34,570 | 9,799 | 15,279 | 25,078 | 12,737 | 0 | 1,404,839 | 2,195,466 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／1．1、下流1／1．75　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／3、下流1／2　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 70 | 3 | 1 | 2 | 0 | 0 | 76 | 1 | 0 | 1 | 128 | 1 | 0 | 0 | 0 | 0 | 0 | 129 | 206 | |
| L34 | 108 | 4 | 1 | 1 | 0 | 0 | 114 | 3 | 0 | 3 | 194 | 1 | 0 | 0 | 0 | 0 | 0 | 195 | 312 | |
| L35 | 92 | 18 | 10 | 8 | 1 | 0 | 129 | 9 | 0 | 9 | 217 | 8 | 3 | 3 | 6 | 0 | 0 | 231 | 369 | |
| L36 | 156 | 12 | 1 | 0 | 0 | 0 | 169 | 6 | 0 | 6 | 286 | 0 | 1 | 1 | 2 | 0 | 0 | 288 | 463 | |
| L37 | 13 | 26 | 16 | 5 | 0 | 0 | 60 | 0 | 0 | 0 | 102 | 8 | 3 | 3 | 6 | 0 | 0 | 116 | 176 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R41 | 84 | 2 | 0 | 0 | 0 | 0 | 86 | 2 | 0 | 2 | 146 | 0 | 0 | 0 | 0 | 0 | 0 | 146 | 234 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 50 | 3 | 0 | 0 | 0 | 0 | 53 | 4 | 0 | 4 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 91 | 148 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 3 | 2 | 1 | 0 | 0 | 0 | 6 | 1 | 0 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | |
| R51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R54 | 4 | 2 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 17 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 146 | 9 | 1 | 1 | 0 | 0 | 157 | 2 | 0 | 2 | 265 | 0 | 0 | 0 | 0 | 0 | 0 | 265 | 424 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 100 | 21 | 0 | 0 | 0 | 0 | 121 | 5 | 0 | 5 | 206 | 0 | 2 | 2 | 4 | 0 | 0 | 210 | 336 | |
| L82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 826 | 103 | 31 | 18 | 1 | 0 | 979 | 33 | 0 | 33 | 1,657 | 18 | 9 | 9 | 18 | 0 | 0 | 1,693 | 2,705 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／8、下流1／6　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 126 | 13 | 10 | 8 | 0 | 0 | 157 | 1 | 2 | 3 | 265 | 6 | 1 | 1 | 2 | 0 | 0 | 273 | 433 | |
| L34 | 320 | 5 | 2 | 2 | 0 | 0 | 329 | 3 | 0 | 3 | 555 | 1 | 0 | 0 | 0 | 0 | 0 | 556 | 888 | |
| L35 | 166 | 51 | 25 | 19 | 2 | 1 | 264 | 10 | 0 | 10 | 446 | 15 | 4 | 4 | 8 | 0 | 0 | 469 | 743 | |
| L36 | 157 | 24 | 1 | 1 | 0 | 0 | 183 | 7 | 0 | 7 | 310 | 1 | 1 | 1 | 2 | 0 | 0 | 313 | 503 | |
| L37 | 13 | 69 | 27 | 9 | 1 | 0 | 119 | 1 | 0 | 1 | 203 | 10 | 5 | 5 | 10 | 0 | 0 | 223 | 343 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 14 | 15 | 3 | 2 | 0 | 0 | 34 | 1 | 0 | 1 | 59 | 1 | 1 | 0 | 1 | 0 | 0 | 61 | 96 | |
| R41 | 835 | 5 | 1 | 1 | 0 | 0 | 842 | 12 | 0 | 12 | 1,426 | 1 | 0 | 0 | 0 | 0 | 0 | 1,427 | 2,281 | |
| R42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R43 | 13 | 7 | 0 | 0 | 0 | 0 | 20 | 2 | 0 | 2 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 54 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 51 | 9 | 0 | 0 | 1 | 0 | 61 | 5 | 0 | 5 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 104 | 170 | |
| R48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L50 | 63 | 55 | 5 | 5 | 2 | 1 | 131 | 12 | 0 | 12 | 221 | 1 | 2 | 1 | 3 | 0 | 0 | 225 | 368 | |
| R51 | 25 | 5 | 0 | 0 | 0 | 0 | 30 | 2 | 0 | 2 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 83 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 10 | 3 | 0 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | |
| R54 | 8 | 3 | 1 | 1 | 0 | 0 | 13 | 1 | 0 | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 36 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R63 | 430 | 23 | 1 | 1 | 0 | 0 | 455 | 5 | 0 | 5 | 773 | 0 | 1 | 1 | 2 | 0 | 0 | 775 | 1,235 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 57 | 16 | 6 | 3 | 0 | 0 | 82 | 4 | 0 | 4 | 140 | 3 | 2 | 2 | 4 | 0 | 0 | 147 | 233 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 311 | 75 | 0 | 0 | 4 | 1 | 391 | 13 | 1 | 14 | 662 | 1 | 4 | 4 | 8 | 0 | 0 | 671 | 1,076 | |
| L82 | 256 | 39 | 3 | 1 | 0 | 0 | 299 | 19 | 1 | 20 | 506 | 2 | 6 | 6 | 12 | 0 | 0 | 520 | 839 | |
| L83 | 26 | 31 | 28 | 18 | 0 | 0 | 103 | 3 | 0 | 3 | 174 | 7 | 2 | 2 | 4 | 0 | 0 | 185 | 291 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 2,872 | 455 | 116 | 71 | 10 | 3 | 3,527 | 102 | 4 | 106 | 5,972 | 49 | 29 | 27 | 56 | 0 | 0 | 6,077 | 9,710 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／30、下流1／18　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 86 | 48 | 57 | 23 | 1 | 0 | 215 | 1 | 1 | 2 | 364 | 10 | 2 | 1 | 3 | 0 | 0 | 377 | 594 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 210 | 55 | 32 | 38 | 1 | 0 | 336 | 1 | 3 | 4 | 570 | 8 | 2 | 1 | 3 | 1 | 0 | 582 | 922 | |
| L34 | 320 | 7 | 3 | 3 | 0 | 0 | 333 | 3 | 0 | 3 | 564 | 1 | 0 | 0 | 0 | 0 | 0 | 565 | 901 | |
| L35 | 440 | 195 | 92 | 105 | 6 | 2 | 840 | 15 | 0 | 15 | 1,421 | 24 | 7 | 6 | 13 | 4 | 0 | 1,462 | 2,317 | |
| L36 | 159 | 32 | 1 | 1 | 0 | 0 | 193 | 8 | 0 | 8 | 327 | 1 | 2 | 1 | 3 | 0 | 0 | 331 | 532 | |
| L37 | 13 | 155 | 48 | 19 | 3 | 1 | 239 | 1 | 0 | 1 | 404 | 13 | 7 | 6 | 13 | 3 | 0 | 433 | 673 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 39 | 19 | 4 | 3 | 0 | 0 | 65 | 1 | 0 | 1 | 110 | 1 | 1 | 0 | 1 | 0 | 0 | 112 | 178 | |
| R41 | 913 | 23 | 2 | 6 | 0 | 0 | 944 | 19 | 0 | 19 | 1,600 | 2 | 1 | 0 | 1 | 0 | 0 | 1,603 | 2,566 | |
| R42 | 1 | 4 | 1 | 1 | 0 | 0 | 7 | 1 | 0 | 1 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 21 | |
| R43 | 13 | 9 | 0 | 0 | 0 | 0 | 22 | 3 | 0 | 3 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 62 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 15 | 0 | 0 | 2 | 1 | 93 | 4 | 0 | 4 | 157 | 0 | 1 | 0 | 1 | 0 | 0 | 158 | 255 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 139 | 0 | 0 | 9 | 3 | 296 | 22 | 0 | 22 | 500 | 0 | 4 | 3 | 7 | 0 | 0 | 507 | 825 | |
| R48 | 116 | 0 | 0 | 0 | 0 | 0 | 116 | 1 | 0 | 1 | 196 | 0 | 0 | 0 | 0 | 0 | 0 | 196 | 313 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 109 | 64 | 6 | 6 | 3 | 1 | 189 | 13 | 0 | 13 | 320 | 1 | 3 | 1 | 4 | 0 | 0 | 325 | 527 | |
| R51 | 40 | 41 | 0 | 0 | 2 | 0 | 83 | 7 | 0 | 7 | 141 | 0 | 1 | 1 | 2 | 0 | 0 | 143 | 233 | |
| R52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L53 | 1 | 16 | 15 | 1 | 1 | 0 | 34 | 1 | 0 | 1 | 56 | 0 | 1 | 0 | 1 | 0 | 0 | 57 | 92 | |
| R54 | 41 | 11 | 4 | 4 | 0 | 0 | 60 | 4 | 0 | 4 | 100 | 1 | 1 | 0 | 1 | 0 | 0 | 102 | 166 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 97 | 5 | 2 | 2 | 0 | 0 | 106 | 2 | 0 | 2 | 179 | 0 | 0 | 0 | 0 | 0 | 0 | 179 | 287 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L62 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| R63 | 1,749 | 83 | 1 | 1 | 0 | 0 | 1,834 | 26 | 0 | 26 | 3,107 | 0 | 5 | 3 | 8 | 0 | 0 | 3,115 | 4,975 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 57 | 65 | 218 | 107 | 0 | 0 | 447 | 8 | 0 | 8 | 757 | 90 | 14 | 14 | 28 | 1 | 0 | 876 | 1,331 | |
| R74 | 71 | 0 | 0 | 0 | 0 | 0 | 71 | 5 | 0 | 5 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 196 | |
| R75 | 189 | 84 | 17 | 10 | 2 | 1 | 303 | 6 | 0 | 6 | 512 | 4 | 4 | 4 | 8 | 0 | 0 | 524 | 833 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 285 | 167 | 92 | 96 | 0 | 0 | 640 | 8 | 1 | 9 | 1,083 | 13 | 8 | 4 | 12 | 0 | 0 | 1,108 | 1,757 | |
| R78 | 8 | 18 | 14 | 13 | 0 | 0 | 53 | 2 | 0 | 2 | 89 | 2 | 1 | 1 | 2 | 0 | 0 | 93 | 148 | |
| R79 | 102 | 50 | 0 | 0 | 0 | 0 | 152 | 6 | 0 | 6 | 258 | 0 | 2 | 1 | 3 | 0 | 0 | 261 | 419 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 626 | 208 | 1 | 2 | 12 | 3 | 852 | 22 | 1 | 23 | 1,442 | 1 | 11 | 7 | 18 | 0 | 0 | 1,461 | 2,336 | |
| L82 | 401 | 61 | 4 | 1 | 1 | 0 | 468 | 22 | 1 | 23 | 792 | 2 | 7 | 7 | 14 | 0 | 0 | 808 | 1,299 | |
| L83 | 29 | 33 | 31 | 19 | 0 | 0 | 112 | 4 | 0 | 4 | 190 | 8 | 3 | 2 | 5 | 0 | 0 | 203 | 319 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 1,017 | 1,406 | 961 | 329 | 9 | 2 | 3,724 | 2 | 1 | 3 | 6,308 | 345 | 84 | 63 | 147 | 77 | 0 | 6,877 | 10,604 | |
| L87 | 196 | 52 | 11 | 9 | 0 | 0 | 268 | 6 | 0 | 6 | 455 | 10 | 6 | 5 | 11 | 0 | 0 | 476 | 750 | |
| L88 | 1 | 0 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 10 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 5 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 71 | 24 | 4 | 3 | 1 | 0 | 103 | 3 | 0 | 3 | 175 | 1 | 2 | 1 | 3 | 0 | 0 | 179 | 285 | |
| L96 | 180 | 52 | 9 | 8 | 2 | 0 | 251 | 4 | 0 | 4 | 425 | 1 | 3 | 2 | 5 | 0 | 0 | 431 | 686 | |
| L97 | 258 | 45 | 30 | 28 | 0 | 0 | 361 | 3 | 4 | 7 | 612 | 5 | 3 | 2 | 5 | 0 | 0 | 622 | 990 | |
| L98 | 170 | 13 | 0 | 0 | 0 | 0 | 183 | 2 | 0 | 2 | 311 | 0 | 1 | 0 | 1 | 0 | 0 | 312 | 497 | |
| L99 | 689 | 39 | 0 | 0 | 2 | 0 | 730 | 4 | 0 | 4 | 1,236 | 0 | 2 | 1 | 3 | 0 | 0 | 1,239 | 1,973 | |
| L100 | 3 | 48 | 8 | 6 | 1 | 0 | 66 | 4 | 0 | 4 | 112 | 3 | 2 | 2 | 4 | 0 | 0 | 119 | 189 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 0 | 1 | 0 | 1 | 0 | 0 | 43 | 71 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 8,934 | 3,305 | 1,675 | 849 | 58 | 14 | 14,835 | 246 | 12 | 258 | 25,118 | 549 | 192 | 139 | 331 | 86 | 0 | 26,084 | 41,177 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／50、下流1／27　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 119 | 61 | 66 | 26 | 1 | 0 | 273 | 1 | 1 | 2 | 464 | 13 | 2 | 2 | 4 | 0 | 0 | 481 | 756 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 239 | 74 | 43 | 51 | 2 | 0 | 409 | 1 | 3 | 4 | 692 | 9 | 2 | 1 | 3 | 2 | 0 | 706 | 1,119 | |
| L34 | 320 | 7 | 3 | 3 | 0 | 0 | 333 | 3 | 0 | 3 | 564 | 1 | 0 | 0 | 0 | 0 | 0 | 565 | 901 | |
| L35 | 447 | 209 | 100 | 111 | 6 | 2 | 875 | 17 | 0 | 17 | 1,481 | 30 | 8 | 7 | 15 | 6 | 0 | 1,532 | 2,424 | |
| L36 | 159 | 40 | 2 | 1 | 1 | 0 | 203 | 10 | 0 | 10 | 345 | 1 | 2 | 2 | 4 | 0 | 0 | 350 | 563 | |
| L37 | 13 | 194 | 56 | 26 | 3 | 1 | 293 | 1 | 0 | 1 | 496 | 13 | 7 | 6 | 13 | 3 | 0 | 525 | 819 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 40 | 19 | 4 | 3 | 0 | 0 | 66 | 1 | 0 | 1 | 111 | 1 | 1 | 1 | 2 | 0 | 0 | 114 | 181 | |
| R41 | 920 | 27 | 3 | 6 | 0 | 0 | 956 | 20 | 0 | 20 | 1,619 | 3 | 1 | 1 | 2 | 0 | 0 | 1,624 | 2,600 | |
| R42 | 3 | 8 | 1 | 2 | 0 | 0 | 14 | 2 | 0 | 2 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 24 | 40 | |
| R43 | 13 | 11 | 0 | 0 | 0 | 0 | 24 | 3 | 0 | 3 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 66 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 19 | 0 | 0 | 2 | 1 | 97 | 5 | 0 | 5 | 165 | 0 | 1 | 0 | 1 | 0 | 0 | 166 | 268 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 155 | 0 | 0 | 10 | 3 | 313 | 22 | 0 | 22 | 529 | 0 | 5 | 3 | 8 | 0 | 0 | 537 | 872 | |
| R48 | 131 | 0 | 0 | 0 | 0 | 0 | 131 | 1 | 0 | 1 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 221 | 353 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 367 | 1 | 3 | 1 | 4 | 0 | 0 | 372 | 604 | |
| R51 | 40 | 41 | 0 | 0 | 2 | 0 | 83 | 7 | 0 | 7 | 141 | 0 | 1 | 1 | 2 | 0 | 0 | 143 | 233 | |
| R52 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| L53 | 1 | 17 | 17 | 1 | 1 | 0 | 37 | 1 | 0 | 1 | 62 | 0 | 1 | 0 | 1 | 0 | 0 | 63 | 101 | |
| R54 | 68 | 13 | 5 | 5 | 0 | 0 | 91 | 5 | 0 | 5 | 155 | 1 | 1 | 1 | 2 | 0 | 0 | 158 | 254 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 114 | 6 | 2 | 2 | 0 | 0 | 124 | 3 | 0 | 3 | 211 | 0 | 0 | 0 | 0 | 0 | 0 | 211 | 338 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 8 | 1 | 1 | 1 | 0 | 0 | 11 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 28 | |
| L62 | 1 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | |
| R63 | 1,839 | 97 | 1 | 1 | 0 | 0 | 1,938 | 30 | 0 | 30 | 3,284 | 0 | 6 | 4 | 10 | 0 | 0 | 3,294 | 5,262 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 60 | 78 | 226 | 111 | 0 | 0 | 475 | 9 | 0 | 9 | 804 | 91 | 15 | 15 | 30 | 1 | 0 | 926 | 1,410 | |
| R74 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 5 | 0 | 5 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 224 | |
| R75 | 318 | 126 | 23 | 15 | 3 | 1 | 486 | 8 | 0 | 8 | 824 | 5 | 5 | 5 | 10 | 0 | 0 | 839 | 1,333 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 333 | 186 | 101 | 107 | 0 | 0 | 727 | 9 | 1 | 10 | 1,232 | 14 | 9 | 4 | 13 | 0 | 0 | 1,259 | 1,996 | |
| R78 | 8 | 20 | 15 | 14 | 0 | 0 | 57 | 2 | 0 | 2 | 98 | 2 | 1 | 1 | 2 | 0 | 0 | 102 | 161 | |
| R79 | 128 | 57 | 0 | 0 | 1 | 0 | 186 | 6 | 0 | 6 | 314 | 0 | 2 | 1 | 3 | 0 | 0 | 317 | 509 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 704 | 249 | 1 | 3 | 15 | 4 | 976 | 24 | 1 | 25 | 1,652 | 1 | 13 | 8 | 21 | 0 | 0 | 1,674 | 2,675 | |
| L82 | 466 | 72 | 4 | 1 | 1 | 0 | 544 | 23 | 1 | 24 | 923 | 3 | 8 | 7 | 15 | 0 | 0 | 941 | 1,509 | |
| L83 | 29 | 35 | 33 | 20 | 0 | 0 | 117 | 4 | 0 | 4 | 197 | 8 | 3 | 2 | 5 | 0 | 0 | 210 | 331 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 47 | 149 | 155 | 69 | 0 | 0 | 420 | 0 | 0 | 0 | 713 | 36 | 9 | 5 | 14 | 19 | 0 | 782 | 1,202 | |
| L86 | 1,307 | 2,084 | 1,352 | 457 | 13 | 4 | 5,217 | 2 | 1 | 3 | 8,837 | 409 | 107 | 76 | 183 | 110 | 0 | 9,539 | 14,759 | |
| L87 | 247 | 72 | 13 | 11 | 0 | 0 | 343 | 6 | 0 | 6 | 582 | 11 | 7 | 6 | 13 | 0 | 0 | 606 | 955 | |
| L88 | 9 | 5 | 5 | 4 | 0 | 0 | 23 | 1 | 0 | 1 | 39 | 1 | 0 | 0 | 0 | 0 | 0 | 40 | 64 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 15 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 40 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 122 | 81 | 10 | 10 | 3 | 1 | 227 | 6 | 0 | 6 | 386 | 1 | 3 | 2 | 5 | 0 | 0 | 392 | 625 | |
| L96 | 196 | 59 | 13 | 12 | 2 | 1 | 283 | 4 | 0 | 4 | 477 | 3 | 3 | 2 | 5 | 0 | 0 | 485 | 772 | |
| L97 | 821 | 188 | 111 | 117 | 1 | 0 | 1,236 | 10 | 4 | 14 | 2,093 | 15 | 9 | 4 | 13 | 0 | 0 | 2,121 | 3,371 | |
| L98 | 173 | 14 | 0 | 0 | 0 | 0 | 187 | 2 | 0 | 2 | 316 | 0 | 1 | 0 | 1 | 0 | 0 | 317 | 506 | |
| L99 | 772 | 47 | 0 | 0 | 2 | 1 | 822 | 4 | 0 | 4 | 1,392 | 0 | 3 | 1 | 4 | 0 | 0 | 1,396 | 2,222 | |
| L100 | 3 | 60 | 10 | 8 | 2 | 0 | 83 | 4 | 0 | 4 | 139 | 3 | 3 | 2 | 5 | 0 | 0 | 147 | 234 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 0 | 1 | 0 | 1 | 0 | 0 | 43 | 71 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 125 | 414 | 262 | 160 | 1 | 0 | 962 | 5 | 0 | 5 | 1,630 | 67 | 22 | 15 | 37 | 10 | 0 | 1,744 | 2,711 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 10,795 | 5,084 | 2,650 | 1,369 | 75 | 20 | 19,993 | 283 | 12 | 295 | 33,857 | 744 | 265 | 186 | 451 | 151 | 0 | 35,203 | 55,491 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／62、下流1／30　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 150 | 100 | 110 | 47 | 2 | 1 | 410 | 1 | 1 | 2 | 693 | 18 | 3 | 2 | 5 | 0 | 0 | 716 | 1,128 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 239 | 74 | 43 | 51 | 2 | 0 | 409 | 1 | 3 | 4 | 692 | 11 | 2 | 1 | 3 | 3 | 0 | 709 | 1,122 | |
| L34 | 349 | 9 | 3 | 4 | 0 | 0 | 365 | 4 | 0 | 4 | 618 | 1 | 0 | 0 | 0 | 0 | 0 | 619 | 988 | |
| L35 | 601 | 228 | 107 | 124 | 6 | 2 | 1,068 | 17 | 0 | 17 | 1,809 | 35 | 10 | 7 | 17 | 8 | 0 | 1,869 | 2,954 | |
| L36 | 159 | 41 | 2 | 1 | 1 | 0 | 204 | 10 | 0 | 10 | 345 | 1 | 2 | 2 | 4 | 0 | 0 | 350 | 564 | |
| L37 | 13 | 196 | 56 | 26 | 3 | 1 | 295 | 1 | 0 | 1 | 500 | 13 | 7 | 6 | 13 | 3 | 0 | 529 | 825 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 44 | 19 | 4 | 3 | 0 | 0 | 70 | 1 | 0 | 1 | 119 | 1 | 1 | 1 | 2 | 0 | 0 | 122 | 193 | |
| R41 | 923 | 27 | 3 | 6 | 0 | 0 | 959 | 21 | 0 | 21 | 1,624 | 3 | 1 | 1 | 2 | 0 | 0 | 1,629 | 2,609 | |
| R42 | 4 | 10 | 1 | 3 | 0 | 0 | 18 | 3 | 0 | 3 | 31 | 2 | 0 | 0 | 0 | 0 | 0 | 33 | 54 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 78 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 21 | 0 | 0 | 3 | 1 | 100 | 5 | 0 | 5 | 168 | 0 | 1 | 1 | 2 | 0 | 0 | 170 | 275 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 156 | 0 | 0 | 10 | 3 | 314 | 22 | 0 | 22 | 531 | 0 | 5 | 3 | 8 | 0 | 0 | 539 | 875 | |
| R48 | 237 | 0 | 0 | 0 | 0 | 0 | 237 | 1 | 0 | 1 | 402 | 0 | 0 | 0 | 0 | 0 | 0 | 402 | 640 | |
| R49 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 367 | 1 | 3 | 1 | 4 | 0 | 0 | 372 | 604 | |
| R51 | 54 | 42 | 0 | 0 | 2 | 1 | 99 | 7 | 0 | 7 | 166 | 0 | 1 | 1 | 2 | 0 | 0 | 168 | 274 | |
| R52 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| L53 | 1 | 17 | 17 | 1 | 1 | 0 | 37 | 1 | 0 | 1 | 62 | 0 | 1 | 0 | 1 | 0 | 0 | 63 | 101 | |
| R54 | 90 | 14 | 5 | 5 | 0 | 0 | 114 | 5 | 0 | 5 | 195 | 1 | 1 | 1 | 2 | 0 | 0 | 198 | 317 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 642 | 41 | 8 | 8 | 0 | 0 | 699 | 11 | 0 | 11 | 1,184 | 1 | 1 | 1 | 2 | 0 | 0 | 1,187 | 1,897 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 20 | 1 | 1 | 1 | 0 | 0 | 23 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 62 | |
| L62 | 3 | 3 | 2 | 2 | 0 | 0 | 10 | 1 | 0 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| R63 | 1,884 | 102 | 1 | 1 | 0 | 0 | 1,988 | 31 | 0 | 31 | 3,369 | 0 | 6 | 4 | 10 | 0 | 0 | 3,379 | 5,398 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 2 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 60 | 78 | 226 | 111 | 0 | 0 | 475 | 9 | 0 | 9 | 805 | 91 | 15 | 15 | 30 | 1 | 0 | 927 | 1,411 | |
| R74 | 81 | 0 | 0 | 0 | 0 | 0 | 81 | 5 | 0 | 5 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 224 | |
| R75 | 322 | 128 | 24 | 15 | 3 | 1 | 493 | 9 | 0 | 9 | 837 | 5 | 5 | 5 | 10 | 0 | 0 | 852 | 1,354 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 355 | 193 | 106 | 113 | 0 | 0 | 767 | 9 | 1 | 10 | 1,298 | 14 | 9 | 4 | 13 | 0 | 0 | 1,325 | 2,102 | |
| R78 | 8 | 21 | 16 | 14 | 0 | 0 | 59 | 2 | 0 | 2 | 101 | 2 | 1 | 1 | 2 | 0 | 0 | 105 | 166 | |
| R79 | 131 | 63 | 0 | 0 | 1 | 0 | 195 | 7 | 0 | 7 | 329 | 0 | 2 | 1 | 3 | 0 | 0 | 332 | 534 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 768 | 266 | 1 | 3 | 16 | 4 | 1,058 | 26 | 1 | 27 | 1,791 | 2 | 14 | 8 | 22 | 0 | 0 | 1,815 | 2,900 | |
| L82 | 499 | 79 | 4 | 1 | 1 | 0 | 584 | 23 | 1 | 24 | 990 | 3 | 8 | 8 | 16 | 0 | 0 | 1,009 | 1,617 | |
| L83 | 29 | 37 | 34 | 20 | 0 | 0 | 120 | 4 | 0 | 4 | 204 | 9 | 3 | 2 | 5 | 0 | 0 | 218 | 342 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 50 | 155 | 164 | 70 | 0 | 0 | 439 | 0 | 0 | 0 | 744 | 42 | 11 | 6 | 17 | 24 | 0 | 827 | 1,266 | |
| L86 | 1,570 | 2,662 | 1,673 | 574 | 17 | 5 | 6,501 | 2 | 1 | 3 | 11,011 | 450 | 120 | 86 | 206 | 127 | 0 | 11,794 | 18,298 | |
| L87 | 287 | 101 | 17 | 14 | 0 | 0 | 419 | 7 | 0 | 7 | 710 | 13 | 8 | 7 | 15 | 0 | 0 | 738 | 1,164 | |
| L88 | 15 | 6 | 9 | 7 | 0 | 0 | 37 | 1 | 0 | 1 | 62 | 2 | 1 | 0 | 1 | 0 | 0 | 65 | 103 | |
| L89 | 38 | 2 | 12 | 7 | 0 | 0 | 59 | 3 | 1 | 4 | 99 | 4 | 1 | 1 | 2 | 0 | 0 | 105 | 168 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 87 | 11 | 11 | 3 | 1 | 236 | 7 | 0 | 7 | 399 | 1 | 3 | 2 | 5 | 0 | 0 | 405 | 648 | |
| L96 | 228 | 66 | 18 | 15 | 2 | 1 | 330 | 5 | 2 | 7 | 558 | 4 | 4 | 2 | 6 | 0 | 0 | 568 | 905 | |
| L97 | 850 | 192 | 112 | 119 | 1 | 0 | 1,274 | 10 | 5 | 15 | 2,158 | 16 | 9 | 4 | 13 | 0 | 0 | 2,187 | 3,476 | |
| L98 | 174 | 14 | 0 | 0 | 0 | 0 | 188 | 2 | 0 | 2 | 318 | 0 | 1 | 0 | 1 | 0 | 0 | 319 | 509 | |
| L99 | 783 | 48 | 0 | 0 | 2 | 1 | 834 | 4 | 0 | 4 | 1,411 | 0 | 3 | 1 | 4 | 0 | 0 | 1,415 | 2,253 | |
| L100 | 6 | 64 | 12 | 9 | 2 | 1 | 94 | 5 | 0 | 5 | 158 | 3 | 3 | 3 | 6 | 0 | 0 | 167 | 266 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 1 | 1 | 0 | 1 | 0 | 0 | 44 | 72 | |
| R105 | 0 | 3 | 1 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 13 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 481 | 613 | 412 | 259 | 1 | 0 | 1,766 | 7 | 0 | 7 | 2,992 | 92 | 30 | 20 | 50 | 18 | 0 | 3,152 | 4,925 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 12,668 | 6,080 | 3,227 | 1,657 | 82 | 24 | 23,738 | 309 | 16 | 325 | 40,197 | 842 | 297 | 208 | 505 | 184 | 0 | 41,728 | 65,791 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：上流1／100、下流1／55　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 158 | 125 | 175 | 65 | 3 | 1 | 527 | 1 | 3 | 4 | 891 | 42 | 6 | 3 | 9 | 0 | 0 | 942 | 1,473 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 521 | 12 | 11 | 6 | 0 | 0 | 550 | 11 | 2 | 13 | 930 | 10 | 3 | 3 | 6 | 0 | 0 | 946 | 1,509 | |
| R10 | 148 | 2 | 2 | 0 | 0 | 0 | 152 | 1 | 0 | 1 | 258 | 1 | 0 | 0 | 0 | 0 | 0 | 259 | 412 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 45 | 17 | 1 | 0 | 0 | 0 | 63 | 3 | 0 | 3 | 107 | 1 | 2 | 1 | 3 | 0 | 0 | 111 | 177 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 21 | 9 | 5 | 6 | 0 | 0 | 41 | 4 | 0 | 4 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 113 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 255 | 77 | 44 | 53 | 2 | 0 | 431 | 1 | 5 | 6 | 727 | 12 | 3 | 1 | 4 | 4 | 0 | 747 | 1,184 | |
| L34 | 482 | 13 | 4 | 6 | 0 | 0 | 505 | 4 | 0 | 4 | 856 | 2 | 1 | 0 | 1 | 0 | 0 | 859 | 1,368 | |
| L35 | 846 | 284 | 132 | 156 | 7 | 2 | 1,427 | 19 | 0 | 19 | 2,418 | 38 | 11 | 8 | 19 | 10 | 0 | 2,485 | 3,931 | |
| L36 | 162 | 55 | 2 | 1 | 1 | 0 | 221 | 13 | 0 | 13 | 375 | 1 | 2 | 2 | 4 | 0 | 0 | 380 | 614 | |
| L37 | 13 | 198 | 57 | 26 | 3 | 1 | 298 | 1 | 0 | 1 | 504 | 13 | 7 | 6 | 13 | 3 | 0 | 533 | 832 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 174 | 26 | 5 | 4 | 0 | 0 | 209 | 1 | 0 | 1 | 353 | 1 | 1 | 1 | 2 | 0 | 0 | 356 | 566 | |
| R41 | 1,002 | 29 | 3 | 7 | 0 | 0 | 1,041 | 21 | 0 | 21 | 1,764 | 4 | 1 | 1 | 2 | 0 | 0 | 1,770 | 2,832 | |
| R42 | 48 | 21 | 4 | 6 | 0 | 0 | 79 | 5 | 0 | 5 | 135 | 5 | 1 | 1 | 2 | 0 | 0 | 142 | 226 | |
| R43 | 17 | 12 | 0 | 0 | 0 | 0 | 29 | 3 | 0 | 3 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 82 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 22 | 0 | 0 | 3 | 1 | 101 | 6 | 0 | 6 | 171 | 0 | 1 | 1 | 2 | 0 | 0 | 173 | 280 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 184 | 0 | 0 | 12 | 3 | 344 | 24 | 0 | 24 | 582 | 0 | 6 | 3 | 9 | 0 | 0 | 591 | 959 | |
| R48 | 409 | 0 | 0 | 0 | 0 | 0 | 409 | 2 | 0 | 2 | 693 | 0 | 0 | 0 | 0 | 0 | 0 | 693 | 1,104 | |
| R49 | 13 | 3 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 45 | |
| L50 | 151 | 77 | 7 | 8 | 3 | 1 | 247 | 15 | 0 | 15 | 419 | 1 | 4 | 2 | 6 | 0 | 0 | 426 | 688 | |
| R51 | 68 | 48 | 0 | 0 | 2 | 1 | 119 | 8 | 0 | 8 | 200 | 0 | 2 | 1 | 3 | 0 | 0 | 203 | 330 | |
| R52 | 0 | 2 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 11 | |
| L53 | 1 | 21 | 25 | 1 | 1 | 0 | 49 | 2 | 0 | 2 | 84 | 0 | 1 | 0 | 1 | 0 | 0 | 85 | 136 | |
| R54 | 121 | 17 | 6 | 6 | 0 | 0 | 150 | 6 | 0 | 6 | 255 | 1 | 1 | 1 | 2 | 0 | 0 | 258 | 414 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 699 | 44 | 8 | 8 | 0 | 0 | 759 | 11 | 0 | 11 | 1,287 | 1 | 2 | 1 | 3 | 0 | 0 | 1,291 | 2,061 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 47 | 5 | 3 | 3 | 0 | 0 | 58 | 1 | 0 | 1 | 98 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 157 | |
| L62 | 4 | 4 | 3 | 3 | 0 | 0 | 14 | 1 | 0 | 1 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 38 | |
| R63 | 2,028 | 129 | 1 | 1 | 0 | 0 | 2,159 | 36 | 0 | 36 | 3,659 | 0 | 8 | 5 | 13 | 0 | 0 | 3,672 | 5,867 | |
| R64 | 83 | 30 | 125 | 55 | 0 | 0 | 293 | 3 | 0 | 3 | 496 | 61 | 8 | 8 | 16 | 1 | 0 | 574 | 870 | |
| R65 | 4 | 2 | 1 | 1 | 0 | 0 | 8 | 0 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 22 | |
| R66 | 254 | 385 | 947 | 250 | 0 | 0 | 1,836 | 5 | 0 | 5 | 3,109 | 328 | 53 | 52 | 105 | 15 | 0 | 3,557 | 5,398 | |
| R67 | 544 | 529 | 280 | 118 | 3 | 1 | 1,475 | 0 | 0 | 0 | 2,497 | 70 | 19 | 11 | 30 | 32 | 0 | 2,629 | 4,104 | |
| R68 | 1,377 | 1,822 | 1,104 | 402 | 9 | 3 | 4,717 | 0 | 0 | 0 | 7,991 | 338 | 86 | 72 | 158 | 75 | 0 | 8,562 | 13,279 | |
| R69 | 202 | 50 | 11 | 8 | 0 | 0 | 271 | 7 | 0 | 7 | 459 | 5 | 4 | 4 | 8 | 0 | 0 | 472 | 750 | |
| R70 | 78 | 30 | 31 | 21 | 0 | 0 | 160 | 3 | 0 | 3 | 270 | 5 | 1 | 1 | 2 | 0 | 0 | 277 | 440 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 71 | 93 | 238 | 117 | 0 | 0 | 519 | 9 | 0 | 9 | 881 | 93 | 15 | 15 | 30 | 1 | 0 | 1,005 | 1,533 | |
| R74 | 84 | 0 | 0 | 0 | 0 | 0 | 84 | 5 | 0 | 5 | 142 | 0 | 0 | 0 | 0 | 0 | 0 | 142 | 231 | |
| R75 | 472 | 174 | 31 | 21 | 4 | 1 | 703 | 12 | 1 | 13 | 1,193 | 6 | 7 | 6 | 13 | 0 | 0 | 1,212 | 1,928 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 356 | 198 | 108 | 116 | 0 | 0 | 778 | 9 | 1 | 10 | 1,317 | 15 | 9 | 4 | 13 | 0 | 0 | 1,345 | 2,133 | |
| R78 | 9 | 23 | 18 | 15 | 0 | 0 | 65 | 2 | 0 | 2 | 109 | 3 | 1 | 1 | 2 | 0 | 0 | 114 | 181 | |
| R79 | 132 | 64 | 0 | 0 | 1 | 0 | 197 | 7 | 0 | 7 | 334 | 0 | 2 | 1 | 3 | 0 | 0 | 337 | 541 | |
| R80 | 7 | 1 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 21 | |
| L81 | 925 | 344 | 2 | 4 | 20 | 5 | 1,300 | 31 | 2 | 33 | 2,201 | 2 | 17 | 10 | 27 | 0 | 0 | 2,230 | 3,563 | |
| L82 | 543 | 91 | 4 | 1 | 2 | 1 | 642 | 24 | 1 | 25 | 1,086 | 3 | 9 | 8 | 17 | 0 | 0 | 1,106 | 1,773 | |
| L83 | 33 | 44 | 40 | 24 | 0 | 0 | 141 | 4 | 0 | 4 | 240 | 10 | 3 | 2 | 5 | 0 | 0 | 255 | 400 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 289 | 547 | 739 | 204 | 1 | 0 | 1,780 | 7 | 0 | 7 | 3,017 | 151 | 33 | 21 | 54 | 40 | 0 | 3,262 | 5,049 | |
| L86 | 2,115 | 3,281 | 1,986 | 693 | 21 | 6 | 8,102 | 3 | 1 | 4 | 13,724 | 491 | 136 | 95 | 231 | 154 | 0 | 14,600 | 22,706 | |
| L87 | 417 | 167 | 35 | 25 | 0 | 0 | 644 | 12 | 0 | 12 | 1,093 | 24 | 16 | 14 | 30 | 1 | 0 | 1,148 | 1,804 | |
| L88 | 52 | 129 | 80 | 47 | 1 | 0 | 309 | 12 | 0 | 12 | 525 | 27 | 12 | 9 | 21 | 2 | 0 | 575 | 896 | |
| L89 | 54 | 6 | 18 | 13 | 0 | 0 | 91 | 5 | 1 | 6 | 155 | 5 | 1 | 1 | 2 | 0 | 0 | 162 | 259 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 10 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 30 | |
| L93 | 22 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 59 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 123 | 94 | 11 | 12 | 4 | 1 | 245 | 7 | 0 | 7 | 413 | 1 | 3 | 2 | 5 | 0 | 0 | 419 | 671 | |
| L96 | 367 | 99 | 32 | 29 | 3 | 1 | 531 | 6 | 5 | 11 | 898 | 7 | 5 | 3 | 8 | 0 | 0 | 913 | 1,455 | |
| L97 | 885 | 200 | 116 | 124 | 1 | 0 | 1,326 | 10 | 5 | 15 | 2,247 | 17 | 10 | 4 | 14 | 0 | 0 | 2,278 | 3,619 | |
| L98 | 180 | 14 | 0 | 0 | 0 | 0 | 194 | 2 | 0 | 2 | 328 | 0 | 1 | 1 | 2 | 0 | 0 | 330 | 526 | |
| L99 | 798 | 51 | 0 | 0 | 2 | 1 | 852 | 4 | 0 | 4 | 1,442 | 0 | 3 | 2 | 5 | 0 | 0 | 1,447 | 2,303 | |
| L100 | 8 | 85 | 15 | 12 | 3 | 1 | 124 | 6 | 0 | 6 | 209 | 4 | 4 | 3 | 7 | 0 | 0 | 220 | 350 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 18 | 4 | 4 | 0 | 0 | 26 | 2 | 0 | 2 | 42 | 1 | 1 | 0 | 1 | 0 | 0 | 44 | 72 | |
| R105 | 28 | 4 | 2 | 1 | 0 | 0 | 35 | 0 | 0 | 0 | 59 | 1 | 0 | 0 | 0 | 0 | 0 | 60 | 95 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 1,012 | 894 | 591 | 396 | 1 | 0 | 2,894 | 8 | 0 | 8 | 4,902 | 114 | 39 | 24 | 63 | 28 | 0 | 5,107 | 8,009 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 19,190 | 10,905 | 7,070 | 3,080 | 113 | 31 | 40,389 | 405 | 28 | 433 | 68,409 | 1,916 | 561 | 415 | 976 | 366 | 0 | 71,667 | 112,489 | |

様式-3　　被害額　　水系名：天竜川　　河川名：天竜川上流　　河道：当面の段階的な整備実施後河道
流量規模：下流1／100　　（単位：百万円）

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 営業停止損失 | 家庭における応急対策費用 | | | 事業所における応急対策費用 | その他の間接被害 | 小計 | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | |
| R1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L4 | 174 | 160 | 341 | 103 | 3 | 1 | 782 | 2 | 3 | 5 | 1,325 | 74 | 9 | 5 | 14 | 0 | 0 | 1,413 | 2,200 | |
| L5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R7 | 433 | 206 | 237 | 94 | 1 | 0 | 971 | 11 | 6 | 17 | 1,647 | 165 | 26 | 25 | 51 | 1 | 0 | 1,864 | 2,852 | |
| R8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R9 | 552 | 15 | 12 | 7 | 0 | 0 | 586 | 12 | 2 | 14 | 991 | 11 | 3 | 3 | 6 | 0 | 0 | 1,008 | 1,608 | |
| R10 | 148 | 2 | 2 | 0 | 0 | 0 | 152 | 1 | 0 | 1 | 258 | 1 | 0 | 0 | 0 | 0 | 0 | 259 | 412 | |
| R11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | |
| R13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L19 | 3 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 8 | |
| L20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L21 | 45 | 17 | 1 | 0 | 0 | 0 | 63 | 3 | 0 | 3 | 107 | 1 | 2 | 1 | 3 | 0 | 0 | 111 | 177 | |
| L22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R25 | 18 | 8 | 5 | 5 | 0 | 0 | 36 | 3 | 0 | 3 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 98 | |
| R26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L33 | 255 | 77 | 44 | 53 | 2 | 0 | 431 | 1 | 5 | 6 | 727 | 12 | 3 | 1 | 4 | 4 | 0 | 747 | 1,184 | |
| L34 | 385 | 11 | 4 | 5 | 0 | 0 | 405 | 4 | 0 | 4 | 685 | 1 | 1 | 0 | 1 | 0 | 0 | 687 | 1,096 | |
| L35 | 746 | 275 | 132 | 155 | 7 | 2 | 1,317 | 18 | 0 | 18 | 2,232 | 38 | 11 | 8 | 19 | 10 | 0 | 2,299 | 3,634 | |
| L36 | 162 | 50 | 2 | 1 | 1 | 0 | 216 | 11 | 0 | 11 | 364 | 1 | 2 | 2 | 4 | 0 | 0 | 369 | 596 | |
| L37 | 13 | 198 | 57 | 26 | 3 | 1 | 298 | 1 | 0 | 1 | 504 | 13 | 7 | 6 | 13 | 3 | 0 | 533 | 832 | |
| R38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R40 | 109 | 21 | 4 | 3 | 0 | 0 | 137 | 1 | 0 | 1 | 232 | 1 | 1 | 1 | 2 | 0 | 0 | 235 | 373 | |
| R41 | 995 | 28 | 3 | 7 | 0 | 0 | 1,033 | 21 | 0 | 21 | 1,749 | 4 | 1 | 1 | 2 | 0 | 0 | 1,755 | 2,809 | |
| R42 | 34 | 15 | 4 | 4 | 0 | 0 | 57 | 4 | 0 | 4 | 98 | 5 | 1 | 1 | 2 | 0 | 0 | 105 | 166 | |
| R43 | 17 | 11 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 3 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 78 | |
| L44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R45 | 75 | 22 | 0 | 0 | 3 | 1 | 101 | 5 | 0 | 5 | 171 | 0 | 1 | 1 | 2 | 0 | 0 | 173 | 279 | |
| R46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L47 | 145 | 180 | 0 | 0 | 12 | 3 | 340 | 24 | 0 | 24 | 575 | 0 | 6 | 3 | 9 | 0 | 0 | 584 | 948 | |
| R48 | 235 | 0 | 0 | 0 | 0 | 0 | 235 | 1 | 0 | 1 | 398 | 0 | 0 | 0 | 0 | 0 | 0 | 398 | 634 | |
| R49 | 13 | 3 | 0 | 1 | 0 | 0 | 17 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 45 | |
| L50 | 130 | 70 | 7 | 7 | 3 | 1 | 218 | 14 | 0 | 14 | 368 | 1 | 3 | 2 | 5 | 0 | 0 | 374 | 606 | |
| R51 | 54 | 42 | 0 | 0 | 2 | 1 | 99 | 8 | 0 | 8 | 167 | 0 | 2 | 1 | 3 | 0 | 0 | 170 | 277 | |
| R52 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | |
| L53 | 1 | 21 | 25 | 1 | 1 | 0 | 49 | 2 | 0 | 2 | 84 | 0 | 1 | 0 | 1 | 0 | 0 | 85 | 136 | |
| R54 | 66 | 12 | 5 | 4 | 0 | 0 | 87 | 5 | 0 | 5 | 147 | 1 | 1 | 0 | 1 | 0 | 0 | 149 | 241 | |
| R55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L56 | 112 | 6 | 2 | 2 | 0 | 0 | 122 | 3 | 0 | 3 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 333 | |
| L57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R61 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | |
| L62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | |
| R63 | 1,580 | 69 | 1 | 1 | 0 | 0 | 1,651 | 23 | 0 | 23 | 2,798 | 0 | 4 | 3 | 7 | 0 | 0 | 2,805 | 4,479 | |
| R64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L81 | 551 | 169 | 1 | 2 | 10 | 3 | 736 | 19 | 1 | 20 | 1,244 | 1 | 8 | 5 | 13 | 0 | 0 | 1,258 | 2,014 | |
| L82 | 371 | 54 | 3 | 1 | 1 | 0 | 430 | 21 | 1 | 22 | 728 | 2 | 7 | 7 | 14 | 0 | 0 | 744 | 1,196 | |
| L83 | 29 | 33 | 31 | 19 | 0 | 0 | 112 | 4 | 0 | 4 | 188 | 8 | 3 | 2 | 5 | 0 | 0 | 201 | 317 | |
| L84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L87 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L98 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R103 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| L108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| R109 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 7,452 | 1,777 | 923 | 501 | 49 | 13 | 10,715 | 225 | 19 | 244 | 18,142 | 340 | 103 | 78 | 181 | 18 | 0 | 18,681 | 29,640 | |

様式－４　　年平均被害軽減期待額（全体）　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/5 | 0.200 | 0 | 0 | 0 | | | | | |
| | | | | | 373,880 | 0.089 | 33,275 | 33,275 | |
| 1/9 | 0.111 | 747,770 | 10 | 747,760 | | | | | |
| | | | | | 1,190,207 | 0.078 | 92,836 | 126,111 | |
| 1/30 | 0.033 | 1,632,752 | 98 | 1,632,654 | | | | | |
| | | | | | 1,869,127 | 0.009 | 16,822 | 142,933 | |
| 1/42 | 0.024 | 2,105,773 | 173 | 2,105,600 | | | | | |
| | | | | | 2,185,503 | 0.004 | 8,742 | 151,675 | |
| 1/50 | 0.020 | 2,265,638 | 232 | 2,265,406 | | | | | |
| | | | | | 1,782,977 | 0.008 | 14,264 | 165,939 | |
| 1/86 | 0.012 | 2,807,229 | 1,506,681 | 1,300,548 | | | | | |
| | | | | | 1,383,935 | 0.005 | 6,920 | 172,859 | |
| 1/150 | 0.007 | 3,265,588 | 1,798,266 | 1,467,322 | | | | | |
| | | | | | | | | 172,859 | |

様式－４　　年平均被害軽減期待額（全体）　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/5 | 0.200 | 0 | 0 | 0 | | | | | |
| | | | | | 9 | 0.089 | 1 | 1 | |
| 1/9 | 0.111 | 31 | 14 | 17 | | | | | |
| | | | | | 103 | 0.078 | 8 | 9 | |
| 1/30 | 0.033 | 17,998 | 17,809 | 189 | | | | | |
| | | | | | 163 | 0.009 | 1 | 10 | |
| 1/42 | 0.024 | 36,386 | 36,250 | 136 | | | | | |
| | | | | | 10,595 | 0.004 | 42 | 52 | |
| 1/50 | 0.020 | 173,636 | 152,582 | 21,054 | | | | | |
| | | | | | 13,611 | 0.008 | 109 | 161 | |
| 1/86 | 0.012 | 259,101 | 252,933 | 6,168 | | | | | |
| | | | | | 6,211 | 0.005 | 31 | 192 | |
| 1/150 | 0.007 | 309,813 | 303,560 | 6,253 | | | | | |
| | | | | | | | | 192 | |

様式－４　年平均被害軽減期待額（直轄区間）　　水系名：天竜川　　河川名：天竜川上流　　全体事業

①上流（185kより上流）　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/1.1 | 0.909 | 0 | 0 | 0 | | | | | |
| | | | | | 732 | 0.576 | 422 | 422 | |
| 1/3 | 0.333 | 1,759 | 295 | 1,464 | | | | | |
| | | | | | 10,506 | 0.208 | 2,185 | 2,607 | |
| 1/8 | 0.125 | 21,301 | 1,754 | 19,547 | | | | | |
| | | | | | 42,876 | 0.092 | 3,945 | 6,552 | |
| 1/30 | 0.033 | 71,277 | 5,072 | 66,205 | | | | | |
| | | | | | 94,964 | 0.013 | 1,235 | 7,787 | |
| 1/50 | 0.020 | 129,782 | 6,059 | 123,723 | | | | | |
| | | | | | 132,395 | 0.004 | 530 | 8,317 | |
| 1/62 | 0.016 | 147,315 | 6,248 | 141,067 | | | | | |
| | | | | | 154,872 | 0.006 | 929 | 9,246 | |
| 1/100 | 0.010 | 182,990 | 14,313 | 168,677 | | | | | |
| | | | | | | | | 9,246 | |

②中下流（185kより下流）　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/1.75 | 0.571 | 0 | 0 | 0 | | | | | |
| | | | | | 638 | 0.071 | 45 | 45 | |
| 1/2 | 0.500 | 1,513 | 237 | 1,276 | | | | | |
| | | | | | 2,997 | 0.333 | 998 | 1,043 | |
| 1/6 | 0.167 | 6,924 | 2,206 | 4,718 | | | | | |
| | | | | | 5,924 | 0.111 | 658 | 1,701 | |
| 1/18 | 0.056 | 10,847 | 3,717 | 7,130 | | | | | |
| | | | | | 7,812 | 0.019 | 148 | 1,849 | |
| 1/27 | 0.037 | 13,197 | 4,703 | 8,494 | | | | | |
| | | | | | 8,870 | 0.004 | 35 | 1,884 | |
| 1/30 | 0.033 | 14,140 | 4,894 | 9,246 | | | | | |
| | | | | | 15,652 | 0.015 | 235 | 2,119 | |
| 1/55 | 0.018 | 28,502 | 6,444 | 22,058 | | | | | |
| | | | | | 23,994 | 0.008 | 192 | 2,311 | |
| 1/100 | 0.010 | 32,234 | 6,305 | 25,929 | | | | | |
| | | | | | | | | 2,311 | |

①+②合計　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| | | | | | | | | 11,557 | |

様式－４　　年平均被害軽減期待額（残事業）　　水系名：天竜川　　河川名：天竜川下流（鹿島下流）

単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/5 | 0.200 | 0 | 0 | 0 | | | | | |
| | | | | | 9 | 0.089 | 1 | 1 | |
| 1/9 | 0.111 | 27 | 10 | 17 | | | | | |
| | | | | | 457,885 | 0.078 | 35,715 | 35,716 | |
| 1/30 | 0.033 | 915,850 | 98 | 915,752 | | | | | |
| | | | | | 1,138,332 | 0.009 | 10,245 | 45,961 | |
| 1/42 | 0.024 | 1,361,085 | 173 | 1,360,912 | | | | | |
| | | | | | 1,431,356 | 0.004 | 5,725 | 51,686 | |
| 1/50 | 0.020 | 1,502,032 | 232 | 1,501,800 | | | | | |
| | | | | | 961,878 | 0.008 | 7,695 | 59,381 | |
| 1/86 | 0.012 | 1,928,636 | 1,506,681 | 421,955 | | | | | |
| | | | | | 431,492 | 0.005 | 2,157 | 61,538 | |
| 1/150 | 0.007 | 2,239,294 | 1,798,266 | 441,028 | | | | | |
| | | | | | | | | 61,538 | |
| | | | | | | | | | |

様式－４　　年平均被害軽減期待額（残事業）　　水系名：天竜川　　河川名：天竜川下流（鹿島上流）

単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/5 | 0.200 | 0 | 0 | 0 | | | | | |
| | | | | | 9 | 0.089 | 1 | 1 | |
| 1/9 | 0.111 | 31 | 14 | 17 | | | | | |
| | | | | | 103 | 0.078 | 8 | 9 | |
| 1/30 | 0.033 | 17,998 | 17,809 | 189 | | | | | |
| | | | | | 163 | 0.009 | 1 | 10 | |
| 1/42 | 0.024 | 36,386 | 36,250 | 136 | | | | | |
| | | | | | 10,595 | 0.004 | 42 | 52 | |
| 1/50 | 0.020 | 173,636 | 152,582 | 21,054 | | | | | |
| | | | | | 13,611 | 0.008 | 109 | 161 | |
| 1/86 | 0.012 | 259,101 | 252,933 | 6,168 | | | | | |
| | | | | | 6,211 | 0.005 | 31 | 192 | |
| 1/150 | 0.007 | 309,813 | 303,560 | 6,253 | | | | | |
| | | | | | | | | 192 | |
| | | | | | | | | | |

様式－４　年平均被害軽減期待額（直轄区間）　　水系名：天竜川　　河川名：天竜川上流　　残事業

①上流（185kより上流）　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/1.1 | 0.909 | 0 | 0 | 0 | | | | | |
| | | | | | 233 | 0.576 | 134 | 134 | |
| 1/3 | 0.333 | 760 | 295 | 465 | | | | | |
| | | | | | 1,193 | 0.208 | 248 | 382 | |
| 1/8 | 0.125 | 3,674 | 1,754 | 1,920 | | | | | |
| | | | | | 13,267 | 0.092 | 1,221 | 1,603 | |
| 1/30 | 0.033 | 29,685 | 5,072 | 24,613 | | | | | |
| | | | | | 30,750 | 0.013 | 400 | 2,003 | |
| 1/50 | 0.020 | 42,946 | 6,059 | 36,887 | | | | | |
| | | | | | 40,411 | 0.004 | 162 | 2,165 | |
| 1/62 | 0.016 | 50,182 | 6,248 | 43,934 | | | | | |
| | | | | | 60,279 | 0.006 | 362 | 2,527 | |
| 1/100 | 0.010 | 90,937 | 14,313 | 76,624 | | | | | |
| | | | | | | | | 2,527 | |

②下流（185kより下流）　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/1.75 | 0.571 | 0 | 0 | 0 | | | | | |
| | | | | | 854 | 0.071 | 61 | 61 | |
| 1/2 | 0.500 | 1,945 | 237 | 1,708 | | | | | |
| | | | | | 4,030 | 0.333 | 1,342 | 1,403 | |
| 1/6 | 0.167 | 8,558 | 2,206 | 6,352 | | | | | |
| | | | | | 8,798 | 0.111 | 977 | 2,380 | |
| 1/18 | 0.056 | 14,960 | 3,717 | 11,243 | | | | | |
| | | | | | 14,893 | 0.019 | 283 | 2,663 | |
| 1/27 | 0.037 | 23,245 | 4,703 | 18,542 | | | | | |
| | | | | | 21,088 | 0.004 | 84 | 2,747 | |
| 1/30 | 0.033 | 28,528 | 4,894 | 23,634 | | | | | |
| | | | | | 30,602 | 0.015 | 459 | 3,206 | |
| 1/55 | 0.018 | 44,014 | 6,444 | 37,570 | | | | | |
| | | | | | 39,435 | 0.008 | 315 | 3,521 | |
| 1/100 | 0.010 | 47,605 | 6,305 | 41,300 | | | | | |
| | | | | | | | | 3,521 | |

①+②合計　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| | | | | | | | | 6,048 | |

様式－４　　年平均被害軽減期待額（当面の段階的な整備）　　水系名：天竜川　　河川名：天竜川下流

単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/5 | 0.200 | 0 | 0 | 0 | | | | | |
| | | | | | 0 | 0.089 | 0 | 0 | |
| 1/9 | 0.111 | 27 | 27 | 0 | | | | | |
| | | | | | 128,349 | 0.078 | 10,011 | 10,011 | |
| 1/30 | 0.033 | 915,850 | 659,152 | 256,698 | | | | | |
| | | | | | 160,111 | 0.009 | 1,441 | 11,452 | |
| 1/42 | 0.024 | 1,361,085 | 1,297,562 | 63,523 | | | | | |
| | | | | | 63,590 | 0.004 | 254 | 11,706 | |
| 1/50 | 0.020 | 1,502,032 | 1,438,376 | 63,656 | | | | | |
| | | | | | 37,781 | 0.008 | 302 | 12,008 | |
| 1/86 | 0.012 | 1,928,636 | 1,916,731 | 11,905 | | | | | |
| | | | | | 27,867 | 0.005 | 139 | 12,147 | |
| 1/150 | 0.007 | 2,239,294 | 2,195,466 | 43,828 | | | | | |
| | | | | | | | | 12,147 | |
| | | | | | | | | | |

様式－４　年平均被害軽減期待額（直轄区間）　　水系名：天竜川　　河川名：天竜川上流　　当面の段階的な整備

①上流（185kより上流）　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/1.1 | 0.909 | 0 | 0 | 0 | | | | | |
| 1/3 | 0.333 | 760 | 760 | 0 | 0 | 0.576 | 0 | 0 | |
| 1/8 | 0.125 | 3,674 | 3,674 | 0 | 0 | 0.208 | 0 | 0 | |
| 1/30 | 0.033 | 29,685 | 29,685 | 0 | 0 | 0.092 | 0 | 0 | |
| 1/50 | 0.020 | 42,946 | 42,946 | 0 | 0 | 0.013 | 0 | 0 | |
| 1/62 | 0.016 | 50,182 | 50,182 | 0 | 0 | 0.004 | 0 | 0 | |
| 1/100 | 0.010 | 90,937 | 90,937 | 0 | 0 | 0.006 | 0 | 0 | |
| | | | | | | | | 0 | |

②下流（185kより下流）　　単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 | 区間確率⑤ | 年平均被害額 | 年平均被害額の累計=年平均被害軽減期待額 | 備　考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合① | 事業を実施した場合② | 軽減額 ③=①－② | ④ | | ④×⑤ | | |
| 1/1.75 | 0.571 | 0 | 0 | 0 | | | | | |
| 1/2 | 0.500 | 1,945 | 1,945 | 0 | 0 | 0.071 | 0 | 0 | |
| 1/6 | 0.167 | 8,558 | 6,036 | 2,522 | 1,261 | 0.333 | 420 | 420 | |
| 1/18 | 0.056 | 14,960 | 11,492 | 3,468 | 2,995 | 0.111 | 332 | 752 | |
| 1/27 | 0.037 | 23,245 | 12,545 | 10,700 | 7,084 | 0.019 | 135 | 887 | |
| 1/30 | 0.033 | 28,528 | 15,609 | 12,919 | 11,810 | 0.004 | 47 | 934 | |
| 1/55 | 0.018 | 44,014 | 21,552 | 22,462 | 17,691 | 0.015 | 265 | 1,199 | |
| 1/100 | 0.010 | 47,605 | 21,634 | 25,971 | 24,217 | 0.008 | 194 | 1,393 | |
| | | | | | | | | 1,393 | |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業評価）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | −6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | −5 | 263 | 320 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | −4 | 1,335 | 1,562 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | −3 | 6,677 | 7,511 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | −2 | 20,074 | 21,712 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | −1 | 24,621 | 25,605 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 29,344 | 29,344 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 34,994 | 33,649 | | | 1,391 | 1,338 | 375 | 361 | 1,766 | 1,699 | | |
| 整 | H26 | 2 | 38,240 | 35,355 | | | 1,391 | 1,286 | 2,735 | 2,529 | 4,126 | 3,815 | | |
| | H27 | 3 | 41,485 | 36,880 | | | 1,391 | 1,236 | 376 | 334 | 1,767 | 1,570 | | |
| 備 | H28 | 4 | 44,730 | 38,236 | | | 1,391 | 1,189 | 378 | 323 | 1,769 | 1,512 | | |
| | H29 | 5 | 47,974 | 39,431 | | | 1,391 | 1,143 | 378 | 310 | 1,769 | 1,453 | | |
| 期 | H30 | 6 | 51,219 | 40,479 | | | 1,391 | 1,099 | 381 | 301 | 1,772 | 1,400 | | |
| | H31 | 7 | 54,464 | 41,388 | | | 1,391 | 1,057 | 2,739 | 2,082 | 4,130 | 3,139 | | |
| 間 | H32 | 8 | 57,708 | 42,166 | | | 1,391 | 1,016 | 382 | 279 | 1,773 | 1,295 | | |
| | H33 | 9 | 60,953 | 42,824 | | | 1,391 | 977 | 382 | 268 | 1,773 | 1,245 | | |
| (33年) | H34 | 10 | 64,198 | 43,370 | | | 1,391 | 940 | 384 | 259 | 1,775 | 1,199 | | |
| | H35 | 11 | 67,443 | 43,810 | | | 1,391 | 904 | 384 | 250 | 1,775 | 1,154 | | |
| | H36 | 12 | 70,687 | 44,151 | | | 2,120 | 1,325 | 2,745 | 1,715 | 4,865 | 3,040 | | |
| | H37 | 13 | 78,282 | 47,014 | | | 2,120 | 1,273 | 386 | 232 | 2,506 | 1,505 | | |
| | H38 | 14 | 85,878 | 49,592 | | | 2,120 | 1,225 | 388 | 224 | 2,508 | 1,449 | | |
| | H39 | 15 | 93,473 | 51,903 | | | 2,120 | 1,177 | 388 | 215 | 2,508 | 1,392 | | |
| | H40 | 16 | 101,068 | 53,961 | | | 2,120 | 1,132 | 389 | 208 | 2,509 | 1,340 | | |
| | H41 | 17 | 108,663 | 55,785 | | | 2,120 | 1,088 | 2,748 | 1,411 | 4,868 | 2,499 | | |
| | H42 | 18 | 116,258 | 57,388 | | | 2,120 | 1,047 | 391 | 193 | 2,511 | 1,240 | | |
| | H43 | 19 | 123,853 | 58,786 | | | 2,120 | 1,006 | 391 | 186 | 2,511 | 1,192 | | |
| | H44 | 20 | 131,448 | 59,991 | | | 2,120 | 968 | 392 | 179 | 2,512 | 1,147 | | |
| | H45 | 21 | 139,043 | 61,017 | | | 2,120 | 930 | 393 | 172 | 2,513 | 1,102 | | |
| | H46 | 22 | 146,638 | 61,874 | | | 2,120 | 895 | 2,753 | 1,162 | 4,873 | 2,057 | | |
| | H47 | 23 | 154,234 | 62,576 | | | 2,120 | 861 | 394 | 160 | 2,514 | 1,021 | | |
| | H48 | 24 | 161,829 | 63,133 | | | 2,120 | 827 | 395 | 154 | 2,515 | 981 | | |
| | H49 | 25 | 169,424 | 63,553 | | | 2,120 | 795 | 396 | 148 | 2,516 | 943 | | |
| | H50 | 26 | 177,019 | 63,849 | | | 2,120 | 765 | 397 | 144 | 2,517 | 909 | | |
| | H51 | 27 | 184,608 | 64,025 | | | | | 2,756 | 956 | 2,756 | 956 | | |
| | H52 | 28 | 184,608 | 61,563 | | | | | 397 | 133 | 397 | 133 | | |
| | H53 | 29 | 184,608 | 59,195 | | | | | 397 | 127 | 397 | 127 | | |
| | H54 | 30 | 184,608 | 56,918 | | | | | 397 | 122 | 397 | 122 | | |
| 施 | H55 | 31 | 184,608 | 54,729 | | | | | 397 | 117 | 397 | 117 | | |
| | H56 | 32 | 184,608 | 52,624 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| 設 | H57 | 33 | 184,608 | 50,600 | | | | | 397 | 109 | 397 | 109 | | |
| | H58 | 34 | 184,608 | 48,654 | | | | | 397 | 105 | 397 | 105 | | |
| 完 | H59 | 35 | 184,608 | 46,783 | | | | | 397 | 100 | 397 | 100 | | |
| | H60 | 36 | 184,608 | 44,983 | | | | | 397 | 97 | 397 | 97 | | |
| 成 | H61 | 37 | 184,608 | 43,253 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| | H62 | 38 | 184,608 | 41,590 | | | | | 397 | 89 | 397 | 89 | | |
| 後 | H63 | 39 | 184,608 | 39,989 | | | | | 397 | 86 | 397 | 86 | | |
| | H64 | 40 | 184,608 | 38,452 | | | | | 397 | 83 | 397 | 83 | | |
| の | H65 | 41 | 184,608 | 36,973 | | | | | 397 | 80 | 397 | 80 | | |
| | H66 | 42 | 184,608 | 35,551 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| 評 | H67 | 43 | 184,608 | 34,184 | | | | | 397 | 73 | 397 | 73 | | |
| | H68 | 44 | 184,608 | 32,869 | | | | | 397 | 70 | 397 | 70 | | |
| 価 | H69 | 45 | 184,608 | 31,605 | | | | | 397 | 67 | 397 | 67 | | |
| | H70 | 46 | 184,608 | 30,389 | | | | | 398 | 66 | 398 | 66 | | |
| 期 | H71 | 47 | 184,608 | 29,220 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| | H72 | 48 | 184,608 | 28,096 | | | | | 397 | 61 | 397 | 61 | | |
| 間 | H73 | 49 | 184,608 | 27,015 | | | | | 397 | 58 | 397 | 58 | | |
| | H74 | 50 | 184,608 | 25,976 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 184,608 | 24,978 | | | | | 397 | 53 | 397 | 53 | | |
| (50年) | H76 | 52 | 184,608 | 24,017 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 184,608 | 23,093 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 184,608 | 22,205 | | | | | 397 | 48 | 397 | 48 | | |
| | H79 | 55 | 184,608 | 21,351 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 184,608 | 20,530 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 184,608 | 19,740 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 184,608 | 18,981 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 184,608 | 18,251 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 184,608 | 17,549 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 184,608 | 16,874 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 184,608 | 16,225 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 184,608 | 15,601 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 184,608 | 15,001 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 184,608 | 14,424 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 184,608 | 13,869 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 184,608 | 13,336 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 184,608 | 12,823 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 184,608 | 12,330 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 184,608 | 11,855 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 184,608 | 11,400 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 184,608 | 10,961 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 184,608 | 10,540 | | | | | 397 | 23 | 397 | 23 | | |
| | H98 | 74 | 184,608 | 10,134 | | | | | 397 | 22 | 397 | 22 | | |
| | H99 | 75 | 184,608 | 9,744 | | | | | 397 | 21 | 397 | 21 | | |
| | H100 | 76 | 184,608 | 9,370 | | | | | 397 | 20 | 397 | 20 | | |
| 合計 | | | 11,733,919 | 2,808,633 | 950 | B= 2,809,583 | 68,552 | 51,478 | 69,376 | 25,347 | 137,928 | C= 76,825 | 36.6 | 2,732,758 |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業:残事業+10%） 水系名：天竜川 河川名：天竜川 単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | −6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | −5 | 263 | 320 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | −4 | 1,335 | 1,562 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | −3 | 6,677 | 7,511 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | −2 | 20,074 | 21,712 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | −1 | 24,621 | 25,605 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 29,344 | 29,344 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 34,994 | 33,649 | | | 1,530 | 1,471 | 375 | 361 | 1,905 | 1,832 | | |
| 整 | H26 | 2 | 38,240 | 35,355 | | | 1,530 | 1,415 | 2,735 | 2,529 | 4,265 | 3,944 | | |
| | H27 | 3 | 41,485 | 36,880 | | | 1,530 | 1,360 | 376 | 334 | 1,906 | 1,694 | | |
| 備 | H28 | 4 | 44,730 | 38,236 | | | 1,530 | 1,308 | 378 | 323 | 1,908 | 1,631 | | |
| | H29 | 5 | 47,974 | 39,431 | | | 1,530 | 1,257 | 378 | 310 | 1,908 | 1,567 | | |
| 期 | H30 | 6 | 51,219 | 40,479 | | | 1,530 | 1,210 | 381 | 301 | 1,911 | 1,511 | | |
| | H31 | 7 | 54,464 | 41,388 | | | 1,530 | 1,163 | 2,739 | 2,082 | 4,269 | 3,245 | | |
| 間 | H32 | 8 | 57,708 | 42,166 | | | 1,530 | 1,118 | 382 | 279 | 1,912 | 1,397 | | |
| | H33 | 9 | 60,953 | 42,824 | | | 1,530 | 1,075 | 382 | 268 | 1,912 | 1,343 | | |
| (33年) | H34 | 10 | 64,198 | 43,370 | | | 1,530 | 1,034 | 384 | 259 | 1,914 | 1,293 | | |
| | H35 | 11 | 67,443 | 43,810 | | | 1,530 | 994 | 384 | 250 | 1,914 | 1,244 | | |
| | H36 | 12 | 70,687 | 44,151 | | | 2,332 | 1,456 | 2,745 | 1,715 | 5,077 | 3,171 | | |
| | H37 | 13 | 78,282 | 47,014 | | | 2,332 | 1,401 | 386 | 232 | 2,718 | 1,633 | | |
| | H38 | 14 | 85,878 | 49,592 | | | 2,332 | 1,347 | 388 | 224 | 2,720 | 1,571 | | |
| | H39 | 15 | 93,473 | 51,903 | | | 2,332 | 1,295 | 388 | 215 | 2,720 | 1,510 | | |
| | H40 | 16 | 101,068 | 53,961 | | | 2,332 | 1,245 | 389 | 208 | 2,721 | 1,453 | | |
| | H41 | 17 | 108,663 | 55,785 | | | 2,332 | 1,197 | 2,748 | 1,411 | 5,080 | 2,608 | | |
| | H42 | 18 | 116,258 | 57,388 | | | 2,332 | 1,151 | 391 | 193 | 2,723 | 1,344 | | |
| | H43 | 19 | 123,853 | 58,786 | | | 2,332 | 1,107 | 391 | 186 | 2,723 | 1,293 | | |
| | H44 | 20 | 131,448 | 59,991 | | | 2,332 | 1,064 | 392 | 179 | 2,724 | 1,243 | | |
| | H45 | 21 | 139,043 | 61,017 | | | 2,332 | 1,023 | 393 | 172 | 2,725 | 1,195 | | |
| | H46 | 22 | 146,638 | 61,874 | | | 2,332 | 984 | 2,753 | 1,162 | 5,085 | 2,146 | | |
| | H47 | 23 | 154,234 | 62,576 | | | 2,332 | 947 | 394 | 160 | 2,726 | 1,107 | | |
| | H48 | 24 | 161,829 | 63,133 | | | 2,332 | 909 | 395 | 154 | 2,727 | 1,063 | | |
| | H49 | 25 | 169,424 | 63,553 | | | 2,332 | 875 | 396 | 148 | 2,728 | 1,023 | | |
| | H50 | 26 | 177,019 | 63,849 | | | 2,332 | 841 | 397 | 144 | 2,729 | 985 | | |
| | H51 | 27 | 184,608 | 64,025 | | | | | 2,756 | 956 | 2,756 | 956 | | |
| | H52 | 28 | 184,608 | 61,563 | | | | | 397 | 133 | 397 | 133 | | |
| | H53 | 29 | 184,608 | 59,195 | | | | | 397 | 127 | 397 | 127 | | |
| | H54 | 30 | 184,608 | 56,918 | | | | | 397 | 122 | 397 | 122 | | |
| 施 | H55 | 31 | 184,608 | 54,729 | | | | | 397 | 117 | 397 | 117 | | |
| | H56 | 32 | 184,608 | 52,624 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| 設 | H57 | 33 | 184,608 | 50,600 | | | | | 397 | 109 | 397 | 109 | | |
| | H58 | 34 | 184,608 | 48,654 | | | | | 397 | 105 | 397 | 105 | | |
| 完 | H59 | 35 | 184,608 | 46,783 | | | | | 397 | 100 | 397 | 100 | | |
| | H60 | 36 | 184,608 | 44,983 | | | | | 397 | 97 | 397 | 97 | | |
| 成 | H61 | 37 | 184,608 | 43,253 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| | H62 | 38 | 184,608 | 41,590 | | | | | 397 | 89 | 397 | 89 | | |
| 後 | H63 | 39 | 184,608 | 39,989 | | | | | 397 | 86 | 397 | 86 | | |
| | H64 | 40 | 184,608 | 38,452 | | | | | 397 | 83 | 397 | 83 | | |
| の | H65 | 41 | 184,608 | 36,973 | | | | | 397 | 80 | 397 | 80 | | |
| | H66 | 42 | 184,608 | 35,551 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| 評 | H67 | 43 | 184,608 | 34,184 | | | | | 397 | 73 | 397 | 73 | | |
| | H68 | 44 | 184,608 | 32,869 | | | | | 397 | 70 | 397 | 70 | | |
| 価 | H69 | 45 | 184,608 | 31,605 | | | | | 397 | 67 | 397 | 67 | | |
| | H70 | 46 | 184,608 | 30,389 | | | | | 398 | 66 | 398 | 66 | | |
| 期 | H71 | 47 | 184,608 | 29,220 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| | H72 | 48 | 184,608 | 28,096 | | | | | 397 | 61 | 397 | 61 | | |
| 間 | H73 | 49 | 184,608 | 27,015 | | | | | 397 | 58 | 397 | 58 | | |
| | H74 | 50 | 184,608 | 25,976 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 184,608 | 24,978 | | | | | 397 | 53 | 397 | 53 | | |
| (50年) | H76 | 52 | 184,608 | 24,017 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 184,608 | 23,093 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 184,608 | 22,205 | | | | | 397 | 48 | 397 | 48 | | |
| | H79 | 55 | 184,608 | 21,351 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 184,608 | 20,530 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 184,608 | 19,740 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 184,608 | 18,981 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 184,608 | 18,251 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 184,608 | 17,549 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 184,608 | 16,874 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 184,608 | 16,225 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 184,608 | 15,601 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 184,608 | 15,001 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 184,608 | 14,424 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 184,608 | 13,869 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 184,608 | 13,336 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 184,608 | 12,823 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 184,608 | 12,330 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 184,608 | 11,855 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 184,608 | 11,400 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 184,608 | 10,961 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 184,608 | 10,540 | | | | | 397 | 23 | 397 | 23 | | |
| | H98 | 74 | 184,608 | 10,134 | | | | | 397 | 22 | 397 | 22 | | |
| | H99 | 75 | 184,608 | 9,744 | | | | | 397 | 21 | 397 | 21 | | |
| | H100 | 76 | 184,608 | 9,370 | | | | | 397 | 20 | 397 | 20 | | |
| 合計 | | | 11,733,919 | 2,808,633 | 1,005 | B= 2,809,638 | 73,261 | 54,226 | 69,376 | 25,347 | 142,637 | C= 79,573 | 35.3 | 2,730,065 |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業:残事業-10%） 水系名：天竜川 河川名：天竜川 単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | -6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | -5 | 263 | 320 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | -4 | 1,335 | 1,562 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | -3 | 6,677 | 7,511 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | -2 | 20,074 | 21,712 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | -1 | 24,621 | 25,605 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 29,344 | 29,344 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 34,994 | 33,649 | | | 1,252 | 1,204 | 375 | 361 | 1,627 | 1,565 | | |
| 整 | H26 | 2 | 38,240 | 35,355 | | | 1,252 | 1,157 | 2,735 | 2,529 | 3,987 | 3,686 | | |
| | H27 | 3 | 41,485 | 36,880 | | | 1,252 | 1,113 | 376 | 334 | 1,628 | 1,447 | | |
| 備 | H28 | 4 | 44,730 | 38,236 | | | 1,252 | 1,071 | 378 | 323 | 1,630 | 1,394 | | |
| | H29 | 5 | 47,974 | 39,431 | | | 1,252 | 1,029 | 378 | 310 | 1,630 | 1,339 | | |
| 期 | H30 | 6 | 51,219 | 40,479 | | | 1,252 | 990 | 381 | 301 | 1,633 | 1,291 | | |
| | H31 | 7 | 54,464 | 41,388 | | | 1,252 | 951 | 2,739 | 2,082 | 3,991 | 3,033 | | |
| 間 | H32 | 8 | 57,708 | 42,166 | | | 1,252 | 915 | 382 | 279 | 1,634 | 1,194 | | |
| | H33 | 9 | 60,953 | 42,824 | | | 1,252 | 879 | 382 | 268 | 1,634 | 1,147 | | |
| (33年) | H34 | 10 | 64,198 | 43,370 | | | 1,252 | 846 | 384 | 259 | 1,636 | 1,105 | | |
| | H35 | 11 | 67,443 | 43,810 | | | 1,252 | 813 | 384 | 250 | 1,636 | 1,063 | | |
| | H36 | 12 | 70,687 | 44,151 | | | 1,908 | 1,192 | 2,745 | 1,715 | 4,653 | 2,907 | | |
| | H37 | 13 | 78,282 | 47,014 | | | 1,908 | 1,146 | 386 | 232 | 2,294 | 1,378 | | |
| | H38 | 14 | 85,878 | 49,592 | | | 1,908 | 1,102 | 388 | 224 | 2,296 | 1,326 | | |
| | H39 | 15 | 93,473 | 51,903 | | | 1,908 | 1,059 | 388 | 215 | 2,296 | 1,274 | | |
| | H40 | 16 | 101,068 | 53,961 | | | 1,908 | 1,019 | 389 | 208 | 2,297 | 1,227 | | |
| | H41 | 17 | 108,663 | 55,785 | | | 1,908 | 980 | 2,748 | 1,411 | 4,656 | 2,391 | | |
| | H42 | 18 | 116,258 | 57,388 | | | 1,908 | 942 | 391 | 193 | 2,299 | 1,135 | | |
| | H43 | 19 | 123,853 | 58,786 | | | 1,908 | 906 | 391 | 186 | 2,299 | 1,092 | | |
| | H44 | 20 | 131,448 | 59,991 | | | 1,908 | 871 | 392 | 179 | 2,300 | 1,050 | | |
| | H45 | 21 | 139,043 | 61,017 | | | 1,908 | 837 | 393 | 172 | 2,301 | 1,009 | | |
| | H46 | 22 | 146,638 | 61,874 | | | 1,908 | 805 | 2,753 | 1,162 | 4,661 | 1,967 | | |
| | H47 | 23 | 154,234 | 62,576 | | | 1,908 | 774 | 394 | 160 | 2,302 | 934 | | |
| | H48 | 24 | 161,829 | 63,133 | | | 1,908 | 744 | 395 | 154 | 2,303 | 898 | | |
| | H49 | 25 | 169,424 | 63,553 | | | 1,908 | 716 | 396 | 148 | 2,304 | 864 | | |
| | H50 | 26 | 177,019 | 63,849 | | | 1,908 | 689 | 397 | 144 | 2,305 | 833 | | |
| | H51 | 27 | 184,608 | 64,025 | | | | | 2,756 | 956 | 2,756 | 956 | | |
| | H52 | 28 | 184,608 | 61,563 | | | | | 397 | 133 | 397 | 133 | | |
| | H53 | 29 | 184,608 | 59,195 | | | | | 397 | 127 | 397 | 127 | | |
| | H54 | 30 | 184,608 | 56,918 | | | | | 397 | 122 | 397 | 122 | | |
| 施 | H55 | 31 | 184,608 | 54,729 | | | | | 397 | 117 | 397 | 117 | | |
| | H56 | 32 | 184,608 | 52,624 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| 設 | H57 | 33 | 184,608 | 50,600 | | | | | 397 | 109 | 397 | 109 | | |
| | H58 | 34 | 184,608 | 48,654 | | | | | 397 | 105 | 397 | 105 | | |
| 完 | H59 | 35 | 184,608 | 46,783 | | | | | 397 | 100 | 397 | 100 | | |
| | H60 | 36 | 184,608 | 44,983 | | | | | 397 | 97 | 397 | 97 | | |
| 成 | H61 | 37 | 184,608 | 43,253 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| | H62 | 38 | 184,608 | 41,590 | | | | | 397 | 89 | 397 | 89 | | |
| 後 | H63 | 39 | 184,608 | 39,989 | | | | | 397 | 86 | 397 | 86 | | |
| | H64 | 40 | 184,608 | 38,452 | | | | | 397 | 83 | 397 | 83 | | |
| の | H65 | 41 | 184,608 | 36,973 | | | | | 397 | 80 | 397 | 80 | | |
| | H66 | 42 | 184,608 | 35,551 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| 評 | H67 | 43 | 184,608 | 34,184 | | | | | 397 | 73 | 397 | 73 | | |
| | H68 | 44 | 184,608 | 32,869 | | | | | 397 | 70 | 397 | 70 | | |
| 価 | H69 | 45 | 184,608 | 31,605 | | | | | 397 | 67 | 397 | 67 | | |
| | H70 | 46 | 184,608 | 30,389 | | | | | 398 | 66 | 398 | 66 | | |
| 期 | H71 | 47 | 184,608 | 29,220 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| | H72 | 48 | 184,608 | 28,096 | | | | | 397 | 61 | 397 | 61 | | |
| 間 | H73 | 49 | 184,608 | 27,015 | | | | | 397 | 58 | 397 | 58 | | |
| | H74 | 50 | 184,608 | 25,976 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 184,608 | 24,978 | | | | | 397 | 53 | 397 | 53 | | |
| (50年) | H76 | 52 | 184,608 | 24,017 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 184,608 | 23,093 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 184,608 | 22,205 | | | | | 397 | 48 | 397 | 48 | | |
| | H79 | 55 | 184,608 | 21,351 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 184,608 | 20,530 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 184,608 | 19,740 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 184,608 | 18,981 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 184,608 | 18,251 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 184,608 | 17,549 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 184,608 | 16,874 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 184,608 | 16,225 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 184,608 | 15,601 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 184,608 | 15,001 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 184,608 | 14,424 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 184,608 | 13,869 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 184,608 | 13,336 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 184,608 | 12,823 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 184,608 | 12,330 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 184,608 | 11,855 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 184,608 | 11,400 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 184,608 | 10,961 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 184,608 | 10,540 | | | | | 397 | 23 | 397 | 23 | | |
| | H98 | 74 | 184,608 | 10,134 | | | | | 397 | 22 | 397 | 22 | | |
| | H99 | 75 | 184,608 | 9,744 | | | | | 397 | 21 | 397 | 21 | | |
| | H100 | 76 | 184,608 | 9,370 | | | | | 397 | 20 | 397 | 20 | | |
| 合計 | | | 11,733,919 | 2,808,633 | 826 | B= 2,809,459 | 63,843 | 48,729 | 69,376 | 25,347 | 133,219 | C= 74,076 | 37.9 | 2,735,383 |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業:残工期+10%） 水系名：天竜川 河川名：天竜川 単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | −6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | −5 | 263 | 320 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | −4 | 1,334 | 1,561 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | −3 | 6,676 | 7,510 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | −2 | 20,074 | 21,712 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | −1 | 24,620 | 25,604 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 29,344 | 29,344 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 34,994 | 33,649 | | | 1,247 | 1,199 | 375 | 361 | 1,622 | 1,560 | | |
| 整 | H26 | 2 | 37,902 | 35,043 | | | 1,247 | 1,153 | 2,735 | 2,529 | 3,982 | 3,682 | | |
| | H27 | 3 | 40,809 | 36,279 | | | 1,247 | 1,108 | 376 | 334 | 1,623 | 1,442 | | |
| 備 | H28 | 4 | 43,717 | 37,370 | | | 1,247 | 1,066 | 378 | 323 | 1,625 | 1,389 | | |
| | H29 | 5 | 46,624 | 38,321 | | | 1,247 | 1,025 | 378 | 310 | 1,625 | 1,335 | | |
| 期 | H30 | 6 | 49,531 | 39,145 | | | 1,247 | 985 | 381 | 301 | 1,628 | 1,286 | | |
| | H31 | 7 | 52,439 | 39,849 | | | 1,247 | 947 | 2,739 | 2,082 | 3,986 | 3,029 | | |
| 間 | H32 | 8 | 55,346 | 40,441 | | | 1,247 | 911 | 382 | 279 | 1,629 | 1,190 | | |
| | H33 | 9 | 58,255 | 40,930 | | | 1,247 | 876 | 382 | 268 | 1,629 | 1,144 | | |
| (36年) | H34 | 10 | 61,162 | 41,319 | | | 1,247 | 843 | 384 | 259 | 1,631 | 1,102 | | |
| | H35 | 11 | 64,070 | 41,619 | | | 1,247 | 810 | 384 | 250 | 1,631 | 1,060 | | |
| | H36 | 12 | 66,977 | 41,834 | | | 1,247 | 779 | 2,745 | 1,715 | 3,992 | 2,494 | | |
| | H37 | 13 | 69,884 | 41,970 | | | 1,725 | 1,036 | 386 | 232 | 2,111 | 1,268 | | |
| | H38 | 14 | 75,644 | 43,682 | | | 1,901 | 1,097 | 388 | 224 | 2,289 | 1,321 | | |
| | H39 | 15 | 82,455 | 45,785 | | | 1,901 | 1,056 | 388 | 215 | 2,289 | 1,271 | | |
| | H40 | 16 | 89,265 | 47,660 | | | 1,901 | 1,015 | 389 | 208 | 2,290 | 1,223 | | |
| | H41 | 17 | 96,075 | 49,322 | | | 1,901 | 976 | 2,748 | 1,411 | 4,649 | 2,387 | | |
| | H42 | 18 | 102,885 | 50,787 | | | 1,901 | 938 | 391 | 193 | 2,292 | 1,131 | | |
| | H43 | 19 | 109,695 | 52,066 | | | 1,901 | 902 | 391 | 186 | 2,292 | 1,088 | | |
| | H44 | 20 | 116,505 | 53,171 | | | 1,901 | 868 | 392 | 179 | 2,293 | 1,047 | | |
| | H45 | 21 | 123,316 | 54,115 | | | 1,901 | 835 | 393 | 172 | 2,294 | 1,007 | | |
| | H46 | 22 | 130,126 | 54,907 | | | 1,901 | 802 | 2,753 | 1,162 | 4,654 | 1,964 | | |
| | H47 | 23 | 136,937 | 55,559 | | | 1,901 | 771 | 394 | 160 | 2,295 | 931 | | |
| | H48 | 24 | 143,747 | 56,079 | | | 1,901 | 742 | 395 | 154 | 2,296 | 896 | | |
| | H49 | 25 | 150,557 | 56,476 | | | 1,901 | 713 | 396 | 148 | 2,297 | 861 | | |
| | H50 | 26 | 157,367 | 56,761 | | | 1,901 | 685 | 397 | 144 | 2,298 | 829 | | |
| | H51 | 27 | 164,178 | 56,940 | | | 1,901 | 659 | 2,756 | 956 | 4,657 | 1,615 | | |
| | H52 | 28 | 170,988 | 57,021 | | | 1,901 | 633 | 397 | 133 | 2,298 | 766 | | |
| | H53 | 29 | 177,798 | 57,011 | | | 1,901 | 609 | 397 | 127 | 2,298 | 736 | | |
| | H54 | 30 | 184,608 | 56,918 | | | | | 397 | 122 | 397 | 122 | | |
| | H55 | 31 | 184,608 | 54,729 | | | | | 397 | 117 | 397 | 117 | | |
| | H56 | 32 | 184,608 | 52,624 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| | H57 | 33 | 184,608 | 50,600 | | | | | 397 | 109 | 397 | 109 | | |
| 施 | H58 | 34 | 184,608 | 48,654 | | | | | 397 | 105 | 397 | 105 | | |
| | H59 | 35 | 184,608 | 46,783 | | | | | 397 | 100 | 397 | 100 | | |
| 設 | H60 | 36 | 184,608 | 44,983 | | | | | 397 | 97 | 397 | 97 | | |
| | H61 | 37 | 184,608 | 43,253 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| 完 | H62 | 38 | 184,608 | 41,590 | | | | | 397 | 89 | 397 | 89 | | |
| | H63 | 39 | 184,608 | 39,989 | | | | | 397 | 86 | 397 | 86 | | |
| 成 | H64 | 40 | 184,608 | 38,452 | | | | | 397 | 83 | 397 | 83 | | |
| | H65 | 41 | 184,608 | 36,973 | | | | | 397 | 80 | 397 | 80 | | |
| 後 | H66 | 42 | 184,608 | 35,551 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| | H67 | 43 | 184,608 | 34,184 | | | | | 397 | 73 | 397 | 73 | | |
| の | H68 | 44 | 184,608 | 32,869 | | | | | 397 | 70 | 397 | 70 | | |
| | H69 | 45 | 184,608 | 31,605 | | | | | 397 | 67 | 397 | 67 | | |
| 評 | H70 | 46 | 184,608 | 30,389 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 184,608 | 29,220 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| 価 | H72 | 48 | 184,608 | 28,096 | | | | | 397 | 61 | 397 | 61 | | |
| | H73 | 49 | 184,608 | 27,015 | | | | | 397 | 58 | 397 | 58 | | |
| 期 | H74 | 50 | 184,608 | 25,976 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 184,608 | 24,978 | | | | | 397 | 53 | 397 | 53 | | |
| 間 | H76 | 52 | 184,608 | 24,017 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 184,608 | 23,093 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 184,608 | 22,205 | | | | | 397 | 48 | 397 | 48 | | |
| (50年) | H79 | 55 | 184,608 | 21,351 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 184,608 | 20,530 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 184,608 | 19,740 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 184,608 | 18,981 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 184,608 | 18,251 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 184,608 | 17,549 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 184,608 | 16,874 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 184,608 | 16,225 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 184,608 | 15,601 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 184,608 | 15,001 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 184,608 | 14,424 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 184,608 | 13,869 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 184,608 | 13,336 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 184,608 | 12,823 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 184,608 | 12,330 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 184,608 | 11,855 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 184,608 | 11,400 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 184,608 | 10,961 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 184,608 | 10,540 | | | | | 397 | 23 | 397 | 23 | | |
| | H98 | 74 | 184,608 | 10,134 | | | | | 397 | 22 | 397 | 22 | | |
| | H99 | 75 | 184,608 | 9,744 | | | | | 397 | 21 | 397 | 21 | | |
| | H100 | 76 | 184,608 | 9,370 | | | | | 397 | 20 | 397 | 20 | | |
| | H101 | 77 | 184,608 | 9,009 | | | | | 2,756 | 135 | 2,756 | 135 | | |
| | H102 | 78 | 184,608 | 8,662 | | | | | 397 | 19 | 397 | 19 | | |
| | H103 | 79 | 184,608 | 8,329 | | | | | 397 | 17 | 397 | 17 | | |
| 合計 | | | 12,021,959 | 2,712,797 | 845 | B= 2,713,642 | 68,552 | 50,018 | 72,926 | 25,518 | 141,478 | C= 75,536 | 35.9 | 2,638,106 |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業:残工期-10%） 水系名：天竜川 河川名：天竜川 単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | -6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | -5 | 263 | 320 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | -4 | 1,335 | 1,562 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | -3 | 6,677 | 7,511 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | -2 | 20,075 | 21,713 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | -1 | 24,621 | 25,605 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 29,345 | 29,345 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 34,995 | 33,650 | | | 1,572 | 1,511 | 375 | 361 | 1,947 | 1,872 | | |
| 整 | H26 | 2 | 38,662 | 35,745 | | | 1,572 | 1,453 | 2,735 | 2,529 | 4,307 | 3,982 | | |
| | H27 | 3 | 42,329 | 37,630 | | | 1,572 | 1,397 | 376 | 334 | 1,948 | 1,731 | | |
| 備 | H28 | 4 | 45,995 | 39,317 | | | 1,572 | 1,344 | 378 | 323 | 1,950 | 1,667 | | |
| | H29 | 5 | 49,663 | 40,819 | | | 1,572 | 1,292 | 378 | 310 | 1,950 | 1,602 | | |
| 期 | H30 | 6 | 53,329 | 42,146 | | | 1,572 | 1,243 | 381 | 301 | 1,953 | 1,544 | | |
| | H31 | 7 | 56,996 | 43,313 | | | 1,572 | 1,194 | 2,739 | 2,082 | 4,311 | 3,276 | | |
| 間 | H32 | 8 | 60,663 | 44,326 | | | 1,572 | 1,149 | 382 | 279 | 1,954 | 1,428 | | |
| | H33 | 9 | 64,329 | 45,197 | | | 1,572 | 1,105 | 382 | 268 | 1,954 | 1,373 | | |
| (30年) | H34 | 10 | 67,996 | 45,936 | | | 1,794 | 1,212 | 384 | 259 | 2,178 | 1,471 | | |
| | H35 | 11 | 72,987 | 47,411 | | | 2,396 | 1,556 | 384 | 250 | 2,780 | 1,806 | | |
| | H36 | 12 | 81,571 | 50,949 | | | 2,396 | 1,497 | 2,745 | 1,715 | 5,141 | 3,212 | | |
| | H37 | 13 | 90,155 | 54,144 | | | 2,396 | 1,439 | 386 | 232 | 2,782 | 1,671 | | |
| | H38 | 14 | 98,739 | 57,020 | | | 2,396 | 1,384 | 388 | 224 | 2,784 | 1,608 | | |
| | H39 | 15 | 107,323 | 59,592 | | | 2,396 | 1,330 | 388 | 215 | 2,784 | 1,545 | | |
| | H40 | 16 | 115,907 | 61,884 | | | 2,396 | 1,280 | 389 | 208 | 2,785 | 1,488 | | |
| | H41 | 17 | 124,490 | 63,909 | | | 2,396 | 1,230 | 2,748 | 1,411 | 5,144 | 2,641 | | |
| | H42 | 18 | 133,075 | 65,689 | | | 2,396 | 1,183 | 391 | 193 | 2,787 | 1,376 | | |
| | H43 | 19 | 141,659 | 67,237 | | | 2,397 | 1,138 | 391 | 186 | 2,788 | 1,324 | | |
| | H44 | 20 | 150,249 | 68,572 | | | 2,397 | 1,094 | 392 | 179 | 2,789 | 1,273 | | |
| | H45 | 21 | 158,839 | 69,704 | | | 2,397 | 1,052 | 393 | 172 | 2,790 | 1,224 | | |
| | H46 | 22 | 167,428 | 70,648 | | | 2,397 | 1,012 | 2,753 | 1,162 | 5,150 | 2,174 | | |
| | H47 | 23 | 176,018 | 71,415 | | | 2,397 | 973 | 394 | 160 | 2,791 | 1,133 | | |
| | H48 | 24 | 184,608 | 72,020 | | | | | 395 | 154 | 395 | 154 | | |
| | H49 | 25 | 184,608 | 69,249 | | | | | 396 | 148 | 396 | 148 | | |
| | H50 | 26 | 184,608 | 66,586 | | | | | 397 | 144 | 397 | 144 | | |
| | H51 | 27 | 184,608 | 64,025 | | | | | 2,756 | 956 | 2,756 | 956 | | |
| 施 | H52 | 28 | 184,608 | 61,563 | | | | | 397 | 133 | 397 | 133 | | |
| | H53 | 29 | 184,608 | 59,195 | | | | | 397 | 127 | 397 | 127 | | |
| 設 | H54 | 30 | 184,608 | 56,918 | | | | | 397 | 122 | 397 | 122 | | |
| | H55 | 31 | 184,608 | 54,729 | | | | | 397 | 117 | 397 | 117 | | |
| 完 | H56 | 32 | 184,608 | 52,624 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| | H57 | 33 | 184,608 | 50,600 | | | | | 397 | 109 | 397 | 109 | | |
| 成 | H58 | 34 | 184,608 | 48,654 | | | | | 397 | 105 | 397 | 105 | | |
| | H59 | 35 | 184,608 | 46,783 | | | | | 397 | 100 | 397 | 100 | | |
| 後 | H60 | 36 | 184,608 | 44,983 | | | | | 397 | 97 | 397 | 97 | | |
| | H61 | 37 | 184,608 | 43,253 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| の | H62 | 38 | 184,608 | 41,590 | | | | | 397 | 89 | 397 | 89 | | |
| | H63 | 39 | 184,608 | 39,989 | | | | | 397 | 86 | 397 | 86 | | |
| 評 | H64 | 40 | 184,608 | 38,452 | | | | | 397 | 83 | 397 | 83 | | |
| | H65 | 41 | 184,608 | 36,973 | | | | | 397 | 80 | 397 | 80 | | |
| 価 | H66 | 42 | 184,608 | 35,551 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| | H67 | 43 | 184,608 | 34,184 | | | | | 397 | 73 | 397 | 73 | | |
| 期 | H68 | 44 | 184,608 | 32,869 | | | | | 397 | 70 | 397 | 70 | | |
| | H69 | 45 | 184,608 | 31,605 | | | | | 397 | 67 | 397 | 67 | | |
| 間 | H70 | 46 | 184,608 | 30,389 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 184,608 | 29,220 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| | H72 | 48 | 184,608 | 28,096 | | | | | 397 | 61 | 397 | 61 | | |
| (50年) | H73 | 49 | 184,608 | 27,015 | | | | | 397 | 58 | 397 | 58 | | |
| | H74 | 50 | 184,608 | 25,976 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 184,608 | 24,978 | | | | | 397 | 53 | 397 | 53 | | |
| | H76 | 52 | 184,608 | 24,017 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 184,608 | 23,093 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 184,608 | 22,205 | | | | | 397 | 48 | 397 | 48 | | |
| | H79 | 55 | 184,608 | 21,351 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 184,608 | 20,530 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 184,608 | 19,740 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 184,608 | 18,981 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 184,608 | 18,251 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 184,608 | 17,549 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 184,608 | 16,874 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 184,608 | 16,225 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 184,608 | 15,601 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 184,608 | 15,001 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 184,608 | 14,424 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 184,608 | 13,869 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 184,608 | 13,336 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 184,608 | 12,823 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 184,608 | 12,330 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 184,608 | 11,855 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 184,608 | 11,400 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 184,608 | 10,961 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 184,608 | 10,540 | | | | | 397 | 23 | 397 | 23 | | |
| 合計 | | | 11,446,113 | 2,911,334 | 1,068 | B= 2,912,402 | 68,552 | 53,047 | 68,185 | 25,284 | 136,737 | C= 78,331 | 37.2 | 2,834,071 |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業:残資産+10%） 水系名：天竜川 河川名：天竜川 単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | −6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | −5 | 288 | 350 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | −4 | 1,463 | 1,712 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | −3 | 7,320 | 8,234 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | −2 | 22,010 | 23,806 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | −1 | 26,994 | 28,074 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 32,173 | 32,173 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 38,369 | 36,893 | | | 1,391 | 1,338 | 375 | 361 | 1,766 | 1,699 | | |
| 整 | H26 | 2 | 41,926 | 38,763 | | | 1,391 | 1,286 | 2,735 | 2,529 | 4,126 | 3,815 | | |
| | H27 | 3 | 45,484 | 40,435 | | | 1,391 | 1,236 | 376 | 334 | 1,767 | 1,570 | | |
| 備 | H28 | 4 | 49,041 | 41,920 | | | 1,391 | 1,189 | 378 | 323 | 1,769 | 1,512 | | |
| | H29 | 5 | 52,599 | 43,233 | | | 1,391 | 1,143 | 378 | 310 | 1,769 | 1,453 | | |
| 期 | H30 | 6 | 56,157 | 44,381 | | | 1,391 | 1,099 | 381 | 301 | 1,772 | 1,400 | | |
| | H31 | 7 | 59,714 | 45,377 | | | 1,391 | 1,057 | 2,739 | 2,082 | 4,130 | 3,139 | | |
| 間 | H32 | 8 | 63,272 | 46,232 | | | 1,391 | 1,016 | 382 | 279 | 1,773 | 1,295 | | |
| | H33 | 9 | 66,829 | 46,953 | | | 1,391 | 977 | 382 | 268 | 1,773 | 1,245 | | |
| (33年) | H34 | 10 | 70,387 | 47,551 | | | 1,391 | 940 | 384 | 259 | 1,775 | 1,199 | | |
| | H35 | 11 | 73,945 | 48,034 | | | 1,391 | 904 | 384 | 250 | 1,775 | 1,154 | | |
| | H36 | 12 | 77,503 | 48,408 | | | 2,120 | 1,325 | 2,745 | 1,715 | 4,865 | 3,040 | | |
| | H37 | 13 | 85,830 | 51,548 | | | 2,120 | 1,273 | 386 | 232 | 2,506 | 1,505 | | |
| | H38 | 14 | 94,157 | 54,373 | | | 2,120 | 1,225 | 388 | 224 | 2,508 | 1,449 | | |
| | H39 | 15 | 102,484 | 56,906 | | | 2,120 | 1,177 | 388 | 215 | 2,508 | 1,392 | | |
| | H40 | 16 | 110,812 | 59,164 | | | 2,120 | 1,132 | 389 | 208 | 2,509 | 1,340 | | |
| | H41 | 17 | 119,140 | 61,163 | | | 2,120 | 1,088 | 2,748 | 1,411 | 4,868 | 2,499 | | |
| | H42 | 18 | 127,467 | 62,922 | | | 2,120 | 1,047 | 391 | 193 | 2,511 | 1,240 | | |
| | H43 | 19 | 135,794 | 64,454 | | | 2,120 | 1,006 | 391 | 186 | 2,511 | 1,192 | | |
| | H44 | 20 | 144,121 | 65,775 | | | 2,120 | 968 | 392 | 179 | 2,512 | 1,147 | | |
| | H45 | 21 | 152,449 | 66,900 | | | 2,120 | 930 | 393 | 172 | 2,513 | 1,102 | | |
| | H46 | 22 | 160,777 | 67,840 | | | 2,120 | 895 | 2,753 | 1,162 | 4,873 | 2,057 | | |
| | H47 | 23 | 169,104 | 68,610 | | | 2,120 | 861 | 394 | 160 | 2,514 | 1,021 | | |
| | H48 | 24 | 177,431 | 69,220 | | | 2,120 | 827 | 395 | 154 | 2,515 | 981 | | |
| | H49 | 25 | 185,758 | 69,681 | | | 2,120 | 795 | 396 | 148 | 2,516 | 943 | | |
| | H50 | 26 | 194,085 | 70,004 | | | 2,120 | 765 | 397 | 144 | 2,517 | 909 | | |
| | H51 | 27 | 202,407 | 70,198 | | | | | 2,756 | 956 | 2,756 | 956 | | |
| | H52 | 28 | 202,407 | 67,498 | | | | | 397 | 133 | 397 | 133 | | |
| | H53 | 29 | 202,407 | 64,902 | | | | | 397 | 127 | 397 | 127 | | |
| | H54 | 30 | 202,407 | 62,405 | | | | | 397 | 122 | 397 | 122 | | |
| 施 | H55 | 31 | 202,407 | 60,005 | | | | | 397 | 117 | 397 | 117 | | |
| | H56 | 32 | 202,407 | 57,698 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| 設 | H57 | 33 | 202,407 | 55,479 | | | | | 397 | 109 | 397 | 109 | | |
| | H58 | 34 | 202,407 | 53,345 | | | | | 397 | 105 | 397 | 105 | | |
| 完 | H59 | 35 | 202,407 | 51,293 | | | | | 397 | 100 | 397 | 100 | | |
| | H60 | 36 | 202,407 | 49,320 | | | | | 397 | 97 | 397 | 97 | | |
| 成 | H61 | 37 | 202,407 | 47,424 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| | H62 | 38 | 202,407 | 45,599 | | | | | 397 | 89 | 397 | 89 | | |
| 後 | H63 | 39 | 202,407 | 43,846 | | | | | 397 | 86 | 397 | 86 | | |
| | H64 | 40 | 202,407 | 42,159 | | | | | 397 | 83 | 397 | 83 | | |
| の | H65 | 41 | 202,407 | 40,538 | | | | | 397 | 80 | 397 | 80 | | |
| | H66 | 42 | 202,407 | 38,979 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| 評 | H67 | 43 | 202,407 | 37,479 | | | | | 397 | 73 | 397 | 73 | | |
| | H68 | 44 | 202,407 | 36,038 | | | | | 397 | 70 | 397 | 70 | | |
| 価 | H69 | 45 | 202,407 | 34,652 | | | | | 397 | 67 | 397 | 67 | | |
| | H70 | 46 | 202,407 | 33,319 | | | | | 398 | 66 | 398 | 66 | | |
| 期 | H71 | 47 | 202,407 | 32,037 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| | H72 | 48 | 202,407 | 30,805 | | | | | 397 | 61 | 397 | 61 | | |
| 間 | H73 | 49 | 202,407 | 29,620 | | | | | 397 | 58 | 397 | 58 | | |
| | H74 | 50 | 202,407 | 28,481 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 202,407 | 27,386 | | | | | 397 | 53 | 397 | 53 | | |
| (50年) | H76 | 52 | 202,407 | 26,332 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 202,407 | 25,320 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 202,407 | 24,346 | | | | | 397 | 48 | 397 | 48 | | |
| | H79 | 55 | 202,407 | 23,409 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 202,407 | 22,509 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 202,407 | 21,644 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 202,407 | 20,811 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 202,407 | 20,011 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 202,407 | 19,240 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 202,407 | 18,501 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 202,407 | 17,790 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 202,407 | 17,105 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 202,407 | 16,448 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 202,407 | 15,815 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 202,407 | 15,206 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 202,407 | 14,621 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 202,407 | 14,059 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 202,407 | 13,518 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 202,407 | 12,999 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 202,407 | 12,498 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 202,407 | 12,018 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 202,407 | 11,555 | | | | | 397 | 23 | 397 | 23 | | |
| | H98 | 74 | 202,407 | 11,112 | | | | | 397 | 22 | 397 | 22 | | |
| | H99 | 75 | 202,407 | 10,684 | | | | | 397 | 21 | 397 | 21 | | |
| | H100 | 76 | 202,407 | 10,273 | | | | | 397 | 20 | 397 | 20 | | |
| 合計 | | | 12,865,233 | 3,079,418 | 950 | B= 3,080,368 | 68,552 | 51,478 | 69,376 | 25,347 | 137,928 | C= 76,825 | 40.1 | 3,003,543 |

様式－5 費用対便益 （天竜川直轄河川改修事業 全体事業:残資産-10%）　水系名：天竜川　河川名：天竜川　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H18 | -6 | 0 | 0 | | | 889 | 1,136 | 0 | 0 | 889 | 1,136 | | |
| | H19 | -5 | 238 | 290 | | | 3,694 | 4,449 | 122 | 147 | 3,816 | 4,596 | | |
| | H20 | -4 | 1,206 | 1,411 | | | 3,399 | 3,852 | 124 | 140 | 3,523 | 3,992 | | |
| | H21 | -3 | 6,034 | 6,787 | | | 6,430 | 7,236 | 2,729 | 3,072 | 9,159 | 10,308 | | |
| | H22 | -2 | 18,139 | 19,620 | | | 2,192 | 2,371 | 372 | 402 | 2,564 | 2,773 | | |
| | H23 | -1 | 22,247 | 23,137 | | | 2,199 | 2,287 | 373 | 388 | 2,572 | 2,675 | | |
| | H24 | 0 | 26,516 | 26,516 | | | 2,648 | 2,648 | 374 | 374 | 3,022 | 3,022 | | |
| | H25 | 1 | 31,622 | 30,406 | | | 1,391 | 1,338 | 375 | 361 | 1,766 | 1,699 | | |
| 整 | H26 | 2 | 34,554 | 31,947 | | | 1,391 | 1,286 | 2,735 | 2,529 | 4,126 | 3,815 | | |
| | H27 | 3 | 37,486 | 33,325 | | | 1,391 | 1,236 | 376 | 334 | 1,767 | 1,570 | | |
| 備 | H28 | 4 | 40,418 | 34,549 | | | 1,391 | 1,189 | 378 | 323 | 1,769 | 1,512 | | |
| | H29 | 5 | 43,350 | 35,630 | | | 1,391 | 1,143 | 378 | 310 | 1,769 | 1,453 | | |
| 期 | H30 | 6 | 46,282 | 36,578 | | | 1,391 | 1,099 | 381 | 301 | 1,772 | 1,400 | | |
| | H31 | 7 | 49,214 | 37,399 | | | 1,391 | 1,057 | 2,739 | 2,082 | 4,130 | 3,139 | | |
| 間 | H32 | 8 | 52,146 | 38,102 | | | 1,391 | 1,016 | 382 | 279 | 1,773 | 1,295 | | |
| | H33 | 9 | 55,078 | 38,697 | | | 1,391 | 977 | 382 | 268 | 1,773 | 1,245 | | |
| (33年) | H34 | 10 | 58,010 | 39,189 | | | 1,391 | 940 | 384 | 259 | 1,775 | 1,199 | | |
| | H35 | 11 | 60,941 | 39,586 | | | 1,391 | 904 | 384 | 250 | 1,775 | 1,154 | | |
| | H36 | 12 | 63,873 | 39,894 | | | 2,120 | 1,325 | 2,745 | 1,715 | 4,865 | 3,040 | | |
| | H37 | 13 | 70,736 | 42,482 | | | 2,120 | 1,273 | 386 | 232 | 2,506 | 1,505 | | |
| | H38 | 14 | 77,599 | 44,812 | | | 2,120 | 1,225 | 388 | 224 | 2,508 | 1,449 | | |
| | H39 | 15 | 84,462 | 46,899 | | | 2,120 | 1,177 | 388 | 215 | 2,508 | 1,392 | | |
| | H40 | 16 | 91,325 | 48,759 | | | 2,120 | 1,132 | 389 | 208 | 2,509 | 1,340 | | |
| | H41 | 17 | 98,188 | 50,407 | | | 2,120 | 1,088 | 2,748 | 1,411 | 4,868 | 2,499 | | |
| | H42 | 18 | 105,051 | 51,856 | | | 2,120 | 1,047 | 391 | 193 | 2,511 | 1,240 | | |
| | H43 | 19 | 111,913 | 53,119 | | | 2,120 | 1,006 | 391 | 186 | 2,511 | 1,192 | | |
| | H44 | 20 | 118,776 | 54,207 | | | 2,120 | 968 | 392 | 179 | 2,512 | 1,147 | | |
| | H45 | 21 | 125,639 | 55,135 | | | 2,120 | 930 | 393 | 172 | 2,513 | 1,102 | | |
| | H46 | 22 | 132,502 | 55,910 | | | 2,120 | 895 | 2,753 | 1,162 | 4,873 | 2,057 | | |
| | H47 | 23 | 139,365 | 56,544 | | | 2,120 | 861 | 394 | 160 | 2,514 | 1,021 | | |
| | H48 | 24 | 146,228 | 57,047 | | | 2,120 | 827 | 395 | 154 | 2,515 | 981 | | |
| | H49 | 25 | 153,091 | 57,427 | | | 2,120 | 795 | 396 | 148 | 2,516 | 943 | | |
| | H50 | 26 | 159,954 | 57,694 | | | 2,120 | 765 | 397 | 144 | 2,517 | 909 | | |
| | H51 | 27 | 166,811 | 57,853 | | | | | 2,756 | 956 | 2,756 | 956 | | |
| | H52 | 28 | 166,811 | 55,628 | | | | | 397 | 133 | 397 | 133 | | |
| | H53 | 29 | 166,811 | 53,489 | | | | | 397 | 127 | 397 | 127 | | |
| | H54 | 30 | 166,811 | 51,431 | | | | | 397 | 122 | 397 | 122 | | |
| 施 | H55 | 31 | 166,811 | 49,453 | | | | | 397 | 117 | 397 | 117 | | |
| | H56 | 32 | 166,811 | 47,551 | | | | | 2,756 | 786 | 2,756 | 786 | | |
| 設 | H57 | 33 | 166,811 | 45,722 | | | | | 397 | 109 | 397 | 109 | | |
| | H58 | 34 | 166,811 | 43,963 | | | | | 397 | 105 | 397 | 105 | | |
| 完 | H59 | 35 | 166,811 | 42,272 | | | | | 397 | 100 | 397 | 100 | | |
| | H60 | 36 | 166,811 | 40,646 | | | | | 397 | 97 | 397 | 97 | | |
| 成 | H61 | 37 | 166,811 | 39,083 | | | | | 2,756 | 646 | 2,756 | 646 | | |
| | H62 | 38 | 166,811 | 37,580 | | | | | 397 | 89 | 397 | 89 | | |
| 後 | H63 | 39 | 166,811 | 36,135 | | | | | 397 | 86 | 397 | 86 | | |
| | H64 | 40 | 166,811 | 34,745 | | | | | 397 | 83 | 397 | 83 | | |
| の | H65 | 41 | 166,811 | 33,408 | | | | | 397 | 80 | 397 | 80 | | |
| | H66 | 42 | 166,811 | 32,124 | | | | | 2,756 | 530 | 2,756 | 530 | | |
| 評 | H67 | 43 | 166,811 | 30,888 | | | | | 397 | 73 | 397 | 73 | | |
| | H68 | 44 | 166,811 | 29,700 | | | | | 397 | 70 | 397 | 70 | | |
| 価 | H69 | 45 | 166,811 | 28,557 | | | | | 397 | 67 | 397 | 67 | | |
| | H70 | 46 | 166,811 | 27,460 | | | | | 398 | 66 | 398 | 66 | | |
| 期 | H71 | 47 | 166,811 | 26,403 | | | | | 2,756 | 436 | 2,756 | 436 | | |
| | H72 | 48 | 166,811 | 25,388 | | | | | 397 | 61 | 397 | 61 | | |
| 間 | H73 | 49 | 166,811 | 24,412 | | | | | 397 | 58 | 397 | 58 | | |
| | H74 | 50 | 166,811 | 23,473 | | | | | 397 | 56 | 397 | 56 | | |
| | H75 | 51 | 166,811 | 22,569 | | | | | 397 | 53 | 397 | 53 | | |
| (50年) | H76 | 52 | 166,811 | 21,702 | | | | | 2,756 | 359 | 2,756 | 359 | | |
| | H77 | 53 | 166,811 | 20,867 | | | | | 397 | 50 | 397 | 50 | | |
| | H78 | 54 | 166,811 | 20,064 | | | | | 397 | 48 | 397 | 48 | | |
| | H79 | 55 | 166,811 | 19,292 | | | | | 397 | 46 | 397 | 46 | | |
| | H80 | 56 | 166,811 | 18,551 | | | | | 397 | 44 | 397 | 44 | | |
| | H81 | 57 | 166,811 | 17,837 | | | | | 2,756 | 295 | 2,756 | 295 | | |
| | H82 | 58 | 166,811 | 17,151 | | | | | 397 | 41 | 397 | 41 | | |
| | H83 | 59 | 166,811 | 16,492 | | | | | 397 | 39 | 397 | 39 | | |
| | H84 | 60 | 166,811 | 15,857 | | | | | 397 | 38 | 397 | 38 | | |
| | H85 | 61 | 166,811 | 15,247 | | | | | 397 | 36 | 397 | 36 | | |
| | H86 | 62 | 166,811 | 14,661 | | | | | 2,756 | 242 | 2,756 | 242 | | |
| | H87 | 63 | 166,811 | 14,097 | | | | | 397 | 33 | 397 | 33 | | |
| | H88 | 64 | 166,811 | 13,555 | | | | | 397 | 33 | 397 | 33 | | |
| | H89 | 65 | 166,811 | 13,033 | | | | | 397 | 31 | 397 | 31 | | |
| | H90 | 66 | 166,811 | 12,532 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 166,811 | 12,051 | | | | | 2,756 | 199 | 2,756 | 199 | | |
| | H92 | 68 | 166,811 | 11,587 | | | | | 397 | 28 | 397 | 28 | | |
| | H93 | 69 | 166,811 | 11,141 | | | | | 397 | 27 | 397 | 27 | | |
| | H94 | 70 | 166,811 | 10,713 | | | | | 397 | 25 | 397 | 25 | | |
| | H95 | 71 | 166,811 | 10,300 | | | | | 397 | 25 | 397 | 25 | | |
| | H96 | 72 | 166,811 | 9,904 | | | | | 2,756 | 164 | 2,756 | 164 | | |
| | H97 | 73 | 166,811 | 9,523 | | | | | 397 | 23 | 397 | 23 | | |
| | H98 | 74 | 166,811 | 9,157 | | | | | 397 | 22 | 397 | 22 | | |
| | H99 | 75 | 166,811 | 8,805 | | | | | 397 | 21 | 397 | 21 | | |
| | H100 | 76 | 166,811 | 8,466 | | | | | 397 | 20 | 397 | 20 | | |
| 合計 | | | 10,602,733 | 2,537,879 | 950 | B= 2,538,829 | 68,552 | 51,478 | 69,376 | 25,347 | 137,928 | C= 76,825 | 33.0 | 2,462,004 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業評価）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①＋② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①＋② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,391 | 1,338 | 0 | 0 | 1,391 | 1,338 | | |
| 整 | H26 | 2 | 1,523 | 1,408 | | | 1,391 | 1,286 | 859 | 795 | 2,250 | 2,081 | | |
| | H27 | 3 | 3,044 | 2,706 | | | 1,391 | 1,236 | 319 | 283 | 1,710 | 1,519 | | |
| 備 | H28 | 4 | 4,567 | 3,904 | | | 1,391 | 1,189 | 320 | 274 | 1,711 | 1,463 | | |
| | H29 | 5 | 6,088 | 5,004 | | | 1,391 | 1,143 | 321 | 263 | 1,712 | 1,406 | | |
| 期 | H30 | 6 | 7,611 | 6,015 | | | 1,391 | 1,099 | 323 | 255 | 1,714 | 1,354 | | |
| | H31 | 7 | 9,134 | 6,941 | | | 1,391 | 1,057 | 864 | 657 | 2,255 | 1,714 | | |
| 間 | H32 | 8 | 10,655 | 7,786 | | | 1,391 | 1,016 | 324 | 237 | 1,715 | 1,253 | | |
| | H33 | 9 | 12,178 | 8,557 | | | 1,391 | 977 | 325 | 228 | 1,716 | 1,205 | | |
| (33年) | H34 | 10 | 13,699 | 9,255 | | | 1,391 | 940 | 326 | 220 | 1,717 | 1,160 | | |
| | H35 | 11 | 15,222 | 9,888 | | | 1,391 | 904 | 327 | 213 | 1,718 | 1,117 | | |
| | H36 | 12 | 16,744 | 10,458 | | | 2,120 | 1,325 | 870 | 544 | 2,990 | 1,869 | | |
| | H37 | 13 | 20,146 | 12,099 | | | 2,120 | 1,273 | 329 | 198 | 2,449 | 1,471 | | |
| | H38 | 14 | 23,549 | 13,599 | | | 2,120 | 1,225 | 330 | 190 | 2,450 | 1,415 | | |
| | H39 | 15 | 26,951 | 14,965 | | | 2,120 | 1,177 | 330 | 183 | 2,450 | 1,360 | | |
| | H40 | 16 | 30,354 | 16,206 | | | 2,120 | 1,132 | 332 | 178 | 2,452 | 1,310 | | |
| | H41 | 17 | 33,757 | 17,330 | | | 2,120 | 1,088 | 873 | 448 | 2,993 | 1,536 | | |
| | H42 | 18 | 37,158 | 18,342 | | | 2,120 | 1,047 | 333 | 165 | 2,453 | 1,212 | | |
| | H43 | 19 | 40,561 | 19,252 | | | 2,120 | 1,006 | 333 | 158 | 2,453 | 1,164 | | |
| | H44 | 20 | 43,964 | 20,064 | | | 2,120 | 968 | 335 | 153 | 2,455 | 1,121 | | |
| | H45 | 21 | 47,366 | 20,785 | | | 2,120 | 930 | 335 | 147 | 2,455 | 1,077 | | |
| | H46 | 22 | 50,769 | 21,422 | | | 2,120 | 895 | 877 | 370 | 2,997 | 1,265 | | |
| | H47 | 23 | 54,170 | 21,978 | | | 2,120 | 861 | 336 | 136 | 2,456 | 997 | | |
| | H48 | 24 | 57,573 | 22,460 | | | 2,120 | 827 | 338 | 131 | 2,458 | 958 | | |
| | H49 | 25 | 60,976 | 22,873 | | | 2,120 | 795 | 338 | 127 | 2,458 | 922 | | |
| | H50 | 26 | 64,378 | 23,220 | | | 2,120 | 765 | 339 | 123 | 2,459 | 888 | | |
| | H51 | 27 | 67,778 | 23,507 | | | | | 881 | 306 | 881 | 306 | | |
| | H52 | 28 | 67,778 | 22,603 | | | | | 340 | 114 | 340 | 114 | | |
| | H53 | 29 | 67,778 | 21,733 | | | | | 340 | 109 | 340 | 109 | | |
| | H54 | 30 | 67,778 | 20,898 | | | | | 340 | 105 | 340 | 105 | | |
| 施 | H55 | 31 | 67,778 | 20,093 | | | | | 340 | 100 | 340 | 100 | | |
| | H56 | 32 | 67,778 | 19,321 | | | | | 881 | 251 | 881 | 251 | | |
| 設 | H57 | 33 | 67,778 | 18,578 | | | | | 340 | 93 | 340 | 93 | | |
| | H58 | 34 | 67,778 | 17,863 | | | | | 340 | 90 | 340 | 90 | | |
| 完 | H59 | 35 | 67,778 | 17,176 | | | | | 340 | 86 | 340 | 86 | | |
| | H60 | 36 | 67,778 | 16,516 | | | | | 340 | 83 | 340 | 83 | | |
| 成 | H61 | 37 | 67,778 | 15,880 | | | | | 881 | 207 | 881 | 207 | | |
| | H62 | 38 | 67,778 | 15,270 | | | | | 340 | 76 | 340 | 76 | | |
| 後 | H63 | 39 | 67,778 | 14,682 | | | | | 340 | 74 | 340 | 74 | | |
| | H64 | 40 | 67,778 | 14,118 | | | | | 340 | 71 | 340 | 71 | | |
| の | H65 | 41 | 67,778 | 13,574 | | | | | 340 | 68 | 340 | 68 | | |
| | H66 | 42 | 67,778 | 13,053 | | | | | 881 | 169 | 881 | 169 | | |
| 評 | H67 | 43 | 67,778 | 12,550 | | | | | 340 | 62 | 340 | 62 | | |
| | H68 | 44 | 67,778 | 12,068 | | | | | 340 | 60 | 340 | 60 | | |
| 価 | H69 | 45 | 67,778 | 11,603 | | | | | 340 | 58 | 340 | 58 | | |
| | H70 | 46 | 67,778 | 11,158 | | | | | 341 | 56 | 341 | 56 | | |
| 期 | H71 | 47 | 67,778 | 10,728 | | | | | 881 | 139 | 881 | 139 | | |
| | H72 | 48 | 67,778 | 10,315 | | | | | 340 | 52 | 340 | 52 | | |
| 間 | H73 | 49 | 67,778 | 9,919 | | | | | 340 | 50 | 340 | 50 | | |
| | H74 | 50 | 67,778 | 9,537 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 67,778 | 9,170 | | | | | 340 | 46 | 340 | 46 | | |
| (50年) | H76 | 52 | 67,778 | 8,818 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 67,778 | 8,479 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 67,778 | 8,152 | | | | | 340 | 41 | 340 | 41 | | |
| | H79 | 55 | 67,778 | 7,838 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 67,778 | 7,538 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 67,778 | 7,248 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 67,778 | 6,969 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 67,778 | 6,701 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 67,778 | 6,443 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 67,778 | 6,195 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 67,778 | 5,957 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 67,778 | 5,728 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 67,778 | 5,507 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 67,778 | 5,296 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 67,778 | 5,092 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 67,778 | 4,896 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 67,778 | 4,708 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 67,778 | 4,527 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 67,778 | 4,352 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 67,778 | 4,185 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 67,778 | 4,024 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 67,778 | 3,869 | | | | | 340 | 19 | 340 | 19 | | |
| | H98 | 74 | 67,778 | 3,721 | | | | | 340 | 19 | 340 | 19 | | |
| | H99 | 75 | 67,778 | 3,577 | | | | | 340 | 18 | 340 | 18 | | |
| | H100 | 76 | 67,778 | 3,440 | | | | | 340 | 17 | 340 | 17 | | |
| 合計 | | | 4,081,037 | 861,690 | 633 | B= 862,323 | 47,101 | 27,499 | 33,348 | 10,217 | 80,449 | 37,716 | 22.9 | 824,607 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業:残事業+10%）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①＋② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①＋② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,530 | 1,471 | 0 | 0 | 1,530 | 1,471 | | |
| 整 | H26 | 2 | 1,523 | 1,408 | | | 1,530 | 1,415 | 859 | 795 | 2,389 | 2,210 | | |
| | H27 | 3 | 3,044 | 2,706 | | | 1,530 | 1,360 | 319 | 283 | 1,849 | 1,643 | | |
| 備 | H28 | 4 | 4,567 | 3,904 | | | 1,530 | 1,308 | 320 | 274 | 1,850 | 1,582 | | |
| | H29 | 5 | 6,088 | 5,004 | | | 1,530 | 1,257 | 321 | 263 | 1,851 | 1,520 | | |
| 期 | H30 | 6 | 7,611 | 6,015 | | | 1,530 | 1,210 | 323 | 255 | 1,853 | 1,465 | | |
| | H31 | 7 | 9,134 | 6,941 | | | 1,530 | 1,163 | 864 | 657 | 2,394 | 1,820 | | |
| 間 | H32 | 8 | 10,655 | 7,786 | | | 1,530 | 1,118 | 324 | 237 | 1,854 | 1,355 | | |
| | H33 | 9 | 12,178 | 8,557 | | | 1,530 | 1,075 | 325 | 228 | 1,855 | 1,303 | | |
| (26年) | H34 | 10 | 13,699 | 9,255 | | | 1,530 | 1,034 | 326 | 220 | 1,856 | 1,254 | | |
| | H35 | 11 | 15,222 | 9,888 | | | 1,530 | 994 | 327 | 213 | 1,857 | 1,207 | | |
| | H36 | 12 | 16,744 | 10,458 | | | 2,332 | 1,456 | 870 | 544 | 3,202 | 2,000 | | |
| | H37 | 13 | 20,146 | 12,099 | | | 2,332 | 1,401 | 329 | 198 | 2,661 | 1,599 | | |
| | H38 | 14 | 23,549 | 13,599 | | | 2,332 | 1,347 | 330 | 190 | 2,662 | 1,537 | | |
| | H39 | 15 | 26,951 | 14,965 | | | 2,332 | 1,295 | 330 | 183 | 2,662 | 1,478 | | |
| | H40 | 16 | 30,354 | 16,206 | | | 2,332 | 1,245 | 332 | 178 | 2,664 | 1,423 | | |
| | H41 | 17 | 33,757 | 17,330 | | | 2,332 | 1,197 | 873 | 448 | 3,205 | 1,645 | | |
| | H42 | 18 | 37,158 | 18,342 | | | 2,332 | 1,151 | 333 | 165 | 2,665 | 1,316 | | |
| | H43 | 19 | 40,561 | 19,252 | | | 2,332 | 1,107 | 333 | 158 | 2,665 | 1,265 | | |
| | H44 | 20 | 43,964 | 20,064 | | | 2,332 | 1,064 | 335 | 153 | 2,667 | 1,217 | | |
| | H45 | 21 | 47,366 | 20,785 | | | 2,332 | 1,023 | 335 | 147 | 2,667 | 1,170 | | |
| | H46 | 22 | 50,769 | 21,422 | | | 2,332 | 984 | 877 | 370 | 3,209 | 1,354 | | |
| | H47 | 23 | 54,170 | 21,978 | | | 2,332 | 947 | 336 | 136 | 2,668 | 1,083 | | |
| | H48 | 24 | 57,573 | 22,460 | | | 2,332 | 909 | 338 | 131 | 2,670 | 1,040 | | |
| | H49 | 25 | 60,976 | 22,873 | | | 2,332 | 875 | 338 | 127 | 2,670 | 1,002 | | |
| | H50 | 26 | 64,378 | 23,220 | | | 2,332 | 841 | 339 | 123 | 2,671 | 964 | | |
| | H51 | 27 | 67,778 | 23,507 | | | | | 881 | 306 | 881 | 306 | | |
| | H52 | 28 | 67,778 | 22,603 | | | | | 340 | 114 | 340 | 114 | | |
| | H53 | 29 | 67,778 | 21,733 | | | | | 340 | 109 | 340 | 109 | | |
| | H54 | 30 | 67,778 | 20,898 | | | | | 340 | 105 | 340 | 105 | | |
| 施 | H55 | 31 | 67,778 | 20,093 | | | | | 340 | 100 | 340 | 100 | | |
| | H56 | 32 | 67,778 | 19,321 | | | | | 881 | 251 | 881 | 251 | | |
| 設 | H57 | 33 | 67,778 | 18,578 | | | | | 340 | 93 | 340 | 93 | | |
| | H58 | 34 | 67,778 | 17,863 | | | | | 340 | 90 | 340 | 90 | | |
| 完 | H59 | 35 | 67,778 | 17,176 | | | | | 340 | 86 | 340 | 86 | | |
| | H60 | 36 | 67,778 | 16,516 | | | | | 340 | 83 | 340 | 83 | | |
| 成 | H61 | 37 | 67,778 | 15,880 | | | | | 881 | 207 | 881 | 207 | | |
| | H62 | 38 | 67,778 | 15,270 | | | | | 340 | 76 | 340 | 76 | | |
| 後 | H63 | 39 | 67,778 | 14,682 | | | | | 340 | 74 | 340 | 74 | | |
| | H64 | 40 | 67,778 | 14,118 | | | | | 340 | 71 | 340 | 71 | | |
| の | H65 | 41 | 67,778 | 13,574 | | | | | 340 | 68 | 340 | 68 | | |
| | H66 | 42 | 67,778 | 13,053 | | | | | 881 | 169 | 881 | 169 | | |
| 評 | H67 | 43 | 67,778 | 12,550 | | | | | 340 | 62 | 340 | 62 | | |
| | H68 | 44 | 67,778 | 12,068 | | | | | 340 | 60 | 340 | 60 | | |
| 価 | H69 | 45 | 67,778 | 11,603 | | | | | 340 | 58 | 340 | 58 | | |
| | H70 | 46 | 67,778 | 11,158 | | | | | 341 | 56 | 341 | 56 | | |
| 期 | H71 | 47 | 67,778 | 10,728 | | | | | 881 | 139 | 881 | 139 | | |
| | H72 | 48 | 67,778 | 10,315 | | | | | 340 | 52 | 340 | 52 | | |
| 間 | H73 | 49 | 67,778 | 9,919 | | | | | 340 | 50 | 340 | 50 | | |
| | H74 | 50 | 67,778 | 9,537 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 67,778 | 9,170 | | | | | 340 | 46 | 340 | 46 | | |
| (50年) | H76 | 52 | 67,778 | 8,818 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 67,778 | 8,479 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 67,778 | 8,152 | | | | | 340 | 41 | 340 | 41 | | |
| | H79 | 55 | 67,778 | 7,838 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 67,778 | 7,538 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 67,778 | 7,248 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 67,778 | 6,969 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 67,778 | 6,701 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 67,778 | 6,443 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 67,778 | 6,195 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 67,778 | 5,957 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 67,778 | 5,728 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 67,778 | 5,507 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 67,778 | 5,296 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 67,778 | 5,092 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 67,778 | 4,896 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 67,778 | 4,708 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 67,778 | 4,527 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 67,778 | 4,352 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 67,778 | 4,185 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 67,778 | 4,024 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 67,778 | 3,869 | | | | | 340 | 19 | 340 | 19 | | |
| | H98 | 74 | 67,778 | 3,721 | | | | | 340 | 19 | 340 | 19 | | |
| | H99 | 75 | 67,778 | 3,577 | | | | | 340 | 18 | 340 | 18 | | |
| | H100 | 76 | 67,778 | 3,440 | | | | | 340 | 17 | 340 | 17 | | |
| 合計 | | | 4,081,037 | 861,690 | 697 | B= 862,387 | 51,810 | 30,247 | 33,348 | 10,217 | 85,158 | 40,464 | 21.3 | 821,923 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業:残事業-10%）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①＋② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①＋② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,252 | 1,204 | 0 | 0 | 1,252 | 1,204 | | |
| 整 | H26 | 2 | 1,523 | 1,408 | | | 1,252 | 1,157 | 859 | 795 | 2,111 | 1,952 | | |
| | H27 | 3 | 3,044 | 2,706 | | | 1,252 | 1,113 | 319 | 283 | 1,571 | 1,396 | | |
| 備 | H28 | 4 | 4,567 | 3,904 | | | 1,252 | 1,071 | 320 | 274 | 1,572 | 1,345 | | |
| | H29 | 5 | 6,088 | 5,004 | | | 1,252 | 1,029 | 321 | 263 | 1,573 | 1,292 | | |
| 期 | H30 | 6 | 7,611 | 6,015 | | | 1,252 | 990 | 323 | 255 | 1,575 | 1,245 | | |
| | H31 | 7 | 9,134 | 6,941 | | | 1,252 | 951 | 864 | 657 | 2,116 | 1,608 | | |
| 間 | H32 | 8 | 10,655 | 7,786 | | | 1,252 | 915 | 324 | 237 | 1,576 | 1,152 | | |
| | H33 | 9 | 12,178 | 8,557 | | | 1,252 | 879 | 325 | 228 | 1,577 | 1,107 | | |
| (26年) | H34 | 10 | 13,699 | 9,255 | | | 1,252 | 846 | 326 | 220 | 1,578 | 1,066 | | |
| | H35 | 11 | 15,222 | 9,888 | | | 1,252 | 813 | 327 | 213 | 1,579 | 1,026 | | |
| | H36 | 12 | 16,744 | 10,458 | | | 1,908 | 1,192 | 870 | 544 | 2,778 | 1,736 | | |
| | H37 | 13 | 20,146 | 12,099 | | | 1,908 | 1,146 | 329 | 198 | 2,237 | 1,344 | | |
| | H38 | 14 | 23,549 | 13,599 | | | 1,908 | 1,102 | 330 | 190 | 2,238 | 1,292 | | |
| | H39 | 15 | 26,951 | 14,965 | | | 1,908 | 1,059 | 330 | 183 | 2,238 | 1,242 | | |
| | H40 | 16 | 30,354 | 16,206 | | | 1,908 | 1,019 | 332 | 178 | 2,240 | 1,197 | | |
| | H41 | 17 | 33,757 | 17,330 | | | 1,908 | 980 | 873 | 448 | 2,781 | 1,428 | | |
| | H42 | 18 | 37,158 | 18,342 | | | 1,908 | 942 | 333 | 165 | 2,241 | 1,107 | | |
| | H43 | 19 | 40,561 | 19,252 | | | 1,908 | 906 | 333 | 158 | 2,241 | 1,064 | | |
| | H44 | 20 | 43,964 | 20,064 | | | 1,908 | 871 | 335 | 153 | 2,243 | 1,024 | | |
| | H45 | 21 | 47,366 | 20,785 | | | 1,908 | 837 | 335 | 147 | 2,243 | 984 | | |
| | H46 | 22 | 50,769 | 21,422 | | | 1,908 | 805 | 877 | 370 | 2,785 | 1,175 | | |
| | H47 | 23 | 54,170 | 21,978 | | | 1,908 | 774 | 336 | 136 | 2,244 | 910 | | |
| | H48 | 24 | 57,573 | 22,460 | | | 1,908 | 744 | 338 | 131 | 2,246 | 875 | | |
| | H49 | 25 | 60,976 | 22,873 | | | 1,908 | 716 | 338 | 127 | 2,246 | 843 | | |
| | H50 | 26 | 64,378 | 23,220 | | | 1,908 | 689 | 339 | 123 | 2,247 | 812 | | |
| | H51 | 27 | 67,778 | 23,507 | | | | | 881 | 306 | 881 | 306 | | |
| | H52 | 28 | 67,778 | 22,603 | | | | | 340 | 114 | 340 | 114 | | |
| | H53 | 29 | 67,778 | 21,733 | | | | | 340 | 109 | 340 | 109 | | |
| | H54 | 30 | 67,778 | 20,898 | | | | | 340 | 105 | 340 | 105 | | |
| 施 | H55 | 31 | 67,778 | 20,093 | | | | | 340 | 100 | 340 | 100 | | |
| | H56 | 32 | 67,778 | 19,321 | | | | | 881 | 251 | 881 | 251 | | |
| 設 | H57 | 33 | 67,778 | 18,578 | | | | | 340 | 93 | 340 | 93 | | |
| | H58 | 34 | 67,778 | 17,863 | | | | | 340 | 90 | 340 | 90 | | |
| 完 | H59 | 35 | 67,778 | 17,176 | | | | | 340 | 86 | 340 | 86 | | |
| | H60 | 36 | 67,778 | 16,516 | | | | | 340 | 83 | 340 | 83 | | |
| 成 | H61 | 37 | 67,778 | 15,880 | | | | | 881 | 207 | 881 | 207 | | |
| | H62 | 38 | 67,778 | 15,270 | | | | | 340 | 76 | 340 | 76 | | |
| 後 | H63 | 39 | 67,778 | 14,682 | | | | | 340 | 74 | 340 | 74 | | |
| | H64 | 40 | 67,778 | 14,118 | | | | | 340 | 71 | 340 | 71 | | |
| の | H65 | 41 | 67,778 | 13,574 | | | | | 340 | 68 | 340 | 68 | | |
| | H66 | 42 | 67,778 | 13,053 | | | | | 881 | 169 | 881 | 169 | | |
| 評 | H67 | 43 | 67,778 | 12,550 | | | | | 340 | 62 | 340 | 62 | | |
| | H68 | 44 | 67,778 | 12,068 | | | | | 340 | 60 | 340 | 60 | | |
| 価 | H69 | 45 | 67,778 | 11,603 | | | | | 340 | 58 | 340 | 58 | | |
| | H70 | 46 | 67,778 | 11,158 | | | | | 341 | 56 | 341 | 56 | | |
| 期 | H71 | 47 | 67,778 | 10,728 | | | | | 881 | 139 | 881 | 139 | | |
| | H72 | 48 | 67,778 | 10,315 | | | | | 340 | 52 | 340 | 52 | | |
| 間 | H73 | 49 | 67,778 | 9,919 | | | | | 340 | 50 | 340 | 50 | | |
| | H74 | 50 | 67,778 | 9,537 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 67,778 | 9,170 | | | | | 340 | 46 | 340 | 46 | | |
| (50年) | H76 | 52 | 67,778 | 8,818 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 67,778 | 8,479 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 67,778 | 8,152 | | | | | 340 | 41 | 340 | 41 | | |
| | H79 | 55 | 67,778 | 7,838 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 67,778 | 7,538 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 67,778 | 7,248 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 67,778 | 6,969 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 67,778 | 6,701 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 67,778 | 6,443 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 67,778 | 6,195 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 67,778 | 5,957 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 67,778 | 5,728 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 67,778 | 5,507 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 67,778 | 5,296 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 67,778 | 5,092 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 67,778 | 4,896 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 67,778 | 4,708 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 67,778 | 4,527 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 67,778 | 4,352 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 67,778 | 4,185 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 67,778 | 4,024 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 67,778 | 3,869 | | | | | 340 | 19 | 340 | 19 | | |
| | H98 | 74 | 67,778 | 3,721 | | | | | 340 | 19 | 340 | 19 | | |
| | H99 | 75 | 67,778 | 3,577 | | | | | 340 | 18 | 340 | 18 | | |
| | H100 | 76 | 67,778 | 3,440 | | | | | 340 | 17 | 340 | 17 | | |
| 合計 | | | 4,081,037 | 861,690 | 570 | B= 862,260 | 42,392 | 24,750 | 33,348 | 10,217 | 75,740 | 34,967 | 24.7 | 827,293 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業:残工期+10%） 水系名：天竜川 河川名：天竜川 単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,247 | 1,199 | 0 | 0 | 1,247 | 1,199 | | |
| 整 | H26 | 2 | 1,364 | 1,261 | | | 1,247 | 1,153 | 859 | 795 | 2,106 | 1,948 | | |
| | H27 | 3 | 2,728 | 2,425 | | | 1,247 | 1,108 | 319 | 283 | 1,566 | 1,391 | | |
| 備 | H28 | 4 | 4,092 | 3,498 | | | 1,247 | 1,066 | 320 | 274 | 1,567 | 1,340 | | |
| | H29 | 5 | 5,456 | 4,484 | | | 1,247 | 1,025 | 321 | 263 | 1,568 | 1,288 | | |
| 期 | H30 | 6 | 6,820 | 5,390 | | | 1,247 | 985 | 323 | 255 | 1,570 | 1,240 | | |
| | H31 | 7 | 8,184 | 6,220 | | | 1,247 | 947 | 864 | 657 | 2,111 | 1,604 | | |
| 間 | H32 | 8 | 9,548 | 6,977 | | | 1,247 | 911 | 324 | 237 | 1,571 | 1,148 | | |
| | H33 | 9 | 10,912 | 7,667 | | | 1,247 | 876 | 325 | 228 | 1,572 | 1,104 | | |
| (29年) | H34 | 10 | 12,276 | 8,293 | | | 1,247 | 843 | 326 | 220 | 1,573 | 1,063 | | |
| | H35 | 11 | 13,641 | 8,861 | | | 1,247 | 810 | 327 | 213 | 1,574 | 1,023 | | |
| | H36 | 12 | 15,004 | 9,372 | | | 1,247 | 779 | 870 | 544 | 2,117 | 1,323 | | |
| | H37 | 13 | 16,369 | 9,831 | | | 1,725 | 1,036 | 329 | 198 | 2,054 | 1,234 | | |
| | H38 | 14 | 18,965 | 10,952 | | | 1,901 | 1,097 | 330 | 190 | 2,231 | 1,287 | | |
| | H39 | 15 | 22,016 | 12,224 | | | 1,901 | 1,056 | 330 | 183 | 2,231 | 1,239 | | |
| | H40 | 16 | 25,066 | 13,383 | | | 1,901 | 1,015 | 332 | 178 | 2,233 | 1,193 | | |
| | H41 | 17 | 28,118 | 14,435 | | | 1,901 | 976 | 873 | 448 | 2,774 | 1,424 | | |
| | H42 | 18 | 31,168 | 15,385 | | | 1,901 | 938 | 333 | 165 | 2,234 | 1,103 | | |
| | H43 | 19 | 34,219 | 16,242 | | | 1,901 | 902 | 333 | 158 | 2,234 | 1,060 | | |
| | H44 | 20 | 37,270 | 17,010 | | | 1,901 | 868 | 335 | 153 | 2,236 | 1,021 | | |
| | H45 | 21 | 40,321 | 17,694 | | | 1,901 | 835 | 335 | 147 | 2,236 | 982 | | |
| | H46 | 22 | 43,372 | 18,301 | | | 1,901 | 802 | 877 | 370 | 2,778 | 1,172 | | |
| | H47 | 23 | 46,422 | 18,834 | | | 1,901 | 771 | 336 | 136 | 2,237 | 907 | | |
| | H48 | 24 | 49,473 | 19,300 | | | 1,901 | 742 | 338 | 131 | 2,239 | 873 | | |
| | H49 | 25 | 52,524 | 19,702 | | | 1,901 | 713 | 338 | 127 | 2,239 | 840 | | |
| | H50 | 26 | 55,575 | 20,046 | | | 1,901 | 685 | 339 | 123 | 2,240 | 808 | | |
| | H51 | 27 | 58,625 | 20,332 | | | 1,901 | 659 | 881 | 306 | 2,782 | 965 | | |
| | H52 | 28 | 61,676 | 20,568 | | | 1,901 | 633 | 340 | 114 | 2,241 | 747 | | |
| | H53 | 29 | 64,727 | 20,755 | | | 1,901 | 609 | 340 | 109 | 2,241 | 718 | | |
| | H54 | 30 | 67,778 | 20,898 | | | | | 340 | 105 | 340 | 105 | | |
| | H55 | 31 | 67,778 | 20,093 | | | | | 340 | 100 | 340 | 100 | | |
| | H56 | 32 | 67,778 | 19,321 | | | | | 881 | 251 | 881 | 251 | | |
| | H57 | 33 | 67,778 | 18,578 | | | | | 340 | 93 | 340 | 93 | | |
| 施 | H58 | 34 | 67,778 | 17,863 | | | | | 340 | 90 | 340 | 90 | | |
| | H59 | 35 | 67,778 | 17,176 | | | | | 340 | 86 | 340 | 86 | | |
| 設 | H60 | 36 | 67,778 | 16,516 | | | | | 340 | 83 | 340 | 83 | | |
| | H61 | 37 | 67,778 | 15,880 | | | | | 881 | 207 | 881 | 207 | | |
| 完 | H62 | 38 | 67,778 | 15,270 | | | | | 340 | 76 | 340 | 76 | | |
| | H63 | 39 | 67,778 | 14,682 | | | | | 340 | 74 | 340 | 74 | | |
| 成 | H64 | 40 | 67,778 | 14,118 | | | | | 340 | 71 | 340 | 71 | | |
| | H65 | 41 | 67,778 | 13,574 | | | | | 340 | 68 | 340 | 68 | | |
| 後 | H66 | 42 | 67,778 | 13,053 | | | | | 881 | 169 | 881 | 169 | | |
| | H67 | 43 | 67,778 | 12,550 | | | | | 340 | 62 | 340 | 62 | | |
| の | H68 | 44 | 67,778 | 12,068 | | | | | 340 | 60 | 340 | 60 | | |
| | H69 | 45 | 67,778 | 11,603 | | | | | 340 | 58 | 340 | 58 | | |
| 評 | H70 | 46 | 67,778 | 11,158 | | | | | 341 | 56 | 341 | 56 | | |
| | H71 | 47 | 67,778 | 10,728 | | | | | 881 | 139 | 881 | 139 | | |
| 価 | H72 | 48 | 67,778 | 10,315 | | | | | 340 | 52 | 340 | 52 | | |
| | H73 | 49 | 67,778 | 9,919 | | | | | 340 | 50 | 340 | 50 | | |
| 期 | H74 | 50 | 67,778 | 9,537 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 67,778 | 9,170 | | | | | 340 | 46 | 340 | 46 | | |
| 間 | H76 | 52 | 67,778 | 8,818 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 67,778 | 8,479 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 67,778 | 8,152 | | | | | 340 | 41 | 340 | 41 | | |
| (50年) | H79 | 55 | 67,778 | 7,838 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 67,778 | 7,538 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 67,778 | 7,248 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 67,778 | 6,969 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 67,778 | 6,701 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 67,778 | 6,443 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 67,778 | 6,195 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 67,778 | 5,957 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 67,778 | 5,728 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 67,778 | 5,507 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 67,778 | 5,296 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 67,778 | 5,092 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 67,778 | 4,896 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 67,778 | 4,708 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 67,778 | 4,527 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 67,778 | 4,352 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 67,778 | 4,185 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 67,778 | 4,024 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 67,778 | 3,869 | | | | | 340 | 19 | 340 | 19 | | |
| | H98 | 74 | 67,778 | 3,721 | | | | | 340 | 19 | 340 | 19 | | |
| | H99 | 75 | 67,778 | 3,577 | | | | | 340 | 18 | 340 | 18 | | |
| | H100 | 76 | 67,778 | 3,440 | | | | | 340 | 17 | 340 | 17 | | |
| | H101 | 77 | 67,778 | 3,308 | | | | | 881 | 43 | 881 | 43 | | |
| | H102 | 78 | 67,778 | 3,181 | | | | | 340 | 16 | 340 | 16 | | |
| | H103 | 79 | 67,778 | 3,058 | | | | | 340 | 15 | 340 | 15 | | |
| 合計 | | | 4,164,831 | 816,319 | 563 | B= 816,882 | 47,101 | 26,039 | 34,909 | 10,291 | 82,010 | C= 36,330 | 22.5 | 780,552 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業:残工期-10%）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①＋② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①＋② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,572 | 1,511 | 0 | 0 | 1,572 | 1,511 | | |
| 整 | H26 | 2 | 1,720 | 1,590 | | | 1,572 | 1,453 | 859 | 795 | 2,431 | 2,248 | | |
| 備 | H27 | 3 | 3,440 | 3,059 | | | 1,572 | 1,397 | 319 | 283 | 1,891 | 1,680 | | |
| | H28 | 4 | 5,161 | 4,411 | | | 1,572 | 1,344 | 320 | 274 | 1,892 | 1,618 | | |
| 期 | H29 | 5 | 6,881 | 5,656 | | | 1,572 | 1,292 | 321 | 263 | 1,893 | 1,555 | | |
| | H30 | 6 | 8,601 | 6,797 | | | 1,572 | 1,243 | 323 | 255 | 1,895 | 1,498 | | |
| 間 | H31 | 7 | 10,321 | 7,843 | | | 1,572 | 1,194 | 864 | 657 | 2,436 | 1,851 | | |
| | H32 | 8 | 12,042 | 8,799 | | | 1,572 | 1,149 | 324 | 237 | 1,896 | 1,386 | | |
| | H33 | 9 | 13,762 | 9,669 | | | 1,572 | 1,105 | 325 | 228 | 1,897 | 1,333 | | |
| (23年) | H34 | 10 | 15,482 | 10,459 | | | 1,794 | 1,212 | 326 | 220 | 2,120 | 1,432 | | |
| | H35 | 11 | 17,775 | 11,546 | | | 2,396 | 1,556 | 327 | 213 | 2,723 | 1,769 | | |
| | H36 | 12 | 21,620 | 13,504 | | | 2,396 | 1,497 | 870 | 544 | 3,266 | 2,041 | | |
| | H37 | 13 | 25,465 | 15,294 | | | 2,396 | 1,439 | 329 | 198 | 2,725 | 1,637 | | |
| | H38 | 14 | 29,310 | 16,926 | | | 2,396 | 1,384 | 330 | 190 | 2,726 | 1,574 | | |
| | H39 | 15 | 33,156 | 18,410 | | | 2,396 | 1,330 | 330 | 183 | 2,726 | 1,513 | | |
| | H40 | 16 | 37,001 | 19,755 | | | 2,396 | 1,280 | 332 | 178 | 2,728 | 1,458 | | |
| | H41 | 17 | 40,847 | 20,970 | | | 2,396 | 1,230 | 873 | 448 | 3,269 | 1,678 | | |
| | H42 | 18 | 44,692 | 22,062 | | | 2,396 | 1,183 | 333 | 165 | 2,729 | 1,348 | | |
| | H43 | 19 | 48,538 | 23,038 | | | 2,397 | 1,138 | 333 | 158 | 2,730 | 1,296 | | |
| | H44 | 20 | 52,386 | 23,908 | | | 2,397 | 1,094 | 335 | 153 | 2,732 | 1,247 | | |
| | H45 | 21 | 56,234 | 24,678 | | | 2,397 | 1,052 | 335 | 147 | 2,732 | 1,199 | | |
| | H46 | 22 | 60,082 | 25,352 | | | 2,397 | 1,012 | 877 | 370 | 3,274 | 1,382 | | |
| | H47 | 23 | 63,930 | 25,938 | | | 2,397 | 973 | 336 | 136 | 2,733 | 1,109 | | |
| | H48 | 24 | 67,778 | 26,441 | | | | | 338 | 131 | 338 | 131 | | |
| | H49 | 25 | 67,778 | 25,425 | | | | | 338 | 127 | 338 | 127 | | |
| | H50 | 26 | 67,778 | 24,446 | | | | | 339 | 123 | 339 | 123 | | |
| | H51 | 27 | 67,778 | 23,507 | | | | | 881 | 306 | 881 | 306 | | |
| 施 | H52 | 28 | 67,778 | 22,603 | | | | | 340 | 114 | 340 | 114 | | |
| | H53 | 29 | 67,778 | 21,733 | | | | | 340 | 109 | 340 | 109 | | |
| 設 | H54 | 30 | 67,778 | 20,898 | | | | | 340 | 105 | 340 | 105 | | |
| | H55 | 31 | 67,778 | 20,093 | | | | | 340 | 100 | 340 | 100 | | |
| 完 | H56 | 32 | 67,778 | 19,321 | | | | | 881 | 251 | 881 | 251 | | |
| | H57 | 33 | 67,778 | 18,578 | | | | | 340 | 93 | 340 | 93 | | |
| 成 | H58 | 34 | 67,778 | 17,863 | | | | | 340 | 90 | 340 | 90 | | |
| | H59 | 35 | 67,778 | 17,176 | | | | | 340 | 86 | 340 | 86 | | |
| 後 | H60 | 36 | 67,778 | 16,516 | | | | | 340 | 83 | 340 | 83 | | |
| | H61 | 37 | 67,778 | 15,880 | | | | | 881 | 207 | 881 | 207 | | |
| の | H62 | 38 | 67,778 | 15,270 | | | | | 340 | 76 | 340 | 76 | | |
| | H63 | 39 | 67,778 | 14,682 | | | | | 340 | 74 | 340 | 74 | | |
| 評 | H64 | 40 | 67,778 | 14,118 | | | | | 340 | 71 | 340 | 71 | | |
| | H65 | 41 | 67,778 | 13,574 | | | | | 340 | 68 | 340 | 68 | | |
| 価 | H66 | 42 | 67,778 | 13,053 | | | | | 881 | 169 | 881 | 169 | | |
| | H67 | 43 | 67,778 | 12,550 | | | | | 340 | 62 | 340 | 62 | | |
| 期 | H68 | 44 | 67,778 | 12,068 | | | | | 340 | 60 | 340 | 60 | | |
| | H69 | 45 | 67,778 | 11,603 | | | | | 340 | 58 | 340 | 58 | | |
| 間 | H70 | 46 | 67,778 | 11,158 | | | | | 341 | 56 | 341 | 56 | | |
| | H71 | 47 | 67,778 | 10,728 | | | | | 881 | 139 | 881 | 139 | | |
| | H72 | 48 | 67,778 | 10,315 | | | | | 340 | 52 | 340 | 52 | | |
| (50年) | H73 | 49 | 67,778 | 9,919 | | | | | 340 | 50 | 340 | 50 | | |
| | H74 | 50 | 67,778 | 9,537 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 67,778 | 9,170 | | | | | 340 | 46 | 340 | 46 | | |
| | H76 | 52 | 67,778 | 8,818 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 67,778 | 8,479 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 67,778 | 8,152 | | | | | 340 | 41 | 340 | 41 | | |
| | H79 | 55 | 67,778 | 7,838 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 67,778 | 7,538 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 67,778 | 7,248 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 67,778 | 6,969 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 67,778 | 6,701 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 67,778 | 6,443 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 67,778 | 6,195 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 67,778 | 5,957 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 67,778 | 5,728 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 67,778 | 5,507 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 67,778 | 5,296 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 67,778 | 5,092 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 67,778 | 4,896 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 67,778 | 4,708 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 67,778 | 4,527 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 67,778 | 4,352 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 67,778 | 4,185 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 67,778 | 4,024 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 67,778 | 3,869 | | | | | 340 | 19 | 340 | 19 | | |
| 合計 | | | 3,997,346 | 910,411 | 712 | B= 911,123 | 47,101 | 29,068 | 32,328 | 10,163 | 79,429 | C= 39,231 | 23.2 | 871,892 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業:残資産+10%）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①＋② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①＋② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,391 | 1,338 | 0 | 0 | 1,391 | 1,338 | | |
| 整 | H26 | 2 | 1,669 | 1,543 | | | 1,391 | 1,286 | 859 | 795 | 2,250 | 2,081 | | |
| | H27 | 3 | 3,339 | 2,968 | | | 1,391 | 1,236 | 319 | 283 | 1,710 | 1,519 | | |
| 備 | H28 | 4 | 5,008 | 4,281 | | | 1,391 | 1,189 | 320 | 274 | 1,711 | 1,463 | | |
| | H29 | 5 | 6,676 | 5,487 | | | 1,391 | 1,143 | 321 | 263 | 1,712 | 1,406 | | |
| 期 | H30 | 6 | 8,345 | 6,595 | | | 1,391 | 1,099 | 323 | 255 | 1,714 | 1,354 | | |
| | H31 | 7 | 10,015 | 7,610 | | | 1,391 | 1,057 | 864 | 657 | 2,255 | 1,714 | | |
| 間 | H32 | 8 | 11,684 | 8,538 | | | 1,391 | 1,016 | 324 | 237 | 1,715 | 1,253 | | |
| | H33 | 9 | 13,353 | 9,382 | | | 1,391 | 977 | 325 | 228 | 1,716 | 1,205 | | |
| (26年) | H34 | 10 | 15,022 | 10,149 | | | 1,391 | 940 | 326 | 220 | 1,717 | 1,160 | | |
| | H35 | 11 | 16,691 | 10,842 | | | 1,391 | 904 | 327 | 213 | 1,718 | 1,117 | | |
| | H36 | 12 | 18,360 | 11,468 | | | 2,120 | 1,325 | 870 | 544 | 2,990 | 1,869 | | |
| | H37 | 13 | 22,091 | 13,268 | | | 2,120 | 1,273 | 329 | 198 | 2,449 | 1,471 | | |
| | H38 | 14 | 25,821 | 14,911 | | | 2,120 | 1,225 | 330 | 190 | 2,450 | 1,415 | | |
| | H39 | 15 | 29,552 | 16,410 | | | 2,120 | 1,177 | 330 | 183 | 2,450 | 1,360 | | |
| | H40 | 16 | 33,282 | 17,769 | | | 2,120 | 1,132 | 332 | 178 | 2,452 | 1,310 | | |
| | H41 | 17 | 37,012 | 19,001 | | | 2,120 | 1,088 | 873 | 448 | 2,993 | 1,536 | | |
| | H42 | 18 | 40,743 | 20,112 | | | 2,120 | 1,047 | 333 | 165 | 2,453 | 1,212 | | |
| | H43 | 19 | 44,474 | 21,109 | | | 2,120 | 1,006 | 333 | 158 | 2,453 | 1,164 | | |
| | H44 | 20 | 48,204 | 21,999 | | | 2,120 | 968 | 335 | 153 | 2,455 | 1,121 | | |
| | H45 | 21 | 51,934 | 22,790 | | | 2,120 | 930 | 335 | 147 | 2,455 | 1,077 | | |
| | H46 | 22 | 55,665 | 23,488 | | | 2,120 | 895 | 877 | 370 | 2,997 | 1,265 | | |
| | H47 | 23 | 59,396 | 24,099 | | | 2,120 | 861 | 336 | 136 | 2,456 | 997 | | |
| | H48 | 24 | 63,126 | 24,626 | | | 2,120 | 827 | 338 | 131 | 2,458 | 958 | | |
| | H49 | 25 | 66,856 | 25,079 | | | 2,120 | 795 | 338 | 127 | 2,458 | 922 | | |
| | H50 | 26 | 70,587 | 25,460 | | | 2,120 | 765 | 339 | 123 | 2,459 | 888 | | |
| | H51 | 27 | 74,315 | 25,774 | | | | | 881 | 306 | 881 | 306 | | |
| | H52 | 28 | 74,315 | 24,782 | | | | | 340 | 114 | 340 | 114 | | |
| | H53 | 29 | 74,315 | 23,829 | | | | | 340 | 109 | 340 | 109 | | |
| | H54 | 30 | 74,315 | 22,912 | | | | | 340 | 105 | 340 | 105 | | |
| 施 | H55 | 31 | 74,315 | 22,032 | | | | | 340 | 100 | 340 | 100 | | |
| | H56 | 32 | 74,315 | 21,184 | | | | | 881 | 251 | 881 | 251 | | |
| 設 | H57 | 33 | 74,315 | 20,369 | | | | | 340 | 93 | 340 | 93 | | |
| | H58 | 34 | 74,315 | 19,586 | | | | | 340 | 90 | 340 | 90 | | |
| 完 | H59 | 35 | 74,315 | 18,833 | | | | | 340 | 86 | 340 | 86 | | |
| | H60 | 36 | 74,315 | 18,108 | | | | | 340 | 83 | 340 | 83 | | |
| 成 | H61 | 37 | 74,315 | 17,412 | | | | | 881 | 207 | 881 | 207 | | |
| | H62 | 38 | 74,315 | 16,742 | | | | | 340 | 76 | 340 | 76 | | |
| 後 | H63 | 39 | 74,315 | 16,098 | | | | | 340 | 74 | 340 | 74 | | |
| | H64 | 40 | 74,315 | 15,479 | | | | | 340 | 71 | 340 | 71 | | |
| の | H65 | 41 | 74,315 | 14,883 | | | | | 340 | 68 | 340 | 68 | | |
| | H66 | 42 | 74,315 | 14,311 | | | | | 881 | 169 | 881 | 169 | | |
| 評 | H67 | 43 | 74,315 | 13,761 | | | | | 340 | 62 | 340 | 62 | | |
| | H68 | 44 | 74,315 | 13,232 | | | | | 340 | 60 | 340 | 60 | | |
| 価 | H69 | 45 | 74,315 | 12,722 | | | | | 340 | 58 | 340 | 58 | | |
| | H70 | 46 | 74,315 | 12,234 | | | | | 341 | 56 | 341 | 56 | | |
| 期 | H71 | 47 | 74,315 | 11,763 | | | | | 881 | 139 | 881 | 139 | | |
| | H72 | 48 | 74,315 | 11,310 | | | | | 340 | 52 | 340 | 52 | | |
| 間 | H73 | 49 | 74,315 | 10,875 | | | | | 340 | 50 | 340 | 50 | | |
| | H74 | 50 | 74,315 | 10,457 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 74,315 | 10,055 | | | | | 340 | 46 | 340 | 46 | | |
| (50年) | H76 | 52 | 74,315 | 9,668 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 74,315 | 9,296 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 74,315 | 8,938 | | | | | 340 | 41 | 340 | 41 | | |
| | H79 | 55 | 74,315 | 8,595 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 74,315 | 8,264 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 74,315 | 7,947 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 74,315 | 7,640 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 74,315 | 7,347 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 74,315 | 7,064 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 74,315 | 6,793 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 74,315 | 6,531 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 74,315 | 6,280 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 74,315 | 6,038 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 74,315 | 5,807 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 74,315 | 5,583 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 74,315 | 5,368 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 74,315 | 5,162 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 74,315 | 4,963 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 74,315 | 4,772 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 74,315 | 4,589 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 74,315 | 4,412 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 74,315 | 4,243 | | | | | 340 | 19 | 340 | 19 | | |
| | H98 | 74 | 74,315 | 4,079 | | | | | 340 | 19 | 340 | 19 | | |
| | H99 | 75 | 74,315 | 3,922 | | | | | 340 | 18 | 340 | 18 | | |
| | H100 | 76 | 74,315 | 3,772 | | | | | 340 | 17 | 340 | 17 | | |
| 合計 | | | 4,474,655 | 944,800 | 633 | B= 945,433 | 47,101 | 27,499 | 33,348 | 10,217 | 80,449 | 37,716 | 25.1 | 907,717 |

様式－5 費用対便益 （天竜川直轄河川改修事業 残事業:残資産-10%）　　水系名：天竜川　　河川名：天竜川　　単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①＋② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①＋② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | H25 | 1 | 0 | 0 | | | 1,391 | 1,338 | 0 | 0 | 1,391 | 1,338 | | |
| 整 | H26 | 2 | 1,375 | 1,271 | | | 1,391 | 1,286 | 859 | 795 | 2,250 | 2,081 | | |
| | H27 | 3 | 2,751 | 2,445 | | | 1,391 | 1,236 | 319 | 283 | 1,710 | 1,519 | | |
| 備 | H28 | 4 | 4,126 | 3,527 | | | 1,391 | 1,189 | 320 | 274 | 1,711 | 1,463 | | |
| | H29 | 5 | 5,502 | 4,522 | | | 1,391 | 1,143 | 321 | 263 | 1,712 | 1,406 | | |
| 期 | H30 | 6 | 6,877 | 5,435 | | | 1,391 | 1,099 | 323 | 255 | 1,714 | 1,354 | | |
| | H31 | 7 | 8,252 | 6,270 | | | 1,391 | 1,057 | 864 | 657 | 2,255 | 1,714 | | |
| 間 | H32 | 8 | 9,628 | 7,035 | | | 1,391 | 1,016 | 324 | 237 | 1,715 | 1,253 | | |
| | H33 | 9 | 11,003 | 7,730 | | | 1,391 | 977 | 325 | 228 | 1,716 | 1,205 | | |
| (26年) | H34 | 10 | 12,379 | 8,363 | | | 1,391 | 940 | 326 | 220 | 1,717 | 1,160 | | |
| | H35 | 11 | 13,754 | 8,934 | | | 1,391 | 904 | 327 | 213 | 1,718 | 1,117 | | |
| | H36 | 12 | 15,129 | 9,449 | | | 2,120 | 1,325 | 870 | 544 | 2,990 | 1,869 | | |
| | H37 | 13 | 18,203 | 10,932 | | | 2,120 | 1,273 | 329 | 198 | 2,449 | 1,471 | | |
| | H38 | 14 | 21,278 | 12,288 | | | 2,120 | 1,225 | 330 | 190 | 2,450 | 1,415 | | |
| | H39 | 15 | 24,352 | 13,522 | | | 2,120 | 1,177 | 330 | 183 | 2,450 | 1,360 | | |
| | H40 | 16 | 27,427 | 14,643 | | | 2,120 | 1,132 | 332 | 178 | 2,452 | 1,310 | | |
| | H41 | 17 | 30,501 | 15,658 | | | 2,120 | 1,088 | 873 | 448 | 2,993 | 1,536 | | |
| | H42 | 18 | 33,576 | 16,574 | | | 2,120 | 1,047 | 333 | 165 | 2,453 | 1,212 | | |
| | H43 | 19 | 36,651 | 17,396 | | | 2,120 | 1,006 | 333 | 158 | 2,453 | 1,164 | | |
| | H44 | 20 | 39,725 | 18,130 | | | 2,120 | 968 | 335 | 153 | 2,455 | 1,121 | | |
| | H45 | 21 | 42,800 | 18,782 | | | 2,120 | 930 | 335 | 147 | 2,455 | 1,077 | | |
| | H46 | 22 | 45,874 | 19,356 | | | 2,120 | 895 | 877 | 370 | 2,997 | 1,265 | | |
| | H47 | 23 | 48,949 | 19,860 | | | 2,120 | 861 | 336 | 136 | 2,456 | 997 | | |
| | H48 | 24 | 52,024 | 20,296 | | | 2,120 | 827 | 338 | 131 | 2,458 | 958 | | |
| | H49 | 25 | 55,098 | 20,668 | | | 2,120 | 795 | 338 | 127 | 2,458 | 922 | | |
| | H50 | 26 | 58,173 | 20,982 | | | 2,120 | 765 | 339 | 123 | 2,459 | 888 | | |
| | H51 | 27 | 61,245 | 21,241 | | | | | 881 | 306 | 881 | 306 | | |
| | H52 | 28 | 61,245 | 20,423 | | | | | 340 | 114 | 340 | 114 | | |
| | H53 | 29 | 61,245 | 19,638 | | | | | 340 | 109 | 340 | 109 | | |
| | H54 | 30 | 61,245 | 18,883 | | | | | 340 | 105 | 340 | 105 | | |
| 施 | H55 | 31 | 61,245 | 18,156 | | | | | 340 | 100 | 340 | 100 | | |
| | H56 | 32 | 61,245 | 17,458 | | | | | 881 | 251 | 881 | 251 | | |
| 設 | H57 | 33 | 61,245 | 16,787 | | | | | 340 | 93 | 340 | 93 | | |
| | H58 | 34 | 61,245 | 16,142 | | | | | 340 | 90 | 340 | 90 | | |
| 完 | H59 | 35 | 61,245 | 15,520 | | | | | 340 | 86 | 340 | 86 | | |
| | H60 | 36 | 61,245 | 14,923 | | | | | 340 | 83 | 340 | 83 | | |
| 成 | H61 | 37 | 61,245 | 14,349 | | | | | 881 | 207 | 881 | 207 | | |
| | H62 | 38 | 61,245 | 13,798 | | | | | 340 | 76 | 340 | 76 | | |
| 後 | H63 | 39 | 61,245 | 13,267 | | | | | 340 | 74 | 340 | 74 | | |
| | H64 | 40 | 61,245 | 12,757 | | | | | 340 | 71 | 340 | 71 | | |
| の | H65 | 41 | 61,245 | 12,266 | | | | | 340 | 68 | 340 | 68 | | |
| | H66 | 42 | 61,245 | 11,794 | | | | | 881 | 169 | 881 | 169 | | |
| 評 | H67 | 43 | 61,245 | 11,341 | | | | | 340 | 62 | 340 | 62 | | |
| | H68 | 44 | 61,245 | 10,904 | | | | | 340 | 60 | 340 | 60 | | |
| 価 | H69 | 45 | 61,245 | 10,485 | | | | | 340 | 58 | 340 | 58 | | |
| | H70 | 46 | 61,245 | 10,082 | | | | | 341 | 56 | 341 | 56 | | |
| 期 | H71 | 47 | 61,245 | 9,694 | | | | | 881 | 139 | 881 | 139 | | |
| | H72 | 48 | 61,245 | 9,321 | | | | | 340 | 52 | 340 | 52 | | |
| 間 | H73 | 49 | 61,245 | 8,963 | | | | | 340 | 50 | 340 | 50 | | |
| | H74 | 50 | 61,245 | 8,618 | | | | | 340 | 48 | 340 | 48 | | |
| | H75 | 51 | 61,245 | 8,287 | | | | | 340 | 46 | 340 | 46 | | |
| (50年) | H76 | 52 | 61,245 | 7,968 | | | | | 881 | 115 | 881 | 115 | | |
| | H77 | 53 | 61,245 | 7,661 | | | | | 340 | 43 | 340 | 43 | | |
| | H78 | 54 | 61,245 | 7,367 | | | | | 340 | 41 | 340 | 41 | | |
| | H79 | 55 | 61,245 | 7,083 | | | | | 340 | 40 | 340 | 40 | | |
| | H80 | 56 | 61,245 | 6,811 | | | | | 340 | 38 | 340 | 38 | | |
| | H81 | 57 | 61,245 | 6,549 | | | | | 881 | 94 | 881 | 94 | | |
| | H82 | 58 | 61,245 | 6,297 | | | | | 340 | 35 | 340 | 35 | | |
| | H83 | 59 | 61,245 | 6,055 | | | | | 340 | 33 | 340 | 33 | | |
| | H84 | 60 | 61,245 | 5,822 | | | | | 340 | 33 | 340 | 33 | | |
| | H85 | 61 | 61,245 | 5,598 | | | | | 340 | 31 | 340 | 31 | | |
| | H86 | 62 | 61,245 | 5,383 | | | | | 881 | 77 | 881 | 77 | | |
| | H87 | 63 | 61,245 | 5,175 | | | | | 340 | 29 | 340 | 29 | | |
| | H88 | 64 | 61,245 | 4,977 | | | | | 340 | 28 | 340 | 28 | | |
| | H89 | 65 | 61,245 | 4,786 | | | | | 340 | 26 | 340 | 26 | | |
| | H90 | 66 | 61,245 | 4,601 | | | | | 341 | 26 | 341 | 26 | | |
| | H91 | 67 | 61,245 | 4,424 | | | | | 881 | 64 | 881 | 64 | | |
| | H92 | 68 | 61,245 | 4,254 | | | | | 340 | 24 | 340 | 24 | | |
| | H93 | 69 | 61,245 | 4,091 | | | | | 340 | 23 | 340 | 23 | | |
| | H94 | 70 | 61,245 | 3,934 | | | | | 340 | 22 | 340 | 22 | | |
| | H95 | 71 | 61,245 | 3,782 | | | | | 340 | 21 | 340 | 21 | | |
| | H96 | 72 | 61,245 | 3,636 | | | | | 881 | 52 | 881 | 52 | | |
| | H97 | 73 | 61,245 | 3,497 | | | | | 340 | 19 | 340 | 19 | | |
| | H98 | 74 | 61,245 | 3,362 | | | | | 340 | 19 | 340 | 19 | | |
| | H99 | 75 | 61,245 | 3,233 | | | | | 340 | 18 | 340 | 18 | | |
| | H100 | 76 | 61,245 | 3,108 | | | | | 340 | 17 | 340 | 17 | | |
| 合計 | | | 3,687,657 | 778,619 | 633 | B= 779,252 | 47,101 | 27,499 | 33,348 | 10,217 | 80,449 | 37,716 | 20.7 | 741,536 |

様式－5 費用対便益（天竜川直轄河川改修事業 当面の段階的な整備事業） 水系名：天竜川　　河川名：天竜川

単位:百万円

| 年次 | 年度 | t | 便益 | | | | 費用 | | | | | | 費用便益比 | 純現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | ② | 計 | 建設費① | | 維持管理費② | | ①+② | | | |
| | | | 便益 | 現在価値 | 残存価値 | ①+② | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | B／C | B－C |
| | H24 | 0 | | | | | | | | | | | | |
| | H25 | 1 | 0 | 0 | | | 500 | 481 | 0 | 0 | 500 | 481 | | |
| | H26 | 2 | 1,350 | 1,248 | | | 1,488 | 1,375 | 99 | 92 | 1587 | 1467 | | |
| 〜整 | H27 | 3 | 2,978 | 2,647 | | | 1,488 | 1,322 | 103 | 92 | 1591 | 1414 | | |
| 9備 | H28 | 4 | 4,606 | 3,937 | | | 1,488 | 1,272 | 104 | 88 | 1592 | 1360 | | |
| 年期 | H29 | 5 | 6,235 | 5,125 | | | 1,488 | 1,223 | 104 | 85 | 1592 | 1308 | | |
| 〜間 | H30 | 6 | 7,863 | 6,214 | | | 1,487 | 1,175 | 105 | 83 | 1592 | 1258 | | |
| | H31 | 7 | 9,491 | 7,213 | | | 500 | 380 | 116 | 88 | 616 | 468 | | |
| | H32 | 8 | 10,841 | 7,922 | | | 500 | 365 | 106 | 78 | 606 | 443 | | |
| | H33 | 9 | 12,190 | 8,565 | | | 500 | 351 | 106 | 75 | 606 | 426 | | |
| | H34 | 10 | 13,540 | 9,147 | | | | | 107 | 73 | 107 | 73 | | |
| | H35 | 11 | 13,540 | 8,795 | | | | | 107 | 70 | 107 | 70 | | |
| | H36 | 12 | 13,540 | 8,457 | | | | | 118 | 73 | 118 | 73 | | |
| | H37 | 13 | 13,540 | 8,132 | | | | | 107 | 64 | 107 | 64 | | |
| 施 | H38 | 14 | 13,540 | 7,819 | | | | | 107 | 61 | 107 | 61 | | |
| | H39 | 15 | 13,540 | 7,518 | | | | | 107 | 59 | 107 | 59 | | |
| 設 | H40 | 16 | 13,540 | 7,229 | | | | | 107 | 57 | 107 | 57 | | |
| | H41 | 17 | 13,540 | 6,951 | | | | | 118 | 61 | 118 | 61 | | |
| 完 | H42 | 18 | 13,540 | 6,684 | | | | | 107 | 53 | 107 | 53 | | |
| | H43 | 19 | 13,540 | 6,426 | | | | | 107 | 51 | 107 | 51 | | |
| 成 | H44 | 20 | 13,540 | 6,180 | | | | | 107 | 49 | 107 | 49 | | |
| | H45 | 21 | 13,540 | 5,942 | | | | | 107 | 47 | 107 | 47 | | |
| 後 | H46 | 22 | 13,540 | 5,713 | | | | | 118 | 49 | 118 | 49 | | |
| | H47 | 23 | 13,540 | 5,493 | | | | | 108 | 44 | 108 | 44 | | |
| の | H48 | 24 | 13,540 | 5,282 | | | | | 108 | 42 | 108 | 42 | | |
| | H49 | 25 | 13,540 | 5,080 | | | | | 108 | 41 | 108 | 41 | | |
| 評 | H50 | 26 | 13,540 | 4,883 | | | | | 108 | 39 | 108 | 39 | | |
| | H51 | 27 | 13,540 | 4,696 | | | | | 118 | 41 | 118 | 41 | | |
| 価 | H52 | 28 | 13,540 | 4,516 | | | | | 108 | 36 | 108 | 36 | | |
| | H53 | 29 | 13,540 | 4,342 | | | | | 108 | 35 | 108 | 35 | | |
| 期 | H54 | 30 | 13,540 | 4,174 | | | | | 108 | 34 | 108 | 34 | | |
| | H55 | 31 | 13,540 | 4,014 | | | | | 108 | 32 | 108 | 32 | | |
| 間 | H56 | 32 | 13,540 | 3,860 | | | | | 118 | 33 | 118 | 33 | | |
| | H57 | 33 | 13,540 | 3,711 | | | | | 108 | 29 | 108 | 29 | | |
| | H58 | 34 | 13,540 | 3,568 | | | | | 108 | 28 | 108 | 28 | | |
| (50年) | H59 | 35 | 13,540 | 3,431 | | | | | 108 | 27 | 108 | 27 | | |
| | H60 | 36 | 13,540 | 3,299 | | | | | 108 | 26 | 108 | 26 | | |
| | H61 | 37 | 13,540 | 3,172 | | | | | 118 | 28 | 118 | 28 | | |
| | H62 | 38 | 13,540 | 3,051 | | | | | 108 | 24 | 108 | 24 | | |
| | H63 | 39 | 13,540 | 2,933 | | | | | 108 | 23 | 108 | 23 | | |
| | H64 | 40 | 13,540 | 2,820 | | | | | 108 | 22 | 108 | 22 | | |
| | H65 | 41 | 13,540 | 2,712 | | | | | 108 | 22 | 108 | 22 | | |
| | H66 | 42 | 13,540 | 2,607 | | | | | 118 | 23 | 118 | 23 | | |
| | H67 | 43 | 13,540 | 2,507 | | | | | 108 | 20 | 108 | 20 | | |
| | H68 | 44 | 13,540 | 2,411 | | | | | 108 | 19 | 108 | 19 | | |
| | H69 | 45 | 13,540 | 2,318 | | | | | 108 | 19 | 108 | 19 | | |
| | H70 | 46 | 13,540 | 2,229 | | | | | 108 | 18 | 108 | 18 | | |
| | H71 | 47 | 13,540 | 2,143 | | | | | 118 | 18 | 118 | 18 | | |
| | H72 | 48 | 13,540 | 2,061 | | | | | 108 | 17 | 108 | 17 | | |
| | H73 | 49 | 13,540 | 1,982 | | | | | 108 | 16 | 108 | 16 | | |
| | H74 | 50 | 13,540 | 1,905 | | | | | 108 | 15 | 108 | 15 | | |
| | H75 | 51 | 13,540 | 1,831 | | | | | 108 | 15 | 108 | 15 | | |
| | H76 | 52 | 13,540 | 1,761 | | | | | 118 | 15 | 118 | 15 | | |
| | H77 | 53 | 13,540 | 1,694 | | | | | 108 | 14 | 108 | 14 | | |
| | H78 | 54 | 13,540 | 1,629 | | | | | 108 | 13 | 108 | 13 | | |
| | H79 | 55 | 13,540 | 1,566 | | | | | 108 | 13 | 108 | 13 | | |
| | H80 | 56 | 13,540 | 1,506 | | | | | 108 | 12 | 108 | 12 | | |
| | H81 | 57 | 12,147 | 1,299 | | | | | 103 | 11 | 103 | 11 | | |
| | H82 | 58 | 12,147 | 1,249 | | | | | 103 | 11 | 103 | 11 | | |
| | H83 | 59 | 12,147 | 1,201 | | | | | 103 | 10 | 103 | 10 | | |
| 合計 | | | 728,375 | 246,800 | 263 | B= 247,063 | 9,439 | 7,944 | 6,308 | 2,333 | 15,747 | C= 10,277 | 24.0 | 236,786 |

# 事業費の内訳書

## 河川事業

| 事業名 | 天竜川直轄河川改修事業 （全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | 平成24年度 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 計 | | | | | 29,297 | |
| | 本工事費 | | | | 20,729 | |
| | | 河道掘削 | 千m3 | 4,968 | 10,399 | |
| | | 樹木伐開 | ha | 167 | 933 | |
| | | 堤防強化（堤防整備） | m3 | 667,568 | 1,669 | |
| | | 堤防強化（特殊堤整備） | m | 2,492 | 559 | |
| | | 堤防強化（高水敷整備） | m3 | 185,048 | 203 | |
| | | 堤防強化（護岸整備） | m2 | 11,863 | 297 | |
| | | 堤防強化（浸透対策） | m | 5,513 | 1,797 | |
| | | 急流対策（護岸・基礎工） | m2 | 129,328 | 2,406 | |
| | | 急流対策（根固工） | m | 11,380 | 947 | |
| | | 扇頂部高水敷護岸 | m2 | 38,837 | 971 | |
| | | 扇頂部浸透対策 | m | 3,800 | 308 | |
| | | 水制工 | 基 | 20 | 240 | |
| | 付帯工事費 | | | | 908 | |
| | | 橋梁（補強・架替・雑工） | 橋 | 6 | 540 | |
| | | 堰改築 | 基 | - | - | |
| | | 樋門・樋管 | 基 | 3 | 300 | |
| | | 床止工 | m2 | 3,509 | 68 | |
| | 危機管理対策 | | 式 | 1 | 1,092 | 河川防災ステーション等の整備、広域防災ネットワークの構築 |
| | 激特事業 | | 式 | 1 | 6,568 | 築堤、護岸、根固め、河道掘削、河川監視カメラ、土壌分析、井戸枯れ対策、防塵対策、市町村道の補修 |
| 用地費及補償費 | | | | | 1,807 | |
| | 用地補償（宅地・農地） | | ha | | 1,026 | |
| | 建物補償（工場・家屋） | | 戸・棟 | | 630 | |
| | 水防拠点整備（激特事業） | | 箇所 | | 98 | |
| | 用地取得（激特事業） | | ha | | 53 | |
| 間接経費 | | | | | 14,686 | |
| 工事諸費 | | | | | 22,762 | |
| 事業費 計 | | | | | 68,552 | |

| 維持管理費 | 式 | 1 | 69,376 | 河道維持掘削、樹木伐採、護岸修繕等 |
|---|---|---|---|---|

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 天竜川直轄河川改修事業 （残事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | 平成24年度 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 計 | | | | | 16,690 | |
| | 本工事費 | | | | 14,878 | |
| | | 河道掘削 | 千m3 | 3,889 | 8,135 | |
| | | 樹木伐開 | ha | 19 | 123 | |
| | | 堤防強化（堤防整備） | m3 | 664,992 | 1,663 | |
| | | 堤防強化（特殊堤整備） | m | 2,301 | 416 | |
| | | 堤防強化（高水敷整備） | m3 | 185,048 | 203 | |
| | | 堤防強化（護岸整備） | m2 | 11,863 | 297 | |
| | | 堤防強化（浸透対策） | m | 2,624 | 1,049 | |
| | | 急流対策（護岸・基礎工） | m2 | 64,604 | 1,202 | |
| | | 急流対策（根固工） | m | 4,445 | 371 | |
| | | 扇頂部高水敷護岸 | m2 | 38,837 | 971 | |
| | | 扇頂部浸透対策 | m | 3,000 | 244 | |
| | | 水制工 | 基 | 17 | 204 | |
| | 付帯工事費 | | | | 818 | |
| | | 橋梁（補強・架替・雑工） | 橋 | 5 | 450 | |
| | | 堰改築 | 基 | - | - | |
| | | 樋門・樋管 | 基 | 3 | 300 | |
| | | 床止工 | m2 | 3,509 | 68 | |
| | 危機管理対策 | | 式 | 1 | 994 | 河川防災ステーション等の整備、広域防災ネットワークの構築 |
| | 激特事業 | | 式 | 0 | 0 | 築堤、護岸、根固め、河道掘削、河川監視カメラ、土壌分析、井戸枯れ対策、防塵対策、市町村道の補修 |
| 用地費及補償費 | | | | | 1,582 | |
| | 用地補償（宅地・農地） | | ha | | 1,026 | |
| | 建物補償（工場・家屋） | | 戸・棟 | | 556 | |
| | 水防拠点整備（激特事業） | | 箇所 | | 0 | |
| | 用地取得（激特事業） | | ha | | 0 | |
| 間接経費 | | | | | 10,411 | |
| 工事諸費 | | | | | 18,418 | |
| 事業費 計 | | | | | 47,101 | |

| | | | | |
|---|---|---|---|---|
| 維持管理費 | 式 | 1 | 33,348 | 河道維持掘削、樹木伐採、護岸修繕等 |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 天竜川直轄河川改修事業（当面の段階的な整備事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | 平成24年度 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価）の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 計 | | | | | 3,734 | |
| | 本工事費 | | | | 3,499 | |
| | | 河道掘削 | 千m3 | 1,193 | 1,991 | |
| | | 樹木伐開 | ha | 2 | 33 | |
| | | 堤防強化（堤防整備） | m3 | 42,282 | 106 | |
| | | 堤防強化（特殊堤整備） | m | 0 | 0 | |
| | | 堤防強化（高水敷整備） | m3 | 0 | 0 | |
| | | 堤防強化（護岸整備） | m2 | 1,678 | 42 | |
| | | 堤防強化（浸透対策） | m | 611 | 244 | |
| | | 急流対策（護岸・基礎工） | m2 | 20,167 | 360 | |
| | | 急流対策（根固工） | m | 1,515 | 122 | |
| | | 扇頂部高水敷護岸 | m2 | 9,479 | 237 | |
| | | 扇頂部浸透対策 | m | 3,000 | 283 | |
| | | 水制工 | 基 | 7 | 81 | |
| | 付帯工事費 | | | | 199 | |
| | | 橋梁（補強・架替・雑工） | 橋 | 1 | 199 | |
| | | 堰改築 | 基 | 0 | 0 | |
| | | 樋門・樋管 | 基 | 0 | 0 | |
| | | 床止工 | m2 | 0 | 0 | |
| | 危機管理対策 | | 式 | 1 | 36 | 河川防災ステーション等の整備、広域防災ネットワークの構築 |
| | 激特事業 | | 式 | 0 | 0 | 築堤、護岸、根固め、河道掘削、河川監視カメラ、土壌分析、井戸枯れ対策、防塵対策、市町村道の補修 |
| 用地費及補償費 | | | | | 0 | |
| | 用地補償（宅地・農地） | | ha | | 0 | |
| | 建物補償（工場・家屋） | | 戸・棟 | | 0 | |
| | 水防拠点整備（激特事業） | | 箇所 | | 0 | |
| | 用地取得（激特事業） | | ha | | 0 | |
| 間接経費 | | | | | 2,238 | |
| 工事諸費 | | | | | 3,467 | |
| 事業費 計 | | | | | 9,439 | |

| 維持管理費 | 式 | 1 | 6,308 | 河道維持掘削、樹木伐採、護岸修繕等 |
|---|---|---|---|---|

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 天竜川直轄河川改修編事業　　（全体維持管理費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24年度 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | | 27,447 | |
| | 維持的経費 | | 式 | | 26,978 | |
| | | 堤防除草 | 式 | 1 | 373 | |
| | | 堤防天端補修 | 式 | | | |
| | | 維持掘削 | 式 | 1 | 11,676 | |
| | | 樹木伐開 | 式 | 1 | 14,929 | |
| | | 高水敷整正 | 式 | | | |
| | | 水防巡視 | 式 | | | |
| | | 側帯整備 | 式 | | | |
| | | 緊急維持 | 式 | | | |
| | | 管理施設維持 | 式 | | | |
| | 修繕的経費 | | 式 | | 469 | |
| | | 護岸修繕 | 式 | 1 | 468 | |
| | | 水閘門修繕 | 式 | | | |
| | | IT関連修繕 | 式 | | | |
| | | 管理施設等修繕 | 式 | 1 | 1 | |
| | | 障害物除去 | 式 | | | |
| | | その他 | 式 | | | |
| 用地費及補償費 | | | 式 | | 0 | |
| | 用地費 | | $m^2$ | 0 | 0 | |
| | 補償費 | | 式 | 0 | 0 | |
| 間接経費 | | | 式 | 1 | 16,468 | |
| 工事諸費 | | | 式 | 1 | 25,461 | |
| 事業費　計 | | | 式 | 1 | 69,376 | |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 天竜川直轄河川改修編事業　　（残事業維持管理費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24年度 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | | 13,204 | |
| | 維持的経費 | | 式 | | 12,751 | |
| | | 堤防除草 | 式 | 1 | 346 | |
| | | 堤防天端補修 | 式 | | | |
| | | 維持掘削 | 式 | 1 | 9,216 | |
| | | 樹木伐開 | 式 | 1 | 3,189 | |
| | | 高水敷整正 | 式 | | | |
| | | 水防巡視 | 式 | | | |
| | | 側帯整備 | 式 | | | |
| | | 緊急維持 | 式 | | | |
| | | 管理施設維持 | 式 | | | |
| | 修繕的経費 | | 式 | | 453 | |
| | | 護岸修繕 | 式 | 1 | 452 | |
| | | 水閘門修繕 | 式 | | | |
| | | IT関連修繕 | 式 | | | |
| | | 管理施設等修繕 | 式 | 1 | 1 | |
| | | 障害物除去 | 式 | | | |
| | | その他 | 式 | | | |
| 用地費及補償費 | | | 式 | | 0 | |
| | 用地費 | | $m^2$ | 0 | 0 | |
| | 補償費 | | 式 | 0 | 0 | |
| 間接経費 | | | 式 | 1 | 7,910 | |
| 工事諸費 | | | 式 | 1 | 12,234 | |
| 事業費　計 | | | 式 | 1 | 33,348 | |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 天竜川直轄河川改修編事業　（当面の段階的な整備維持管理費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24年度 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | | 2,495 | |
| | 維持的経費 | | 式 | | 2,392 | |
| | | 堤防除草 | 式 | 1 | 8 | |
| | | 堤防天端補修 | 式 | | | |
| | | 維持掘削 | 式 | 1 | 2,342 | |
| | | 樹木伐開 | 式 | 1 | 42 | |
| | | 高水敷整正 | 式 | | | |
| | | 水防巡視 | 式 | | | |
| | | 側帯整備 | 式 | | | |
| | | 緊急維持 | 式 | | | |
| | | 管理施設維持 | 式 | | | |
| | 修繕的経費 | | 式 | | 103 | |
| | | 護岸修繕 | 式 | 1 | 103 | |
| | | 水閘門修繕 | 式 | | | |
| | | IT関連修繕 | 式 | | | |
| | | 管理施設等修繕 | 式 | 1 | 0 | |
| | | 障害物除去 | 式 | | | |
| | | その他 | 式 | | | |
| 用地費及補償費 | | | 式 | | 0 | |
| | 用地費 | | $m^2$ | 0 | 0 | |
| | 補償費 | | 式 | 0 | 0 | |
| 間接経費 | | | 式 | 1 | 1,497 | |
| 工事諸費 | | | 式 | 1 | 2,316 | |
| 事業費　計 | | | 式 | 1 | 6,308 | |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 天竜川総合水系環境整備事業　様式集

平成24年10月31日

国土交通省中部地方整備局

浜松河川国道事務所

天竜川上流河川事務所

天竜川ダム統合管理事務所

| | | | | | |
|---|---|---|---|---|---|
| 事業名（箇所名） | 天竜川総合水系環境整備事業 | 担当課<br>担当課長名 | 水管理・国土保全局河川環境 | 事業主体 | 中部地方整備局 |
| 実施箇所 | 静岡県浜松市<br>長野県飯田市、飯島町、伊那市、駒ヶ根市、高森町、中川村、松川町、宮田村 | | | | |
| 該当基準 | 再評価実施後一定期間(3年間)が経過している事業 | | | | |
| 事業諸元 | 水辺整備事業　1式、自然再生事業　1式 | | | | |
| 事業期間 | 平成17年度～平成29年度 | | | | |
| 総事業費（億円） | 約32 | 残事業費（億円） | 約13 | | |

**目的・必要性**

＜解決すべき課題・背景＞
○平成21年7月30日に策定した「天竜川水系河川整備計画」に基づき、河川環境の整備と保全、川と人とのふれあいの増進を目指す。
・多様な動植物が生息・生育・繁殖する良好な自然環境の保全を図りつつ、失われるなどした河川環境の再生に努めるとともに、天竜川流域の豊かな自然環境を背景とした、良好な景観の維持・形成に努める。
・関係機関と連携し、生活の基盤や歴史、文化、風土等を形成してきた天竜川流域の恵みを活かしながら、水辺に「にぎわい」を創り出し地域交流・連携を進める。

【水辺整備】
（河輪）
・河輪地区では、自治体・学校などによる河川清掃、水質調査、生物調査などの活動が行われており、地元住民の河川に対する関心が強い。
・当該地区では、堤防には階段が整備されておらず、河川敷も樹木が生い茂り、水辺へ安全に近づきにくい状況であった。
・河川管理の効率化、河川の安全な利活用を確保するため、堤防の階段、河川敷の樹木伐採等の整備を行った。また、子どもたちの環境学習の場としても利用できるようにせせらぎ・ワンドの整備を行った。
（西鹿島）
・西鹿島地区は120年余の伝統ある「鹿島の花火」会場として、地域住民の憩いの場となっている。
・当該地区では、堤防には階段が整備されておらず、河川敷も草が生い茂り、水辺へ安全に近づきにくい状況であった。
・河川管理の効率化、河川の安全な利活用を確保するため、緩傾斜堤防、階段、低水護岸、多目的広場等の整備を行う。

【自然再生】
（天竜川）
・天竜川は元々礫河原主体の環境基盤であり、日本でも天竜川上流域のみに分布している希少種であるツツザキヤマジノギクや、カワラニガナ等の河原固有の植物が生育するほか、イカルチドリ等の営巣に利用されている。
・洪水調節施設の整備による流況の安定化等により、樹林化が進行し、天竜川らしい砂礫河原の自然環境や景観が消失しつつある。
・外来植物の侵入が著しい。
・イカルチドリ等の繁殖の場や在来のツツザキヤマジノギク等、河原植物の生育・繁殖場等の環境が失われてきている。
・自然の営力で維持することのできる、礫河原での固有な生物の生息・生育環境を再生するため、①樹木の伐採、②砂州の切り下げ、③外来種の駆除を実施する。
・地域住民と協働して、外来植物駆除等を継続し、河原固有種を保全する。

＜達成すべき目標＞
【水辺整備】
・緩傾斜堤防や階段の整備、高水敷整備、樹木伐採などを実施することにより、親水やレクリエーションの場、地域活動の場、地域振興の場などとして安全に利活用できる水辺空間の形成を図る。

【自然再生】
・礫河原を再生することにより、河原固有な生物の生息・生育環境を再生を図る。

＜政策体系上の位置付け＞
・政策目標
・施策目標

**便益の主な根拠**

【天竜川総合水系環境整備事業】
（河輪水辺整備）　【内訳】 水辺整備の効果による便益：25億円
【主な根拠】 支払意志額：234円/世帯・月　受益世帯数：46,706世帯
（西鹿島水辺整備）【内訳】 水辺整備の効果による便益：14億円
【主な根拠】 支払意志額：170円/世帯・月　受益世帯数：25,585世帯
（天竜川自然再生）【内訳】 自然再生の効果による便益：51億円
【主な根拠】 支払意志額：207円/世帯・月　受益世帯数：95,876世帯

| 事業全体の投資効率性 | 基準年度 | 平成24年度 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | B:総便益（億円） | 90 | C:総費用（億円） | 37 | B/C | 2.4 | B-C | 53 | EIRR（%） | 10.1 |
| 残事業の投資効率 | B:総便益（億円） | 54 | C:総費用（億円） | 13 | B/C | 4.2 | | | | |

**感度分析**

| | 残事業（B／C） | 全体事業（B／C） |
|---|---|---|
| 残事業費（+10%～-10%） | 3.9 ～ 4.5 | 2.4 ～ 2.6 |
| 残工期（+10%～-10%） | 4.2 ～ 4.4 | 2.5 ～ 2.6 |
| 受益世帯数（-10%～+10%） | 3.8 ～ 4.6 | 2.3 ～ 2.8 |

**事業の効果等**

【水辺整備】
（河輪）
・堤防の階段の整備や樹木伐採により水辺へのアクセスが向上し、また、せせらぎ・ワンドの整備により水辺環境学習の場としても利用できるようになった。（水辺の楽校に登録されている）
・河川敷の樹木伐採による副次的な効果として、不法投棄が減少した。
・今後、浜松市により散策路、駐車場等が整備予定であり、さらなる利活用が期待される。

（西鹿島）
・堤防斜面が急だったため、傾斜を緩やかにした。これにより、花火大会などのイベントの場として活発に利用されるようになった。
・今後、浜松市が河川敷にグラウンド等を整備する予定であり、さらなる利活用が期待される。

【自然再生】
（天竜川）
・礫河原が再生され、河原植物の群落が拡大・維持される。
・自然観察や環境教育の場として、地域住民によって利活用される。
・地域住民と協働し、外来植物駆除等の維持管理が継続され、河原植物の保全などの事業が行われるようになる。

**社会経済情勢等の変化**

・流域内人口は約72万人であり、近年は横ばいである。
・天竜川の堤防、高水敷利用者数は横ばいであり、年間約150万人の人々に利用されている。

**事業の進捗状況**

【水辺整備】
（河輪水辺整備） H24年度末事業費ベースで約88%である。
（西鹿島水辺整備） H24年度末事業費ベースで約86%である。
【自然再生】
（天竜川） H24年度末事業費ベースで約41%である。

**事業の進捗の見込み**

地域と連携した取り組みにより、関係者と合意形成を図りながら進めていることから、事業の実施にあたっての支障はない。
・地域住民との意見交換会による意見聴取の実施。
・各種検討会による市民、行政、学識経験者が協働した対策の実施。（学識経験者の指導による外来植物の駆除体験など）
・地域と一体となった環境保全活動の実施。（地域住民参加による樹木伐採、自然観察会など）

**コスト縮減や代替案立案等の可能性**

自然再生事業のコスト縮減の可能性
①工事内で伐採する樹木の処分において、薪ストーブ等で再利用可能な幹を地元の方々に配布し処分費の低減を図る。
②事業予定区間において、NPO法人や地元住民のボランティア協力を得て河川木を伐採し、伐採の必要な樹木量を減少させる。
事業実施した平成17年度以降の累計では、
①の取り組みで工事費で約23百万円相当のコスト縮減が図れた。
②の取り組みでも、工事費用に換算すれば約1百万円／年の作業を実施してもらっている。
今後の事業箇所においても同様な取り組みが可能である。

**対応方針**

継続

**対応方針理由**

事業の必要性、事業進捗の見込み、コスト縮減、代替案の立案の可能性等、総合的な判断による。

**その他**

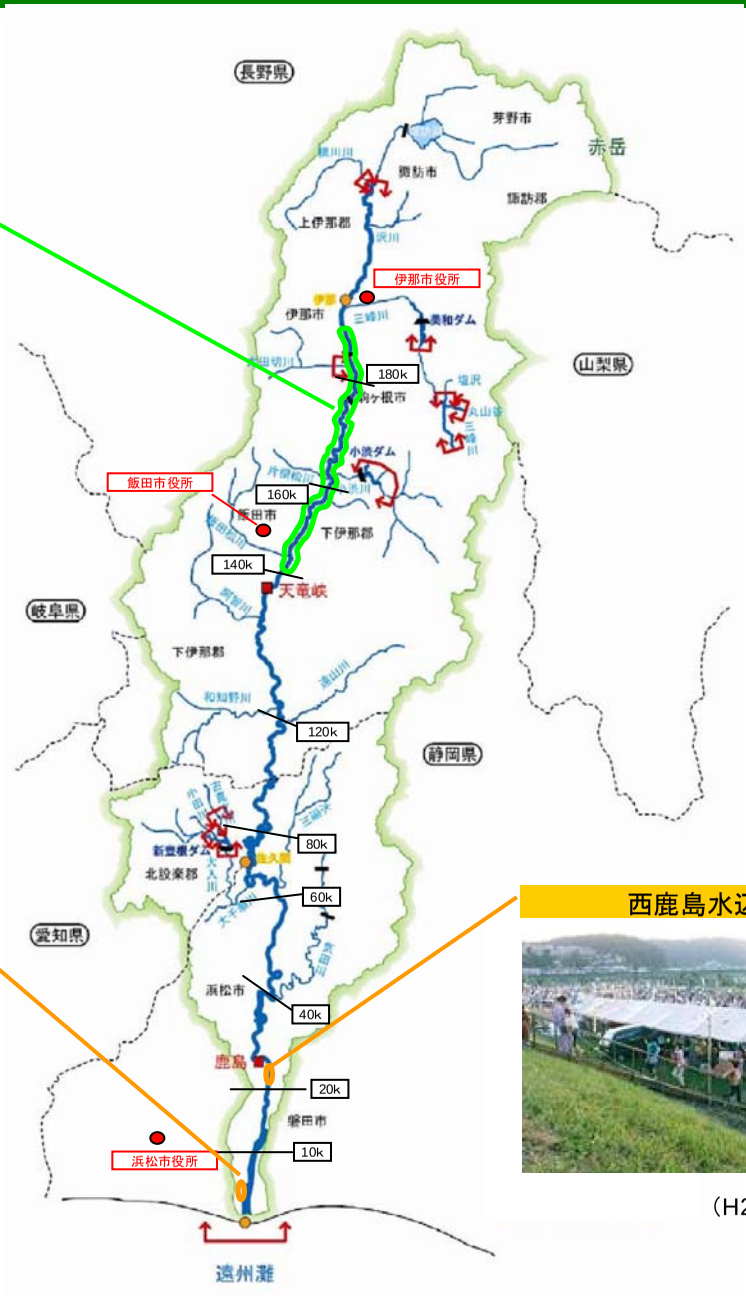
＜第三者委員会の意見・反映内容＞

＜長野県の意見・反映内容＞
本事業に関する国の対応方針（原案）については、異存ありません。
なお、当該事業の実施にあたっては、引き続きコスト縮減に努め、効果が早期に発現されるよう、事業の着実な推進をお願いします。

# 天竜川環境整備事業　概要図

（再評価事業）

天竜川自然再生事業




凡　例

- 流域界
- 県界
- 河川
- ダム
- 堰
- 基準地点
- 主要地点
- 大臣管理区間

- 自然再生事業
- 水辺整備事業

河輪水辺整備事業

（H21.3撮影）

西鹿島水辺整備事業

（H21.9撮影）

# 天竜川総合水系環境整備事業（浜松河川国道事務所、天竜川上流河川事務所）

## ▽感度分析（様式5）目次


Case ①　全体事業

Case ②　全体事業（事業費+10%）

Case ③　全体事業（事業費-10%）

Case ④　全体事業（受益世帯数+10%）

Case ⑤　全体事業（受益世帯数-10%）

Case ⑥　全体事業（残工期+10%）

Case ⑦　全体事業（残工期-10%）

Case ⑧　残事業

Case ⑨　残事業（事業費+10%）

Case ⑩　残事業（事業費-10%）

Case ⑪　残事業（受益世帯数+10%）

Case ⑫　残事業（受益世帯数-10%）

Case ⑬　残事業（残工期+10%）

Case ⑭　残事業（残工期-10%）

# Case ①　全体事業

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case①　全体事業

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 便益① 便益 西鹿島水辺整備 | 便益① 便益 天竜川自然再生 | 便益① 便益 小計 | 便益① 実質価格 | 便益① 現在価値 | 残存価値② 便益 河輪水辺整備 | 残存価値② 便益 西鹿島水辺整備 | 残存価値② 便益 小計 | 残存価値② 実質価格 | 残存価値② 現在価値 | 計 (①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 建設費③ 費用 西鹿島水辺整備 | 建設費③ 費用 天竜川自然再生 | 建設費③ 費用 小計 | 建設費③ 実質価格 | 建設費③ 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 維持管理費④ 費用 西鹿島水辺整備 | 維持管理費④ 費用 天竜川自然再生 | 維持管理費④ 費用 小計 | 維持管理費④ 実質価格 | 維持管理費④ 現在価値 | 計③+④ 費用 | 計③+④ 実質価格 | 計③+④ 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 整備期間 | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -12 | 2000 | 0.991 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -11 | 2001 | 1.016 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -10 | 2002 | 1.030 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -9 | 2003 | 1.030 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -8 | 2004 | 1.026 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -7 | 2005 | 1.021 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | 596.3 | | 596.3 | 608.8 | 801.2 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.010 | 1.265 | | 23.1 | | 23.1 | 23.1 | 29.2 | | | | | | 29.2 | | 216.0 | | 216.0 | 218.1 | 275.9 | | 0.19 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.3 | 276.2 |
| | -5 | 2007 | 0.994 | 1.217 | 0.0 | 35.7 | | 35.7 | 35.7 | 43.4 | | | | | | 43.4 | 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | 0.26 | | 0.3 | 0.3 | 0.4 | 77.5 | 77.0 | 93.7 |
| | -4 | 2008 | 0.965 | 1.170 | 0.0 | 35.7 | | 35.7 | 35.7 | 41.8 | | | | | | 41.8 | 72.8 | 12.0 | 133.0 | 217.8 | 210.2 | 245.9 | 0.26 | 0.26 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.7 | 246.5 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 35.7 | 16.6 | 52.3 | 52.3 | 58.9 | | | | | | 58.9 | 11.6 | 30.0 | 346.0 | 387.6 | 388.0 | 436.5 | 1.7 | 0.26 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 390.0 | 438.8 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 38.4 | 59.9 | 98.3 | 98.3 | 106.4 | | | | | | 106.4 | 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.26 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 41.2 | 59.9 | 101.1 | 101.1 | 105.1 | | | | | | 105.1 | 9.8 | 28.0 | 158.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.63 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 41.2 | 79.7 | 120.9 | 120.9 | 120.9 | | | | | | 120.9 | 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 43.9 | 98.7 | 142.6 | 142.6 | 137.1 | | | | | | 137.1 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 272.2 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 288.6 | 288.6 | 277.6 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 43.9 | 126.5 | 170.4 | 170.4 | 157.7 | | | | | | 157.7 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 261.8 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 289.2 | 289.2 | 267.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 49.4 | 154.4 | 203.8 | 203.8 | 181.2 | | | | | | 181.2 | 5.0 | 50.0 | 223.0 | 278.0 | 278.0 | 247.1 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 286.7 | 286.7 | 254.8 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 52.2 | 182.3 | 365.7 | 365.7 | 312.7 | | | | | | 312.7 | | | 223.0 | 223.0 | 223.0 | 190.7 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 230.7 | 230.7 | 197.3 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 52.2 | 210.2 | 393.6 | 393.6 | 323.5 | | | | | | 323.5 | | | 224.0 | 224.0 | 224.0 | 184.1 | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 232.4 | 232.4 | 191.0 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 333.1 | | | | | | 333.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 320.4 | | | | | | 320.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 308.2 | | | | | | 308.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 296.4 | | | | | | 296.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 285.0 | | | | | | 285.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 274.0 | | | | | | 274.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 263.5 | | | | | | 263.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 253.4 | | | | | | 253.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 243.3 | | | | | | 243.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 234.0 | | | | | | 234.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 225.1 | | | | | | 225.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 216.3 | | | | | | 216.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 208.3 | | | | | | 208.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 200.3 | | | | | | 200.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 192.2 | | | | | | 192.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 185.1 | | | | | | 185.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 177.9 | | | | | | 177.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 171.2 | | | | | | 171.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 164.4 | | | | | | 164.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 158.1 | | | | | | 158.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 152.2 | | | | | | 152.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 146.3 | | | | | | 146.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 140.4 | | | | | | 140.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 135.3 | | | | | | 135.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 129.9 | | | | | | 129.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 124.8 | | | | | | 124.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 120.2 | | | | | | 120.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 115.5 | | | | | | 115.5 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 111.3 | | | | | | 111.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 106.7 | | | | | | 106.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 102.9 | | | | | | 102.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 98.7 | | | | | | 98.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 94.9 | | | | | | 94.9 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 91.5 | | | | | | 91.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 87.7 | | | | | | 87.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 84.3 | | | | | | 84.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 81.4 | | | | | | 81.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 78.0 | | | | | | 78.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 75.0 | | | | | | 75.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 72.1 | | | | | | 72.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 69.6 | | | | | | 69.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 66.6 | | | | | | 66.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 64.1 | | | | | | 64.1 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 61.6 | | | | | | 61.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 59.4 | | | | | | 59.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 56.9 | | | | | | 56.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 54.8 | | | | | | 54.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.1 | 8.6 | 8.6 | 1.1 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 52.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 65.7 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.3 | 10.6 | 10.6 | 1.3 |
| | 54 | 2066 | 1.000 | 0.120 | | | 238.2 | 238.2 | 238.2 | 28.6 | | | | | | 28.6 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 55 | 2067 | 1.000 | 0.116 | | | 238.2 | 238.2 | 238.2 | 27.6 | | | | | | 27.6 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | | | | | | | | | | | | | | 0.0 | 0.0 | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | | | | | | | | | | | | | | 0.0 | 0.0 | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | | | | | | | | | | | | | | 0.0 | 0.0 | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | | | | | | | | | | | | | | 0.0 | 0.0 | |
| 合計 | | | | | 6.560 | 2.998 | 12.898 | 22.456 | 22.456 | 9.019 | 13 | 91 | 104 | 104 | 13 | B= 9.032 | 216 | 1.095 | 1.905 | 3.217 | 3.223 | 3.452 | 197 | 125 | 166 | 490 | 490 | 207 | 3.707 | 3.714 | C= 3.658 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 90 |
| 総費用（億円） | C | 37 |
| **費用便益比** | **B／C** | **2.4** |
| 純現在価値（億円） | B－C | 53 |
| 経済的内部収益率 | 10.1% | 10.1% |

# Case ②　全体事業（事業費+10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| 基準(評価)年度 | 2012(H24) |
|---|---|
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case②　全体事業（事業費＋10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| 整備期間 | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -7 | 2005 | 1.020 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 |
| | -6 | 2006 | 1.009 | 1.265 | | 23.1 | | 23.1 | 23.1 | 29.2 | | | | | | 29.2 |
| | -5 | 2007 | 0.993 | 1.217 | 0.0 | 35.7 | | 35.7 | 35.7 | 43.4 | | | | | | 43.4 |
| | -4 | 2008 | 0.966 | 1.170 | 0.0 | 35.7 | | 35.7 | 35.7 | 41.8 | | | | | | 41.8 |
| | -3 | 2009 | 1.000 | 1.125 | 0.0 | 35.7 | 15.7 | 51.4 | 51.4 | 57.8 | | | | | | 57.8 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 38.4 | 56.6 | 95.0 | 95.0 | 102.8 | | | | | | 102.8 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 41.2 | 56.6 | 97.8 | 97.8 | 101.7 | | | | | | 101.7 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 41.2 | 75.2 | 116.4 | 116.4 | 116.4 | | | | | | 116.4 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 43.9 | 93.2 | 137.1 | 137.1 | 131.9 | | | | | | 131.9 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 43.9 | 122.2 | 166.1 | 166.1 | 153.6 | | | | | | 153.6 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 49.4 | 151.1 | 200.5 | 200.5 | 178.3 | | | | | | 178.3 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 52.2 | 180.1 | 363.5 | 363.5 | 310.8 | | | | | | 310.8 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 52.2 | 209.1 | 392.5 | 392.5 | 322.6 | | | | | | 322.6 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 333.1 | | | | | | 333.1 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 320.4 | | | | | | 320.4 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 308.2 | | | | | | 308.2 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 296.4 | | | | | | 296.4 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 285.0 | | | | | | 285.0 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 274.0 | | | | | | 274.0 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 263.5 | | | | | | 263.5 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 253.4 | | | | | | 253.4 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 243.3 | | | | | | 243.3 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 234.0 | | | | | | 234.0 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 225.1 | | | | | | 225.1 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 216.3 | | | | | | 216.3 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 208.3 | | | | | | 208.3 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 200.3 | | | | | | 200.3 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 192.2 | | | | | | 192.2 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 185.1 | | | | | | 185.1 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 177.9 | | | | | | 177.9 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 171.2 | | | | | | 171.2 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 164.4 | | | | | | 164.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 158.1 | | | | | | 158.1 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 152.2 | | | | | | 152.2 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 146.3 | | | | | | 146.3 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 140.4 | | | | | | 140.4 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 135.3 | | | | | | 135.3 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 129.9 | | | | | | 129.9 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 124.8 | | | | | | 124.8 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 120.2 | | | | | | 120.2 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 115.5 | | | | | | 115.5 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 111.3 | | | | | | 111.3 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 106.7 | | | | | | 106.7 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 102.9 | | | | | | 102.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 98.7 | | | | | | 98.7 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 94.9 | | | | | | 94.9 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 91.5 | | | | | | 91.5 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 87.7 | | | | | | 87.7 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 84.3 | | | | | | 84.3 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 81.4 | | | | | | 81.4 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 78.0 | | | | | | 78.0 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 75.0 | | | | | | 75.0 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 72.1 | | | | | | 72.1 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 69.6 | | | | | | 69.6 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 66.6 | | | | | | 66.6 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 64.1 | | | | | | 64.1 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 61.6 | | | | | | 61.6 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 59.4 | | | | | | 59.4 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 56.9 | | | | | | 56.9 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 54.8 | | | | | | 54.8 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 52.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 65.7 |
| | 54 | 2066 | 1.000 | 0.120 | | | 238.2 | 238.2 | 238.2 | 28.6 | | | | | | 28.6 |
| | 55 | 2067 | 1.000 | 0.116 | | | 238.2 | 238.2 | 238.2 | 27.6 | | | | | | 27.6 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | |
| 合計 | | | | | 6,560 | 2,998 | 12,870 | 22,428 | 22,428 | 8,992 | 13 | 91 | 104 | 104 | 13 | B= 9,005 |

| 年次 | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | 596.3 | | 596.3 | 608.2 | 800.4 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.2 | 800.4 |
| | | 216.0 | | 216.0 | 217.9 | 275.6 | | 0.2 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.1 | 275.9 |
| 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | | | 0.3 | 0.3 | 0.4 | 0.4 | 77.5 | 77.0 | 93.7 |
| 72.8 | 12.0 | 133.0 | 217.8 | 210.4 | 246.2 | 0.3 | 0.3 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.9 | 246.8 |
| 11.6 | 30.0 | 346.0 | 387.6 | 387.6 | 436.1 | 1.7 | 0.3 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 389.6 | 438.4 |
| 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.3 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| 9.8 | 28.0 | 158.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.6 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| 11.0 | 55.0 | 245.3 | 311.3 | 311.3 | 299.5 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 316.9 | 316.9 | 304.9 |
| 11.0 | 55.0 | 245.3 | 311.3 | 311.3 | 288.0 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 317.5 | 317.5 | 293.7 |
| 5.5 | 55.0 | 245.3 | 305.8 | 305.8 | 271.9 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 314.5 | 314.5 | 279.6 |
| | | 245.3 | 245.3 | 245.3 | 209.7 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 253.0 | 253.0 | 216.3 |
| | | 246.4 | 246.4 | 246.4 | 202.5 | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 254.8 | 254.8 | 209.4 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| | | | | | | | | 4.7 | 4.7 | 4.7 | 0.6 | 4.7 | 4.7 | 0.6 |
| | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | | | | | | | | | | | | | 0.0 | 0.0 |
| | | | | | | | | | | | | | 0.0 | 0.0 |
| | | | | | | | | | | | | | 0.0 | 0.0 |
| | | | | | | | | | | | | | 0.0 | 0.0 |
| 219 | 1,110 | 2,017 | 3,346 | 3,352 | 3,566 | 187 | 118 | 166 | 473 | 473 | 204 | 3,818 | 3,824 | C= 3,771 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 90 |
| 総費用(億円) | C | 38 |
| **費用便益比** | **B／C** | **2.4** |
| 純現在価値(億円) | B－C | 52 |
| 経済的内部収益率 | | 9.8% |

# Case ③　全体事業（事業費-10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case③　全体事業（事業費－10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -7 | 2005 | 1.020 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | 596.3 | | 596.3 | 608.2 | 800.4 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.2 | 800.4 |
| 整備期間 | -6 | 2006 | 1.009 | 1.265 | | 23.1 | | 23.1 | 23.1 | 29.2 | | | | | | 29.2 | | 216.0 | | 216.0 | 217.9 | 275.6 | | 0.2 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.1 | 275.9 |
| 整備期間 | -5 | 2007 | 0.993 | 1.217 | 0.0 | 35.7 | | 35.7 | 35.7 | 43.4 | | | | | | 43.4 | 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | 0.3 | | 0.3 | 0.3 | 0.4 | 77.5 | 77.0 | 93.7 |
| 整備期間 | -4 | 2008 | 0.966 | 1.170 | 0.0 | 35.7 | | 35.7 | 35.7 | 41.8 | | | | | | 41.8 | 72.8 | 12.0 | 133.0 | 217.8 | 210.4 | 246.2 | 0.3 | 0.3 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.9 | 246.8 |
| 整備期間 | -3 | 2009 | 1.000 | 1.125 | 0.0 | 35.7 | 17.7 | 53.4 | 53.4 | 60.0 | | | | | | 60.0 | 11.6 | 30.0 | 346.0 | 387.6 | 387.6 | 436.1 | 1.7 | 0.3 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 389.6 | 438.4 |
| 整備期間 | -2 | 2010 | 1.000 | 1.082 | 0.0 | 38.4 | 63.6 | 102.0 | 102.0 | 110.4 | | | | | | 110.4 | 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.3 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| 整備期間 | -1 | 2011 | 1.000 | 1.040 | 0.0 | 41.2 | 63.6 | 104.8 | 104.8 | 109.0 | | | | | | 109.0 | 9.8 | 28.0 | 158.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.6 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 41.2 | 84.6 | 125.8 | 125.8 | 125.8 | | | | | | 125.8 | 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| 整備期間 | 1 | 2013 | 1.000 | 0.962 | 0.0 | 43.9 | 104.8 | 148.7 | 148.7 | 143.0 | | | | | | 143.0 | 9.0 | 45.0 | 200.7 | 254.7 | 254.7 | 245.0 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 260.3 | 260.3 | 250.4 |
| 整備期間 | 2 | 2014 | 1.000 | 0.925 | 0.0 | 43.9 | 131.5 | 175.4 | 175.4 | 162.2 | | | | | | 162.2 | 9.0 | 45.0 | 200.7 | 254.7 | 254.7 | 235.6 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 260.9 | 260.9 | 241.3 |
| 整備期間 | 3 | 2015 | 1.000 | 0.889 | 0.0 | 49.4 | 158.1 | 207.5 | 207.5 | 184.5 | | | | | | 184.5 | 4.5 | 45.0 | 200.7 | 250.2 | 250.2 | 222.4 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 258.9 | 258.9 | 230.1 |
| 整備期間 | 4 | 2016 | 1.000 | 0.855 | 131.2 | 52.2 | 184.8 | 368.2 | 368.2 | 314.8 | | | | | | 314.8 | | | 200.7 | 200.7 | 200.7 | 171.6 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 208.4 | 208.4 | 178.2 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 52.2 | 211.4 | 394.8 | 394.8 | 324.5 | | | | | | 324.5 | | | 201.6 | 201.6 | 201.6 | 165.7 | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 210.0 | 210.0 | 172.6 |
| 施設完成後の評価期間（50年） | 6 | 2018 | 1.000 | 0.790 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 333.1 | | | | | | 333.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| 施設完成後の評価期間（50年） | 7 | 2019 | 1.000 | 0.760 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 320.4 | | | | | | 320.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| 施設完成後の評価期間（50年） | 8 | 2020 | 1.000 | 0.731 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 308.2 | | | | | | 308.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| 施設完成後の評価期間（50年） | 9 | 2021 | 1.000 | 0.703 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 296.4 | | | | | | 296.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| 施設完成後の評価期間（50年） | 10 | 2022 | 1.000 | 0.676 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 285.0 | | | | | | 285.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| 施設完成後の評価期間（50年） | 11 | 2023 | 1.000 | 0.650 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 274.0 | | | | | | 274.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| 施設完成後の評価期間（50年） | 12 | 2024 | 1.000 | 0.625 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 263.5 | | | | | | 263.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| 施設完成後の評価期間（50年） | 13 | 2025 | 1.000 | 0.601 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 253.4 | | | | | | 253.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| 施設完成後の評価期間（50年） | 14 | 2026 | 1.000 | 0.577 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 243.3 | | | | | | 243.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| 施設完成後の評価期間（50年） | 15 | 2027 | 1.000 | 0.555 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 234.0 | | | | | | 234.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| 施設完成後の評価期間（50年） | 16 | 2028 | 1.000 | 0.534 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 225.1 | | | | | | 225.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| 施設完成後の評価期間（50年） | 17 | 2029 | 1.000 | 0.513 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 216.3 | | | | | | 216.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| 施設完成後の評価期間（50年） | 18 | 2030 | 1.000 | 0.494 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 208.3 | | | | | | 208.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| 施設完成後の評価期間（50年） | 19 | 2031 | 1.000 | 0.475 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 200.3 | | | | | | 200.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| 施設完成後の評価期間（50年） | 20 | 2032 | 1.000 | 0.456 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 192.2 | | | | | | 192.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| 施設完成後の評価期間（50年） | 21 | 2033 | 1.000 | 0.439 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 185.1 | | | | | | 185.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| 施設完成後の評価期間（50年） | 22 | 2034 | 1.000 | 0.422 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 177.9 | | | | | | 177.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| 施設完成後の評価期間（50年） | 23 | 2035 | 1.000 | 0.406 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 171.2 | | | | | | 171.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| 施設完成後の評価期間（50年） | 24 | 2036 | 1.000 | 0.390 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 164.4 | | | | | | 164.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| 施設完成後の評価期間（50年） | 25 | 2037 | 1.000 | 0.375 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 158.1 | | | | | | 158.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| 施設完成後の評価期間（50年） | 26 | 2038 | 1.000 | 0.361 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 152.2 | | | | | | 152.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| 施設完成後の評価期間（50年） | 27 | 2039 | 1.000 | 0.347 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 146.3 | | | | | | 146.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| 施設完成後の評価期間（50年） | 28 | 2040 | 1.000 | 0.333 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 140.4 | | | | | | 140.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| 施設完成後の評価期間（50年） | 29 | 2041 | 1.000 | 0.321 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 135.3 | | | | | | 135.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| 施設完成後の評価期間（50年） | 30 | 2042 | 1.000 | 0.308 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 129.9 | | | | | | 129.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| 施設完成後の評価期間（50年） | 31 | 2043 | 1.000 | 0.296 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 124.8 | | | | | | 124.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| 施設完成後の評価期間（50年） | 32 | 2044 | 1.000 | 0.285 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 120.2 | | | | | | 120.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| 施設完成後の評価期間（50年） | 33 | 2045 | 1.000 | 0.274 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 115.5 | | | | | | 115.5 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| 施設完成後の評価期間（50年） | 34 | 2046 | 1.000 | 0.264 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 111.3 | | | | | | 111.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| 施設完成後の評価期間（50年） | 35 | 2047 | 1.000 | 0.253 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 106.7 | | | | | | 106.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| 施設完成後の評価期間（50年） | 36 | 2048 | 1.000 | 0.244 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 102.9 | | | | | | 102.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| 施設完成後の評価期間（50年） | 37 | 2049 | 1.000 | 0.234 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 98.7 | | | | | | 98.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| 施設完成後の評価期間（50年） | 38 | 2050 | 1.000 | 0.225 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 94.9 | | | | | | 94.9 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| 施設完成後の評価期間（50年） | 39 | 2051 | 1.000 | 0.217 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 91.5 | | | | | | 91.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| 施設完成後の評価期間（50年） | 40 | 2052 | 1.000 | 0.208 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 87.7 | | | | | | 87.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| 施設完成後の評価期間（50年） | 41 | 2053 | 1.000 | 0.200 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 84.3 | | | | | | 84.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| 施設完成後の評価期間（50年） | 42 | 2054 | 1.000 | 0.193 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 81.4 | | | | | | 81.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| 施設完成後の評価期間（50年） | 43 | 2055 | 1.000 | 0.185 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 78.0 | | | | | | 78.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| 施設完成後の評価期間（50年） | 44 | 2056 | 1.000 | 0.178 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 75.0 | | | | | | 75.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| 施設完成後の評価期間（50年） | 45 | 2057 | 1.000 | 0.171 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 72.1 | | | | | | 72.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| 施設完成後の評価期間（50年） | 46 | 2058 | 1.000 | 0.165 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 69.6 | | | | | | 69.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| 施設完成後の評価期間（50年） | 47 | 2059 | 1.000 | 0.158 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 66.6 | | | | | | 66.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| 施設完成後の評価期間（50年） | 48 | 2060 | 1.000 | 0.152 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 64.1 | | | | | | 64.1 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| 施設完成後の評価期間（50年） | 49 | 2061 | 1.000 | 0.146 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 61.6 | | | | | | 61.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| 施設完成後の評価期間（50年） | 50 | 2062 | 1.000 | 0.141 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 59.4 | | | | | | 59.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| 施設完成後の評価期間（50年） | 51 | 2063 | 1.000 | 0.135 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 56.9 | | | | | | 56.9 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| 施設完成後の評価期間（50年） | 52 | 2064 | 1.000 | 0.130 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 54.8 | | | | | | 54.8 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| 施設完成後の評価期間（50年） | 53 | 2065 | 1.000 | 0.125 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 52.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 65.7 | | | | | | | | | 4.7 | 4.7 | 4.7 | 0.6 | 4.7 | 4.7 | 0.6 |
| 施設完成後の評価期間（50年） | 54 | 2066 | 1.000 | 0.120 | | | 238.2 | 238.2 | 238.2 | 28.6 | | | | | | 28.6 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 55 | 2067 | 1.000 | 0.116 | | | 238.2 | 238.2 | 238.2 | 27.6 | | | | | | 27.6 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 56 | 2068 | 1.000 | 0.111 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 合計 | | | | | 6,560 | 2,998 | 12,930 | 22,488 | 22,488 | 9,050 | 13 | 91 | 104 | 104 | 13 | B= 9,063 | 214 | 1,080 | 1,793 | 3,087 | 3,093 | 3,335 | 187 | 118 | 166 | 473 | 473 | 204 | 3,560 | 3,566 | C= 3,539 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 91 |
| 総費用(億円) | C | 35 |
| **費用便益比** | **B／C** | **2.6** |
| 純現在価値(億円) | B－C | 56 |
| 経済的内部収益率 | | 10.3% |

# Case ④　全体事業（受益世帯数+10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case④　全体事業（受益世帯数＋10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 便益① 便益 西鹿島水辺整備 | 便益① 便益 天竜川自然再生 | 便益① 小計 | 便益① 実質価格 | 便益① 現在価値 | 残存価値② 便益 河輪水辺整備 | 残存価値② 便益 西鹿島水辺整備 | 残存価値② 小計 | 残存価値② 実質価格 | 残存価値② 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 建設費③ 費用 西鹿島水辺整備 | 建設費③ 費用 天竜川自然再生 | 建設費③ 小計 | 建設費③ 実質価格 | 建設費③ 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 維持管理費④ 費用 西鹿島水辺整備 | 維持管理費④ 費用 天竜川自然再生 | 維持管理費④ 小計 | 維持管理費④ 実質価格 | 維持管理費④ 現在価値 | 計③+④ 費用 | 計③+④ 実質価格 | 計③+④ 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 整備期間 | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -7 | 2005 | 1.020 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | 596.3 | | 596.3 | 608.2 | 800.4 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.2 | 800.4 |
| | -6 | 2006 | 1.009 | 1.265 | | 25.4 | | 25.4 | 25.4 | 32.1 | | | | | | 32.1 | | 216.0 | | 216.0 | 217.9 | 275.6 | | 0.2 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.1 | 275.9 |
| | -5 | 2007 | 0.993 | 1.217 | 0.0 | 39.3 | | 39.3 | 39.3 | 47.8 | | | | | | 47.8 | 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | | | 0.3 | 0.3 | 0.4 | 77.5 | 77.0 | 93.7 |
| | -4 | 2008 | 0.966 | 1.170 | 0.0 | 39.3 | | 39.3 | 39.3 | 46.0 | | | | | | 46.0 | 72.8 | 12.0 | 133.0 | 217.8 | 210.4 | 246.2 | 0.3 | 0.3 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.9 | 246.8 |
| | -3 | 2009 | 1.000 | 1.125 | 0.0 | 39.3 | 18.3 | 57.6 | 57.6 | 64.8 | | | | | | 64.8 | 11.6 | 30.0 | 346.0 | 387.6 | 387.6 | 436.1 | 1.7 | 0.3 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 389.6 | 438.4 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 42.3 | 65.9 | 108.2 | 108.2 | 117.0 | | | | | | 117.0 | 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.3 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 45.3 | 65.9 | 111.2 | 111.2 | 115.6 | | | | | | 115.6 | 9.8 | 28.0 | 159.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.6 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 45.3 | 87.6 | 132.9 | 132.9 | 132.9 | | | | | | 132.9 | 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 48.3 | 108.5 | 156.8 | 156.8 | 150.9 | | | | | | 150.9 | 10.0 | 50.0 | 200.7 | 260.7 | 260.7 | 250.8 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 266.3 | 266.3 | 256.2 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 48.3 | 139.2 | 187.5 | 187.5 | 173.4 | | | | | | 173.4 | 10.0 | 50.0 | 200.7 | 260.7 | 260.7 | 241.1 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 266.9 | 266.9 | 246.8 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 54.4 | 169.9 | 224.3 | 224.3 | 199.4 | | | | | | 199.4 | 5.0 | 50.0 | 200.7 | 255.7 | 255.7 | 227.3 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 264.4 | 264.4 | 235.0 |
| | 4 | 2016 | 1.000 | 0.855 | 144.3 | 57.4 | 200.5 | 402.2 | 402.2 | 343.9 | | | | | | 343.9 | | | 200.7 | 200.7 | 200.7 | 171.6 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 208.4 | 208.4 | 178.2 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 144.3 | 57.4 | 231.2 | 432.9 | 432.9 | 355.8 | | | | | | 355.8 | | | 201.6 | 201.6 | 201.6 | 165.7 | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 210.0 | 210.0 | 172.6 |
| | 6 | 2018 | 1.000 | 0.790 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 366.3 | | | | | | 366.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| | 7 | 2019 | 1.000 | 0.760 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 352.4 | | | | | | 352.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| | 8 | 2020 | 1.000 | 0.731 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 339.0 | | | | | | 339.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| | 9 | 2021 | 1.000 | 0.703 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 326.0 | | | | | | 326.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| | 10 | 2022 | 1.000 | 0.676 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 313.5 | | | | | | 313.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| | 11 | 2023 | 1.000 | 0.650 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 301.4 | | | | | | 301.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| | 12 | 2024 | 1.000 | 0.625 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 289.8 | | | | | | 289.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| | 13 | 2025 | 1.000 | 0.601 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 278.7 | | | | | | 278.7 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| | 14 | 2026 | 1.000 | 0.577 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 267.6 | | | | | | 267.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| | 15 | 2027 | 1.000 | 0.555 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 257.4 | | | | | | 257.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| | 16 | 2028 | 1.000 | 0.534 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 247.6 | | | | | | 247.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| | 17 | 2029 | 1.000 | 0.513 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 237.9 | | | | | | 237.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| | 18 | 2030 | 1.000 | 0.494 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 229.1 | | | | | | 229.1 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| | 19 | 2031 | 1.000 | 0.475 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 220.3 | | | | | | 220.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| | 20 | 2032 | 1.000 | 0.456 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 211.4 | | | | | | 211.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| | 21 | 2033 | 1.000 | 0.439 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 203.6 | | | | | | 203.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| | 22 | 2034 | 1.000 | 0.422 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 195.7 | | | | | | 195.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| | 23 | 2035 | 1.000 | 0.406 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 188.3 | | | | | | 188.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| | 24 | 2036 | 1.000 | 0.390 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 180.8 | | | | | | 180.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| | 25 | 2037 | 1.000 | 0.375 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 173.9 | | | | | | 173.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| | 26 | 2038 | 1.000 | 0.361 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 167.4 | | | | | | 167.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| | 27 | 2039 | 1.000 | 0.347 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 160.9 | | | | | | 160.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| | 28 | 2040 | 1.000 | 0.333 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 154.4 | | | | | | 154.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| | 29 | 2041 | 1.000 | 0.321 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 148.8 | | | | | | 148.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| | 30 | 2042 | 1.000 | 0.308 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 142.8 | | | | | | 142.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| | 31 | 2043 | 1.000 | 0.296 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 137.3 | | | | | | 137.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | 32 | 2044 | 1.000 | 0.285 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 132.2 | | | | | | 132.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | 33 | 2045 | 1.000 | 0.274 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 127.1 | | | | | | 127.1 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| | 34 | 2046 | 1.000 | 0.264 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 122.4 | | | | | | 122.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| | 35 | 2047 | 1.000 | 0.253 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 117.3 | | | | | | 117.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| | 36 | 2048 | 1.000 | 0.244 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 113.1 | | | | | | 113.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| | 37 | 2049 | 1.000 | 0.234 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 108.5 | | | | | | 108.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| | 38 | 2050 | 1.000 | 0.225 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 104.3 | | | | | | 104.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| | 39 | 2051 | 1.000 | 0.217 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 100.6 | | | | | | 100.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| | 40 | 2052 | 1.000 | 0.208 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 96.4 | | | | | | 96.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| | 41 | 2053 | 1.000 | 0.200 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 92.7 | | | | | | 92.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | 42 | 2054 | 1.000 | 0.193 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 89.5 | | | | | | 89.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | 43 | 2055 | 1.000 | 0.185 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 85.8 | | | | | | 85.8 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| | 44 | 2056 | 1.000 | 0.178 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 82.5 | | | | | | 82.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | 45 | 2057 | 1.000 | 0.171 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 79.3 | | | | | | 79.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | 46 | 2058 | 1.000 | 0.165 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 76.5 | | | | | | 76.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | 47 | 2059 | 1.000 | 0.158 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 73.3 | | | | | | 73.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | 48 | 2060 | 1.000 | 0.152 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 70.5 | | | | | | 70.5 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| | 49 | 2061 | 1.000 | 0.146 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 67.7 | | | | | | 67.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| | 50 | 2062 | 1.000 | 0.141 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 65.4 | | | | | | 65.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| | 51 | 2063 | 1.000 | 0.135 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 62.6 | | | | | | 62.6 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| | 52 | 2064 | 1.000 | 0.130 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 60.3 | | | | | | 60.3 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| | 53 | 2065 | 1.000 | 0.125 | 144.3 | 57.4 | 262.0 | 463.7 | 463.7 | 58.0 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 71.0 | | | | | | | | | 4.7 | 4.7 | 4.7 | 0.6 | 4.7 | 4.7 | 0.6 |
| | 54 | 2066 | 1.000 | 0.120 | | | 262.0 | 262.0 | 262.0 | 31.4 | | | | | | 31.4 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 55 | 2067 | 1.000 | 0.116 | | | 262.0 | 262.0 | 262.0 | 30.4 | | | | | | 30.4 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 56 | 2068 | 1.000 | 0.111 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 合計 | | | | | 7,215 | 3,297 | 14,187 | 24,699 | 24,699 | 9,920 | 13 | 91 | 104 | 104 | 0 | B= 9,933 | 216 | 1,095 | 1,793 | 3,105 | 3,111 | 3,351 | 187 | 118 | 166 | 473 | 473 | 204 | 3,578 | 3,584 | C= 3,556 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 99 |
| 総費用(億円) | C | 36 |
| **費用便益比** | **B/C** | **2.8** |
| 純現在価値(億円) | B－C | 63 |
| 経済的内部収益率 | | 11.1% |

# Case ⑤　全体事業（受益世帯数-10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case⑤　全体事業（受益世帯数－10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 便益① 便益 西鹿島水辺整備 | 便益① 便益 天竜川自然再生 | 便益① 小計 | 便益① 実質価格 | 便益① 現在価値 | 残存価値② 便益 河輪水辺整備 | 残存価値② 便益 西鹿島水辺整備 | 残存価値② 小計 | 残存価値② 実質価格 | 残存価値② 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 建設費③ 費用 西鹿島水辺整備 | 建設費③ 費用 天竜川自然再生 | 建設費③ 小計 | 建設費③ 実質価格 | 建設費③ 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 維持管理費④ 費用 西鹿島水辺整備 | 維持管理費④ 費用 天竜川自然再生 | 維持管理費④ 小計 | 維持管理費④ 実質価格 | 維持管理費④ 現在価値 | 計③+④ 費用 | 計③+④ 実質価格 | 計③+④ 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -7 | 2005 | 1.020 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | 596.3 | | 596.3 | 608.2 | 800.4 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.2 | 800.4 |
| 整備期間 | -6 | 2006 | 1.009 | 1.265 | | 20.8 | | 20.8 | 20.8 | 26.3 | | | | | | 26.3 | | 216.0 | | 216.0 | 217.9 | 275.6 | | 0.2 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.1 | 275.9 |
| 整備期間 | -5 | 2007 | 0.993 | 1.217 | 0.0 | 32.1 | | 32.1 | 32.1 | 39.1 | | | | | | 39.1 | 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | 0.3 | | 0.3 | 0.3 | 0.4 | 77.5 | 77.0 | 93.7 |
| 整備期間 | -4 | 2008 | 0.966 | 1.170 | 0.0 | 32.1 | | 32.1 | 32.1 | 37.6 | | | | | | 37.6 | 72.8 | 12.0 | 133.0 | 217.8 | 210.4 | 246.2 | 0.3 | 0.3 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.9 | 246.8 |
| 整備期間 | -3 | 2009 | 1.000 | 1.125 | 0.0 | 32.1 | 15.0 | 47.1 | 47.1 | 52.9 | | | | | | 52.9 | 11.6 | 30.0 | 346.0 | 387.6 | 387.6 | 436.1 | 1.7 | 0.3 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 389.6 | 438.4 |
| 整備期間 | -2 | 2010 | 1.000 | 1.082 | 0.0 | 34.6 | 53.9 | 88.5 | 88.5 | 95.7 | | | | | | 95.7 | 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.3 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| 整備期間 | -1 | 2011 | 1.000 | 1.040 | 0.0 | 37.1 | 53.9 | 91.0 | 91.0 | 94.6 | | | | | | 94.6 | 9.8 | 28.0 | 158.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.6 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 37.1 | 71.7 | 108.8 | 108.8 | 108.8 | | | | | | 108.8 | 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| 整備期間 | 1 | 2013 | 1.000 | 0.962 | 0.0 | 39.6 | 88.8 | 128.4 | 128.4 | 123.5 | | | | | | 123.5 | 10.0 | 50.0 | 200.7 | 260.7 | 260.7 | 250.8 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 266.3 | 266.3 | 256.2 |
| 整備期間 | 2 | 2014 | 1.000 | 0.925 | 0.0 | 39.6 | 113.8 | 153.4 | 153.4 | 141.9 | | | | | | 141.9 | 10.0 | 50.0 | 200.7 | 260.7 | 260.7 | 241.1 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 266.9 | 266.9 | 246.8 |
| 整備期間 | 3 | 2015 | 1.000 | 0.889 | 0.0 | 44.5 | 138.9 | 183.4 | 183.4 | 163.1 | | | | | | 163.1 | 5.0 | 50.0 | 200.7 | 255.7 | 255.7 | 227.3 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 264.4 | 264.4 | 235.0 |
| 整備期間 | 4 | 2016 | 1.000 | 0.855 | 118.0 | 47.0 | 164.0 | 329.0 | 329.0 | 281.3 | | | | | | 281.3 | | | 200.7 | 200.7 | 200.7 | 171.6 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 208.4 | 208.4 | 178.2 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 118.0 | 47.0 | 189.1 | 354.1 | 354.1 | 291.1 | | | | | | 291.1 | | | 201.6 | 201.6 | 201.6 | 165.7 | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 210.0 | 210.0 | 172.6 |
| 施設完成後の評価期間（50年） | 6 | 2018 | 1.000 | 0.790 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 299.6 | | | | | | 299.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| 施設完成後の評価期間（50年） | 7 | 2019 | 1.000 | 0.760 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 288.3 | | | | | | 288.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| 施設完成後の評価期間（50年） | 8 | 2020 | 1.000 | 0.731 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 277.3 | | | | | | 277.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| 施設完成後の評価期間（50年） | 9 | 2021 | 1.000 | 0.703 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 266.6 | | | | | | 266.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| 施設完成後の評価期間（50年） | 10 | 2022 | 1.000 | 0.676 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 256.4 | | | | | | 256.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| 施設完成後の評価期間（50年） | 11 | 2023 | 1.000 | 0.650 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 246.5 | | | | | | 246.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| 施設完成後の評価期間（50年） | 12 | 2024 | 1.000 | 0.625 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 237.1 | | | | | | 237.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| 施設完成後の評価期間（50年） | 13 | 2025 | 1.000 | 0.601 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 228.0 | | | | | | 228.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| 施設完成後の評価期間（50年） | 14 | 2026 | 1.000 | 0.577 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 218.9 | | | | | | 218.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| 施設完成後の評価期間（50年） | 15 | 2027 | 1.000 | 0.555 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 210.5 | | | | | | 210.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| 施設完成後の評価期間（50年） | 16 | 2028 | 1.000 | 0.534 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 202.5 | | | | | | 202.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| 施設完成後の評価期間（50年） | 17 | 2029 | 1.000 | 0.513 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 194.6 | | | | | | 194.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| 施設完成後の評価期間（50年） | 18 | 2030 | 1.000 | 0.494 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 187.4 | | | | | | 187.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| 施設完成後の評価期間（50年） | 19 | 2031 | 1.000 | 0.475 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 180.2 | | | | | | 180.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| 施設完成後の評価期間（50年） | 20 | 2032 | 1.000 | 0.456 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 173.0 | | | | | | 173.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| 施設完成後の評価期間（50年） | 21 | 2033 | 1.000 | 0.439 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 166.5 | | | | | | 166.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| 施設完成後の評価期間（50年） | 22 | 2034 | 1.000 | 0.422 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 160.1 | | | | | | 160.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| 施設完成後の評価期間（50年） | 23 | 2035 | 1.000 | 0.406 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 154.0 | | | | | | 154.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| 施設完成後の評価期間（50年） | 24 | 2036 | 1.000 | 0.390 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 147.9 | | | | | | 147.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| 施設完成後の評価期間（50年） | 25 | 2037 | 1.000 | 0.375 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 142.2 | | | | | | 142.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| 施設完成後の評価期間（50年） | 26 | 2038 | 1.000 | 0.361 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 136.9 | | | | | | 136.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| 施設完成後の評価期間（50年） | 27 | 2039 | 1.000 | 0.347 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 131.6 | | | | | | 131.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| 施設完成後の評価期間（50年） | 28 | 2040 | 1.000 | 0.333 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 126.3 | | | | | | 126.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| 施設完成後の評価期間（50年） | 29 | 2041 | 1.000 | 0.321 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 121.8 | | | | | | 121.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| 施設完成後の評価期間（50年） | 30 | 2042 | 1.000 | 0.308 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 116.8 | | | | | | 116.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| 施設完成後の評価期間（50年） | 31 | 2043 | 1.000 | 0.296 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 112.3 | | | | | | 112.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| 施設完成後の評価期間（50年） | 32 | 2044 | 1.000 | 0.285 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 108.1 | | | | | | 108.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| 施設完成後の評価期間（50年） | 33 | 2045 | 1.000 | 0.274 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 103.9 | | | | | | 103.9 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| 施設完成後の評価期間（50年） | 34 | 2046 | 1.000 | 0.264 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 100.1 | | | | | | 100.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| 施設完成後の評価期間（50年） | 35 | 2047 | 1.000 | 0.253 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 96.0 | | | | | | 96.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| 施設完成後の評価期間（50年） | 36 | 2048 | 1.000 | 0.244 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 92.5 | | | | | | 92.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| 施設完成後の評価期間（50年） | 37 | 2049 | 1.000 | 0.234 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 88.8 | | | | | | 88.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| 施設完成後の評価期間（50年） | 38 | 2050 | 1.000 | 0.225 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 85.3 | | | | | | 85.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| 施設完成後の評価期間（50年） | 39 | 2051 | 1.000 | 0.217 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 82.3 | | | | | | 82.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| 施設完成後の評価期間（50年） | 40 | 2052 | 1.000 | 0.208 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 78.9 | | | | | | 78.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| 施設完成後の評価期間（50年） | 41 | 2053 | 1.000 | 0.200 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 75.9 | | | | | | 75.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| 施設完成後の評価期間（50年） | 42 | 2054 | 1.000 | 0.193 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 73.2 | | | | | | 73.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| 施設完成後の評価期間（50年） | 43 | 2055 | 1.000 | 0.185 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 70.2 | | | | | | 70.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| 施設完成後の評価期間（50年） | 44 | 2056 | 1.000 | 0.178 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 67.5 | | | | | | 67.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| 施設完成後の評価期間（50年） | 45 | 2057 | 1.000 | 0.171 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 64.9 | | | | | | 64.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| 施設完成後の評価期間（50年） | 46 | 2058 | 1.000 | 0.165 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 62.6 | | | | | | 62.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| 施設完成後の評価期間（50年） | 47 | 2059 | 1.000 | 0.158 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 59.9 | | | | | | 59.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| 施設完成後の評価期間（50年） | 48 | 2060 | 1.000 | 0.152 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 57.7 | | | | | | 57.7 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| 施設完成後の評価期間（50年） | 49 | 2061 | 1.000 | 0.146 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 55.4 | | | | | | 55.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| 施設完成後の評価期間（50年） | 50 | 2062 | 1.000 | 0.141 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 53.5 | | | | | | 53.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| 施設完成後の評価期間（50年） | 51 | 2063 | 1.000 | 0.135 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 51.2 | | | | | | 51.2 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| 施設完成後の評価期間（50年） | 52 | 2064 | 1.000 | 0.130 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 49.3 | | | | | | 49.3 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| 施設完成後の評価期間（50年） | 53 | 2065 | 1.000 | 0.125 | 118.0 | 47.0 | 214.3 | 379.3 | 379.3 | 47.4 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 60.4 | | | | | | | | | 4.7 | 4.7 | 4.7 | 0.6 | 4.7 | 4.7 | 0.6 |
| 施設完成後の評価期間（50年） | 54 | 2066 | 1.000 | 0.120 | | | 214.3 | 214.3 | 214.3 | 25.7 | | | | | | 25.7 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 55 | 2067 | 1.000 | 0.116 | | | 214.3 | 214.3 | 214.3 | 24.9 | | | | | | 24.9 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 56 | 2068 | 1.000 | 0.111 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 合計 | | | | | 5,900 | 2,700 | 11,604 | 20,204 | 20,204 | 8,114 | 13 | 91 | 104 | 104 | 13 | B= 8,127 | 216 | 1,095 | 1,793 | 3,105 | 3,111 | 3,351 | 187 | 118 | 166 | 473 | 473 | 204 | 3,578 | 3,584 | C= 3,556 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 81 |
| 総費用(億円) | C | 36 |
| **費用便益比** | **B／C** | **2.3** |
| 純現在価値(億円) | B－C | 45 |
| 経済的内部収益率 | | 9.4% |

# Case ⑥　全体事業（残工期+10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case⑥　全体事業（残工期＋10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 整備期間 | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -7 | 2005 | 1.020 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | 596.3 | | 596.3 | 608.2 | 800.4 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.2 | 800.4 |
| | -6 | 2006 | 1.009 | 1.265 | | 23.1 | | 23.1 | 23.1 | 29.2 | | | | | | 29.2 | | 216.0 | | 216.0 | 217.9 | 275.6 | | 0.2 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.1 | 275.9 |
| | -5 | 2007 | 0.993 | 1.217 | 0.0 | 35.7 | | 35.7 | 35.7 | 43.4 | | | | | | 43.4 | 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | 0.3 | | 0.3 | 0.3 | 0.4 | 77.5 | 77.0 | 93.7 |
| | -4 | 2008 | 0.966 | 1.170 | 0.0 | 35.7 | | 35.7 | 35.7 | 41.8 | | | | | | 41.8 | 72.8 | 12.0 | 133.0 | 217.8 | 210.4 | 246.2 | 0.3 | 0.3 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.9 | 246.8 |
| | -3 | 2009 | 1.000 | 1.125 | 0.0 | 35.7 | 16.6 | 52.3 | 52.3 | 58.9 | | | | | | 58.9 | 11.6 | 30.0 | 346.0 | 387.6 | 387.6 | 436.1 | 1.7 | 0.3 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 389.6 | 438.4 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 38.4 | 59.9 | 98.3 | 98.3 | 106.4 | | | | | | 106.4 | 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.3 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 41.2 | 59.9 | 101.1 | 101.1 | 105.1 | | | | | | 105.1 | 9.8 | 28.0 | 158.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.6 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 41.2 | 79.7 | 120.9 | 120.9 | 120.9 | | | | | | 120.9 | 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 43.9 | 98.7 | 142.6 | 142.6 | 137.1 | | | | | | 137.1 | 10.0 | 50.0 | 185.8 | 245.8 | 245.8 | 236.5 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 251.4 | 251.4 | 241.9 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 43.9 | 121.9 | 165.8 | 165.8 | 153.4 | | | | | | 153.4 | 10.0 | 50.0 | 185.8 | 245.8 | 245.8 | 227.4 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 252.0 | 252.0 | 233.1 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 49.4 | 145.1 | 194.5 | 194.5 | 172.9 | | | | | | 172.9 | 5.0 | 50.0 | 185.8 | 240.8 | 240.8 | 214.1 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 249.5 | 249.5 | 221.8 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 52.2 | 168.4 | 351.8 | 351.8 | 300.8 | | | | | | 300.8 | | | 185.8 | 185.8 | 185.8 | 158.9 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 193.5 | 193.5 | 165.5 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 52.2 | 191.6 | 375.0 | 375.0 | 308.3 | | | | | | 308.3 | | | 186.0 | 186.0 | 186.0 | 152.9 | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 194.4 | 194.4 | 159.8 |
| 施設完成後の評価期間（50年） | 6 | 2018 | 1.000 | 0.790 | 131.2 | 52.2 | 214.9 | 398.3 | 398.3 | 314.6 | | | | | | 314.6 | | | 186.7 | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 320.4 | | | | | | 320.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 308.2 | | | | | | 308.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 296.4 | | | | | | 296.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 285.0 | | | | | | 285.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 274.0 | | | | | | 274.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 263.5 | | | | | | 263.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 253.4 | | | | | | 253.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 243.3 | | | | | | 243.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 234.0 | | | | | | 234.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 225.1 | | | | | | 225.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 216.3 | | | | | | 216.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 208.3 | | | | | | 208.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 200.3 | | | | | | 200.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 192.2 | | | | | | 192.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 185.1 | | | | | | 185.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 177.9 | | | | | | 177.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 171.2 | | | | | | 171.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 164.4 | | | | | | 164.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 158.1 | | | | | | 158.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 152.2 | | | | | | 152.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 146.3 | | | | | | 146.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 140.4 | | | | | | 140.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 135.3 | | | | | | 135.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 129.9 | | | | | | 129.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 124.8 | | | | | | 124.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 120.2 | | | | | | 120.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 115.5 | | | | | | 115.5 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 111.3 | | | | | | 111.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 106.7 | | | | | | 106.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 102.9 | | | | | | 102.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 98.7 | | | | | | 98.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 94.9 | | | | | | 94.9 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 91.5 | | | | | | 91.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 87.7 | | | | | | 87.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 84.3 | | | | | | 84.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 81.4 | | | | | | 81.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 78.0 | | | | | | 78.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 75.0 | | | | | | 75.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 72.1 | | | | | | 72.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 69.6 | | | | | | 69.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 66.6 | | | | | | 66.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 64.1 | | | | | | 64.1 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 61.6 | | | | | | 61.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 59.4 | | | | | | 59.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 56.9 | | | | | | 56.9 | | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 54.8 | | | | | | 54.8 | | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 52.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 65.7 | | | | | | | | | | 4.7 | 4.7 | 4.7 | 0.6 | 4.7 | 4.7 | 0.6 |
| | 54 | 2066 | 1.000 | 0.120 | | | 238.2 | 238.2 | 238.2 | 28.6 | | | | | | 28.6 | | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 55 | 2067 | 1.000 | 0.116 | | | 238.2 | 238.2 | 238.2 | 27.6 | | | | | | 27.6 | | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 56 | 2068 | 1.000 | 0.111 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6.560 | 2.998 | 12.828 | 22.387 | 22.387 | 8.961 | 13 | 91 | 104 | 104 | 13 | B= 8.974 | 216 | 1.095 | 1.905 | 3.030 | 3.036 | 3.285 | 187 | 118 | 166 | 473 | 473 | 204 | 3.502 | 3.508 | C= 3.489 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 90 |
| 総費用(億円) | C | 35 |
| **費用便益比** | **B/C** | **2.6** |
| 純現在価値(億円) | B－C | 55 |
| 経済的内部収益率 | | 10.3% |

# Case ⑦　全体事業（残工期-10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case⑦　全体事業（残工期－10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -7 | 2005 | 1.020 | 1.316 | | 0.0 | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | 596.3 | | 596.3 | 608.2 | 800.4 | | | | 0.0 | 0.0 | 0.0 | 596.3 | 608.2 | 800.4 |
| 整備期間 | -6 | 2006 | 1.009 | 1.265 | | 23.1 | | 23.1 | 23.1 | 29.2 | | | | | | 29.2 | | 216.0 | | 216.0 | 217.9 | 275.6 | | 0.2 | | 0.2 | 0.2 | 0.3 | 216.2 | 218.1 | 275.9 |
| 整備期間 | -5 | 2007 | 0.993 | 1.217 | 0.0 | 35.7 | | 35.7 | 35.7 | 43.4 | | | | | | 43.4 | 77.2 | 0.0 | | 77.2 | 76.7 | 93.3 | | 0.3 | | 0.3 | 0.3 | 0.4 | 77.5 | 77.0 | 93.7 |
| 整備期間 | -4 | 2008 | 0.966 | 1.170 | 0.0 | 35.7 | | 35.7 | 35.7 | 41.8 | | | | | | 41.8 | 72.8 | 12.0 | 133.0 | 217.8 | 210.4 | 246.2 | 0.3 | 0.3 | | 0.5 | 0.5 | 0.6 | 218.3 | 210.9 | 246.8 |
| 整備期間 | -3 | 2009 | 1.000 | 1.125 | 0.0 | 35.7 | 16.6 | 52.3 | 52.3 | 58.9 | | | | | | 58.9 | 11.6 | 30.0 | 346.0 | 387.6 | 387.6 | 436.1 | 1.7 | 0.3 | 0.0 | 2.0 | 2.0 | 2.3 | 389.6 | 389.6 | 438.4 |
| 整備期間 | -2 | 2010 | 1.000 | 1.082 | 0.0 | 38.4 | 59.9 | 98.3 | 98.3 | 106.4 | | | | | | 106.4 | 9.8 | 48.0 | 0.0 | 57.8 | 57.8 | 62.5 | 4.4 | 0.3 | 0.3 | 4.9 | 4.9 | 5.3 | 62.7 | 62.7 | 67.8 |
| 整備期間 | -1 | 2011 | 1.000 | 1.040 | 0.0 | 41.2 | 59.9 | 101.1 | 101.1 | 105.1 | | | | | | 105.1 | 9.8 | 28.0 | 158.0 | 195.8 | 195.8 | 203.6 | 2.5 | 0.6 | 0.3 | 3.4 | 3.4 | 3.5 | 199.2 | 199.2 | 207.1 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 41.2 | 79.7 | 120.9 | 120.9 | 120.9 | | | | | | 120.9 | 10.0 | 15.0 | 152.0 | 177.0 | 177.0 | 177.0 | 3.0 | 1.0 | 0.3 | 4.3 | 4.3 | 4.3 | 181.3 | 181.3 | 181.3 |
| 整備期間 | 1 | 2013 | 1.000 | 0.962 | 0.0 | 43.9 | 98.7 | 142.6 | 142.6 | 137.1 | | | | | | 137.1 | 10.0 | 50.0 | 278.8 | 338.8 | 338.8 | 325.9 | 3.5 | 1.4 | 0.7 | 5.6 | 5.6 | 5.4 | 344.4 | 344.4 | 331.3 |
| 整備期間 | 2 | 2014 | 1.000 | 0.925 | 0.0 | 43.9 | 133.5 | 177.4 | 177.4 | 164.1 | | | | | | 164.1 | 10.0 | 50.0 | 278.8 | 338.8 | 338.8 | 313.4 | 3.5 | 1.7 | 1.0 | 6.2 | 6.2 | 5.7 | 345.0 | 345.0 | 319.1 |
| 整備期間 | 3 | 2015 | 1.000 | 0.889 | 0.0 | 49.4 | 168.4 | 217.8 | 217.8 | 193.6 | | | | | | 193.6 | 5.0 | 50.0 | 278.8 | 333.8 | 333.8 | 296.7 | 3.5 | 2.0 | 3.2 | 8.7 | 8.7 | 7.7 | 342.5 | 342.5 | 304.4 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 52.2 | 203.2 | 386.6 | 386.6 | 330.6 | | | | | | 330.6 | | | 279.8 | 279.8 | 279.8 | 239.2 | 3.5 | 2.3 | 1.8 | 7.7 | 7.7 | 6.6 | 287.5 | 287.5 | 245.8 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 346.6 | | | | | | 346.6 | | | | | | | 3.5 | 2.3 | 2.6 | 8.4 | 8.4 | 6.9 | 8.4 | 8.4 | 6.9 |
| 施設完成後の評価期間（50年） | 6 | 2018 | 1.000 | 0.790 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 333.1 | | | | | | 333.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.8 | 8.6 | 8.6 | 6.8 |
| 施設完成後の評価期間（50年） | 7 | 2019 | 1.000 | 0.760 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 320.4 | | | | | | 320.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.5 | 8.6 | 8.6 | 6.5 |
| 施設完成後の評価期間（50年） | 8 | 2020 | 1.000 | 0.731 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 308.2 | | | | | | 308.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 7.7 | 10.6 | 10.6 | 7.7 |
| 施設完成後の評価期間（50年） | 9 | 2021 | 1.000 | 0.703 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 296.4 | | | | | | 296.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 6.0 | 8.6 | 8.6 | 6.0 |
| 施設完成後の評価期間（50年） | 10 | 2022 | 1.000 | 0.676 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 285.0 | | | | | | 285.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.8 | 8.6 | 8.6 | 5.8 |
| 施設完成後の評価期間（50年） | 11 | 2023 | 1.000 | 0.650 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 274.0 | | | | | | 274.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.6 | 8.6 | 8.6 | 5.6 |
| 施設完成後の評価期間（50年） | 12 | 2024 | 1.000 | 0.625 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 263.5 | | | | | | 263.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.4 | 8.6 | 8.6 | 5.4 |
| 施設完成後の評価期間（50年） | 13 | 2025 | 1.000 | 0.601 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 253.4 | | | | | | 253.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 6.4 | 10.6 | 10.6 | 6.4 |
| 施設完成後の評価期間（50年） | 14 | 2026 | 1.000 | 0.577 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 243.3 | | | | | | 243.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 5.0 | 8.6 | 8.6 | 5.0 |
| 施設完成後の評価期間（50年） | 15 | 2027 | 1.000 | 0.555 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 234.0 | | | | | | 234.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.8 | 8.6 | 8.6 | 4.8 |
| 施設完成後の評価期間（50年） | 16 | 2028 | 1.000 | 0.534 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 225.1 | | | | | | 225.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.6 | 8.6 | 8.6 | 4.6 |
| 施設完成後の評価期間（50年） | 17 | 2029 | 1.000 | 0.513 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 216.3 | | | | | | 216.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.4 | 8.6 | 8.6 | 4.4 |
| 施設完成後の評価期間（50年） | 18 | 2030 | 1.000 | 0.494 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 208.3 | | | | | | 208.3 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 5.2 | 10.6 | 10.6 | 5.2 |
| 施設完成後の評価期間（50年） | 19 | 2031 | 1.000 | 0.475 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 200.3 | | | | | | 200.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 4.1 | 8.6 | 8.6 | 4.1 |
| 施設完成後の評価期間（50年） | 20 | 2032 | 1.000 | 0.456 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 192.2 | | | | | | 192.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.9 | 8.6 | 8.6 | 3.9 |
| 施設完成後の評価期間（50年） | 21 | 2033 | 1.000 | 0.439 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 185.1 | | | | | | 185.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.8 | 8.6 | 8.6 | 3.8 |
| 施設完成後の評価期間（50年） | 22 | 2034 | 1.000 | 0.422 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 177.9 | | | | | | 177.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.6 | 8.6 | 8.6 | 3.6 |
| 施設完成後の評価期間（50年） | 23 | 2035 | 1.000 | 0.406 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 171.2 | | | | | | 171.2 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 4.3 | 10.6 | 10.6 | 4.3 |
| 施設完成後の評価期間（50年） | 24 | 2036 | 1.000 | 0.390 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 164.4 | | | | | | 164.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.4 | 8.6 | 8.6 | 3.4 |
| 施設完成後の評価期間（50年） | 25 | 2037 | 1.000 | 0.375 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 158.1 | | | | | | 158.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.2 | 8.6 | 8.6 | 3.2 |
| 施設完成後の評価期間（50年） | 26 | 2038 | 1.000 | 0.361 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 152.2 | | | | | | 152.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.1 | 8.6 | 8.6 | 3.1 |
| 施設完成後の評価期間（50年） | 27 | 2039 | 1.000 | 0.347 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 146.3 | | | | | | 146.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 3.0 | 8.6 | 8.6 | 3.0 |
| 施設完成後の評価期間（50年） | 28 | 2040 | 1.000 | 0.333 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 140.4 | | | | | | 140.4 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 3.5 | 10.6 | 10.6 | 3.5 |
| 施設完成後の評価期間（50年） | 29 | 2041 | 1.000 | 0.321 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 135.3 | | | | | | 135.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.8 | 8.6 | 8.6 | 2.8 |
| 施設完成後の評価期間（50年） | 30 | 2042 | 1.000 | 0.308 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 129.9 | | | | | | 129.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.6 | 8.6 | 8.6 | 2.6 |
| 施設完成後の評価期間（50年） | 31 | 2043 | 1.000 | 0.296 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 124.8 | | | | | | 124.8 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| 施設完成後の評価期間（50年） | 32 | 2044 | 1.000 | 0.285 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 120.2 | | | | | | 120.2 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.5 | 8.6 | 8.6 | 2.5 |
| 施設完成後の評価期間（50年） | 33 | 2045 | 1.000 | 0.274 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 115.5 | | | | | | 115.5 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.9 | 10.6 | 10.6 | 2.9 |
| 施設完成後の評価期間（50年） | 34 | 2046 | 1.000 | 0.264 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 111.3 | | | | | | 111.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.3 | 8.6 | 8.6 | 2.3 |
| 施設完成後の評価期間（50年） | 35 | 2047 | 1.000 | 0.253 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 106.7 | | | | | | 106.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.2 | 8.6 | 8.6 | 2.2 |
| 施設完成後の評価期間（50年） | 36 | 2048 | 1.000 | 0.244 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 102.9 | | | | | | 102.9 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.1 | 8.6 | 8.6 | 2.1 |
| 施設完成後の評価期間（50年） | 37 | 2049 | 1.000 | 0.234 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 98.7 | | | | | | 98.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 2.0 | 8.6 | 8.6 | 2.0 |
| 施設完成後の評価期間（50年） | 38 | 2050 | 1.000 | 0.225 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 94.9 | | | | | | 94.9 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.4 | 10.6 | 10.6 | 2.4 |
| 施設完成後の評価期間（50年） | 39 | 2051 | 1.000 | 0.217 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 91.5 | | | | | | 91.5 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.9 | 8.6 | 8.6 | 1.9 |
| 施設完成後の評価期間（50年） | 40 | 2052 | 1.000 | 0.208 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 87.7 | | | | | | 87.7 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.8 | 8.6 | 8.6 | 1.8 |
| 施設完成後の評価期間（50年） | 41 | 2053 | 1.000 | 0.200 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 84.3 | | | | | | 84.3 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| 施設完成後の評価期間（50年） | 42 | 2054 | 1.000 | 0.193 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 81.4 | | | | | | 81.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.7 | 8.6 | 8.6 | 1.7 |
| 施設完成後の評価期間（50年） | 43 | 2055 | 1.000 | 0.185 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 78.0 | | | | | | 78.0 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 2.0 | 10.6 | 10.6 | 2.0 |
| 施設完成後の評価期間（50年） | 44 | 2056 | 1.000 | 0.178 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 75.0 | | | | | | 75.0 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| 施設完成後の評価期間（50年） | 45 | 2057 | 1.000 | 0.171 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 72.1 | | | | | | 72.1 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.5 | 8.6 | 8.6 | 1.5 |
| 施設完成後の評価期間（50年） | 46 | 2058 | 1.000 | 0.165 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 69.6 | | | | | | 69.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| 施設完成後の評価期間（50年） | 47 | 2059 | 1.000 | 0.158 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 66.6 | | | | | | 66.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.4 | 8.6 | 8.6 | 1.4 |
| 施設完成後の評価期間（50年） | 48 | 2060 | 1.000 | 0.152 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 64.1 | | | | | | 64.1 | | | | | | | 3.5 | 2.3 | 4.7 | 10.6 | 10.6 | 1.6 | 10.6 | 10.6 | 1.6 |
| 施設完成後の評価期間（50年） | 49 | 2061 | 1.000 | 0.146 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 61.6 | | | | | | 61.6 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.3 | 8.6 | 8.6 | 1.3 |
| 施設完成後の評価期間（50年） | 50 | 2062 | 1.000 | 0.141 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 59.4 | | | | | | 59.4 | | | | | | | 3.5 | 2.3 | 2.7 | 8.6 | 8.6 | 1.2 | 8.6 | 8.6 | 1.2 |
| 施設完成後の評価期間（50年） | 51 | 2063 | 1.000 | 0.135 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 56.9 | | | | | | 56.9 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| 施設完成後の評価期間（50年） | 52 | 2064 | 1.000 | 0.130 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 54.8 | | | | | | 54.8 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.4 | 2.7 | 2.7 | 0.4 |
| 施設完成後の評価期間（50年） | 53 | 2065 | 1.000 | 0.125 | 131.2 | 52.2 | 238.2 | 421.6 | 421.6 | 52.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 65.7 | | | | | | | | | 4.7 | 4.7 | 4.7 | 0.6 | 4.7 | 4.7 | 0.6 |
| | 54 | 2066 | 1.000 | 0.120 | | | 238.2 | 238.2 | 238.2 | 28.6 | | | | | | 28.6 | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 55 | 2067 | 1.000 | 0.116 | | | 238.2 | 238.2 | 238.2 | 27.6 | | | | | | | | | | | | | | | 2.7 | 2.7 | 2.7 | 0.3 | 2.7 | 2.7 | 0.3 |
| | 56 | 2068 | 1.000 | 0.111 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 0.0 | 0.0 | 0.0 | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6,560 | 2,998 | 12,968 | 22,526 | 22,526 | 9,079 | 13 | 91 | 104 | 104 | 13 | B= 9,064 | 216 | 1,095 | 1,905 | 3,217 | 3,223 | 3,470 | 187 | 118 | 166 | 473 | 473 | 204 | 3,689 | 3,695 | C= 3,674 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 91 |
| 総費用(億円) | C | 37 |
| **費用便益比** | **B/C** | **2.5** |
| 純現在価値(億円) | B－C | 54 |
| 経済的内部収益率 | | 10.1% |

# Case ⑧　残事業

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位:百万円）

Case⑧　残事業

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 便益 西鹿島水辺整備 | 便益 天竜川自然再生 | 便益 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 残存価値② 便益 西鹿島水辺整備 | 残存価値② 便益 小計 | 残存価値② 実質価格 | 残存価値② 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 建設費③ 費用 西鹿島水辺整備 | 建設費③ 費用 天竜川自然再生 | 建設費③ 費用 小計 | 建設費③ 実質価格 | 建設費③ 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 維持管理費④ 費用 西鹿島水辺整備 | 維持管理費④ 費用 天竜川自然再生 | 維持管理費④ 費用 小計 | 維持管理費④ 実質価格 | 維持管理費④ 現在価値 | 計③+④ 費用 | 計③+④ 実質価格 | 計③+④ 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -15 | 1997 | 0.958 | 1.801 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -14 | 1998 | 0.978 | 1.732 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -13 | 1999 | 0.988 | 1.665 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -12 | 2000 | 0.990 | 1.601 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -11 | 2001 | 1.015 | 1.539 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -10 | 2002 | 1.029 | 1.480 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -9 | 2003 | 1.029 | 1.423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -8 | 2004 | 1.025 | 1.369 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -7 | 2005 | 1.020 | 1.316 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.009 | 1.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.993 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.966 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.000 | 1.125 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 2.8 | | 2.8 | 2.8 | 2.7 | | | | | | 2.7 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 272.2 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 287.9 | 287.9 | 276.9 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 2.8 | 27.9 | 30.7 | 30.7 | 28.4 | | | | | | 28.4 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 261.8 | 3.5 | 1.7 | 0.26 | 5.4 | 5.4 | 5.0 | 288.4 | 288.4 | 266.8 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 8.3 | 55.8 | 64.1 | 64.1 | 56.9 | | | | | | 56.9 | 5.0 | 50.0 | 223.0 | 278.0 | 278.0 | 247.1 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 286.0 | 286.0 | 254.2 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 11.0 | 83.6 | 225.8 | 225.8 | 193.1 | | | | | | 193.1 | | | 223.0 | 223.0 | 223.0 | 190.7 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 229.9 | 229.9 | 196.6 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 11.0 | 111.5 | 253.7 | 253.7 | 208.5 | | | | | | 208.5 | | | 224.0 | 224.0 | 224.0 | 184.1 | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 231.7 | 231.7 | 190.4 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 222.5 | | | | | | 222.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 214.1 | | | | | | 214.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 205.9 | | | | | | 205.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 198.0 | | | | | | 198.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 190.4 | | | | | | 190.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 183.1 | | | | | | 183.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 176.1 | | | | | | 176.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 169.3 | | | | | | 169.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 162.5 | | | | | | 162.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 156.3 | | | | | | 156.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 150.4 | | | | | | 150.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 144.5 | | | | | | 144.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 139.2 | | | | | | 139.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 133.8 | | | | | | 133.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 128.5 | | | | | | 128.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 123.7 | | | | | | 123.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 118.9 | | | | | | 118.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 114.4 | | | | | | 114.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 109.9 | | | | | | 109.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 105.6 | | | | | | 105.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 101.7 | | | | | | 101.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 97.7 | | | | | | 97.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 93.8 | | | | | | 93.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 90.4 | | | | | | 90.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 86.8 | | | | | | 86.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 83.4 | | | | | | 83.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 80.3 | | | | | | 80.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 77.2 | | | | | | 77.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 74.4 | | | | | | 74.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 71.3 | | | | | | 71.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 68.7 | | | | | | 68.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 65.9 | | | | | | 65.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 63.4 | | | | | | 63.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 61.1 | | | | | | 61.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 58.6 | | | | | | 58.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 56.3 | | | | | | 56.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 54.4 | | | | | | 54.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 52.1 | | | | | | 52.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 50.1 | | | | | | 50.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 48.2 | | | | | | 48.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 46.5 | | | | | | 46.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 44.5 | | | | | | 44.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 42.8 | | | | | | 42.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 41.1 | | | | | | 41.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 39.7 | | | | | | 39.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 38.0 | | | | | | 38.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 36.6 | | | | | | 36.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 35.2 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 48.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| | 54 | 2066 | 1.000 | 0.120 | | | 139.5 | 139.5 | 139.5 | 16.7 | | | | | | 16.7 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | 139.5 | 139.5 | 139.5 | 16.2 | | | | | | | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6,560 | 564 | 7,254 | 14,378 | 14,378 | 5,430 | 13 | 91.2 | 104 | 104 | 13.0 | B= 5,427 | 25 | 150 | 1,116 | 1,291 | 1,291 | 1,156 | 186 | 122 | 125.7 | 431 | 431 | 172 | 1,722 | 1,722 | C= 1,328 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 54 |
| 総費用(億円) | C | 13 |
| **費用便益比** | **B／C** | **4.2** |
| 純現在価値(億円) | B－C | 41 |
| 経済的内部収益率 | | 20.3% |

# Case ⑨　残事業（事業費+10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位:百万円）

Case⑨　残事業（事業費＋10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -15 | 1997 | 0.958 | 1.801 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -14 | 1998 | 0.978 | 1.732 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -13 | 1999 | 0.988 | 1.665 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -12 | 2000 | 0.990 | 1.601 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -11 | 2001 | 1.015 | 1.539 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -10 | 2002 | 1.029 | 1.480 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -9 | 2003 | 1.029 | 1.423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -8 | 2004 | 1.025 | 1.369 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -7 | 2005 | 1.020 | 1.316 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.009 | 1.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.993 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.966 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.000 | 1.125 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 2.8 | | 2.8 | 2.8 | 2.7 | | | | | | 2.7 | 11.0 | 55.0 | 245.3 | 311.3 | 311.3 | 299.5 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 316.2 | 316.2 | 304.2 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 2.8 | 27.9 | 30.7 | 30.7 | 28.4 | | | | | | 28.4 | 11.0 | 55.0 | 245.3 | 311.3 | 311.3 | 288.0 | 3.5 | 1.7 | 0.3 | 5.4 | 5.4 | 5.0 | 316.7 | 316.7 | 293.0 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 8.3 | 55.8 | 64.1 | 64.1 | 56.9 | | | | | | 56.9 | 5.5 | 55.0 | 245.3 | 305.8 | 305.8 | 271.9 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 313.8 | 313.8 | 279.0 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 11.0 | 83.6 | 225.8 | 225.8 | 193.1 | | | | | | 193.1 | | | 245.3 | 245.3 | 245.3 | 209.7 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 252.2 | 252.2 | 215.6 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 11.0 | 111.5 | 253.7 | 253.7 | 208.5 | | | | | | 208.5 | | | 246.4 | 246.4 | 246.4 | 202.5 | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 254.1 | 254.1 | 208.8 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 222.5 | | | | | | 222.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 214.1 | | | | | | 214.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 205.9 | | | | | | 205.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 198.0 | | | | | | 198.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 190.4 | | | | | | 190.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 183.1 | | | | | | 183.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 176.1 | | | | | | 176.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 169.3 | | | | | | 169.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 162.5 | | | | | | 162.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 156.3 | | | | | | 156.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 150.4 | | | | | | 150.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 144.5 | | | | | | 144.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 139.2 | | | | | | 139.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 133.8 | | | | | | 133.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 128.5 | | | | | | 128.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 123.7 | | | | | | 123.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 118.9 | | | | | | 118.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 114.4 | | | | | | 114.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 109.9 | | | | | | 109.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 105.6 | | | | | | 105.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 101.7 | | | | | | 101.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 97.7 | | | | | | 97.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 93.8 | | | | | | 93.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 90.4 | | | | | | 90.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 86.8 | | | | | | 86.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 83.4 | | | | | | 83.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 80.3 | | | | | | 80.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 77.2 | | | | | | 77.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 74.4 | | | | | | 74.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 71.3 | | | | | | 71.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 68.7 | | | | | | 68.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 65.9 | | | | | | 65.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 63.4 | | | | | | 63.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 61.1 | | | | | | 61.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 58.6 | | | | | | 58.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 56.3 | | | | | | 56.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 54.4 | | | | | | 54.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 52.1 | | | | | | 52.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 50.1 | | | | | | 50.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 48.2 | | | | | | 48.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 46.5 | | | | | | 46.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 44.5 | | | | | | 44.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 42.8 | | | | | | 42.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 41.1 | | | | | | 41.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 39.7 | | | | | | 39.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 38.0 | | | | | | 38.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 36.6 | | | | | | 36.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 35.2 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 48.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| | 54 | 2066 | 1.000 | 0.120 | | | 139.5 | 139.5 | 139.5 | 16.7 | | | | | | 16.7 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | 139.5 | 139.5 | 139.5 | 16.2 | | | | | | | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6,560 | 564 | 7,254 | 14,378 | 14,378 | 5,430 | 13 | 91.2 | 104 | 104 | 13.0 | B= 5,427 | 28 | 165 | 1,228 | 1,420 | 1,420 | 1,272 | 186 | 122 | 125.7 | 431 | 431 | 172 | 1,851 | 1,851 | C= 1,444 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 54 |
| 総費用(億円) | C | 14 |
| **費用便益比** | **B／C** | **3.9** |
| 純現在価値(億円) | B－C | 40 |
| 経済的内部収益率 | | 18.5% |

# Case ⑩　残事業（事業費-10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位:百万円）

Case⑩　残事業（事業費－10%）

| 年次 | 年度 | | デフレータ | 割引率 | 便益:B | | | | | | | | | | | | 費用:C | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | | 残存価値② | | | | | | 計 | 建設費③ | | | | | | 維持管理費④ | | | | | | 計③+④ | | |
| | | | | | 便益 | | | | | | 便益 | | | | | | | 費用 | | | | | | 費用 | | | | | | | | |
| | t | 西暦 | | | 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | | (①+②) | 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -16 | 1996 | 0.962 | 1.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -15 | 1997 | 0.958 | 1.801 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -14 | 1998 | 0.978 | 1.732 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -13 | 1999 | 0.988 | 1.665 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -12 | 2000 | 0.990 | 1.601 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -11 | 2001 | 1.015 | 1.539 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -10 | 2002 | 1.029 | 1.480 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -9 | 2003 | 1.029 | 1.423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -8 | 2004 | 1.025 | 1.369 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -7 | 2005 | 1.020 | 1.316 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.009 | 1.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.993 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.966 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.000 | 1.129 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 2.8 | | 2.8 | 2.8 | 2.7 | | | | | | | 2.7 | 9.0 | 45.0 | 200.7 | 254.7 | 254.7 | 245.0 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 259.6 | 259.6 | 249.7 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 2.8 | 27.9 | 30.7 | 30.7 | 28.4 | | | | | | | 28.4 | 9.0 | 45.0 | 200.7 | 254.7 | 254.7 | 235.6 | 3.5 | 1.7 | 0.3 | 5.4 | 5.4 | 5.0 | 260.1 | 260.1 | 240.6 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 8.3 | 55.8 | 64.1 | 64.1 | 56.9 | | | | | | | 56.9 | 4.5 | 45.0 | 200.7 | 250.2 | 250.2 | 222.4 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 258.2 | 258.2 | 229.5 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 11.0 | 83.6 | 225.8 | 225.8 | 193.1 | | | | | | | 193.1 | | | 200.7 | 200.7 | 200.7 | 171.6 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 207.6 | 207.6 | 177.5 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 131.2 | 11.0 | 111.5 | 253.7 | 253.7 | 208.5 | | | | | | | 208.5 | | | 201.6 | 201.6 | 201.6 | 165.7 | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 209.3 | 209.3 | 172.0 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 222.5 | | | | | | | 222.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 214.1 | | | | | | | 214.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 205.9 | | | | | | | 205.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 198.0 | | | | | | | 198.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 190.4 | | | | | | | 190.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 183.1 | | | | | | | 183.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 176.1 | | | | | | | 176.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 169.3 | | | | | | | 169.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 162.5 | | | | | | | 162.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 156.3 | | | | | | | 156.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 150.4 | | | | | | | 150.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 144.5 | | | | | | | 144.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 139.2 | | | | | | | 139.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 133.8 | | | | | | | 133.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 128.5 | | | | | | | 128.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 123.7 | | | | | | | 123.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 118.9 | | | | | | | 118.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 114.4 | | | | | | | 114.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 109.9 | | | | | | | 109.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 105.6 | | | | | | | 105.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 101.7 | | | | | | | 101.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 97.7 | | | | | | | 97.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 93.8 | | | | | | | 93.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 90.4 | | | | | | | 90.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 86.8 | | | | | | | 86.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 83.4 | | | | | | | 83.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 80.3 | | | | | | | 80.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 77.2 | | | | | | | 77.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 74.4 | | | | | | | 74.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 71.3 | | | | | | | 71.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 68.7 | | | | | | | 68.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 65.9 | | | | | | | 65.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 63.4 | | | | | | | 63.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 61.1 | | | | | | | 61.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 58.6 | | | | | | | 58.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 56.3 | | | | | | | 56.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 54.4 | | | | | | | 54.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 52.1 | | | | | | | 52.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 50.1 | | | | | | | 50.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 48.2 | | | | | | | 48.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 46.5 | | | | | | | 46.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 44.5 | | | | | | | 44.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 42.8 | | | | | | | 42.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 41.1 | | | | | | | 41.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 39.7 | | | | | | | 39.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 38.0 | | | | | | | 38.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 36.6 | | | | | | | 36.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 35.2 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | | 48.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| | 54 | 2066 | 1.000 | 0.120 | | | 139.5 | 139.5 | 139.5 | 16.7 | | | | | | | 16.7 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | 139.5 | 139.5 | 139.5 | 16.2 | | | | | | | | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6,560 | 564 | 7,254 | 14,378 | 14,378 | 5,430 | 13 | 91.2 | 104 | 104 | 13.0 | | B= 5,427 | 23 | 135 | 1,004 | 1,162 | 1,162 | 1,040 | 186 | 122 | 125.7 | 431 | 431 | 172 | 1,593 | 1,593 | C= 1,213 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 54 |
| 総費用(億円) | C | 12 |
| **費用便益比** | **B／C** | **4.5** |
| 純現在価値(億円) | B－C | 42 |
| 経済的内部収益率 | | 22.4% |

# Case ⑪　残事業（受益世帯数+10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位:百万円）

Case⑪　残事業（受益世帯数＋10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -15 | 1997 | 0.958 | 1.801 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -14 | 1998 | 0.978 | 1.732 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -13 | 1999 | 0.988 | 1.665 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -12 | 2000 | 0.990 | 1.601 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -11 | 2001 | 1.015 | 1.539 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -10 | 2002 | 1.029 | 1.480 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -9 | 2003 | 1.029 | 1.423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -8 | 2004 | 1.025 | 1.369 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -7 | 2005 | 1.020 | 1.316 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.009 | 1.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.993 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.966 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.000 | 1.125 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 3.0 | | 3.0 | 3.0 | 2.9 | | | | | | 2.9 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 272.2 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 287.9 | 287.9 | 276.9 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 3.0 | 30.7 | 33.7 | 33.7 | 31.1 | | | | | | 31.1 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 261.8 | 3.5 | 1.7 | 0.3 | 5.4 | 5.4 | 5.0 | 288.4 | 288.4 | 266.8 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 9.1 | 61.3 | 70.4 | 70.4 | 62.6 | | | | | | 62.6 | 5.0 | 50.0 | 223.0 | 278.0 | 278.0 | 247.1 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 286.0 | 286.0 | 254.2 |
| | 4 | 2016 | 1.000 | 0.855 | 144.3 | 12.1 | 92.0 | 248.4 | 248.4 | 212.4 | | | | | | 212.4 | | | 223.0 | 223.0 | 223.0 | 190.7 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 229.9 | 229.9 | 196.6 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 144.3 | 12.1 | 122.7 | 279.1 | 279.1 | 229.4 | | | | | | 229.4 | | | 224.0 | 224.0 | 224.0 | 184.1 | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 231.7 | 231.7 | 190.4 |
| | 6 | 2018 | 1.000 | 0.790 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 244.8 | | | | | | 244.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| | 7 | 2019 | 1.000 | 0.760 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 235.5 | | | | | | 235.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| | 8 | 2020 | 1.000 | 0.731 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 226.5 | | | | | | 226.5 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| | 9 | 2021 | 1.000 | 0.703 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 217.9 | | | | | | 217.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| | 10 | 2022 | 1.000 | 0.676 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 209.5 | | | | | | 209.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| | 11 | 2023 | 1.000 | 0.650 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 201.4 | | | | | | 201.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| | 12 | 2024 | 1.000 | 0.625 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 193.7 | | | | | | 193.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| | 13 | 2025 | 1.000 | 0.601 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 186.2 | | | | | | 186.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| | 14 | 2026 | 1.000 | 0.577 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 178.8 | | | | | | 178.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| | 15 | 2027 | 1.000 | 0.555 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 172.0 | | | | | | 172.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| | 16 | 2028 | 1.000 | 0.534 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 165.5 | | | | | | 165.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| | 17 | 2029 | 1.000 | 0.513 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 159.0 | | | | | | 159.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| | 18 | 2030 | 1.000 | 0.494 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 153.1 | | | | | | 153.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| | 19 | 2031 | 1.000 | 0.475 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 147.2 | | | | | | 147.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| | 20 | 2032 | 1.000 | 0.456 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 141.3 | | | | | | 141.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| | 21 | 2033 | 1.000 | 0.439 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 136.0 | | | | | | 136.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| | 22 | 2034 | 1.000 | 0.422 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 130.8 | | | | | | 130.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| | 23 | 2035 | 1.000 | 0.406 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 125.8 | | | | | | 125.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| | 24 | 2036 | 1.000 | 0.390 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 120.9 | | | | | | 120.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| | 25 | 2037 | 1.000 | 0.375 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 116.2 | | | | | | 116.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| | 26 | 2038 | 1.000 | 0.361 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 111.9 | | | | | | 111.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| | 27 | 2039 | 1.000 | 0.347 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 107.5 | | | | | | 107.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| | 28 | 2040 | 1.000 | 0.333 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 103.2 | | | | | | 103.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| | 29 | 2041 | 1.000 | 0.321 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 99.5 | | | | | | 99.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| | 30 | 2042 | 1.000 | 0.308 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 95.4 | | | | | | 95.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| | 31 | 2043 | 1.000 | 0.296 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 91.7 | | | | | | 91.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| | 32 | 2044 | 1.000 | 0.285 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 88.3 | | | | | | 88.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| | 33 | 2045 | 1.000 | 0.274 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 84.9 | | | | | | 84.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| | 34 | 2046 | 1.000 | 0.264 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 81.8 | | | | | | 81.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| | 35 | 2047 | 1.000 | 0.253 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 78.4 | | | | | | 78.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| | 36 | 2048 | 1.000 | 0.244 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 75.6 | | | | | | 75.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| | 37 | 2049 | 1.000 | 0.234 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 72.5 | | | | | | 72.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| | 38 | 2050 | 1.000 | 0.225 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 69.7 | | | | | | 69.7 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| | 39 | 2051 | 1.000 | 0.217 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 67.2 | | | | | | 67.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| | 40 | 2052 | 1.000 | 0.208 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 64.5 | | | | | | 64.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 41 | 2053 | 1.000 | 0.200 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 62.0 | | | | | | 62.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 42 | 2054 | 1.000 | 0.193 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 59.8 | | | | | | 59.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| | 43 | 2055 | 1.000 | 0.185 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 57.3 | | | | | | 57.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| | 44 | 2056 | 1.000 | 0.178 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 55.2 | | | | | | 55.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| | 45 | 2057 | 1.000 | 0.171 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 53.0 | | | | | | 53.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 46 | 2058 | 1.000 | 0.165 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 51.1 | | | | | | 51.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 47 | 2059 | 1.000 | 0.158 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 49.0 | | | | | | 49.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| | 48 | 2060 | 1.000 | 0.152 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 47.1 | | | | | | 47.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| | 49 | 2061 | 1.000 | 0.146 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 45.2 | | | | | | 45.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 50 | 2062 | 1.000 | 0.141 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 43.7 | | | | | | 43.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 51 | 2063 | 1.000 | 0.135 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 41.8 | | | | | | 41.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 52 | 2064 | 1.000 | 0.130 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 40.3 | | | | | | 40.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| | 53 | 2065 | 1.000 | 0.125 | 144.3 | 12.1 | 153.5 | 309.9 | 309.9 | 38.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 51.7 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| | 54 | 2066 | 1.000 | 0.120 | | | 153.5 | 153.5 | 153.5 | 18.4 | | | | | | 18.4 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | 153.5 | 153.5 | 153.5 | 17.8 | | | | | | | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 7,215 | 620 | 7,982 | 15,817 | 15,817 | 5,973 | 13 | 91.2 | 104 | 104 | 13.0 | B= 5,968 | 25 | 150 | 1,116 | 1,291 | 1,291 | 1,156 | 186 | 122 | 125.7 | 431 | 431 | 172 | 1,722 | 1,722 | C= 1,328 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 60 |
| 総費用(億円) | C | 13 |
| **費用便益比** | **B／C** | **4.6** |
| 純現在価値(億円) | B－C | 47 |
| 経済的内部収益率 | | 22.3% |

# Case ⑫　残事業（受益世帯数-10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位:百万円）

Case⑫　残事業（受益世帯数－10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -15 | 1997 | 0.958 | 1.801 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -14 | 1998 | 0.978 | 1.732 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -13 | 1999 | 0.988 | 1.665 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -12 | 2000 | 0.990 | 1.601 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -11 | 2001 | 1.015 | 1.539 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -10 | 2002 | 1.029 | 1.480 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -9 | 2003 | 1.029 | 1.423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -8 | 2004 | 1.025 | 1.369 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -7 | 2005 | 1.020 | 1.316 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.009 | 1.265 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.993 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.966 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.000 | 1.129 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 整備期間 | 1 | 2013 | 1.000 | 0.962 | 0.0 | 2.5 | | 2.5 | 2.5 | 2.4 | | | | | | 2.4 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 272.2 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 287.9 | 287.9 | 276.9 |
| 整備期間 | 2 | 2014 | 1.000 | 0.925 | 0.0 | 2.5 | 25.1 | 27.6 | 27.6 | 25.5 | | | | | | 25.5 | 10.0 | 50.0 | 223.0 | 283.0 | 283.0 | 261.8 | 3.5 | 1.7 | 0.3 | 5.4 | 5.4 | 5.0 | 288.4 | 288.4 | 266.8 |
| 整備期間 | 3 | 2015 | 1.000 | 0.889 | 0.0 | 7.4 | 50.2 | 57.6 | 57.6 | 51.2 | | | | | | 51.2 | 5.0 | 50.0 | 223.0 | 278.0 | 278.0 | 247.1 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 286.0 | 286.0 | 254.2 |
| 整備期間 | 4 | 2016 | 1.000 | 0.855 | 118.0 | 9.9 | 75.3 | 203.2 | 203.2 | 173.7 | | | | | | 173.7 | | | 223.0 | 223.0 | 223.0 | 190.7 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 229.9 | 229.9 | 196.6 |
| 施設完成後の評価期間（50年） | 5 | 2017 | 1.000 | 0.822 | 118.0 | 9.9 | 100.4 | 228.3 | 228.3 | 187.7 | | | | | | 187.7 | | | 224.0 | 224.0 | 224.0 | 184.1 | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 231.7 | 231.7 | 190.4 |
| 施設完成後の評価期間（50年） | 6 | 2018 | 1.000 | 0.790 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 200.3 | | | | | | 200.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| 施設完成後の評価期間（50年） | 7 | 2019 | 1.000 | 0.760 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 192.7 | | | | | | 192.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| 施設完成後の評価期間（50年） | 8 | 2020 | 1.000 | 0.731 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 185.3 | | | | | | 185.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| 施設完成後の評価期間（50年） | 9 | 2021 | 1.000 | 0.703 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 178.2 | | | | | | 178.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| 施設完成後の評価期間（50年） | 10 | 2022 | 1.000 | 0.676 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 171.4 | | | | | | 171.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| 施設完成後の評価期間（50年） | 11 | 2023 | 1.000 | 0.650 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 164.8 | | | | | | 164.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| 施設完成後の評価期間（50年） | 12 | 2024 | 1.000 | 0.625 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 158.4 | | | | | | 158.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| 施設完成後の評価期間（50年） | 13 | 2025 | 1.000 | 0.601 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 152.4 | | | | | | 152.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| 施設完成後の評価期間（50年） | 14 | 2026 | 1.000 | 0.577 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 146.3 | | | | | | 146.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| 施設完成後の評価期間（50年） | 15 | 2027 | 1.000 | 0.555 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 140.7 | | | | | | 140.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| 施設完成後の評価期間（50年） | 16 | 2028 | 1.000 | 0.534 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 135.4 | | | | | | 135.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| 施設完成後の評価期間（50年） | 17 | 2029 | 1.000 | 0.513 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 130.0 | | | | | | 130.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| 施設完成後の評価期間（50年） | 18 | 2030 | 1.000 | 0.494 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 125.2 | | | | | | 125.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| 施設完成後の評価期間（50年） | 19 | 2031 | 1.000 | 0.475 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 120.4 | | | | | | 120.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| 施設完成後の評価期間（50年） | 20 | 2032 | 1.000 | 0.456 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 115.6 | | | | | | 115.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| 施設完成後の評価期間（50年） | 21 | 2033 | 1.000 | 0.439 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 111.3 | | | | | | 111.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| 施設完成後の評価期間（50年） | 22 | 2034 | 1.000 | 0.422 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 107.0 | | | | | | 107.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| 施設完成後の評価期間（50年） | 23 | 2035 | 1.000 | 0.406 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 102.9 | | | | | | 102.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| 施設完成後の評価期間（50年） | 24 | 2036 | 1.000 | 0.390 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 98.9 | | | | | | 98.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| 施設完成後の評価期間（50年） | 25 | 2037 | 1.000 | 0.375 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 95.1 | | | | | | 95.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| 施設完成後の評価期間（50年） | 26 | 2038 | 1.000 | 0.361 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 91.5 | | | | | | 91.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| 施設完成後の評価期間（50年） | 27 | 2039 | 1.000 | 0.347 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 88.0 | | | | | | 88.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| 施設完成後の評価期間（50年） | 28 | 2040 | 1.000 | 0.333 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 84.4 | | | | | | 84.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| 施設完成後の評価期間（50年） | 29 | 2041 | 1.000 | 0.321 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 81.4 | | | | | | 81.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| 施設完成後の評価期間（50年） | 30 | 2042 | 1.000 | 0.308 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 78.1 | | | | | | 78.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| 施設完成後の評価期間（50年） | 31 | 2043 | 1.000 | 0.296 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 75.0 | | | | | | 75.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| 施設完成後の評価期間（50年） | 32 | 2044 | 1.000 | 0.285 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 72.2 | | | | | | 72.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| 施設完成後の評価期間（50年） | 33 | 2045 | 1.000 | 0.274 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 69.5 | | | | | | 69.5 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| 施設完成後の評価期間（50年） | 34 | 2046 | 1.000 | 0.264 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 66.9 | | | | | | 66.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| 施設完成後の評価期間（50年） | 35 | 2047 | 1.000 | 0.253 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 64.1 | | | | | | 64.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| 施設完成後の評価期間（50年） | 36 | 2048 | 1.000 | 0.244 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 61.9 | | | | | | 61.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| 施設完成後の評価期間（50年） | 37 | 2049 | 1.000 | 0.234 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 59.3 | | | | | | 59.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| 施設完成後の評価期間（50年） | 38 | 2050 | 1.000 | 0.225 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 57.0 | | | | | | 57.0 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| 施設完成後の評価期間（50年） | 39 | 2051 | 1.000 | 0.217 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 55.0 | | | | | | 55.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| 施設完成後の評価期間（50年） | 40 | 2052 | 1.000 | 0.208 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 52.7 | | | | | | 52.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| 施設完成後の評価期間（50年） | 41 | 2053 | 1.000 | 0.200 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 50.7 | | | | | | 50.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| 施設完成後の評価期間（50年） | 42 | 2054 | 1.000 | 0.193 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 48.9 | | | | | | 48.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| 施設完成後の評価期間（50年） | 43 | 2055 | 1.000 | 0.185 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 46.9 | | | | | | 46.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| 施設完成後の評価期間（50年） | 44 | 2056 | 1.000 | 0.178 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 45.1 | | | | | | 45.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| 施設完成後の評価期間（50年） | 45 | 2057 | 1.000 | 0.171 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 43.3 | | | | | | 43.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| 施設完成後の評価期間（50年） | 46 | 2058 | 1.000 | 0.165 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 41.8 | | | | | | 41.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| 施設完成後の評価期間（50年） | 47 | 2059 | 1.000 | 0.158 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 40.1 | | | | | | 40.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| 施設完成後の評価期間（50年） | 48 | 2060 | 1.000 | 0.152 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 38.5 | | | | | | 38.5 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| 施設完成後の評価期間（50年） | 49 | 2061 | 1.000 | 0.146 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 37.0 | | | | | | 37.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| 施設完成後の評価期間（50年） | 50 | 2062 | 1.000 | 0.141 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 35.7 | | | | | | 35.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| 施設完成後の評価期間（50年） | 51 | 2063 | 1.000 | 0.135 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 34.2 | | | | | | 34.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| 施設完成後の評価期間（50年） | 52 | 2064 | 1.000 | 0.130 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 33.0 | | | | | | 33.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| 施設完成後の評価期間（50年） | 53 | 2065 | 1.000 | 0.125 | 118.0 | 9.9 | 125.6 | 253.5 | 253.5 | 31.7 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 44.7 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| 施設完成後の評価期間（50年） | 54 | 2066 | 1.000 | 0.120 | | | 125.6 | 125.6 | 125.6 | 15.1 | | | | | | 15.1 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | 125.6 | 125.6 | 125.6 | 14.6 | | | | | | | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2069 | 1.000 | 0.107 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 58 | 2070 | 1.000 | 0.103 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 59 | 2071 | 1.000 | 0.099 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 5,900 | 507 | 6,531 | 12,938 | 12,938 | 4,886 | 13 | 91.2 | 104 | 104 | 13.0 | B= 4,885 | 25 | 150 | 1,116 | 1,291 | 1,291 | 1,156 | 186 | 122 | 125.7 | 431 | 431 | 172 | 1,722 | 1,722 | C= 1,328 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 49 |
| 総費用(億円) | C | 13 |
| **費用便益比** | **B／C** | **3.8** |
| 純現在価値(億円) | B－C | 36 |
| 経済的内部収益率 | | 18.3% |

# Case ⑬　残事業（残工期+10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位：百万円）

Case⑬　残事業（残工期＋10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 残存価値② 便益 河輪水辺整備 | 西鹿島水辺整備 | 小計 | 実質価格 | 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 西鹿島水辺整備 | 天竜川自然再生 | 小計 | 実質価格 | 現在価値 | 計③+④ 費用 | 実質価格 | 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -16 | 1996 | 0.962 | 1.873 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 整備期間 | -12 | 2000 | 0.990 | 1.601 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -11 | 2001 | 1.015 | 1.539 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -10 | 2002 | 1.029 | 1.480 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -9 | 2003 | 1.029 | 1.423 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -8 | 2004 | 1.025 | 1.369 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -7 | 2005 | 1.020 | 1.316 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -6 | 2006 | 1.009 | 1.265 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -5 | 2007 | 0.993 | 1.217 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -4 | 2008 | 0.966 | 1.170 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -3 | 2009 | 1.000 | 1.125 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -2 | 2010 | 1.000 | 1.082 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -1 | 2011 | 1.000 | 1.040 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0 | 2012 | 1.000 | 1.000 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 2.8 | | 2.8 | 2.8 | 2.7 | | | | | | 2.7 | 10.0 | 50.0 | 185.8 | 245.8 | 245.8 | 236.5 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 250.7 | 250.7 | 241.2 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 2.8 | | 2.8 | 2.8 | 2.6 | | | | | | 2.6 | 10.0 | 50.0 | 185.8 | 245.8 | 245.8 | 227.4 | 3.5 | 1.7 | 0.3 | 5.4 | 5.4 | 5.0 | 251.2 | 251.2 | 232.4 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 8.3 | 23.2 | 31.5 | 31.5 | 28.0 | | | | | | 28.0 | 5.0 | 50.0 | 185.8 | 240.8 | 240.8 | 214.1 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 248.8 | 248.8 | 221.2 |
| | 4 | 2016 | 1.000 | 0.855 | 131.2 | 11.0 | 46.5 | 188.7 | 188.7 | 161.3 | | | | | | 161.3 | | | 185.8 | 185.8 | 185.8 | 158.9 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 192.7 | 192.7 | 164.8 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 11.0 | 69.7 | 211.9 | 211.9 | 174.2 | | | | | | 174.2 | | | 186.0 | 186.0 | 186.0 | 152.9 | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 193.7 | 193.7 | 159.2 |
| 施設完成後の評価期間（50年） | 6 | 2018 | 1.000 | 0.790 | 131.2 | 11.0 | 92.9 | 235.1 | 235.1 | 185.7 | | | | | | 185.7 | | | 186.7 | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 11.0 | 116.2 | 258.4 | 258.4 | 196.4 | | | | | | 196.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 205.9 | | | | | | 205.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 198.0 | | | | | | 198.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 190.4 | | | | | | 190.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 183.1 | | | | | | 183.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 176.1 | | | | | | 176.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 169.3 | | | | | | 169.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 162.5 | | | | | | 162.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 156.3 | | | | | | 156.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 150.4 | | | | | | 150.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 144.5 | | | | | | 144.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 139.2 | | | | | | 139.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 133.8 | | | | | | 133.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 128.5 | | | | | | 128.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 123.7 | | | | | | 123.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 118.9 | | | | | | 118.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 114.4 | | | | | | 114.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 109.9 | | | | | | 109.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 105.6 | | | | | | 105.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 101.7 | | | | | | 101.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 97.7 | | | | | | 97.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 93.8 | | | | | | 93.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 90.4 | | | | | | 90.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 86.8 | | | | | | 86.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 83.4 | | | | | | 83.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 80.3 | | | | | | 80.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 77.2 | | | | | | 77.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 74.4 | | | | | | 74.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 71.3 | | | | | | 71.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 68.7 | | | | | | 68.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 65.9 | | | | | | 65.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 63.4 | | | | | | 63.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 61.1 | | | | | | 61.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 58.6 | | | | | | 58.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 56.3 | | | | | | 56.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 54.4 | | | | | | 54.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 52.1 | | | | | | 52.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 50.1 | | | | | | 50.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 48.2 | | | | | | 48.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 46.5 | | | | | | 46.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 44.5 | | | | | | 44.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 42.8 | | | | | | 42.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 41.1 | | | | | | 41.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 39.7 | | | | | | 39.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 38.0 | | | | | | 38.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 36.6 | | | | | | 36.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 35.2 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 48.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| | 54 | 2066 | 1.000 | 0.120 | | | 139.5 | 139.5 | 139.5 | 16.7 | | | | | | 16.7 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | 139.5 | 139.5 | 139.5 | 16.2 | | | | | | 16.2 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | 139.5 | 139.5 | 139.5 | 15.5 | | | | | | 15.5 | | | | | | | | | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | 139.5 | 139.5 | 139.5 | 14.9 | | | | | | 14.9 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 合計 | | | | | 6,560 | 564 | 7,323 | 14,447 | 14,447 | 5,285 | 13 | 91 | 104 | 104 | 13 | B= 5,298 | 25 | 150 | 1,116 | 1,104 | 1,104 | 990 | 186 | 122 | 126 | 431 | 431 | 172 | 1,536 | 1,536 | C= 1,162 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 53 |
| 総費用(億円) | C | 12 |
| **費用便益比** | **B／C** | **4.4** |
| 純現在価値(億円) | B－C | 41 |
| 経済的内部収益率 | | 20.7% |

# Case ⑭　残事業（残工期-10%）

【費用便益算定シート・天竜川総合水系環境整備事業】　　（様式－5）

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 共用年度 | |
| 社会的割引率 | 4% |

（単位:百万円）

Case⑭　残事業（残工期－10%）

| 年次 | 年度 t | 年度 西暦 | デフレータ | 割引率 | 便益:B 便益① 便益 河輪水辺整備 | 便益① 便益 西鹿島水辺整備 | 便益① 便益 天竜川自然再生 | 便益① 便益 小計 | 便益① 実質価格 | 便益① 現在価値 | 残存価値② 便益 河輪水辺整備 | 残存価値② 便益 西鹿島水辺整備 | 残存価値② 便益 小計 | 残存価値② 実質価格 | 残存価値② 現在価値 | 計(①+②) | 費用:C 建設費③ 費用 河輪水辺整備 | 建設費③ 費用 西鹿島水辺整備 | 建設費③ 費用 天竜川自然再生 | 建設費③ 費用 小計 | 建設費③ 実質価格 | 建設費③ 現在価値 | 維持管理費④ 費用 河輪水辺整備 | 維持管理費④ 費用 西鹿島水辺整備 | 維持管理費④ 費用 天竜川自然再生 | 維持管理費④ 費用 小計 | 維持管理費④ 実質価格 | 維持管理費④ 現在価値 | 計③+④ 費用 | 計③+④ 実質価格 | 計③+④ 現在価値 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 整備期間 | -16 | 1996 | 0.962 | 1.873 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -15 | 1997 | 0.958 | 1.801 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -14 | 1998 | 0.978 | 1.732 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -13 | 1999 | 0.988 | 1.665 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -12 | 2000 | 0.990 | 1.601 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -11 | 2001 | 1.015 | 1.539 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -10 | 2002 | 1.029 | 1.480 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -9 | 2003 | 1.029 | 1.423 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -8 | 2004 | 1.025 | 1.369 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -7 | 2005 | 1.020 | 1.316 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -6 | 2006 | 1.009 | 1.265 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -5 | 2007 | 0.993 | 1.217 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -4 | 2008 | 0.966 | 1.170 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -3 | 2009 | 1.000 | 1.125 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | 0.0 | | | | 0.0 | 0.0 | 0.0 | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 2.8 | | | | | | | | | | 0.0 | 10.0 | 50.0 | 278.8 | 338.8 | 338.8 | 325.9 | 3.5 | 1.4 | | 4.9 | 4.9 | 4.7 | 343.7 | 343.7 | 330.6 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 2.8 | 34.8 | 37.6 | 37.6 | 34.8 | | | | | | 34.8 | 10.0 | 50.0 | 278.8 | 338.8 | 338.8 | 313.4 | 3.5 | 1.7 | 0.3 | 5.4 | 5.4 | 5.0 | 344.2 | 344.2 | 318.4 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 8.3 | 69.7 | 78.0 | 78.0 | 69.3 | | | | | | 69.3 | 5.0 | 50.0 | 278.8 | 333.8 | 333.8 | 296.7 | 3.5 | 2.0 | 2.5 | 8.0 | 8.0 | 7.1 | 341.8 | 341.8 | 303.8 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 11.0 | 104.5 | 246.7 | 246.7 | 211.0 | | | | | | 211.0 | | | 279.8 | 279.8 | 279.8 | 239.2 | 3.5 | 2.3 | 1.1 | 6.9 | 6.9 | 5.9 | 286.7 | 286.7 | 245.1 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 231.6 | | | | | | 231.6 | | | | | | | 3.5 | 2.3 | 1.9 | 7.7 | 7.7 | 6.3 | 7.7 | 7.7 | 6.3 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 222.5 | | | | | | 222.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 6.2 | 7.8 | 7.8 | 6.2 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 214.1 | | | | | | 214.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.9 | 7.8 | 7.8 | 5.9 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 205.9 | | | | | | 205.9 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 7.2 | 9.8 | 9.8 | 7.2 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 198.0 | | | | | | 198.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.5 | 7.8 | 7.8 | 5.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 190.4 | | | | | | 190.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.3 | 7.8 | 7.8 | 5.3 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 183.1 | | | | | | 183.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 5.1 | 7.8 | 7.8 | 5.1 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 176.1 | | | | | | 176.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.9 | 7.8 | 7.8 | 4.9 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 169.3 | | | | | | 169.3 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 5.9 | 9.8 | 9.8 | 5.9 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 162.5 | | | | | | 162.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.5 | 7.8 | 7.8 | 4.5 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 156.3 | | | | | | 156.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.3 | 7.8 | 7.8 | 4.3 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 150.4 | | | | | | 150.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.2 | 7.8 | 7.8 | 4.2 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 144.5 | | | | | | 144.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 4.0 | 7.8 | 7.8 | 4.0 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 139.2 | | | | | | 139.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.8 | 9.8 | 9.8 | 4.8 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 133.8 | | | | | | 133.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.7 | 7.8 | 7.8 | 3.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 128.5 | | | | | | 128.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.6 | 7.8 | 7.8 | 3.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 123.7 | | | | | | 123.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.4 | 7.8 | 7.8 | 3.4 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 118.9 | | | | | | 118.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.3 | 7.8 | 7.8 | 3.3 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 114.4 | | | | | | 114.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 4.0 | 9.8 | 9.8 | 4.0 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 109.9 | | | | | | 109.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 3.0 | 7.8 | 7.8 | 3.0 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 105.6 | | | | | | 105.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.9 | 7.8 | 7.8 | 2.9 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 101.7 | | | | | | 101.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.8 | 7.8 | 7.8 | 2.8 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 97.7 | | | | | | 97.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.7 | 7.8 | 7.8 | 2.7 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 93.8 | | | | | | 93.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 3.3 | 9.8 | 9.8 | 3.3 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 90.4 | | | | | | 90.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.5 | 7.8 | 7.8 | 2.5 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 86.8 | | | | | | 86.8 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.4 | 7.8 | 7.8 | 2.4 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 83.4 | | | | | | 83.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.3 | 7.8 | 7.8 | 2.3 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 80.3 | | | | | | 80.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.2 | 7.8 | 7.8 | 2.2 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 77.2 | | | | | | 77.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.7 | 9.8 | 9.8 | 2.7 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 74.4 | | | | | | 74.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.1 | 7.8 | 7.8 | 2.1 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 71.3 | | | | | | 71.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 2.0 | 7.8 | 7.8 | 2.0 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 68.7 | | | | | | 68.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.9 | 7.8 | 7.8 | 1.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 65.9 | | | | | | 65.9 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.8 | 7.8 | 7.8 | 1.8 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 63.4 | | | | | | 63.4 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 2.2 | 9.8 | 9.8 | 2.2 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 61.1 | | | | | | 61.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.7 | 7.8 | 7.8 | 1.7 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 58.6 | | | | | | 58.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 56.3 | | | | | | 56.3 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.6 | 7.8 | 7.8 | 1.6 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 54.4 | | | | | | 54.4 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.5 | 7.8 | 7.8 | 1.5 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 52.1 | | | | | | 52.1 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.8 | 9.8 | 9.8 | 1.8 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 50.1 | | | | | | 50.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.4 | 7.8 | 7.8 | 1.4 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 48.2 | | | | | | 48.2 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 46.5 | | | | | | 46.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.3 | 7.8 | 7.8 | 1.3 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 44.5 | | | | | | 44.5 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.2 | 7.8 | 7.8 | 1.2 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 42.8 | | | | | | 42.8 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.5 | 9.8 | 9.8 | 1.5 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 41.1 | | | | | | 41.1 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 39.7 | | | | | | 39.7 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 38.0 | | | | | | 38.0 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.1 | 7.8 | 7.8 | 1.1 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 36.6 | | | | | | 36.6 | | | | | | | 3.5 | 2.3 | 2.0 | 7.8 | 7.8 | 1.0 | 7.8 | 7.8 | 1.0 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 11.0 | 139.5 | 281.7 | 281.7 | 35.2 | 13.1 | 91.2 | 104.3 | 104.3 | 13.0 | 48.2 | | | | | | | 3.5 | 2.3 | 4.0 | 9.8 | 9.8 | 1.2 | 9.8 | 9.8 | 1.2 |
| | 54 | 2066 | 1.000 | 0.120 | | | 139.5 | 139.5 | 139.5 | 16.7 | | | | | | 16.7 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 55 | 2067 | 1.000 | 0.116 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | 2.0 | 2.0 | 2.0 | 0.2 | 2.0 | 2.0 | 0.2 |
| | 56 | 2068 | 1.000 | 0.111 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 57 | 2069 | 1.000 | 0.107 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 58 | 2070 | 1.000 | 0.103 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 59 | 2071 | 1.000 | 0.099 | | | | 0.0 | 0.0 | 0.0 | | | | | | 0.0 | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 合計 | | | | | 6,560 | 564 | 7,184 | 14,305 | 14,305 | 5,471 | 13 | 91 | 104 | 104 | 13 | B= 5,484 | 25 | 150 | 1,116 | 1,291 | 1,291 | 1,175 | 186 | 122 | 126 | 431 | 431 | 172 | 1,723 | 1,723 | C= 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 55 |
| 総費用(億円) | C | 13 |
| **費用便益比** | **B／C** | **4.2** |
| 純現在価値(億円) | B－C | 42 |
| 経済的内部収益率 | | 19.7% |

# ＜天竜川総合水系環境整備事業＞

# （河輪水辺整備事業：再評価）

# 天竜川総合水系環境整備事業（浜松河川国道事務所）
# 河輪水辺整備事業
# ▽感度分析（様式5）目次


Case ①　全体事業

Case ②　全体事業（事業費+10%）

Case ③　全体事業（事業費-10%）

Case ④　全体事業（受益世帯数+10%）

Case ⑤　全体事業（受益世帯数-10%）

~~Case ⑥　全体事業（残工期+10%）~~　※残工期が5年未満のため、算出不用

~~Case ⑦　全体事業（残工期-10%）~~　※残工期が5年未満のため、算出不用

Case ⑧　残事業

Case ⑨　残事業（事業費+10%）

Case ⑩　残事業（事業費-10%）

Case ⑪　残事業（受益世帯数+10%）

Case ⑫　残事業（受益世帯数-10%）

~~Case ⑬　残事業（残工期+10%）~~　※残工期が5年未満のため、算出不用

~~Case ⑭　残事業（残工期-10%）~~　※残工期が5年未満のため、算出不用

# Case ①　全体事業

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(全体事業)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -5 | 2007 | 0.995 | 1.217 | 0.0 | 0.0 | 0.0 | | | 0.0 | 77.2 | 76.8 | 93.5 | 0.00 | 0.00 | 0.00 | 77.2 | 76.8 | 93.5 |
| | -4 | 2008 | 0.968 | 1.170 | 0.0 | 0.0 | 0.0 | | | 0.0 | 72.8 | 70.5 | 82.5 | 0.26 | 0.25 | 0.29 | 73.1 | 70.8 | 82.8 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.6 | 11.6 | 13.1 | 1.7 | 1.7 | 1.9 | 13.3 | 13.3 | 15.0 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.6 | 4.4 | 4.4 | 4.8 | 14.2 | 14.2 | 15.4 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.2 | 2.5 | 2.5 | 2.6 | 12.3 | 12.3 | 12.8 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 10.0 | 3.0 | 3.0 | 3.0 | 13.0 | 13.0 | 13.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 13.1 | 1.6 | 2507.1 | 216.2 | 213.5 | 243.2 | 197.3 | 197.4 | 89.4 | 413.5 | 410.9 | 332.6 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 3.3 |
| **費用便益比** | **B／C** | **7.6** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 18.4% |

# Case ②　全体事業（事業費+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(全体事業:事業費+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -5 | 2007 | 0.995 | 1.217 | 0.0 | 0.0 | 0.0 | | | 0.0 | 77.2 | 76.8 | 93.5 | 0.00 | 0.00 | 0.00 | 77.2 | 76.8 | 93.5 |
| | -4 | 2008 | 0.968 | 1.170 | 0.0 | 0.0 | 0.0 | | | 0.0 | 72.8 | 70.5 | 82.5 | 0.26 | 0.25 | 0.29 | 73.1 | 70.8 | 82.8 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.6 | 11.6 | 13.1 | 1.7 | 1.7 | 1.9 | 13.3 | 13.3 | 15.0 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.6 | 4.4 | 4.4 | 4.8 | 14.2 | 14.2 | 15.4 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.2 | 2.5 | 2.5 | 2.6 | 12.3 | 12.3 | 12.8 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.0 | 11.0 | 11.0 | 3.0 | 3.0 | 3.0 | 14.0 | 14.0 | 14.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.0 | 11.0 | 10.6 | 3.5 | 3.5 | 3.4 | 14.5 | 14.5 | 14.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.0 | 11.0 | 10.2 | 3.5 | 3.5 | 3.2 | 14.5 | 14.5 | 13.4 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.5 | 5.5 | 4.9 | 3.5 | 3.5 | 3.1 | 9.0 | 9.0 | 8.0 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 13.1 | 1.6 | 2507.1 | 219.7 | 217.0 | 246.6 | 197.3 | 197.4 | 89.4 | 417.0 | 414.4 | 336.0 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 3.4 |
| **費用便益比** | **B／C** | **7.4** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 18.3% |

# Case ③　全体事業（事業費-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(全体事業:事業費-10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -5 | 2007 | 0.995 | 1.217 | 0.0 | 0.0 | 0.0 | | | 0.0 | 77.2 | 76.8 | 93.5 | 0.00 | 0.00 | 0.00 | 77.2 | 76.8 | 93.5 |
| | -4 | 2008 | 0.968 | 1.170 | 0.0 | 0.0 | 0.0 | | | 0.0 | 72.8 | 70.5 | 82.5 | 0.26 | 0.25 | 0.29 | 73.1 | 70.8 | 82.8 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.6 | 11.6 | 13.1 | 1.7 | 1.7 | 1.9 | 13.3 | 13.3 | 15.0 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.6 | 4.4 | 4.4 | 4.8 | 14.2 | 14.2 | 15.4 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.2 | 2.5 | 2.5 | 2.6 | 12.3 | 12.3 | 12.8 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.0 | 9.0 | 9.0 | 3.0 | 3.0 | 3.0 | 12.0 | 12.0 | 12.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.0 | 9.0 | 8.7 | 3.5 | 3.5 | 3.4 | 12.5 | 12.5 | 12.1 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.0 | 9.0 | 8.3 | 3.5 | 3.5 | 3.2 | 12.5 | 12.5 | 11.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 4.5 | 4.5 | 4.0 | 3.5 | 3.5 | 3.1 | 8.0 | 8.0 | 7.1 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 13.1 | 1.6 | 2507.1 | 212.7 | 210.0 | 239.9 | 197.3 | 197.4 | 89.4 | 410.0 | 407.4 | 329.3 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 3.3 |
| **費用便益比** | **B／C** | **7.6** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 18.4% |

# Case ④　全体事業（受益世帯数+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(全体事業:受益世帯数+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -5 | 2007 | 0.995 | 1.217 | 0.0 | 0.0 | 0.0 | | | 0.0 | 77.2 | 76.8 | 93.5 | 0.00 | 0.00 | 0.00 | 77.2 | 76.8 | 93.5 |
| | -4 | 2008 | 0.968 | 1.170 | 0.0 | 0.0 | 0.0 | | | 0.0 | 72.8 | 70.5 | 82.5 | 0.26 | 0.25 | 0.29 | 73.1 | 70.8 | 82.8 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.6 | 11.6 | 13.1 | 1.7 | 1.7 | 1.9 | 13.3 | 13.3 | 15.0 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.6 | 4.4 | 4.4 | 4.8 | 14.2 | 14.2 | 15.4 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.2 | 2.5 | 2.5 | 2.6 | 12.3 | 12.3 | 12.8 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 10.0 | 3.0 | 3.0 | 3.0 | 13.0 | 13.0 | 13.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 144.3 | 144.3 | 123.4 | | | 123.4 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 144.3 | 144.3 | 118.6 | | | 118.6 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 144.3 | 144.3 | 114.0 | | | 114.0 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 144.3 | 144.3 | 109.7 | | | 109.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 144.3 | 144.3 | 105.5 | | | 105.5 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 144.3 | 144.3 | 101.4 | | | 101.4 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 144.3 | 144.3 | 97.5 | | | 97.5 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 144.3 | 144.3 | 93.8 | | | 93.8 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 144.3 | 144.3 | 90.2 | | | 90.2 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 144.3 | 144.3 | 86.7 | | | 86.7 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 144.3 | 144.3 | 83.3 | | | 83.3 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 144.3 | 144.3 | 80.1 | | | 80.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 144.3 | 144.3 | 77.1 | | | 77.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 144.3 | 144.3 | 74.0 | | | 74.0 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 144.3 | 144.3 | 71.3 | | | 71.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 144.3 | 144.3 | 68.5 | | | 68.5 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 144.3 | 144.3 | 65.8 | | | 65.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 144.3 | 144.3 | 63.3 | | | 63.3 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 144.3 | 144.3 | 60.9 | | | 60.9 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 144.3 | 144.3 | 58.6 | | | 58.6 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 144.3 | 144.3 | 56.3 | | | 56.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 144.3 | 144.3 | 54.1 | | | 54.1 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 144.3 | 144.3 | 52.1 | | | 52.1 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 144.3 | 144.3 | 50.1 | | | 50.1 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 144.3 | 144.3 | 48.1 | | | 48.1 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 144.3 | 144.3 | 46.3 | | | 46.3 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 144.3 | 144.3 | 44.4 | | | 44.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 144.3 | 144.3 | 42.7 | | | 42.7 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 144.3 | 144.3 | 41.1 | | | 41.1 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 144.3 | 144.3 | 39.5 | | | 39.5 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 144.3 | 144.3 | 38.1 | | | 38.1 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 144.3 | 144.3 | 36.5 | | | 36.5 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 144.3 | 144.3 | 35.2 | | | 35.2 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 144.3 | 144.3 | 33.8 | | | 33.8 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 144.3 | 144.3 | 32.5 | | | 32.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 144.3 | 144.3 | 31.3 | | | 31.3 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 144.3 | 144.3 | 30.0 | | | 30.0 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 144.3 | 144.3 | 28.9 | | | 28.9 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 144.3 | 144.3 | 27.8 | | | 27.8 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 144.3 | 144.3 | 26.7 | | | 26.7 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 144.3 | 144.3 | 25.7 | | | 25.7 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 144.3 | 144.3 | 24.7 | | | 24.7 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 144.3 | 144.3 | 23.8 | | | 23.8 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 144.3 | 144.3 | 22.8 | | | 22.8 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 144.3 | 144.3 | 21.9 | | | 21.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 144.3 | 144.3 | 21.1 | | | 21.1 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 144.3 | 144.3 | 20.3 | | | 20.3 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 144.3 | 144.3 | 19.5 | | | 19.5 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 144.3 | 144.3 | 18.8 | | | 18.8 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 144.3 | 144.3 | 18.0 | | | 18.0 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 7215.0 | 7215.0 | 2755.8 | 13.1 | 1.6 | 2757.4 | 216.2 | 213.5 | 243.2 | 197.3 | 197.4 | 89.4 | 413.5 | 410.9 | 332.6 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 28 |
| 総費用（億円） | C | 3.3 |
| **費用便益比** | **B／C** | **8.5** |
| 純現在価値（億円） | B－C | 25 |
| 経済的内部収益率 | | 19.3% |

# Case ⑤　全体事業（受益世帯数-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(全体事業:受益世帯数-10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -5 | 2007 | 0.995 | 1.217 | 0.0 | 0.0 | 0.0 | | | 0.0 | 77.2 | 76.8 | 93.5 | 0.00 | 0.00 | 0.00 | 77.2 | 76.8 | 93.5 |
| | -4 | 2008 | 0.968 | 1.170 | 0.0 | 0.0 | 0.0 | | | 0.0 | 72.8 | 70.5 | 82.5 | 0.26 | 0.25 | 0.29 | 73.1 | 70.8 | 82.8 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.6 | 11.6 | 13.1 | 1.7 | 1.7 | 1.9 | 13.3 | 13.3 | 15.0 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.6 | 4.4 | 4.4 | 4.8 | 14.2 | 14.2 | 15.4 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.2 | 2.5 | 2.5 | 2.6 | 12.3 | 12.3 | 12.8 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 10.0 | 3.0 | 3.0 | 3.0 | 13.0 | 13.0 | 13.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 118.0 | 118.0 | 100.9 | | | 100.9 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 118.0 | 118.0 | 97.0 | | | 97.0 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 118.0 | 118.0 | 93.2 | | | 93.2 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 118.0 | 118.0 | 89.7 | | | 89.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 118.0 | 118.0 | 86.3 | | | 86.3 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 118.0 | 118.0 | 83.0 | | | 83.0 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 118.0 | 118.0 | 79.8 | | | 79.8 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 118.0 | 118.0 | 76.7 | | | 76.7 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 118.0 | 118.0 | 73.8 | | | 73.8 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 118.0 | 118.0 | 70.9 | | | 70.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 118.0 | 118.0 | 68.1 | | | 68.1 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 118.0 | 118.0 | 65.5 | | | 65.5 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 118.0 | 118.0 | 63.0 | | | 63.0 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 118.0 | 118.0 | 60.5 | | | 60.5 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 118.0 | 118.0 | 58.3 | | | 58.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 118.0 | 118.0 | 56.1 | | | 56.1 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 118.0 | 118.0 | 53.8 | | | 53.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 118.0 | 118.0 | 51.8 | | | 51.8 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 118.0 | 118.0 | 49.8 | | | 49.8 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 118.0 | 118.0 | 47.9 | | | 47.9 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 118.0 | 118.0 | 46.0 | | | 46.0 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 118.0 | 118.0 | 44.3 | | | 44.3 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 118.0 | 118.0 | 42.6 | | | 42.6 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 118.0 | 118.0 | 40.9 | | | 40.9 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 118.0 | 118.0 | 39.3 | | | 39.3 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 118.0 | 118.0 | 37.9 | | | 37.9 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 118.0 | 118.0 | 36.3 | | | 36.3 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 118.0 | 118.0 | 34.9 | | | 34.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 118.0 | 118.0 | 33.6 | | | 33.6 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 118.0 | 118.0 | 32.3 | | | 32.3 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 118.0 | 118.0 | 31.2 | | | 31.2 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 118.0 | 118.0 | 29.9 | | | 29.9 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 118.0 | 118.0 | 28.8 | | | 28.8 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 118.0 | 118.0 | 27.6 | | | 27.6 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 118.0 | 118.0 | 26.6 | | | 26.6 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 118.0 | 118.0 | 25.6 | | | 25.6 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 118.0 | 118.0 | 24.5 | | | 24.5 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 118.0 | 118.0 | 23.6 | | | 23.6 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 118.0 | 118.0 | 22.8 | | | 22.8 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 118.0 | 118.0 | 21.8 | | | 21.8 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 118.0 | 118.0 | 21.0 | | | 21.0 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 118.0 | 118.0 | 20.2 | | | 20.2 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 118.0 | 118.0 | 19.5 | | | 19.5 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 118.0 | 118.0 | 18.6 | | | 18.6 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 118.0 | 118.0 | 17.9 | | | 17.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 118.0 | 118.0 | 17.2 | | | 17.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 118.0 | 118.0 | 16.6 | | | 16.6 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 118.0 | 118.0 | 15.9 | | | 15.9 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 118.0 | 118.0 | 15.3 | | | 15.3 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 118.0 | 118.0 | 14.8 | | | 14.8 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 5900.0 | 5900.0 | 2253.6 | 13.1 | 1.6 | 2255.2 | 216.2 | 213.5 | 243.2 | 197.3 | 197.4 | 89.4 | 413.5 | 410.9 | 332.6 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 23 |
| 総費用（億円） | C | 3.3 |
| **費用便益比** | **B／C** | **7.0** |
| 純現在価値（億円） | B－C | 20 |
| 経済的内部収益率 | | 17.4% |

# Case ⑧　残事業

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(残事業)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.9 | 3.5 | 3.5 | 0.9 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.9 | 3.5 | 3.5 | 0.9 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.9 | 3.5 | 3.5 | 0.9 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.8 | 3.5 | 3.5 | 0.8 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.8 | 3.5 | 3.5 | 0.8 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.8 | 3.5 | 3.5 | 0.8 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.7 | 3.5 | 3.5 | 0.7 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.7 | 3.5 | 3.5 | 0.7 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.7 | 3.5 | 3.5 | 0.7 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.7 | 3.5 | 3.5 | 0.7 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.6 | 3.5 | 3.5 | 0.6 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.6 | 3.5 | 3.5 | 0.6 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.6 | 3.5 | 3.5 | 0.6 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.6 | 3.5 | 3.5 | 0.6 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.5 | 3.5 | 3.5 | 0.5 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.5 | 3.5 | 3.5 | 0.5 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.5 | 3.5 | 3.5 | 0.5 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.5 | 3.5 | 3.5 | 0.5 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.5 | 3.5 | 3.5 | 0.5 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.4 | 3.5 | 3.5 | 0.4 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 1.7 | 0.2 | 2505.7 | 25.0 | 25.0 | 23.3 | 185.5 | 185.5 | 76.8 | 210.5 | 210.5 | 100.1 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 1.0 |
| **費用便益比** | **B／C** | **25** |
| 純現在価値（億円） | B－C | 24 |
| 経済的内部収益率 | | 121.8% |

# Case ⑨　残事業（事業費+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(残事業:事業費+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.0 | 11.0 | 10.6 | 3.5 | 3.5 | 3.4 | 14.5 | 14.5 | 14.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.0 | 11.0 | 10.2 | 3.5 | 3.5 | 3.2 | 14.5 | 14.5 | 13.4 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.5 | 5.5 | 4.9 | 3.5 | 3.5 | 3.1 | 9.0 | 9.0 | 8.0 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 1.7 | 0.2 | 2505.7 | 27.5 | 27.5 | 25.7 | 185.5 | 185.5 | 76.8 | 213.0 | 213.0 | 102.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 1.0 |
| **費用便益比** | **B／C** | **25** |
| 純現在価値（億円） | B－C | 24 |
| 経済的内部収益率 | | 117.2% |

# Case ⑩　残事業（事業費-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5　河輪水辺整備事業　　費用対便益(残事業:事業費-10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.0 | 9.0 | 8.7 | 3.5 | 3.5 | 3.4 | 12.5 | 12.5 | 12.1 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.0 | 9.0 | 8.3 | 3.5 | 3.5 | 3.2 | 12.5 | 12.5 | 11.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 4.5 | 4.5 | 4.0 | 3.5 | 3.5 | 3.1 | 8.0 | 8.0 | 7.1 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 1.7 | 0.2 | 2505.7 | 22.5 | 22.5 | 21.0 | 185.5 | 185.5 | 76.8 | 208.0 | 208.0 | 97.8 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 1.0 |
| **費用便益比** | **B／C** | **25** |
| 純現在価値（億円） | B－C | 24 |
| 経済的内部収益率 | | 126.8% |

# Case ⑪　残事業（受益世帯数+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(残事業:受益世帯数+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 144.3 | 144.3 | 123.4 | | | 123.4 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 144.3 | 144.3 | 118.6 | | | 118.6 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 144.3 | 144.3 | 114.0 | | | 114.0 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 144.3 | 144.3 | 109.7 | | | 109.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 144.3 | 144.3 | 105.5 | | | 105.5 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 144.3 | 144.3 | 101.4 | | | 101.4 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 144.3 | 144.3 | 97.5 | | | 97.5 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 144.3 | 144.3 | 93.8 | | | 93.8 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 144.3 | 144.3 | 90.2 | | | 90.2 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 144.3 | 144.3 | 86.7 | | | 86.7 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 144.3 | 144.3 | 83.3 | | | 83.3 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 144.3 | 144.3 | 80.1 | | | 80.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 144.3 | 144.3 | 77.1 | | | 77.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 144.3 | 144.3 | 74.0 | | | 74.0 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 144.3 | 144.3 | 71.3 | | | 71.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 144.3 | 144.3 | 68.5 | | | 68.5 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 144.3 | 144.3 | 65.8 | | | 65.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 144.3 | 144.3 | 63.3 | | | 63.3 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 144.3 | 144.3 | 60.9 | | | 60.9 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 144.3 | 144.3 | 58.6 | | | 58.6 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 144.3 | 144.3 | 56.3 | | | 56.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 144.3 | 144.3 | 54.1 | | | 54.1 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 144.3 | 144.3 | 52.1 | | | 52.1 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 144.3 | 144.3 | 50.1 | | | 50.1 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 144.3 | 144.3 | 48.1 | | | 48.1 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 144.3 | 144.3 | 46.3 | | | 46.3 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 144.3 | 144.3 | 44.4 | | | 44.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 144.3 | 144.3 | 42.7 | | | 42.7 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 144.3 | 144.3 | 41.1 | | | 41.1 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 144.3 | 144.3 | 39.5 | | | 39.5 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 144.3 | 144.3 | 38.1 | | | 38.1 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 144.3 | 144.3 | 36.5 | | | 36.5 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 144.3 | 144.3 | 35.2 | | | 35.2 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 144.3 | 144.3 | 33.8 | | | 33.8 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 144.3 | 144.3 | 32.5 | | | 32.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 144.3 | 144.3 | 31.3 | | | 31.3 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 144.3 | 144.3 | 30.0 | | | 30.0 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 144.3 | 144.3 | 28.9 | | | 28.9 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 144.3 | 144.3 | 27.8 | | | 27.8 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 144.3 | 144.3 | 26.7 | | | 26.7 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 144.3 | 144.3 | 25.7 | | | 25.7 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 144.3 | 144.3 | 24.7 | | | 24.7 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 144.3 | 144.3 | 23.8 | | | 23.8 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 144.3 | 144.3 | 22.8 | | | 22.8 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 144.3 | 144.3 | 21.9 | | | 21.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 144.3 | 144.3 | 21.1 | | | 21.1 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 144.3 | 144.3 | 20.3 | | | 20.3 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 144.3 | 144.3 | 19.5 | | | 19.5 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 144.3 | 144.3 | 18.8 | | | 18.8 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 144.3 | 144.3 | 18.0 | | | 18.0 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 7215.0 | 7215.0 | 2755.8 | 1.7 | 0.2 | 2756.0 | 25.0 | 25.0 | 23.3 | 185.5 | 185.5 | 76.8 | 210.5 | 210.5 | 100.1 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 28 |
| 総費用（億円） | C | 1.0 |
| **費用便益比** | **B／C** | **28** |
| 純現在価値（億円） | B－C | 27 |
| 経済的内部収益率 | | 128.3% |

# Case ⑫　残事業（受益世帯数-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 河輪水辺整備事業　　費用対便益(残事業:受益世帯数-10%)　水系名:天竜川　河川名:天竜川　　(単位：百万円)

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 118.0 | 118.0 | 100.9 | | | 100.9 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 118.0 | 118.0 | 97.0 | | | 97.0 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 118.0 | 118.0 | 93.2 | | | 93.2 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 118.0 | 118.0 | 89.7 | | | 89.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 118.0 | 118.0 | 86.3 | | | 86.3 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 118.0 | 118.0 | 83.0 | | | 83.0 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 118.0 | 118.0 | 79.8 | | | 79.8 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 118.0 | 118.0 | 76.7 | | | 76.7 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 118.0 | 118.0 | 73.8 | | | 73.8 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 118.0 | 118.0 | 70.9 | | | 70.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 118.0 | 118.0 | 68.1 | | | 68.1 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 118.0 | 118.0 | 65.5 | | | 65.5 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 118.0 | 118.0 | 63.0 | | | 63.0 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 118.0 | 118.0 | 60.5 | | | 60.5 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 118.0 | 118.0 | 58.3 | | | 58.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 118.0 | 118.0 | 56.1 | | | 56.1 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 118.0 | 118.0 | 53.8 | | | 53.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 118.0 | 118.0 | 51.8 | | | 51.8 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 118.0 | 118.0 | 49.8 | | | 49.8 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 118.0 | 118.0 | 47.9 | | | 47.9 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 118.0 | 118.0 | 46.0 | | | 46.0 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 118.0 | 118.0 | 44.3 | | | 44.3 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 118.0 | 118.0 | 42.6 | | | 42.6 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 118.0 | 118.0 | 40.9 | | | 40.9 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 118.0 | 118.0 | 39.3 | | | 39.3 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 118.0 | 118.0 | 37.9 | | | 37.9 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 118.0 | 118.0 | 36.3 | | | 36.3 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 118.0 | 118.0 | 34.9 | | | 34.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 118.0 | 118.0 | 33.6 | | | 33.6 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 118.0 | 118.0 | 32.3 | | | 32.3 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 118.0 | 118.0 | 31.2 | | | 31.2 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 118.0 | 118.0 | 29.9 | | | 29.9 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 118.0 | 118.0 | 28.8 | | | 28.8 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 118.0 | 118.0 | 27.6 | | | 27.6 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 118.0 | 118.0 | 26.6 | | | 26.6 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 118.0 | 118.0 | 25.6 | | | 25.6 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 118.0 | 118.0 | 24.5 | | | 24.5 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 118.0 | 118.0 | 23.6 | | | 23.6 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 118.0 | 118.0 | 22.8 | | | 22.8 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 118.0 | 118.0 | 21.8 | | | 21.8 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 118.0 | 118.0 | 21.0 | | | 21.0 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 118.0 | 118.0 | 20.2 | | | 20.2 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 118.0 | 118.0 | 19.5 | | | 19.5 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 118.0 | 118.0 | 18.6 | | | 18.6 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 118.0 | 118.0 | 17.9 | | | 17.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 118.0 | 118.0 | 17.2 | | | 17.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 118.0 | 118.0 | 16.6 | | | 16.6 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 118.0 | 118.0 | 15.9 | | | 15.9 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 118.0 | 118.0 | 15.3 | | | 15.3 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 118.0 | 118.0 | 14.8 | | | 14.8 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 5900.0 | 5900.0 | 2253.6 | 1.7 | 0.2 | 2253.8 | 25.0 | 25.0 | 23.3 | 185.5 | 185.5 | 76.8 | 210.5 | 210.5 | 100.1 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 23 |
| 総費用（億円） | C | 1.0 |
| **費用便益比** | **B／C** | **23** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 114.8% |

# 事業費の内訳書

## 河川事業

| 事業名 | 河輪水辺整備事業　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | 1 | 78.0 | |
| | 本工事費 | | 式 | 1 | 78.0 | |
| | | 階段・坂路 | 箇所 | 2 | 20.0 | |
| | | ワンド | 式 | 2 | 25.0 | |
| | | 樹木伐採・除根 | 千m2 | 52 | 22.0 | |
| | | 水際整備 | 式 | 1 | 6.0 | |
| | | 水路整備 | m | 100 | 5.0 | |
| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | 1 | 45.0 | |
| 工事諸費 | | | 式 | 1 | 17.0 | |
| 自治体費用 | | | 式 | 1 | 76.3 | 浜松市 |
| 事業費　計 | | | 式 | 1 | 216.3 | |
| 維持管理費 | | | 式 | 1 | 3.5 | 巡視、草刈(年間) |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。

※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4　備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 河輪水辺整備事業　（残事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | | | |
| | 本工事費 | | 式 | | | |
| | | 階段・坂路 | 箇所 | | | |
| | | ワンド | 式 | | | |
| | | 樹木伐採・除根 | 千m2 | | | |
| | | 水際整備 | 式 | | | |
| | | 水路整備 | m | | | |
| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | | | |
| 工事諸費 | | | 式 | | | |
| 自治体費用 | | | 式 | 1 | 25.0 | 浜松市 |
| 事業費　計 | | | 式 | 1 | 25.0 | |
| 維持管理費 | | | 式 | 1 | 3.5 | 巡視、草刈(年間) |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVMを用いる。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | ・周辺環境は、公園であるなど、水辺整備と公園整備が周辺の地価に及ぼす影響を切り分けることが困難であることから適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | ・事例は多くあるが、周辺環境（自然環境、社会環境）や事業内容、事業規模等により便益は異なることが想定される。既存事例の適用は事業特性や周辺環境が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | ・河輪地区での活動を安全で快適にするための事業であり、同等の機能を代替する方法がないため適用しない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | ・河輪地区を利用しやすくするための事業もあり、利用価値が認められる。また、子供たちの環境体験など、非利用価値も認められる。<br>・CVMでは利用価値および非利用価値の評価も可能であり、適用事例も多いことから適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | ・比較できる複数の仮想状態（プロファイル）を作成することが困難であることから、適用しない | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | ・本事業の整備効果として費用対効果は不可欠な効果であり、便益として計測することが重要 | × |

# 2.CVM調査チェックリスト

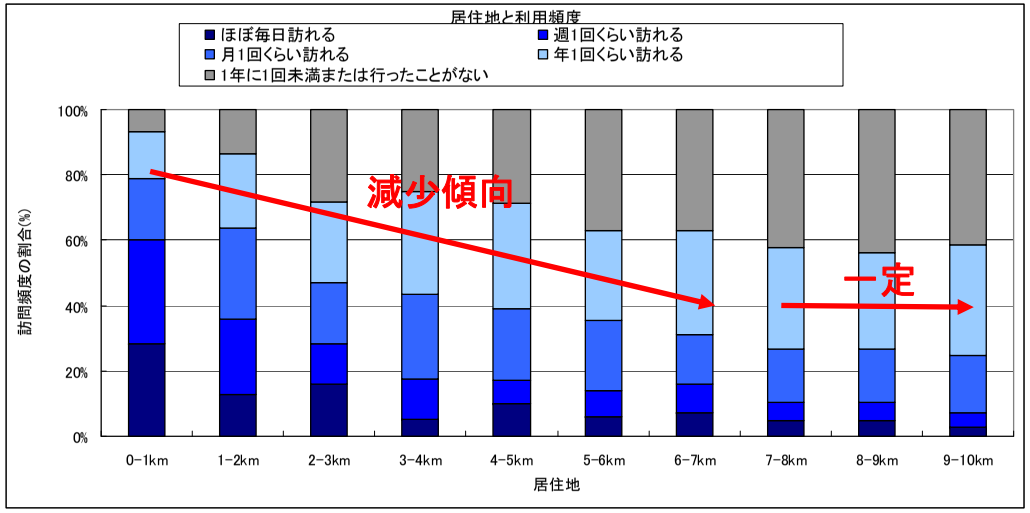
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用<br>可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の<br>設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの<br>実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」(平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る391票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケートを実施。

■当該地区への来訪頻度の変化点は7km付近に見られるが前回評価と同様の5kmを集計範囲に設定

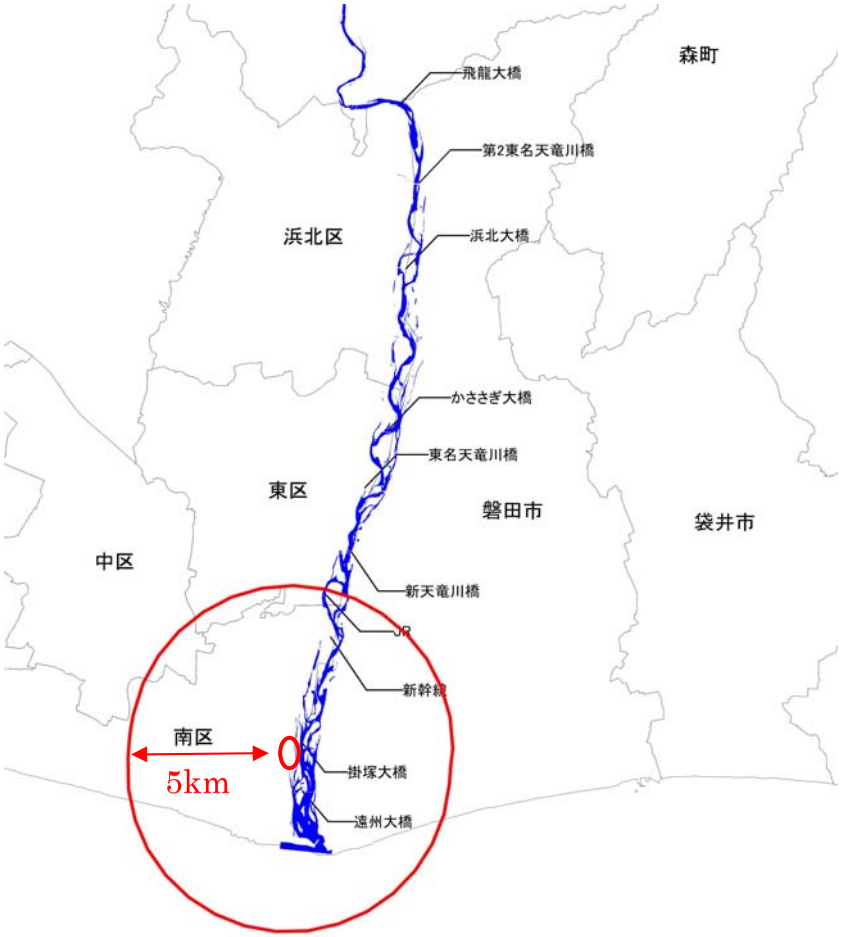
■『地域の住民』の便益集計世帯は46,706世帯




来訪頻度の距離別構成

○世帯数の集計範囲

事業箇所周辺5km



# 4.支払意思額:WTP

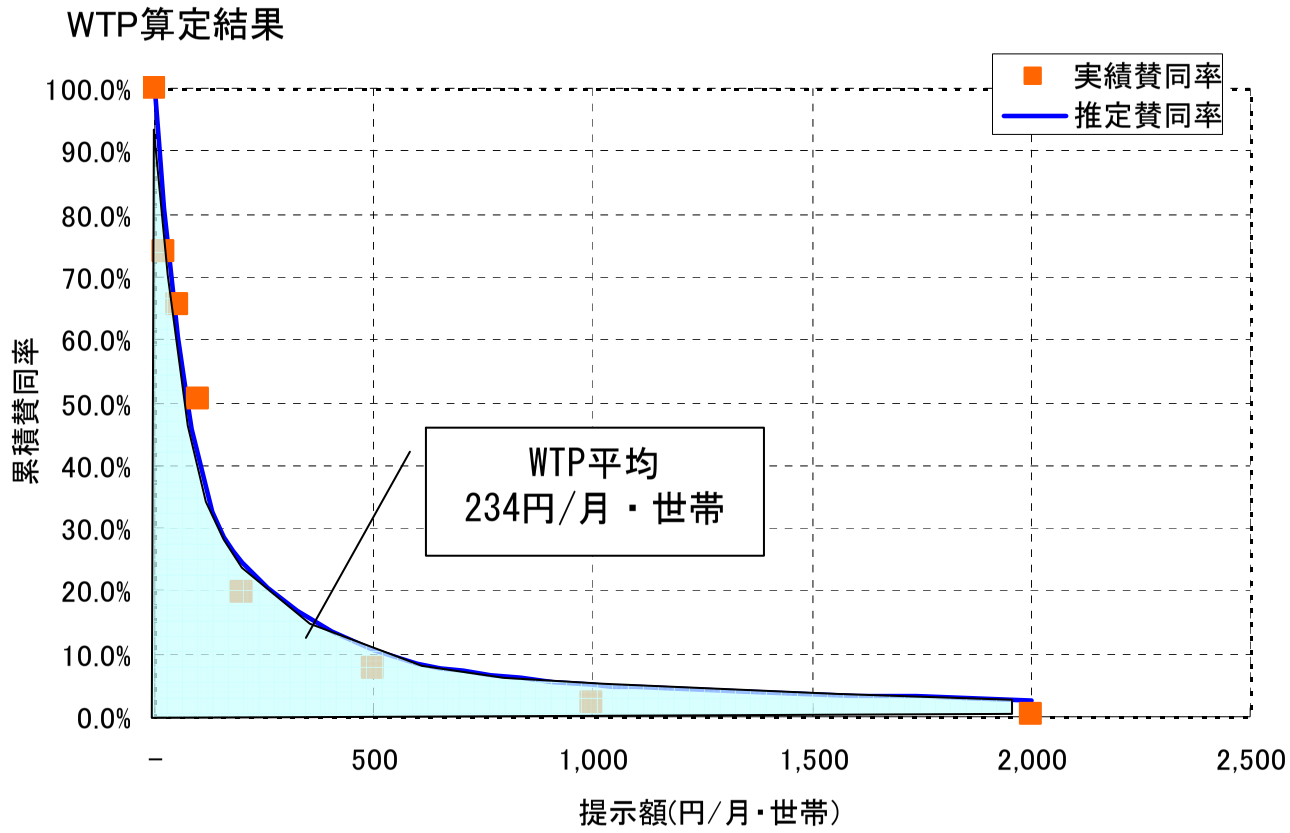
『地域の住民』のＷＴＰ

234円／月／世帯

『地域の住民』の年便益

年便益＝234円×12ヶ月×46,706世帯
≒131百万円／年

▽算定結果



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

【事業全体】

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -5 | 2007 | 0.995 | 1.217 | 0.0 | 0.0 | 0.0 | | | 0.0 | 77.2 | 76.8 | 93.5 | 0.00 | 0.00 | 0.00 | 77.2 | 76.8 | 93.5 |
| | -4 | 2008 | 0.968 | 1.170 | 0.0 | 0.0 | 0.0 | | | 0.0 | 72.8 | 70.5 | 82.5 | 0.26 | 0.25 | 0.29 | 73.1 | 70.8 | 82.8 |
| | -3 | 2009 | 1.001 | 1.125 | 0.0 | 0.0 | 0.0 | | | 0.0 | 11.6 | 11.6 | 13.1 | 1.7 | 1.7 | 1.9 | 13.3 | 13.3 | 15.0 |
| | -2 | 2010 | 1.000 | 1.082 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.6 | 4.4 | 4.4 | 4.8 | 14.2 | 14.2 | 15.4 |
| | -1 | 2011 | 1.000 | 1.040 | 0.0 | 0.0 | 0.0 | | | 0.0 | 9.8 | 9.8 | 10.2 | 2.5 | 2.5 | 2.6 | 12.3 | 12.3 | 12.8 |
| | 0 | 2012 | 1.000 | 1.000 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 10.0 | 3.0 | 3.0 | 3.0 | 13.0 | 13.0 | 13.0 |
| | 1 | 2013 | 1.000 | 0.962 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.6 | 3.5 | 3.5 | 3.4 | 13.5 | 13.5 | 13.0 |
| | 2 | 2014 | 1.000 | 0.925 | 0.0 | 0.0 | 0.0 | | | 0.0 | 10.0 | 10.0 | 9.3 | 3.5 | 3.5 | 3.2 | 13.5 | 13.5 | 12.5 |
| | 3 | 2015 | 1.000 | 0.889 | 0.0 | 0.0 | 0.0 | | | 0.0 | 5.0 | 5.0 | 4.4 | 3.5 | 3.5 | 3.1 | 8.5 | 8.5 | 7.5 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 131.2 | 131.2 | 112.2 | | | 112.2 | | | | 3.5 | 3.5 | 3.0 | 3.5 | 3.5 | 3.0 |
| | 5 | 2017 | 1.000 | 0.822 | 131.2 | 131.2 | 107.8 | | | 107.8 | | | | 3.5 | 3.5 | 2.9 | 3.5 | 3.5 | 2.9 |
| | 6 | 2018 | 1.000 | 0.790 | 131.2 | 131.2 | 103.6 | | | 103.6 | | | | 3.5 | 3.5 | 2.8 | 3.5 | 3.5 | 2.8 |
| | 7 | 2019 | 1.000 | 0.760 | 131.2 | 131.2 | 99.7 | | | 99.7 | | | | 3.5 | 3.5 | 2.7 | 3.5 | 3.5 | 2.7 |
| | 8 | 2020 | 1.000 | 0.731 | 131.2 | 131.2 | 95.9 | | | 95.9 | | | | 3.5 | 3.5 | 2.6 | 3.5 | 3.5 | 2.6 |
| | 9 | 2021 | 1.000 | 0.703 | 131.2 | 131.2 | 92.2 | | | 92.2 | | | | 3.5 | 3.5 | 2.5 | 3.5 | 3.5 | 2.5 |
| | 10 | 2022 | 1.000 | 0.676 | 131.2 | 131.2 | 88.7 | | | 88.7 | | | | 3.5 | 3.5 | 2.4 | 3.5 | 3.5 | 2.4 |
| | 11 | 2023 | 1.000 | 0.650 | 131.2 | 131.2 | 85.3 | | | 85.3 | | | | 3.5 | 3.5 | 2.3 | 3.5 | 3.5 | 2.3 |
| | 12 | 2024 | 1.000 | 0.625 | 131.2 | 131.2 | 82.0 | | | 82.0 | | | | 3.5 | 3.5 | 2.2 | 3.5 | 3.5 | 2.2 |
| | 13 | 2025 | 1.000 | 0.601 | 131.2 | 131.2 | 78.9 | | | 78.9 | | | | 3.5 | 3.5 | 2.1 | 3.5 | 3.5 | 2.1 |
| | 14 | 2026 | 1.000 | 0.577 | 131.2 | 131.2 | 75.7 | | | 75.7 | | | | 3.5 | 3.5 | 2.0 | 3.5 | 3.5 | 2.0 |
| | 15 | 2027 | 1.000 | 0.555 | 131.2 | 131.2 | 72.8 | | | 72.8 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 16 | 2028 | 1.000 | 0.534 | 131.2 | 131.2 | 70.1 | | | 70.1 | | | | 3.5 | 3.5 | 1.9 | 3.5 | 3.5 | 1.9 |
| | 17 | 2029 | 1.000 | 0.513 | 131.2 | 131.2 | 67.3 | | | 67.3 | | | | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 1.8 |
| | 18 | 2030 | 1.000 | 0.494 | 131.2 | 131.2 | 64.8 | | | 64.8 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 19 | 2031 | 1.000 | 0.475 | 131.2 | 131.2 | 62.3 | | | 62.3 | | | | 3.5 | 3.5 | 1.7 | 3.5 | 3.5 | 1.7 |
| | 20 | 2032 | 1.000 | 0.456 | 131.2 | 131.2 | 59.8 | | | 59.8 | | | | 3.5 | 3.5 | 1.6 | 3.5 | 3.5 | 1.6 |
| | 21 | 2033 | 1.000 | 0.439 | 131.2 | 131.2 | 57.6 | | | 57.6 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 22 | 2034 | 1.000 | 0.422 | 131.2 | 131.2 | 55.4 | | | 55.4 | | | | 3.5 | 3.5 | 1.5 | 3.5 | 3.5 | 1.5 |
| | 23 | 2035 | 1.000 | 0.406 | 131.2 | 131.2 | 53.3 | | | 53.3 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 24 | 2036 | 1.000 | 0.390 | 131.2 | 131.2 | 51.2 | | | 51.2 | | | | 3.5 | 3.5 | 1.4 | 3.5 | 3.5 | 1.4 |
| | 25 | 2037 | 1.000 | 0.375 | 131.2 | 131.2 | 49.2 | | | 49.2 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 26 | 2038 | 1.000 | 0.361 | 131.2 | 131.2 | 47.4 | | | 47.4 | | | | 3.5 | 3.5 | 1.3 | 3.5 | 3.5 | 1.3 |
| | 27 | 2039 | 1.000 | 0.347 | 131.2 | 131.2 | 45.5 | | | 45.5 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 28 | 2040 | 1.000 | 0.333 | 131.2 | 131.2 | 43.7 | | | 43.7 | | | | 3.5 | 3.5 | 1.2 | 3.5 | 3.5 | 1.2 |
| | 29 | 2041 | 1.000 | 0.321 | 131.2 | 131.2 | 42.1 | | | 42.1 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 30 | 2042 | 1.000 | 0.308 | 131.2 | 131.2 | 40.4 | | | 40.4 | | | | 3.5 | 3.5 | 1.1 | 3.5 | 3.5 | 1.1 |
| | 31 | 2043 | 1.000 | 0.296 | 131.2 | 131.2 | 38.8 | | | 38.8 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 32 | 2044 | 1.000 | 0.285 | 131.2 | 131.2 | 37.4 | | | 37.4 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 33 | 2045 | 1.000 | 0.274 | 131.2 | 131.2 | 35.9 | | | 35.9 | | | | 3.5 | 3.5 | 1.0 | 3.5 | 3.5 | 1.0 |
| | 34 | 2046 | 1.000 | 0.264 | 131.2 | 131.2 | 34.6 | | | 34.6 | | | | 3.5 | 3.5 | 0.92 | 3.5 | 3.5 | 0.92 |
| | 35 | 2047 | 1.000 | 0.253 | 131.2 | 131.2 | 33.2 | | | 33.2 | | | | 3.5 | 3.5 | 0.89 | 3.5 | 3.5 | 0.89 |
| | 36 | 2048 | 1.000 | 0.244 | 131.2 | 131.2 | 32.0 | | | 32.0 | | | | 3.5 | 3.5 | 0.85 | 3.5 | 3.5 | 0.85 |
| | 37 | 2049 | 1.000 | 0.234 | 131.2 | 131.2 | 30.7 | | | 30.7 | | | | 3.5 | 3.5 | 0.82 | 3.5 | 3.5 | 0.82 |
| | 38 | 2050 | 1.000 | 0.225 | 131.2 | 131.2 | 29.5 | | | 29.5 | | | | 3.5 | 3.5 | 0.79 | 3.5 | 3.5 | 0.79 |
| | 39 | 2051 | 1.000 | 0.217 | 131.2 | 131.2 | 28.5 | | | 28.5 | | | | 3.5 | 3.5 | 0.76 | 3.5 | 3.5 | 0.76 |
| | 40 | 2052 | 1.000 | 0.208 | 131.2 | 131.2 | 27.3 | | | 27.3 | | | | 3.5 | 3.5 | 0.73 | 3.5 | 3.5 | 0.73 |
| | 41 | 2053 | 1.000 | 0.200 | 131.2 | 131.2 | 26.2 | | | 26.2 | | | | 3.5 | 3.5 | 0.70 | 3.5 | 3.5 | 0.70 |
| | 42 | 2054 | 1.000 | 0.193 | 131.2 | 131.2 | 25.3 | | | 25.3 | | | | 3.5 | 3.5 | 0.68 | 3.5 | 3.5 | 0.68 |
| | 43 | 2055 | 1.000 | 0.185 | 131.2 | 131.2 | 24.3 | | | 24.3 | | | | 3.5 | 3.5 | 0.65 | 3.5 | 3.5 | 0.65 |
| | 44 | 2056 | 1.000 | 0.178 | 131.2 | 131.2 | 23.4 | | | 23.4 | | | | 3.5 | 3.5 | 0.62 | 3.5 | 3.5 | 0.62 |
| | 45 | 2057 | 1.000 | 0.171 | 131.2 | 131.2 | 22.4 | | | 22.4 | | | | 3.5 | 3.5 | 0.60 | 3.5 | 3.5 | 0.60 |
| | 46 | 2058 | 1.000 | 0.165 | 131.2 | 131.2 | 21.6 | | | 21.6 | | | | 3.5 | 3.5 | 0.58 | 3.5 | 3.5 | 0.58 |
| | 47 | 2059 | 1.000 | 0.158 | 131.2 | 131.2 | 20.7 | | | 20.7 | | | | 3.5 | 3.5 | 0.55 | 3.5 | 3.5 | 0.55 |
| | 48 | 2060 | 1.000 | 0.152 | 131.2 | 131.2 | 19.9 | | | 19.9 | | | | 3.5 | 3.5 | 0.53 | 3.5 | 3.5 | 0.53 |
| | 49 | 2061 | 1.000 | 0.146 | 131.2 | 131.2 | 19.2 | | | 19.2 | | | | 3.5 | 3.5 | 0.51 | 3.5 | 3.5 | 0.51 |
| | 50 | 2062 | 1.000 | 0.141 | 131.2 | 131.2 | 18.5 | | | 18.5 | | | | 3.5 | 3.5 | 0.49 | 3.5 | 3.5 | 0.49 |
| | 51 | 2063 | 1.000 | 0.135 | 131.2 | 131.2 | 17.7 | | | 17.7 | | | | 3.5 | 3.5 | 0.47 | 3.5 | 3.5 | 0.47 |
| | 52 | 2064 | 1.000 | 0.130 | 131.2 | 131.2 | 17.1 | | | 17.1 | | | | 3.5 | 3.5 | 0.46 | 3.5 | 3.5 | 0.46 |
| | 53 | 2065 | 1.000 | 0.125 | 131.2 | 131.2 | 16.4 | | | 16.4 | | | | 3.5 | 3.5 | 0.44 | 3.5 | 3.5 | 0.44 |
| 合計 | | | | | 6560.0 | 6560.0 | 2505.5 | 13.1 | 1.6 | 2507.1 | 216.2 | 213.5 | 243.2 | 197.3 | 197.4 | 89.4 | 413.5 | 410.9 | 332.6 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 25 |
| 総費用（億円） | C | 3.3 |
| **費用便益比** | **B／C** | **7.6** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 18.4% |

# (2)調査アンケート票　1/7

## 天竜川の河川利用を推進するための取組みに関するアンケート調査のお願い

平成24年2月
国土交通省中部地方整備局
浜松河川国道事務所

謹啓

立春の候、皆さま方におかれましてはますますご健勝のことと存じます。

平素より、河川行政にご理解・ご協力を賜りまして、誠にありがとうございます。

このたび、国土交通省中部地方整備局 浜松河川国道事務所では、天竜川の河川利用を推進するための取組みに関するアンケート調査を実施することとなりました。

このアンケートは、**皆さまからご意見などをいただき、河川利用を推進するための護岸・河川敷の整備など（以下、「水辺整備の取組み」という。）今後の川づくりに役立てていくこと**を目的として、**天竜川下流域を中心とした約10km以内の地域**にお住まいの方を対象に実施させていただいております。

お忙しいところ誠に恐れ入りますが、本アンケート調査の目的をご理解いただき、ご協力くださいますようよろしくお願い申し上げます。

謹白

### ご記入にあたって

- この調査票は、あなたの**世帯の中で主な収入を得ておられる方**、またはそれに準じる方（主にその配偶者）がお答えください。
- **別添した「説明資料」をご覧いただいた上で、ご回答をお願いします。**
- この調査票にご記入いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません**。また、本調査の目的以外に使用することも決してありません。
- このアンケートには、**取組みの価値を金銭に置き換えて評価するという、皆さんにあまりなじみがない質問の内容、形式、仮定が含まれています**ことをご了承ください。（**この調査の回答をもとに税金の値上げや、あなたの世帯から実際に負担金を徴収することはございません。**）

### アンケート調査についてのお問い合わせ

- 本アンケート調査についてご不明な点がございましたら、下記までお問い合わせください。

株式会社　建設技術研究所 中部支社　河川部　　担当：川村、氷見
電話：052−218−3795
FAX：052−218−3823
（電話は土・日・祝日を除く　9：00～17：00）

国土交通省 中部地方整備局 浜松河川国道事務所 調査第一課　　担当：佐々木、長野
電話：053−466−0116
FAX：053−466−0122
（電話は土・日・祝日を除く　8：30～17：15）



## 天竜川の水辺整備の取組みに関するアンケート用紙

最初に、あなたと天竜川との関わりについてお尋ねします。

【問1】あなたは現在、天竜川にどれくらいの頻度で訪れていますか。あてはまる番号を1つ選び、○をつけてください。

① ほぼ毎日　　訪れる
② 週　に　1回くらい　訪れる
③ 月　に　1回くらい　訪れる
④ 年　に　1回くらい　訪れる
⑤ 1年に　1回未満（または行ったことがない）

【問2】天竜川にはどのような目的で訪れていますか。
あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 水辺の散策
② 釣り
③ 自然観察や環境学習
④ 水遊び
⑤ 運動（サッカー、野球など）
⑥ 通勤・通学・ショッピング等の通り道
⑦ その他（　　）

## (2)調査アンケート票　2/7

ここからは別添の説明資料をよくご覧ください。以下ではこの説明資料をご覧の上ご回答ください。

【問３】あなたは、天竜川の水辺整備の取組みが進められていたことをご存知でしたか。どちらかの番号に○をつけてください。

① 知っていた

② 知らなかった

【問４】天竜川の水辺整備の取組みを行うことで、あなたや家族にとって、何かいいこと（効果）があると思いますか。どちらかの番号に○をつけてください。

① よいことがあると思う → 【問５】へ

② よいことがあるとは思わない → 【問６】へ

【問５】問４で「①よいことがあると思う」に○印をつけた方に伺います。
その理由は何ですか。あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 河川・水辺に親しみやすくなる

② 河川敷に遊びに行くことができるようになる

③ 散歩や軽い運動、グラウンドの利用などができるようになる

④ あなたの親類や友人など、他の人にとってよいことである

⑤ あなたの子孫を含め、将来の世代にとってよいことである

⑥ 河川の環境がよくなることは、よいことである

⑦ その他（　　）

→ 【問６】へ

アンケート－　3

ここからは別添の説明資料に示すような水辺整備の取組みをした場合の効果を評価するため、下記の通り仮定をし、質問を行います。

**仮定①：「各世帯からの負担金」で取組みを行うと仮定します**

実際にはこのような取組みは税金によって実施されていますが、仮に取組みが税金ではなく、各世帯から負担金を集めて行われるような仕組みがあるとして、支払ってもよいと思う金額についてお尋ねいたします。

負担金は今の地域にお住まいの間、定期的に負担していただくことと仮定いたします。なお、支払い額によって取組みの内容が変わることはありません。

**仮定②：負担金は他の取組みには使われないと仮定します**

負担金は、この取組みの実施と維持管理のためにのみ使われ、他には一切使われないと仮定いたします。

**仮定③：これはあくまでも仮定の話です**

これは、取組みの効果を評価するための仮定の話であり、実際に世帯からの負担金を集める仕組みが考えられているものではありません。また、この回答をもって税金の値上げや負担金を集めるようなことは、一切ありません。

アンケート－　4

# (2)調査アンケート票　3/7

**河輪水辺整備事業（以下、「河輪地区」という。）の取組みについて仮の質問です。**

以下では、別添した説明資料をご覧の上ご回答ください。

**問６】「河輪地区の水辺整備の取組み」**について、次の（１）～（７）に、”取組みあり”の場合の世帯の負担金の額を具体的に示します。（１）から順に取組みを行うことに反対・賛成のどちらかを選び、番号を○で囲んでください。（１）で反対を選んだ方は、次ページ問７で反対理由をお答えください。（２）以降で反対を選んだ方は、次ページ問８でそれまでの賛成理由をお答えください。なお、”取組みなし”と”取組みあり”の状況は、下の表のように仮定します。

| | 取組みなしの状況 | 取組みありの状況 |
|---|---|---|
| 天竜川・河輪地区の水辺整備の取組み | ・河川敷に降りづらい状態でした。<br>・樹木が生い茂り水辺へ近づきにくい状況でした。<br>・世帯の負担金はありません。 | ・階段が整備され河川敷へ降りやすくなりました。<br>・せせらぎ・ワンドの整備により水辺環境学習の場として利用できるようになりました<br>・樹木伐採により不法投棄が減少しました。<br>・芝生広場等の整備により地域の憩いの場として利用できるようになります。<br>・世帯の負担金が必要です。 |

（１）負担金が世帯あたり毎月２０円（年間２４０円）の場合

１）反対　　２）賛成

→ 次ページ【問７】へ

（２）負担金が世帯あたり毎月５０円（年間６００円）の場合

１）反対　　２）賛成

→ 次ページ【問８】へ

（３）負担金が世帯あたり毎月１００円（年間１，２００円）の場合

１）反対　　２）賛成

→ 次ページ【問８】へ

（４）負担金が世帯あたり毎月２００円（年間２，４００円）の場合

１）反対　　２）賛成

→ 次ページ【問８】へ

（５）負担金が世帯あたり毎月５００円（年間６，０００円）の場合

１）反対　　２）賛成

→ 次ページ【問８】へ　→ 次ページ（６）へ



（６）負担金が世帯あたり毎月１，０００円（年間あたり１２，０００円）の場合

１）反対　　２）賛成

→ 【問８】へ

（７）負担金が世帯あたり毎月２，０００円（年間あたり２４，０００円）の場合

１）反対　　２）賛成

→ 【問８】へ　→ 【問８】へ

**【問７】**問６の（１）で、「取組みに反対」とお答えになった方のみに質問します。反対の主な理由を１つだけ選び、番号を○で囲んでください。

１）取組みは必要だと思うが、毎月２０円（年間２４０円）も支払う価値はないと思うから
２）たとえ支払いがなくても、この取組みを行わない方がよいと思うから
３）これだけの情報では判断できないから
４）世帯から負担金を集めるという仕組みに反対だから
５）その他（　　）

→次ページ【問９】へ

**【問８】**問６の（１）で、「取組みに賛成」とお答えになった方のみに質問します。賛成の主な理由を１つだけ選び、番号を○で囲んでください。

１）子供たちが安心して遊べるようになるから
２）水遊びなど、川にふれあうことができるから
３）洪水の心配がなくなるから
４）自分たちにとっては意味がないが、他の人が払うのなら仕方がないから
５）水辺を散歩できるようになるから
６）その他（　　）

→次ページ【問９】へ

以上で仮の質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　4/7

**河輪地区の取組み箇所の利用状況に関する質問です。**

以下では、別添の説明資料をご覧の上ご回答ください。

【問９】最近１年間であなたや家族の河輪地区（説明資料に示す取組み場所）での利用状況に関してお答えください。

（１）最近１年間で河輪地区の取組み場所に行きましたか。どちらかの番号に○をつけてください。

① 行った　→【問９】（２）へ

② 行っていない　→【問 10】へ

（２）河輪地区の取組み場所に行ったときに他の場所も訪れましたか。
あてはまる番号を１つ選び、番号に○をつけてください。

① 河輪地区の取組み場所に行き、他の場所は訪れなかった

② 主に別の場所に行き、ついでに河輪地区の取組み場所にも寄った

（３）河輪地区の取組み場所は、現在どのくらい利用していますか。また、取組みが行われた場合、どのくらい利用しますか。それぞれに概ねの回数を記入して下さい。

現在は、１年間に（　　）回くらい利用している

取組みが行われた場合は、１年間に（　　）回くらい利用する

（４）あなたを含めて家族で同行した人数を教えてください。
※子どもは中学生以下とします。世帯にお子様がいない場合には子どもの欄は「0（ゼロ）人」をご記入ください。

平均で大人［　　］人、子ども［　　］人

（５）訪問したときの主な交通手段を１つ選び、番号に○をつけてください。
※交通手段は通常お使いのものでお答えください。
※自転車とバスを使うなど、一度に複数の交通手段を併用する場合には主な交通手段でお答えください。

① 自家用車　② 自転車　③ 徒歩　④ バス

⑤ その他（　　）

（６）前問の交通手段での所要時間（片道）を教えてください。

約［　　］分



（７）前問の交通手段での費用（片道）を教えてください。
※交通手段でバス等の公共交通機関をお答え頂いた方のみご記入ください。
※大人１人あたりの費用（片道）をご記入ください。

約［　　］円

（８）１回の訪問における平均的な滞在時間を教えてください。

約［　　］分

以上で河輪地区の取組みに関する質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　5/7

### Q　あなたご自身に関する質問です。

統計分析上の必要性から、アンケートにご協力くださったあなたご自身についてお尋ねしますが、**個人データとして公表されることは絶対にございません**ので、ご協力をお願いいたします。

【問 10】あなたの性別の番号に○をつけてください。

① 男性　　② 女性

【問 11】あなたの年齢の番号に○をつけてください。

① １０歳代　② ２０歳代　③ ３０歳代　④ ４０歳代
⑤ ５０歳代　⑥ ６０歳代　⑦ ７０歳以上

【問 12】あなたの世帯で主な収入を得ておられる方のご職業は何ですか。あてはまるものを**１つ**選び、○で囲んでください。

① 自営　　② 給与所得者（会社員、公務員等）
③ 会社・団体役員　　④ パート・アルバイト
⑤ 年金生活者　　⑥ 学生
⑦ その他（　　）

【問 13】あなたのお住まいの郵便番号をご記入ください。

郵便番号　□□□ - □□□□

アンケート－　9

### Q　このアンケートの内容についての質問です。

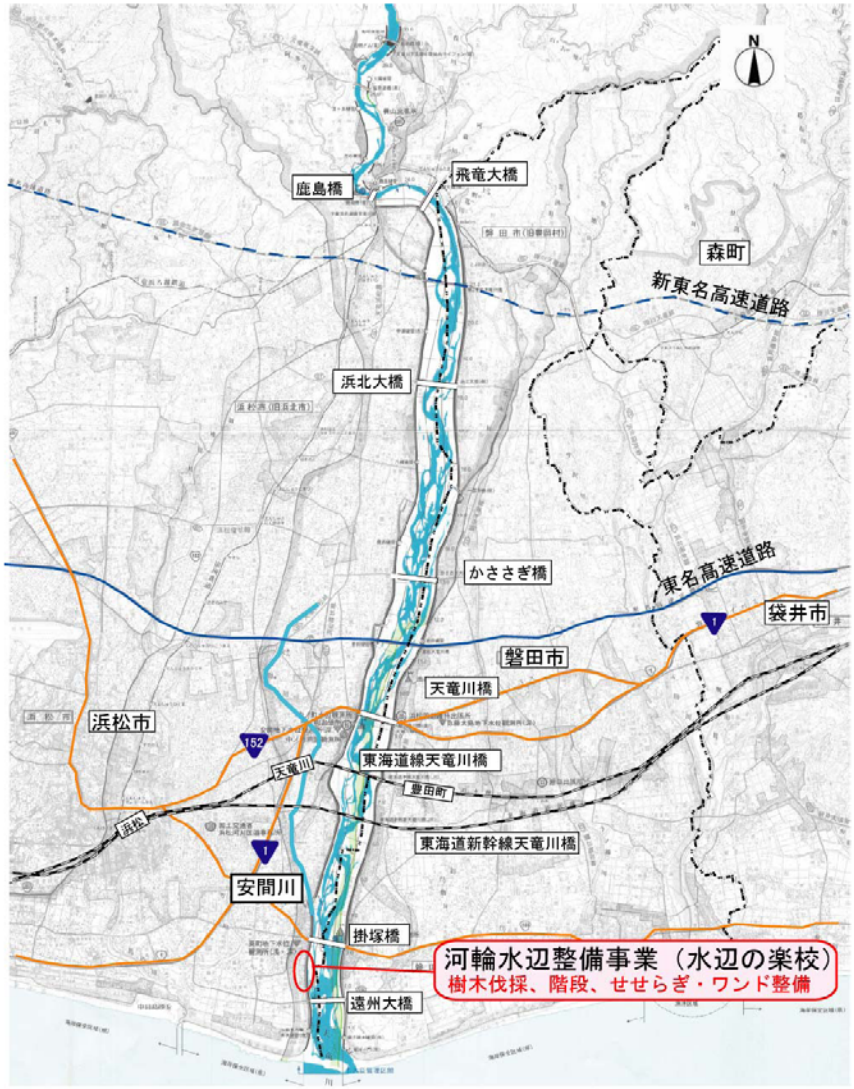
【問 14】　天竜川での取組み、本アンケート調査に対するご意見がございましたら、ご記入ください。（ご自由にお書きください）
※ない場合は「なし」とご記入してください。

アンケート－　10

## (2)調査アンケート票　6/7

### 天竜川周辺（河輪水辺整備事業）の取組みとは？

天竜川では、水辺整備の取り組みとして、「樹木伐採、**階段**、せせらぎ・ワンド等の整備」を行っています。




環境整備箇所　位置図

説明資料

# 天竜川周辺の環境整備 －河輪水辺整備事業の 整備内容と利活用の様子

**事業：河輪水辺整備事業**
**（樹木伐採、階段、せせらぎ・ワンド整備）**

## 事業の目的・背景

◆河輪地区では、自治会・学校などによる河川清掃・水質調査・生物調査などの活動が行われていました。しかし、河川敷には草木が繁茂し、堤防に階段がないなど利用しづらい状況でした。

◆そのため、子どもたちが環境学習等の場として活用できるよう基盤整備を行いました。

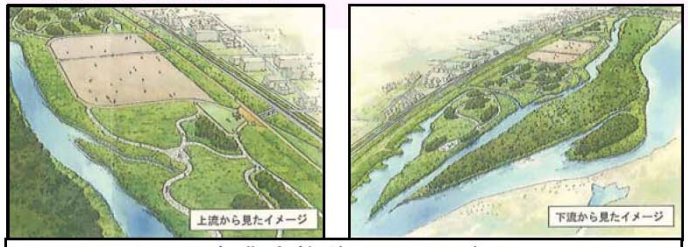
## ◆取組み前の状況

- 河川敷に降りづらい状態でした。
- 樹木が生い茂り水辺へ近づきにくい状況でした。

## ◆取組み後の状況（整備中）

- 階段が整備され河川敷へ降りやすくなりました。
- せせらぎ・ワンドの整備により水辺環境学習の場として利用しやすくなりました。
- 樹木伐採により不法投棄が減少しました。
- 芝生広場等の整備により地域の憩いの場として利用できるようになります。

**⇒今後、浜松市が散策路等を整備予定であり、更なる利活用が期待されます。**




★事業実施後のイメージ図

取組前

取組後

階段が整備され河川敷へ降りやすくなりました。

取組前

取組後

取組後

取組後

せせらぎ・ワンドの整備により水辺環境学習の場として利用できるようになりました。

# ＜天竜川総合水系環境整備事業＞

# （西鹿島水辺整備事業：再評価）

# 天竜川総合水系環境整備事業（浜松河川国道事務所）
# 西鹿島水辺整備事業
# ▽感度分析（様式5）目次


Case ①　全体事業

Case ②　全体事業（事業費+10%）

Case ③　全体事業（事業費-10%）

Case ④　全体事業（受益世帯数+10%）

Case ⑤　全体事業（受益世帯数-10%）

~~Case ⑥　全体事業（残工期+10%）~~　※残工期が5年未満のため、算出不用

~~Case ⑦　全体事業（残工期-10%）~~　※残工期が5年未満のため、算出不用

Case ⑧　残事業

Case ⑨　残事業（事業費+10%）

Case ⑩　残事業（事業費-10%）

Case ⑪　残事業（受益世帯数+10%）

Case ⑫　残事業（受益世帯数-10%）

~~Case ⑬　残事業（残工期+10%）~~　※残工期が5年未満のため、算出不用

~~Case ⑭　残事業（残工期-10%）~~　※残工期が5年未満のため、算出不用

# Case ①　全体事業

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(全体事業)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | 0.0 | 0.0 | 0.0 | | | 0.0 | 596.3 | 608.8 | 801.2 | 0.00 | 0.00 | 0.00 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.011 | 1.265 | 23.1 | 23.1 | 29.2 | | | 29.2 | 216.0 | 218.4 | 276.3 | 0.19 | 0.19 | 0.24 | 216.2 | 218.6 | 276.5 |
| | -5 | 2007 | 0.995 | 1.217 | 35.7 | 35.7 | 43.4 | | | 43.4 | 0.0 | 0.0 | 0.0 | 0.26 | 0.26 | 0.32 | 0.26 | 0.26 | 0.32 |
| | -4 | 2008 | 0.968 | 1.170 | 35.7 | 35.7 | 41.8 | | | 41.8 | 12.0 | 11.6 | 13.6 | 0.26 | 0.25 | 0.29 | 12.3 | 11.9 | 13.9 |
| | -3 | 2009 | 1.001 | 1.125 | 35.7 | 35.7 | 40.2 | | | 40.2 | 30.0 | 30.0 | 33.8 | 0.26 | 0.26 | 0.29 | 30.3 | 30.3 | 34.1 |
| | -2 | 2010 | 1.000 | 1.082 | 38.4 | 38.4 | 41.5 | | | 41.5 | 48.0 | 48.0 | 51.9 | 0.26 | 0.26 | 0.28 | 48.3 | 48.3 | 52.2 |
| | -1 | 2011 | 1.000 | 1.040 | 41.2 | 41.2 | 42.8 | | | 42.8 | 28.0 | 28.0 | 29.1 | 0.63 | 0.63 | 0.66 | 28.6 | 28.6 | 29.8 |
| | 0 | 2012 | 1.000 | 1.000 | 41.2 | 41.2 | 41.2 | | | 41.2 | 15.0 | 15.0 | 15.0 | 1.0 | 1.0 | 1.0 | 16.0 | 16.0 | 16.0 |
| | 1 | 2013 | 1.000 | 0.962 | 43.9 | 43.9 | 42.2 | | | 42.2 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 43.9 | 43.9 | 40.6 | | | 40.6 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 49.4 | 49.4 | 43.9 | | | 43.9 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 52.2 | 52.2 | 44.6 | | | 44.6 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 52.2 | 52.2 | 42.9 | | | 42.9 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 52.2 | 52.2 | 41.2 | | | 41.2 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 52.2 | 52.2 | 39.7 | | | 39.7 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 52.2 | 52.2 | 38.2 | | | 38.2 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 52.2 | 52.2 | 36.7 | | | 36.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 52.2 | 52.2 | 35.3 | | | 35.3 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 52.2 | 52.2 | 33.9 | | | 33.9 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 52.2 | 52.2 | 32.6 | | | 32.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 52.2 | 52.2 | 31.4 | | | 31.4 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 52.2 | 52.2 | 30.1 | | | 30.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 52.2 | 52.2 | 29.0 | | | 29.0 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 52.2 | 52.2 | 27.9 | | | 27.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 52.2 | 52.2 | 26.8 | | | 26.8 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 52.2 | 52.2 | 25.8 | | | 25.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 52.2 | 52.2 | 24.8 | | | 24.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 52.2 | 52.2 | 23.8 | | | 23.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 52.2 | 52.2 | 22.9 | | | 22.9 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 52.2 | 52.2 | 22.0 | | | 22.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 52.2 | 52.2 | 21.2 | | | 21.2 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 52.2 | 52.2 | 20.4 | | | 20.4 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 52.2 | 52.2 | 19.6 | | | 19.6 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 52.2 | 52.2 | 18.8 | | | 18.8 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 52.2 | 52.2 | 18.1 | | | 18.1 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 52.2 | 52.2 | 17.4 | | | 17.4 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 52.2 | 52.2 | 16.8 | | | 16.8 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 52.2 | 52.2 | 16.1 | | | 16.1 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 52.2 | 52.2 | 15.5 | | | 15.5 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 52.2 | 52.2 | 14.9 | | | 14.9 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 52.2 | 52.2 | 14.3 | | | 14.3 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 52.2 | 52.2 | 13.8 | | | 13.8 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 52.2 | 52.2 | 13.2 | | | 13.2 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 52.2 | 52.2 | 12.7 | | | 12.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 52.2 | 52.2 | 12.2 | | | 12.2 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 52.2 | 52.2 | 11.7 | | | 11.7 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 52.2 | 52.2 | 11.3 | | | 11.3 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 52.2 | 52.2 | 10.9 | | | 10.9 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 52.2 | 52.2 | 10.4 | | | 10.4 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 52.2 | 52.2 | 10.1 | | | 10.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 52.2 | 52.2 | 9.7 | | | 9.7 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 52.2 | 52.2 | 9.3 | | | 9.3 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 52.2 | 52.2 | 8.9 | | | 8.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 52.2 | 52.2 | 8.6 | | | 8.6 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 52.2 | 52.2 | 8.2 | | | 8.2 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 52.2 | 52.2 | 7.9 | | | 7.9 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 52.2 | 52.2 | 7.6 | | | 7.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 52.2 | 52.2 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 52.2 | 52.2 | 7.0 | | | 7.0 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 52.2 | 52.2 | 6.8 | | | 6.8 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 52.2 | 52.2 | 6.5 | | | 6.5 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 2998.2 | 2998.2 | 1403.7 | 91.2 | 11.4 | 1415.1 | 1095.3 | 1109.8 | 1359.8 | 124.6 | 123.0 | 51.7 | 1219.9 | 1232.8 | 1411.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14.2 |
| 総費用（億円） | C | 14.1 |
| **費用便益比** | **B／C** | **1.01** |
| 純現在価値（億円） | B－C | 0 |
| 経済的内部収益率 | | 4.0% |

# Case ②　全体事業（事業費+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(全体事業:事業費+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | 0.0 | 0.0 | 0.0 | | | 0.0 | 596.3 | 608.8 | 801.2 | 0.00 | 0.00 | 0.00 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.011 | 1.265 | 23.1 | 23.1 | 29.2 | | | 29.2 | 216.0 | 218.4 | 276.3 | 0.19 | 0.19 | 0.24 | 216.2 | 218.6 | 276.5 |
| | -5 | 2007 | 0.995 | 1.217 | 35.7 | 35.7 | 43.4 | | | 43.4 | 0.0 | 0.0 | 0.0 | 0.26 | 0.26 | 0.32 | 0.26 | 0.26 | 0.32 |
| | -4 | 2008 | 0.968 | 1.170 | 35.7 | 35.7 | 41.8 | | | 41.8 | 12.0 | 11.6 | 13.6 | 0.26 | 0.25 | 0.29 | 12.3 | 11.9 | 13.9 |
| | -3 | 2009 | 1.001 | 1.125 | 35.7 | 35.7 | 40.2 | | | 40.2 | 30.0 | 30.0 | 33.8 | 0.26 | 0.26 | 0.29 | 30.3 | 30.3 | 34.1 |
| | -2 | 2010 | 1.000 | 1.082 | 38.4 | 38.4 | 41.5 | | | 41.5 | 48.0 | 48.0 | 51.9 | 0.26 | 0.26 | 0.28 | 48.3 | 48.3 | 52.2 |
| | -1 | 2011 | 1.000 | 1.040 | 41.2 | 41.2 | 42.8 | | | 42.8 | 28.0 | 28.0 | 29.1 | 0.63 | 0.63 | 0.66 | 28.6 | 28.6 | 29.8 |
| | 0 | 2012 | 1.000 | 1.000 | 41.2 | 41.2 | 41.2 | | | 41.2 | 16.5 | 16.5 | 16.5 | 1.0 | 1.0 | 1.0 | 17.5 | 17.5 | 17.5 |
| | 1 | 2013 | 1.000 | 0.962 | 43.9 | 43.9 | 42.2 | | | 42.2 | 55.0 | 55.0 | 52.9 | 1.4 | 1.4 | 1.3 | 56.4 | 56.4 | 54.2 |
| | 2 | 2014 | 1.000 | 0.925 | 43.9 | 43.9 | 40.6 | | | 40.6 | 55.0 | 55.0 | 50.9 | 1.7 | 1.7 | 1.6 | 56.7 | 56.7 | 52.5 |
| | 3 | 2015 | 1.000 | 0.889 | 49.4 | 49.4 | 43.9 | | | 43.9 | 55.0 | 55.0 | 48.9 | 2.0 | 2.0 | 1.8 | 57.0 | 57.0 | 50.7 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 52.2 | 52.2 | 44.6 | | | 44.6 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 52.2 | 52.2 | 42.9 | | | 42.9 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 52.2 | 52.2 | 41.2 | | | 41.2 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 52.2 | 52.2 | 39.7 | | | 39.7 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 52.2 | 52.2 | 38.2 | | | 38.2 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 52.2 | 52.2 | 36.7 | | | 36.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 52.2 | 52.2 | 35.3 | | | 35.3 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 52.2 | 52.2 | 33.9 | | | 33.9 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 52.2 | 52.2 | 32.6 | | | 32.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 52.2 | 52.2 | 31.4 | | | 31.4 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 52.2 | 52.2 | 30.1 | | | 30.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 52.2 | 52.2 | 29.0 | | | 29.0 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 52.2 | 52.2 | 27.9 | | | 27.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 52.2 | 52.2 | 26.8 | | | 26.8 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 52.2 | 52.2 | 25.8 | | | 25.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 52.2 | 52.2 | 24.8 | | | 24.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 52.2 | 52.2 | 23.8 | | | 23.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 52.2 | 52.2 | 22.9 | | | 22.9 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 52.2 | 52.2 | 22.0 | | | 22.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 52.2 | 52.2 | 21.2 | | | 21.2 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 52.2 | 52.2 | 20.4 | | | 20.4 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 52.2 | 52.2 | 19.6 | | | 19.6 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 52.2 | 52.2 | 18.8 | | | 18.8 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 52.2 | 52.2 | 18.1 | | | 18.1 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 52.2 | 52.2 | 17.4 | | | 17.4 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 52.2 | 52.2 | 16.8 | | | 16.8 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 52.2 | 52.2 | 16.1 | | | 16.1 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 52.2 | 52.2 | 15.5 | | | 15.5 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 52.2 | 52.2 | 14.9 | | | 14.9 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 52.2 | 52.2 | 14.3 | | | 14.3 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 52.2 | 52.2 | 13.8 | | | 13.8 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 52.2 | 52.2 | 13.2 | | | 13.2 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 52.2 | 52.2 | 12.7 | | | 12.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 52.2 | 52.2 | 12.2 | | | 12.2 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 52.2 | 52.2 | 11.7 | | | 11.7 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 52.2 | 52.2 | 11.3 | | | 11.3 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 52.2 | 52.2 | 10.9 | | | 10.9 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 52.2 | 52.2 | 10.4 | | | 10.4 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 52.2 | 52.2 | 10.1 | | | 10.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 52.2 | 52.2 | 9.7 | | | 9.7 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 52.2 | 52.2 | 9.3 | | | 9.3 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 52.2 | 52.2 | 8.9 | | | 8.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 52.2 | 52.2 | 8.6 | | | 8.6 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 52.2 | 52.2 | 8.2 | | | 8.2 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 52.2 | 52.2 | 7.9 | | | 7.9 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 52.2 | 52.2 | 7.6 | | | 7.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 52.2 | 52.2 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 52.2 | 52.2 | 7.0 | | | 7.0 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 52.2 | 52.2 | 6.8 | | | 6.8 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 52.2 | 52.2 | 6.5 | | | 6.5 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 2998.2 | 2998.2 | 1403.7 | 91.2 | 11.4 | 1415.1 | 1111.8 | 1126.3 | 1375.1 | 124.6 | 123.0 | 51.7 | 1236.4 | 1249.3 | 1426.8 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14.2 |
| 総費用（億円） | C | 14.3 |
| **費用便益比** | **B／C** | **0.99** |
| 純現在価値（億円） | B－C | -0 |
| 経済的内部収益率 | | 4.0% |

# Case ③　全体事業（事業費-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(全体事業:事業費-10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | 0.0 | 0.0 | 0.0 | | | 0.0 | 596.3 | 608.8 | 801.2 | 0.00 | 0.00 | 0.00 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.011 | 1.265 | 23.1 | 23.1 | 29.2 | | | 29.2 | 216.0 | 218.4 | 276.3 | 0.19 | 0.19 | 0.24 | 216.2 | 218.6 | 276.5 |
| | -5 | 2007 | 0.995 | 1.217 | 35.7 | 35.7 | 43.4 | | | 43.4 | 0.0 | 0.0 | 0.0 | 0.26 | 0.26 | 0.32 | 0.26 | 0.26 | 0.32 |
| | -4 | 2008 | 0.968 | 1.170 | 35.7 | 35.7 | 41.8 | | | 41.8 | 12.0 | 11.6 | 13.6 | 0.26 | 0.25 | 0.29 | 12.3 | 11.9 | 13.9 |
| | -3 | 2009 | 1.001 | 1.125 | 35.7 | 35.7 | 40.2 | | | 40.2 | 30.0 | 30.0 | 33.8 | 0.26 | 0.26 | 0.29 | 30.3 | 30.3 | 34.1 |
| | -2 | 2010 | 1.000 | 1.082 | 38.4 | 38.4 | 41.5 | | | 41.5 | 48.0 | 48.0 | 51.9 | 0.26 | 0.26 | 0.28 | 48.3 | 48.3 | 52.2 |
| | -1 | 2011 | 1.000 | 1.040 | 41.2 | 41.2 | 42.8 | | | 42.8 | 28.0 | 28.0 | 29.1 | 0.63 | 0.63 | 0.66 | 28.6 | 28.6 | 29.8 |
| | 0 | 2012 | 1.000 | 1.000 | 41.2 | 41.2 | 41.2 | | | 41.2 | 13.5 | 13.5 | 13.5 | 1.0 | 1.0 | 1.0 | 14.5 | 14.5 | 14.5 |
| | 1 | 2013 | 1.000 | 0.962 | 43.9 | 43.9 | 42.2 | | | 42.2 | 45.0 | 45.0 | 43.3 | 1.4 | 1.4 | 1.3 | 46.4 | 46.4 | 44.6 |
| | 2 | 2014 | 1.000 | 0.925 | 43.9 | 43.9 | 40.6 | | | 40.6 | 45.0 | 45.0 | 41.6 | 1.7 | 1.7 | 1.6 | 46.7 | 46.7 | 43.2 |
| | 3 | 2015 | 1.000 | 0.889 | 49.4 | 49.4 | 43.9 | | | 43.9 | 45.0 | 45.0 | 40.0 | 2.0 | 2.0 | 1.8 | 47.0 | 47.0 | 41.8 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 52.2 | 52.2 | 44.6 | | | 44.6 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 52.2 | 52.2 | 42.9 | | | 42.9 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 52.2 | 52.2 | 41.2 | | | 41.2 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 52.2 | 52.2 | 39.7 | | | 39.7 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 52.2 | 52.2 | 38.2 | | | 38.2 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 52.2 | 52.2 | 36.7 | | | 36.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 52.2 | 52.2 | 35.3 | | | 35.3 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 52.2 | 52.2 | 33.9 | | | 33.9 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 52.2 | 52.2 | 32.6 | | | 32.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 52.2 | 52.2 | 31.4 | | | 31.4 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 52.2 | 52.2 | 30.1 | | | 30.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 52.2 | 52.2 | 29.0 | | | 29.0 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 52.2 | 52.2 | 27.9 | | | 27.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 52.2 | 52.2 | 26.8 | | | 26.8 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 52.2 | 52.2 | 25.8 | | | 25.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 52.2 | 52.2 | 24.8 | | | 24.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 52.2 | 52.2 | 23.8 | | | 23.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 52.2 | 52.2 | 22.9 | | | 22.9 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 52.2 | 52.2 | 22.0 | | | 22.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 52.2 | 52.2 | 21.2 | | | 21.2 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 52.2 | 52.2 | 20.4 | | | 20.4 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 52.2 | 52.2 | 19.6 | | | 19.6 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 52.2 | 52.2 | 18.8 | | | 18.8 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 52.2 | 52.2 | 18.1 | | | 18.1 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 52.2 | 52.2 | 17.4 | | | 17.4 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 52.2 | 52.2 | 16.8 | | | 16.8 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 52.2 | 52.2 | 16.1 | | | 16.1 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 52.2 | 52.2 | 15.5 | | | 15.5 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 52.2 | 52.2 | 14.9 | | | 14.9 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 52.2 | 52.2 | 14.3 | | | 14.3 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 52.2 | 52.2 | 13.8 | | | 13.8 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 52.2 | 52.2 | 13.2 | | | 13.2 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 52.2 | 52.2 | 12.7 | | | 12.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 52.2 | 52.2 | 12.2 | | | 12.2 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 52.2 | 52.2 | 11.7 | | | 11.7 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 52.2 | 52.2 | 11.3 | | | 11.3 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 52.2 | 52.2 | 10.9 | | | 10.9 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 52.2 | 52.2 | 10.4 | | | 10.4 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 52.2 | 52.2 | 10.1 | | | 10.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 52.2 | 52.2 | 9.7 | | | 9.7 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 52.2 | 52.2 | 9.3 | | | 9.3 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 52.2 | 52.2 | 8.9 | | | 8.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 52.2 | 52.2 | 8.6 | | | 8.6 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 52.2 | 52.2 | 8.2 | | | 8.2 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 52.2 | 52.2 | 7.9 | | | 7.9 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 52.2 | 52.2 | 7.6 | | | 7.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 52.2 | 52.2 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 52.2 | 52.2 | 7.0 | | | 7.0 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 52.2 | 52.2 | 6.8 | | | 6.8 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 52.2 | 52.2 | 6.5 | | | 6.5 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 2998.2 | 2998.2 | 1403.7 | 91.2 | 11.4 | 1415.1 | 1078.8 | 1093.3 | 1344.3 | 124.6 | 123.0 | 51.7 | 1203.4 | 1216.3 | 1396.0 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14.2 |
| 総費用（億円） | C | 14.0 |
| **費用便益比** | **B／C** | **1.01** |
| 純現在価値（億円） | B－C | 0 |
| 経済的内部収益率 | | 4.1% |

# Case ④　全体事業（受益世帯数+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5　西鹿島水辺整備事業　　費用対便益(全体事業:受益世帯数+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | 0.0 | 0.0 | 0.0 | | | 0.0 | 596.3 | 608.8 | 801.2 | 0.00 | 0.00 | 0.00 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.011 | 1.265 | 25.4 | 25.4 | 32.1 | | | 32.1 | 216.0 | 218.4 | 276.3 | 0.19 | 0.19 | 0.24 | 216.2 | 218.6 | 276.5 |
| | -5 | 2007 | 0.995 | 1.217 | 39.3 | 39.3 | 47.8 | | | 47.8 | 0.0 | 0.0 | 0.0 | 0.26 | 0.26 | 0.32 | 0.26 | 0.26 | 0.32 |
| | -4 | 2008 | 0.968 | 1.170 | 39.3 | 39.3 | 46.0 | | | 46.0 | 12.0 | 11.6 | 13.6 | 0.26 | 0.25 | 0.29 | 12.3 | 11.9 | 13.9 |
| | -3 | 2009 | 1.001 | 1.125 | 39.3 | 39.3 | 44.2 | | | 44.2 | 30.0 | 30.0 | 33.8 | 0.26 | 0.26 | 0.29 | 30.3 | 30.3 | 34.1 |
| | -2 | 2010 | 1.000 | 1.082 | 42.3 | 42.3 | 45.8 | | | 45.8 | 48.0 | 48.0 | 51.9 | 0.26 | 0.26 | 0.28 | 48.3 | 48.3 | 52.2 |
| | -1 | 2011 | 1.000 | 1.040 | 45.3 | 45.3 | 47.1 | | | 47.1 | 28.0 | 28.0 | 29.1 | 0.63 | 0.63 | 0.66 | 28.6 | 28.6 | 29.8 |
| | 0 | 2012 | 1.000 | 1.000 | 45.3 | 45.3 | 45.3 | | | 45.3 | 15.0 | 15.0 | 15.0 | 1.0 | 1.0 | 1.0 | 16.0 | 16.0 | 16.0 |
| | 1 | 2013 | 1.000 | 0.962 | 48.3 | 48.3 | 46.5 | | | 46.5 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 48.3 | 48.3 | 44.7 | | | 44.7 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 54.4 | 54.4 | 48.4 | | | 48.4 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 57.4 | 57.4 | 49.1 | | | 49.1 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 57.4 | 57.4 | 47.2 | | | 47.2 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 57.4 | 57.4 | 45.3 | | | 45.3 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 57.4 | 57.4 | 43.6 | | | 43.6 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 57.4 | 57.4 | 42.0 | | | 42.0 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 57.4 | 57.4 | 40.4 | | | 40.4 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 57.4 | 57.4 | 38.8 | | | 38.8 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 57.4 | 57.4 | 37.3 | | | 37.3 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 57.4 | 57.4 | 35.9 | | | 35.9 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 57.4 | 57.4 | 34.5 | | | 34.5 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 57.4 | 57.4 | 33.1 | | | 33.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 57.4 | 57.4 | 31.9 | | | 31.9 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 57.4 | 57.4 | 30.7 | | | 30.7 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 57.4 | 57.4 | 29.4 | | | 29.4 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 57.4 | 57.4 | 28.4 | | | 28.4 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 57.4 | 57.4 | 27.3 | | | 27.3 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 57.4 | 57.4 | 26.2 | | | 26.2 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 57.4 | 57.4 | 25.2 | | | 25.2 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 57.4 | 57.4 | 24.2 | | | 24.2 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 57.4 | 57.4 | 23.3 | | | 23.3 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 57.4 | 57.4 | 22.4 | | | 22.4 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 57.4 | 57.4 | 21.5 | | | 21.5 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 57.4 | 57.4 | 20.7 | | | 20.7 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 57.4 | 57.4 | 19.9 | | | 19.9 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 57.4 | 57.4 | 19.1 | | | 19.1 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 57.4 | 57.4 | 18.4 | | | 18.4 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 57.4 | 57.4 | 17.7 | | | 17.7 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 57.4 | 57.4 | 17.0 | | | 17.0 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 57.4 | 57.4 | 16.4 | | | 16.4 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 57.4 | 57.4 | 15.7 | | | 15.7 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 57.4 | 57.4 | 15.2 | | | 15.2 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 57.4 | 57.4 | 14.5 | | | 14.5 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 57.4 | 57.4 | 14.0 | | | 14.0 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 57.4 | 57.4 | 13.4 | | | 13.4 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 57.4 | 57.4 | 12.9 | | | 12.9 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 57.4 | 57.4 | 12.5 | | | 12.5 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 57.4 | 57.4 | 11.9 | | | 11.9 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 57.4 | 57.4 | 11.5 | | | 11.5 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 57.4 | 57.4 | 11.1 | | | 11.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 57.4 | 57.4 | 10.6 | | | 10.6 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 57.4 | 57.4 | 10.2 | | | 10.2 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 57.4 | 57.4 | 9.8 | | | 9.8 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 57.4 | 57.4 | 9.5 | | | 9.5 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 57.4 | 57.4 | 9.1 | | | 9.1 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 57.4 | 57.4 | 8.7 | | | 8.7 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 57.4 | 57.4 | 8.4 | | | 8.4 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 57.4 | 57.4 | 8.1 | | | 8.1 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 57.4 | 57.4 | 7.7 | | | 7.7 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 57.4 | 57.4 | 7.5 | | | 7.5 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 57.4 | 57.4 | 7.2 | | | 7.2 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 3297.2 | 3297.2 | 1544.3 | 91.2 | 11.4 | 1555.7 | 1095.3 | 1109.8 | 1359.8 | 124.6 | 123.0 | 51.7 | 1219.9 | 1232.8 | 1411.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 15.6 |
| 総費用（億円） | C | 14.1 |
| **費用便益比** | **B／C** | **1.11** |
| 純現在価値（億円） | B－C | 2 |
| 経済的内部収益率 | | 4.6% |

# Case ⑤　全体事業（受益世帯数-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(全体事業:受益世帯数-10%)　水系名:天竜川　河川名:天竜川　　(単位：百万円)

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | 0.0 | 0.0 | 0.0 | | | 0.0 | 596.3 | 608.8 | 801.2 | 0.00 | 0.00 | 0.00 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.011 | 1.265 | 20.8 | 20.8 | 26.3 | | | 26.3 | 216.0 | 218.4 | 276.3 | 0.20 | 0.20 | 0.25 | 216.2 | 218.6 | 276.6 |
| | -5 | 2007 | 0.995 | 1.217 | 32.1 | 32.1 | 39.1 | | | 39.1 | 0.0 | 0.0 | 0.0 | 0.30 | 0.30 | 0.37 | 0.30 | 0.30 | 0.37 |
| | -4 | 2008 | 0.968 | 1.170 | 32.1 | 32.1 | 37.6 | | | 37.6 | 12.0 | 11.6 | 13.6 | 0.30 | 0.29 | 0.34 | 12.3 | 11.9 | 13.9 |
| | -3 | 2009 | 1.001 | 1.125 | 32.1 | 32.1 | 36.1 | | | 36.1 | 30.0 | 30.0 | 33.8 | 0.30 | 0.30 | 0.34 | 30.3 | 30.3 | 34.1 |
| | -2 | 2010 | 1.000 | 1.082 | 34.6 | 34.6 | 37.4 | | | 37.4 | 48.0 | 48.0 | 51.9 | 0.30 | 0.30 | 0.32 | 48.3 | 48.3 | 52.2 |
| | -1 | 2011 | 1.000 | 1.040 | 37.1 | 37.1 | 38.6 | | | 38.6 | 28.0 | 28.0 | 29.1 | 0.60 | 0.60 | 0.62 | 28.6 | 28.6 | 29.7 |
| | 0 | 2012 | 1.000 | 1.000 | 37.1 | 37.1 | 37.1 | | | 37.1 | 15.0 | 15.0 | 15.0 | 1.0 | 1.0 | 1.0 | 16.0 | 16.0 | 16.0 |
| | 1 | 2013 | 1.000 | 0.962 | 39.6 | 39.6 | 38.1 | | | 38.1 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 39.6 | 39.6 | 36.6 | | | 36.6 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 44.5 | 44.5 | 39.6 | | | 39.6 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 47.0 | 47.0 | 40.2 | | | 40.2 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 47.0 | 47.0 | 38.6 | | | 38.6 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 47.0 | 47.0 | 37.1 | | | 37.1 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 47.0 | 47.0 | 35.7 | | | 35.7 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 47.0 | 47.0 | 34.4 | | | 34.4 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 47.0 | 47.0 | 33.0 | | | 33.0 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 47.0 | 47.0 | 31.8 | | | 31.8 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 47.0 | 47.0 | 30.6 | | | 30.6 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 47.0 | 47.0 | 29.4 | | | 29.4 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 47.0 | 47.0 | 28.2 | | | 28.2 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 47.0 | 47.0 | 27.1 | | | 27.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 47.0 | 47.0 | 26.1 | | | 26.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 47.0 | 47.0 | 25.1 | | | 25.1 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 47.0 | 47.0 | 24.1 | | | 24.1 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 47.0 | 47.0 | 23.2 | | | 23.2 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 47.0 | 47.0 | 22.3 | | | 22.3 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 47.0 | 47.0 | 21.4 | | | 21.4 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 47.0 | 47.0 | 20.6 | | | 20.6 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 47.0 | 47.0 | 19.8 | | | 19.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 47.0 | 47.0 | 19.1 | | | 19.1 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 47.0 | 47.0 | 18.3 | | | 18.3 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 47.0 | 47.0 | 17.6 | | | 17.6 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 47.0 | 47.0 | 17.0 | | | 17.0 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 47.0 | 47.0 | 16.3 | | | 16.3 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 47.0 | 47.0 | 15.7 | | | 15.7 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 47.0 | 47.0 | 15.1 | | | 15.1 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 47.0 | 47.0 | 14.5 | | | 14.5 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 47.0 | 47.0 | 13.9 | | | 13.9 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 47.0 | 47.0 | 13.4 | | | 13.4 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 47.0 | 47.0 | 12.9 | | | 12.9 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 47.0 | 47.0 | 12.4 | | | 12.4 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 47.0 | 47.0 | 11.9 | | | 11.9 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 47.0 | 47.0 | 11.5 | | | 11.5 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 47.0 | 47.0 | 11.0 | | | 11.0 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 47.0 | 47.0 | 10.6 | | | 10.6 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 47.0 | 47.0 | 10.2 | | | 10.2 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 47.0 | 47.0 | 9.8 | | | 9.8 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 47.0 | 47.0 | 9.4 | | | 9.4 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 47.0 | 47.0 | 9.1 | | | 9.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 47.0 | 47.0 | 8.7 | | | 8.7 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 47.0 | 47.0 | 8.4 | | | 8.4 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 47.0 | 47.0 | 8.0 | | | 8.0 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 47.0 | 47.0 | 7.8 | | | 7.8 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 47.0 | 47.0 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 47.0 | 47.0 | 7.1 | | | 7.1 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 47.0 | 47.0 | 6.9 | | | 6.9 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 47.0 | 47.0 | 6.6 | | | 6.6 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 47.0 | 47.0 | 6.3 | | | 6.3 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 47.0 | 47.0 | 6.1 | | | 6.1 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 47.0 | 47.0 | 5.9 | | | 5.9 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 2699.6 | 2699.6 | 1264.1 | 91.2 | 11.4 | 1275.5 | 1095.3 | 1109.8 | 1359.8 | 123.1 | 123.1 | 51.8 | 1218.4 | 1232.9 | 1411.6 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 12.8 |
| 総費用（億円） | C | 14.1 |
| **費用便益比** | **B／C** | **0.91** |
| 純現在価値（億円） | B－C | -1 |
| 経済的内部収益率 | | 3.5% |

# Case ⑧　残事業

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(残事業)　水系名:天竜川　河川名:天竜川　　(単位：百万円)

| 年度 | t | 西暦 | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | | | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.011 | 1.265 | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.995 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.968 | 1.170 | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 2.8 | 2.8 | 2.7 | | | 2.7 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 2.8 | 2.8 | 2.6 | | | 2.6 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 8.3 | 8.3 | 7.4 | | | 7.4 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 11.0 | 11.0 | 9.4 | | | 9.4 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 11.0 | 11.0 | 9.0 | | | 9.0 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 11.0 | 11.0 | 8.7 | | | 8.7 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 11.0 | 11.0 | 8.4 | | | 8.4 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 11.0 | 11.0 | 8.0 | | | 8.0 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 11.0 | 11.0 | 7.7 | | | 7.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 11.0 | 11.0 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 11.0 | 11.0 | 7.2 | | | 7.2 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 11.0 | 11.0 | 6.9 | | | 6.9 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 11.0 | 11.0 | 6.6 | | | 6.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 11.0 | 11.0 | 6.3 | | | 6.3 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 11.0 | 11.0 | 6.1 | | | 6.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 11.0 | 11.0 | 5.9 | | | 5.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 11.0 | 11.0 | 5.6 | | | 5.6 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 11.0 | 11.0 | 5.4 | | | 5.4 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 11.0 | 11.0 | 5.2 | | | 5.2 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 11.0 | 11.0 | 5.0 | | | 5.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 11.0 | 11.0 | 4.8 | | | 4.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 11.0 | 11.0 | 4.6 | | | 4.6 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 11.0 | 11.0 | 4.5 | | | 4.5 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 11.0 | 11.0 | 4.3 | | | 4.3 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 11.0 | 11.0 | 4.1 | | | 4.1 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 11.0 | 11.0 | 4.0 | | | 4.0 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 11.0 | 11.0 | 3.8 | | | 3.8 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 11.0 | 11.0 | 3.7 | | | 3.7 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 11.0 | 11.0 | 3.5 | | | 3.5 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 11.0 | 11.0 | 3.4 | | | 3.4 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 11.0 | 11.0 | 3.3 | | | 3.3 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 11.0 | 11.0 | 3.1 | | | 3.1 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 11.0 | 11.0 | 3.0 | | | 3.0 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 11.0 | 11.0 | 2.9 | | | 2.9 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 11.0 | 11.0 | 2.8 | | | 2.8 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 11.0 | 11.0 | 2.7 | | | 2.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 11.0 | 11.0 | 2.6 | | | 2.6 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 11.0 | 11.0 | 2.5 | | | 2.5 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 11.0 | 11.0 | 2.4 | | | 2.4 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 11.0 | 11.0 | 2.3 | | | 2.3 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 11.0 | 11.0 | 2.2 | | | 2.2 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 11.0 | 11.0 | 2.1 | | | 2.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 11.0 | 11.0 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 11.0 | 11.0 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 11.0 | 11.0 | 1.9 | | | 1.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 11.0 | 11.0 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 11.0 | 11.0 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 11.0 | 11.0 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 11.0 | 11.0 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 11.0 | 11.0 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 11.0 | 11.0 | 1.5 | | | 1.5 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 11.0 | 11.0 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 11.0 | 11.0 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 563.9 | 563.9 | 222.7 | 91.2 | 11.4 | 234.1 | 150.0 | 150.0 | 138.9 | 120.1 | 120.1 | 48.6 | 270.1 | 270.1 | 187.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 2.3 |
| 総費用（億円） | C | 1.9 |
| **費用便益比** | **B／C** | **1.21** |
| 純現在価値（億円） | B－C | 0 |
| 経済的内部収益率 | | 5.4% |

# Case ⑨　残事業（事業費+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(残事業:事業費+10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | t | 西暦 | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | | | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.011 | 1.265 | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.995 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.968 | 1.170 | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 2.8 | 2.8 | 2.7 | | | 2.7 | 55.0 | 55.0 | 52.9 | 1.4 | 1.4 | 1.3 | 56.4 | 56.4 | 54.2 |
| | 2 | 2014 | 1.000 | 0.925 | 2.8 | 2.8 | 2.6 | | | 2.6 | 55.0 | 55.0 | 50.9 | 1.7 | 1.7 | 1.6 | 56.7 | 56.7 | 52.5 |
| | 3 | 2015 | 1.000 | 0.889 | 8.3 | 8.3 | 7.4 | | | 7.4 | 55.0 | 55.0 | 48.9 | 2.0 | 2.0 | 1.8 | 57.0 | 57.0 | 50.7 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 11.0 | 11.0 | 9.4 | | | 9.4 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 11.0 | 11.0 | 9.0 | | | 9.0 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 11.0 | 11.0 | 8.7 | | | 8.7 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 11.0 | 11.0 | 8.4 | | | 8.4 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 11.0 | 11.0 | 8.0 | | | 8.0 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 11.0 | 11.0 | 7.7 | | | 7.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 11.0 | 11.0 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 11.0 | 11.0 | 7.2 | | | 7.2 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 11.0 | 11.0 | 6.9 | | | 6.9 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 11.0 | 11.0 | 6.6 | | | 6.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 11.0 | 11.0 | 6.3 | | | 6.3 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 11.0 | 11.0 | 6.1 | | | 6.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 11.0 | 11.0 | 5.9 | | | 5.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 11.0 | 11.0 | 5.6 | | | 5.6 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 11.0 | 11.0 | 5.4 | | | 5.4 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 11.0 | 11.0 | 5.2 | | | 5.2 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 11.0 | 11.0 | 5.0 | | | 5.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 11.0 | 11.0 | 4.8 | | | 4.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 11.0 | 11.0 | 4.6 | | | 4.6 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 11.0 | 11.0 | 4.5 | | | 4.5 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 11.0 | 11.0 | 4.3 | | | 4.3 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 11.0 | 11.0 | 4.1 | | | 4.1 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 11.0 | 11.0 | 4.0 | | | 4.0 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 11.0 | 11.0 | 3.8 | | | 3.8 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 11.0 | 11.0 | 3.7 | | | 3.7 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 11.0 | 11.0 | 3.5 | | | 3.5 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 11.0 | 11.0 | 3.4 | | | 3.4 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 11.0 | 11.0 | 3.3 | | | 3.3 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 11.0 | 11.0 | 3.1 | | | 3.1 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 11.0 | 11.0 | 3.0 | | | 3.0 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 11.0 | 11.0 | 2.9 | | | 2.9 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 11.0 | 11.0 | 2.8 | | | 2.8 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 11.0 | 11.0 | 2.7 | | | 2.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 11.0 | 11.0 | 2.6 | | | 2.6 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 11.0 | 11.0 | 2.5 | | | 2.5 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 11.0 | 11.0 | 2.4 | | | 2.4 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 11.0 | 11.0 | 2.3 | | | 2.3 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 11.0 | 11.0 | 2.2 | | | 2.2 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 11.0 | 11.0 | 2.1 | | | 2.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 11.0 | 11.0 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 11.0 | 11.0 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 11.0 | 11.0 | 1.9 | | | 1.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 11.0 | 11.0 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 11.0 | 11.0 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 11.0 | 11.0 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 11.0 | 11.0 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 11.0 | 11.0 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 11.0 | 11.0 | 1.5 | | | 1.5 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 11.0 | 11.0 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 11.0 | 11.0 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 563.9 | 563.9 | 222.7 | 91.2 | 11.4 | 234.1 | 165.0 | 165.0 | 152.7 | 120.1 | 120.1 | 48.6 | 285.1 | 285.1 | 201.3 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 2.3 |
| 総費用（億円） | C | 2.0 |
| **費用便益比** | **B／C** | **1.15** |
| 純現在価値（億円） | B－C | 0 |
| 経済的内部収益率 | | 4.8% |

# Case ⑩　残事業（事業費-10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5 西鹿島水辺整備事業　　費用対便益(残事業:事業費-10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.011 | 1.265 | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.995 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.968 | 1.170 | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 2.8 | 2.8 | 2.7 | | | 2.7 | 45.0 | 45.0 | 43.3 | 1.4 | 1.4 | 1.3 | 46.4 | 46.4 | 44.6 |
| | 2 | 2014 | 1.000 | 0.925 | 2.8 | 2.8 | 2.6 | | | 2.6 | 45.0 | 45.0 | 41.6 | 1.7 | 1.7 | 1.6 | 46.7 | 46.7 | 43.2 |
| | 3 | 2015 | 1.000 | 0.889 | 8.3 | 8.3 | 7.4 | | | 7.4 | 45.0 | 45.0 | 40.0 | 2.0 | 2.0 | 1.8 | 47.0 | 47.0 | 41.8 |
| 施設完成後の評価期間～50年～ | 4 | 2016 | 1.000 | 0.855 | 11.0 | 11.0 | 9.4 | | | 9.4 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 11.0 | 11.0 | 9.0 | | | 9.0 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 11.0 | 11.0 | 8.7 | | | 8.7 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 11.0 | 11.0 | 8.4 | | | 8.4 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 11.0 | 11.0 | 8.0 | | | 8.0 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 11.0 | 11.0 | 7.7 | | | 7.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 11.0 | 11.0 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 11.0 | 11.0 | 7.2 | | | 7.2 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 11.0 | 11.0 | 6.9 | | | 6.9 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 11.0 | 11.0 | 6.6 | | | 6.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 11.0 | 11.0 | 6.3 | | | 6.3 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 11.0 | 11.0 | 6.1 | | | 6.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 11.0 | 11.0 | 5.9 | | | 5.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 11.0 | 11.0 | 5.6 | | | 5.6 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 11.0 | 11.0 | 5.4 | | | 5.4 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 11.0 | 11.0 | 5.2 | | | 5.2 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 11.0 | 11.0 | 5.0 | | | 5.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 11.0 | 11.0 | 4.8 | | | 4.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 11.0 | 11.0 | 4.6 | | | 4.6 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 11.0 | 11.0 | 4.5 | | | 4.5 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 11.0 | 11.0 | 4.3 | | | 4.3 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 11.0 | 11.0 | 4.1 | | | 4.1 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 11.0 | 11.0 | 4.0 | | | 4.0 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 11.0 | 11.0 | 3.8 | | | 3.8 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 11.0 | 11.0 | 3.7 | | | 3.7 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 11.0 | 11.0 | 3.5 | | | 3.5 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 11.0 | 11.0 | 3.4 | | | 3.4 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 11.0 | 11.0 | 3.3 | | | 3.3 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 11.0 | 11.0 | 3.1 | | | 3.1 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 11.0 | 11.0 | 3.0 | | | 3.0 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 11.0 | 11.0 | 2.9 | | | 2.9 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 11.0 | 11.0 | 2.8 | | | 2.8 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 11.0 | 11.0 | 2.7 | | | 2.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 11.0 | 11.0 | 2.6 | | | 2.6 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 11.0 | 11.0 | 2.5 | | | 2.5 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 11.0 | 11.0 | 2.4 | | | 2.4 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 11.0 | 11.0 | 2.3 | | | 2.3 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 11.0 | 11.0 | 2.2 | | | 2.2 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 11.0 | 11.0 | 2.1 | | | 2.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 11.0 | 11.0 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 11.0 | 11.0 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 11.0 | 11.0 | 1.9 | | | 1.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 11.0 | 11.0 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 11.0 | 11.0 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 11.0 | 11.0 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 11.0 | 11.0 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 11.0 | 11.0 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 11.0 | 11.0 | 1.5 | | | 1.5 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 11.0 | 11.0 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 11.0 | 11.0 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 563.9 | 563.9 | 222.7 | 91.2 | 11.4 | 234.1 | 135.0 | 135.0 | 124.9 | 120.1 | 120.1 | 48.6 | 255.1 | 255.1 | 173.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 2.3 |
| 総費用（億円） | C | 1.7 |
| **費用便益比** | **B／C** | **1.35** |
| 純現在価値（億円） | B－C | 1 |
| 経済的内部収益率 | | 6.1% |

# Case ⑪　残事業（受益世帯数+10%）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5　西鹿島水辺整備事業　　費用対便益(残事業:受益世帯数+10%)　水系名:天竜川　河川名:天竜川　　(単位：百万円)

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.011 | 1.265 | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.995 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.968 | 1.170 | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 3.0 | 3.0 | 2.9 | | | 2.9 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 3.0 | 3.0 | 2.8 | | | 2.8 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 9.1 | 9.1 | 8.1 | | | 8.1 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 12.1 | 12.1 | 10.3 | | | 10.3 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 12.1 | 12.1 | 9.9 | | | 9.9 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 12.1 | 12.1 | 9.6 | | | 9.6 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 12.1 | 12.1 | 9.2 | | | 9.2 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 12.1 | 12.1 | 8.8 | | | 8.8 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 12.1 | 12.1 | 8.5 | | | 8.5 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 12.1 | 12.1 | 8.2 | | | 8.2 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 12.1 | 12.1 | 7.9 | | | 7.9 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 12.1 | 12.1 | 7.6 | | | 7.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 12.1 | 12.1 | 7.3 | | | 7.3 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 12.1 | 12.1 | 7.0 | | | 7.0 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 12.1 | 12.1 | 6.7 | | | 6.7 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 12.1 | 12.1 | 6.5 | | | 6.5 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 12.1 | 12.1 | 6.2 | | | 6.2 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 12.1 | 12.1 | 6.0 | | | 6.0 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 12.1 | 12.1 | 5.7 | | | 5.7 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 12.1 | 12.1 | 5.5 | | | 5.5 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 12.1 | 12.1 | 5.3 | | | 5.3 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 12.1 | 12.1 | 5.1 | | | 5.1 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 12.1 | 12.1 | 4.9 | | | 4.9 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 12.1 | 12.1 | 4.7 | | | 4.7 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 12.1 | 12.1 | 4.5 | | | 4.5 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 12.1 | 12.1 | 4.4 | | | 4.4 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 12.1 | 12.1 | 4.2 | | | 4.2 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 12.1 | 12.1 | 4.0 | | | 4.0 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 12.1 | 12.1 | 3.9 | | | 3.9 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 12.1 | 12.1 | 3.7 | | | 3.7 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 12.1 | 12.1 | 3.6 | | | 3.6 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 12.1 | 12.1 | 3.4 | | | 3.4 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 12.1 | 12.1 | 3.3 | | | 3.3 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 12.1 | 12.1 | 3.2 | | | 3.2 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 12.1 | 12.1 | 3.1 | | | 3.1 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 12.1 | 12.1 | 3.0 | | | 3.0 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 12.1 | 12.1 | 2.8 | | | 2.8 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 12.1 | 12.1 | 2.7 | | | 2.7 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 12.1 | 12.1 | 2.6 | | | 2.6 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 12.1 | 12.1 | 2.5 | | | 2.5 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 12.1 | 12.1 | 2.4 | | | 2.4 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 12.1 | 12.1 | 2.3 | | | 2.3 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 12.1 | 12.1 | 2.2 | | | 2.2 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 12.1 | 12.1 | 2.2 | | | 2.2 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 12.1 | 12.1 | 2.1 | | | 2.1 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 12.1 | 12.1 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 12.1 | 12.1 | 1.9 | | | 1.9 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 12.1 | 12.1 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 12.1 | 12.1 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 12.1 | 12.1 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 12.1 | 12.1 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 12.1 | 12.1 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 12.1 | 12.1 | 1.5 | | | 1.5 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 620.1 | 620.1 | 244.7 | 91.2 | 11.4 | 256.1 | 150.0 | 150.0 | 138.9 | 120.1 | 120.1 | 48.6 | 270.1 | 270.1 | 187.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 2.6 |
| 総費用（億円） | C | 1.9 |
| **費用便益比** | **B／C** | **1.37** |
| 純現在価値（億円） | B－C | 1 |
| 経済的内部収益率 | | 6.2% |

# Case ⑫　残事業（受益世帯数-10%）

| 基準（評価）年度 | 2012(H24) |
|---|---|
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

様式-5　西鹿島水辺整備事業　　費用対便益(残事業:受益世帯数-10%)　水系名:天竜川　河川名:天竜川　　（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | -6 | 2006 | 1.011 | 1.265 | | | | | | | | | | | | | | | |
| | -5 | 2007 | 0.995 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.968 | 1.170 | | | | | | | | | | | | | | | |
| | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| | 1 | 2013 | 1.000 | 0.962 | 2.5 | 2.5 | 2.4 | | | 2.4 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 2.5 | 2.5 | 2.3 | | | 2.3 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 7.4 | 7.4 | 6.6 | | | 6.6 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 9.9 | 9.9 | 8.5 | | | 8.5 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 9.9 | 9.9 | 8.1 | | | 8.1 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 9.9 | 9.9 | 7.8 | | | 7.8 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 9.9 | 9.9 | 7.5 | | | 7.5 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 9.9 | 9.9 | 7.2 | | | 7.2 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 9.9 | 9.9 | 7.0 | | | 7.0 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 9.9 | 9.9 | 6.7 | | | 6.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 9.9 | 9.9 | 6.4 | | | 6.4 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 9.9 | 9.9 | 6.2 | | | 6.2 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 9.9 | 9.9 | 5.9 | | | 5.9 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 9.9 | 9.9 | 5.7 | | | 5.7 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 9.9 | 9.9 | 5.5 | | | 5.5 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 9.9 | 9.9 | 5.3 | | | 5.3 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 9.9 | 9.9 | 5.1 | | | 5.1 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 9.9 | 9.9 | 4.9 | | | 4.9 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 9.9 | 9.9 | 4.7 | | | 4.7 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 9.9 | 9.9 | 4.5 | | | 4.5 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 9.9 | 9.9 | 4.3 | | | 4.3 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 9.9 | 9.9 | 4.2 | | | 4.2 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 9.9 | 9.9 | 4.0 | | | 4.0 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 9.9 | 9.9 | 3.9 | | | 3.9 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 9.9 | 9.9 | 3.7 | | | 3.7 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 9.9 | 9.9 | 3.6 | | | 3.6 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 9.9 | 9.9 | 3.4 | | | 3.4 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 9.9 | 9.9 | 3.3 | | | 3.3 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 9.9 | 9.9 | 3.2 | | | 3.2 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 9.9 | 9.9 | 3.0 | | | 3.0 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 9.9 | 9.9 | 2.9 | | | 2.9 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 9.9 | 9.9 | 2.8 | | | 2.8 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 9.9 | 9.9 | 2.7 | | | 2.7 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 9.9 | 9.9 | 2.6 | | | 2.6 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 9.9 | 9.9 | 2.5 | | | 2.5 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 9.9 | 9.9 | 2.4 | | | 2.4 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 9.9 | 9.9 | 2.3 | | | 2.3 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 9.9 | 9.9 | 2.2 | | | 2.2 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 9.9 | 9.9 | 2.1 | | | 2.1 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 9.9 | 9.9 | 2.1 | | | 2.1 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 9.9 | 9.9 | 2.0 | | | 2.0 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 9.9 | 9.9 | 1.9 | | | 1.9 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 9.9 | 9.9 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 9.9 | 9.9 | 1.8 | | | 1.8 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 9.9 | 9.9 | 1.7 | | | 1.7 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 9.9 | 9.9 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 9.9 | 9.9 | 1.6 | | | 1.6 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 9.9 | 9.9 | 1.5 | | | 1.5 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 9.9 | 9.9 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 9.9 | 9.9 | 1.4 | | | 1.4 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 9.9 | 9.9 | 1.3 | | | 1.3 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 9.9 | 9.9 | 1.3 | | | 1.3 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 9.9 | 9.9 | 1.2 | | | 1.2 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 507.4 | 507.4 | 200.0 | 91.2 | 11.4 | 211.4 | 150.0 | 150.0 | 138.9 | 120.1 | 120.1 | 48.6 | 270.1 | 270.1 | 187.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 2.1 |
| 総費用（億円） | C | 1.9 |
| **費用便益比** | **B／C** | **1.11** |
| 純現在価値（億円） | B－C | 0 |
| 経済的内部収益率 | | 4.5% |

# 事業費の内訳書

## 河川事業

| 事業名 | 西鹿島水辺整備事業　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | 1 | 625.0 | |
| | 本工事費 | | 式 | 1 | 625.0 | |
| | | 緩傾斜堤 | m | 900 | 225.0 | |
| | | 低水護岸 | m | 400 | 400.0 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | 1 | 102.8 | |
| 工事諸費 | | | 式 | 1 | 84.5 | |
| 自治体費用 | | | 式 | 1 | 283.0 | 浜松市 |
| 事業費　計 | | | 式 | 1 | 1095.3 | |
| 維持管理費 | | | 式 | 1 | 2.3 | 巡視、草刈(年間) |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。

※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4　備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 河川事業

| 事業名 | 西鹿島水辺整備事業　（残事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | | | |
| | 本工事費 | | 式 | | | |
| | | 緩傾斜堤 | m | | | |
| | | 低水護岸 | m | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | | | |
| 工事諸費 | | | 式 | | | |
| 自治体費用 | | | 式 | 1 | 150.0 | 浜松市 |
| 事業費　計 | | | 式 | 1 | 150.0 | |
| 維持管理費 | | | 式 | 1 | 2.3 | 巡視(年間) |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVMを用いる。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | ・周辺環境は、公園であるなど、水辺整備と公園整備が周辺の地価に及ぼす影響を切り分けることが困難であることから適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | ・事例は多くあるが、周辺環境（自然環境、社会環境）や事業内容、事業規模等により便益は異なることが想定される。既存事例の適用は事業特性や周辺環境が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | ・西鹿島地区での活動を安全で快適にするための事業であり、同等の機能を代替する方法がないため適用しない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | ・西鹿島地区を利用しやすくするための事業もあり、利用価値が認められる。また、子供たちの環境体験など、非利用価値も認められる。<br>・CVMでは利用価値および非利用価値の評価も可能であり、適用事例も多いことから適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | ・比較できる複数の仮想状態（プロファイル）を作成することが困難であることから、適用しない | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | ・本事業の整備効果として費用対効果は不可欠な効果であり、便益として計測することが重要 | × |

# 2.CVM調査チェックリスト

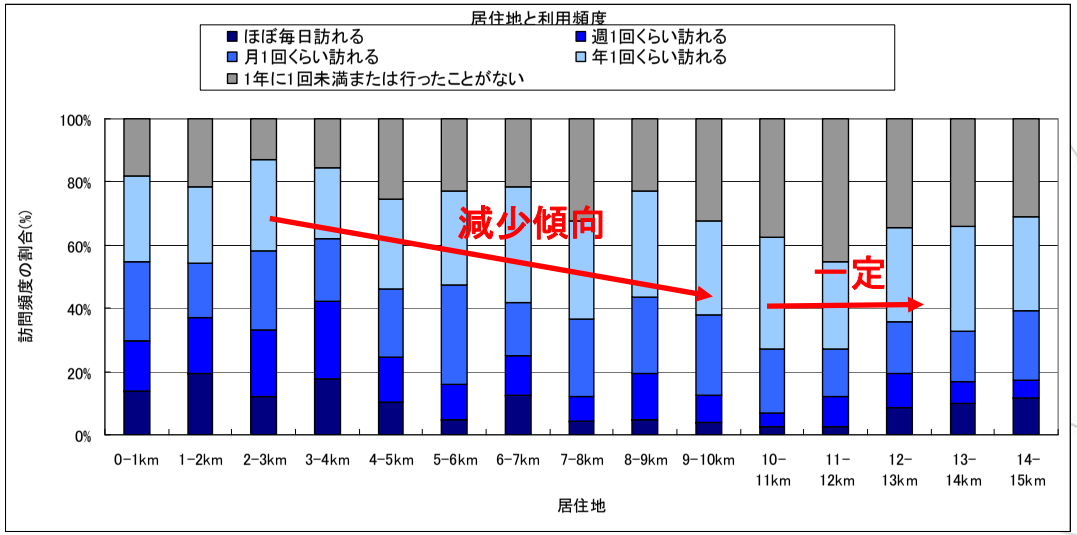
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る253票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケートを実施。

■当該地区への来訪頻度の変化点は10km付近に見られるが前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は25,585世帯




来訪頻度の距離別構成

○世帯数の集計範囲

事業箇所周辺5km

# 4.支払意思額:WTP

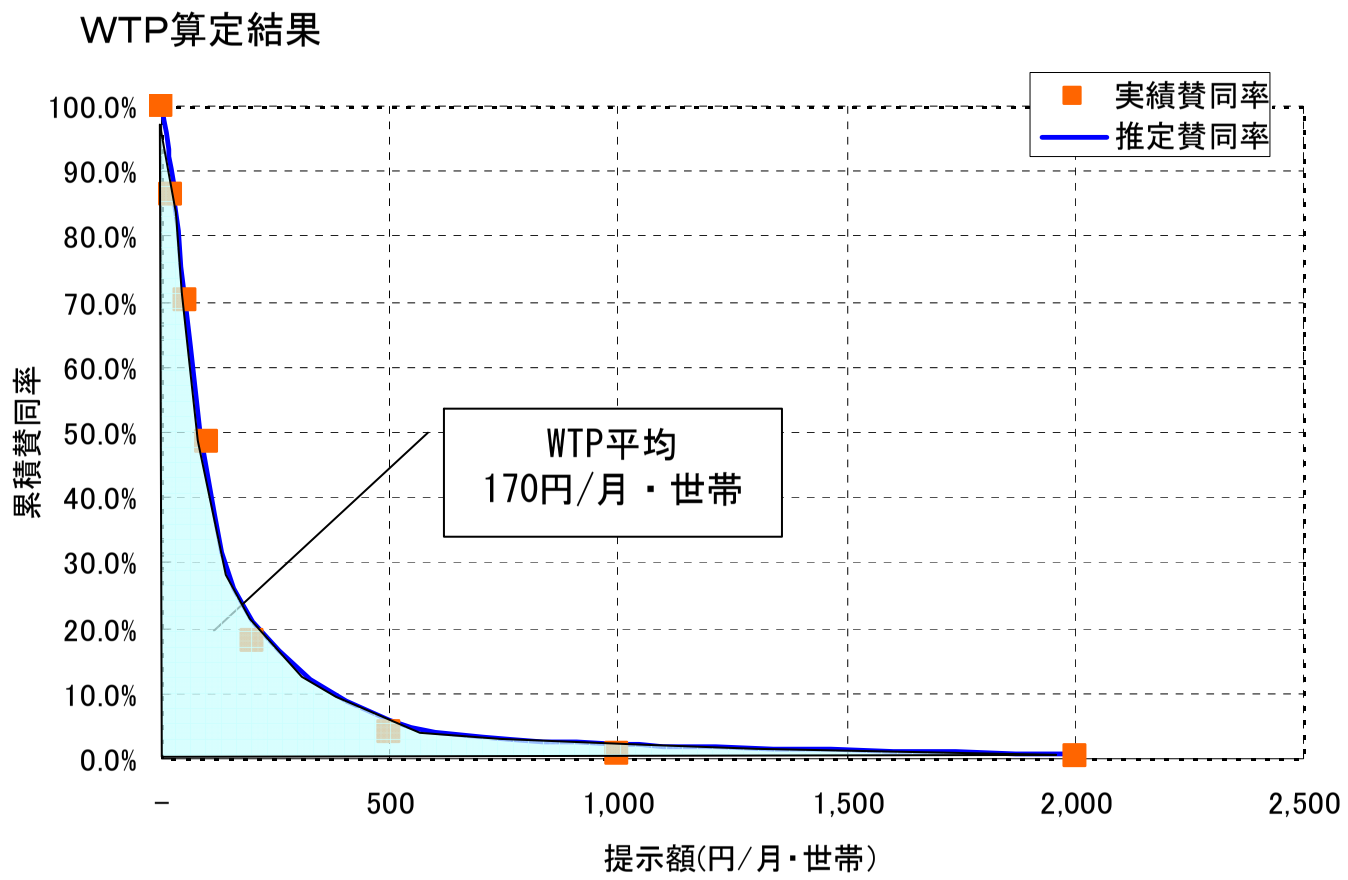
『地域の住民』のＷＴＰ

170円／月／世帯

『地域の住民』の年便益

年便益＝170円×12ヶ月×25,585世帯
≒52百万円／年

▽算定結果



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

【事業全体】

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -7 | 2005 | 1.021 | 1.316 | 0.0 | 0.0 | 0.0 | | | 0.0 | 596.3 | 608.8 | 801.2 | 0.00 | 0.00 | 0.00 | 596.3 | 608.8 | 801.2 |
| | -6 | 2006 | 1.011 | 1.265 | 23.1 | 23.1 | 29.2 | | | 29.2 | 216.0 | 218.4 | 276.3 | 0.19 | 0.19 | 0.24 | 216.2 | 218.6 | 276.5 |
| | -5 | 2007 | 0.995 | 1.217 | 35.7 | 35.7 | 43.4 | | | 43.4 | 0.0 | 0.0 | 0.0 | 0.26 | 0.26 | 0.32 | 0.26 | 0.26 | 0.32 |
| | -4 | 2008 | 0.968 | 1.170 | 35.7 | 35.7 | 41.8 | | | 41.8 | 12.0 | 11.6 | 13.6 | 0.26 | 0.25 | 0.29 | 12.3 | 11.9 | 13.9 |
| | -3 | 2009 | 1.001 | 1.125 | 35.7 | 35.7 | 40.2 | | | 40.2 | 30.0 | 30.0 | 33.8 | 0.26 | 0.26 | 0.29 | 30.3 | 30.3 | 34.1 |
| | -2 | 2010 | 1.000 | 1.082 | 38.4 | 38.4 | 41.5 | | | 41.5 | 48.0 | 48.0 | 51.9 | 0.26 | 0.26 | 0.28 | 48.3 | 48.3 | 52.2 |
| | -1 | 2011 | 1.000 | 1.040 | 41.2 | 41.2 | 42.8 | | | 42.8 | 28.0 | 28.0 | 29.1 | 0.63 | 0.63 | 0.66 | 28.6 | 28.6 | 29.8 |
| | 0 | 2012 | 1.000 | 1.000 | 41.2 | 41.2 | 41.2 | | | 41.2 | 15.0 | 15.0 | 15.0 | 1.0 | 1.0 | 1.0 | 16.0 | 16.0 | 16.0 |
| | 1 | 2013 | 1.000 | 0.962 | 43.9 | 43.9 | 42.2 | | | 42.2 | 50.0 | 50.0 | 48.1 | 1.4 | 1.4 | 1.3 | 51.4 | 51.4 | 49.4 |
| | 2 | 2014 | 1.000 | 0.925 | 43.9 | 43.9 | 40.6 | | | 40.6 | 50.0 | 50.0 | 46.3 | 1.7 | 1.7 | 1.6 | 51.7 | 51.7 | 47.9 |
| | 3 | 2015 | 1.000 | 0.889 | 49.4 | 49.4 | 43.9 | | | 43.9 | 50.0 | 50.0 | 44.5 | 2.0 | 2.0 | 1.8 | 52.0 | 52.0 | 46.3 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 52.2 | 52.2 | 44.6 | | | 44.6 | | | | 2.3 | 2.3 | 2.0 | 2.3 | 2.3 | 2.0 |
| | 5 | 2017 | 1.000 | 0.822 | 52.2 | 52.2 | 42.9 | | | 42.9 | | | | 2.3 | 2.3 | 1.9 | 2.3 | 2.3 | 1.9 |
| | 6 | 2018 | 1.000 | 0.790 | 52.2 | 52.2 | 41.2 | | | 41.2 | | | | 2.3 | 2.3 | 1.8 | 2.3 | 2.3 | 1.8 |
| | 7 | 2019 | 1.000 | 0.760 | 52.2 | 52.2 | 39.7 | | | 39.7 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 8 | 2020 | 1.000 | 0.731 | 52.2 | 52.2 | 38.2 | | | 38.2 | | | | 2.3 | 2.3 | 1.7 | 2.3 | 2.3 | 1.7 |
| | 9 | 2021 | 1.000 | 0.703 | 52.2 | 52.2 | 36.7 | | | 36.7 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 10 | 2022 | 1.000 | 0.676 | 52.2 | 52.2 | 35.3 | | | 35.3 | | | | 2.3 | 2.3 | 1.6 | 2.3 | 2.3 | 1.6 |
| | 11 | 2023 | 1.000 | 0.650 | 52.2 | 52.2 | 33.9 | | | 33.9 | | | | 2.3 | 2.3 | 1.5 | 2.3 | 2.3 | 1.5 |
| | 12 | 2024 | 1.000 | 0.625 | 52.2 | 52.2 | 32.6 | | | 32.6 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 13 | 2025 | 1.000 | 0.601 | 52.2 | 52.2 | 31.4 | | | 31.4 | | | | 2.3 | 2.3 | 1.4 | 2.3 | 2.3 | 1.4 |
| | 14 | 2026 | 1.000 | 0.577 | 52.2 | 52.2 | 30.1 | | | 30.1 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 15 | 2027 | 1.000 | 0.555 | 52.2 | 52.2 | 29.0 | | | 29.0 | | | | 2.3 | 2.3 | 1.3 | 2.3 | 2.3 | 1.3 |
| | 16 | 2028 | 1.000 | 0.534 | 52.2 | 52.2 | 27.9 | | | 27.9 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 17 | 2029 | 1.000 | 0.513 | 52.2 | 52.2 | 26.8 | | | 26.8 | | | | 2.3 | 2.3 | 1.2 | 2.3 | 2.3 | 1.2 |
| | 18 | 2030 | 1.000 | 0.494 | 52.2 | 52.2 | 25.8 | | | 25.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 19 | 2031 | 1.000 | 0.475 | 52.2 | 52.2 | 24.8 | | | 24.8 | | | | 2.3 | 2.3 | 1.1 | 2.3 | 2.3 | 1.1 |
| | 20 | 2032 | 1.000 | 0.456 | 52.2 | 52.2 | 23.8 | | | 23.8 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 21 | 2033 | 1.000 | 0.439 | 52.2 | 52.2 | 22.9 | | | 22.9 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 22 | 2034 | 1.000 | 0.422 | 52.2 | 52.2 | 22.0 | | | 22.0 | | | | 2.3 | 2.3 | 1.0 | 2.3 | 2.3 | 1.0 |
| | 23 | 2035 | 1.000 | 0.406 | 52.2 | 52.2 | 21.2 | | | 21.2 | | | | 2.3 | 2.3 | 0.93 | 2.3 | 2.3 | 0.93 |
| | 24 | 2036 | 1.000 | 0.390 | 52.2 | 52.2 | 20.4 | | | 20.4 | | | | 2.3 | 2.3 | 0.90 | 2.3 | 2.3 | 0.90 |
| | 25 | 2037 | 1.000 | 0.375 | 52.2 | 52.2 | 19.6 | | | 19.6 | | | | 2.3 | 2.3 | 0.86 | 2.3 | 2.3 | 0.86 |
| | 26 | 2038 | 1.000 | 0.361 | 52.2 | 52.2 | 18.8 | | | 18.8 | | | | 2.3 | 2.3 | 0.83 | 2.3 | 2.3 | 0.83 |
| | 27 | 2039 | 1.000 | 0.347 | 52.2 | 52.2 | 18.1 | | | 18.1 | | | | 2.3 | 2.3 | 0.80 | 2.3 | 2.3 | 0.80 |
| | 28 | 2040 | 1.000 | 0.333 | 52.2 | 52.2 | 17.4 | | | 17.4 | | | | 2.3 | 2.3 | 0.77 | 2.3 | 2.3 | 0.77 |
| | 29 | 2041 | 1.000 | 0.321 | 52.2 | 52.2 | 16.8 | | | 16.8 | | | | 2.3 | 2.3 | 0.74 | 2.3 | 2.3 | 0.74 |
| | 30 | 2042 | 1.000 | 0.308 | 52.2 | 52.2 | 16.1 | | | 16.1 | | | | 2.3 | 2.3 | 0.71 | 2.3 | 2.3 | 0.71 |
| | 31 | 2043 | 1.000 | 0.296 | 52.2 | 52.2 | 15.5 | | | 15.5 | | | | 2.3 | 2.3 | 0.68 | 2.3 | 2.3 | 0.68 |
| | 32 | 2044 | 1.000 | 0.285 | 52.2 | 52.2 | 14.9 | | | 14.9 | | | | 2.3 | 2.3 | 0.66 | 2.3 | 2.3 | 0.66 |
| | 33 | 2045 | 1.000 | 0.274 | 52.2 | 52.2 | 14.3 | | | 14.3 | | | | 2.3 | 2.3 | 0.63 | 2.3 | 2.3 | 0.63 |
| | 34 | 2046 | 1.000 | 0.264 | 52.2 | 52.2 | 13.8 | | | 13.8 | | | | 2.3 | 2.3 | 0.61 | 2.3 | 2.3 | 0.61 |
| | 35 | 2047 | 1.000 | 0.253 | 52.2 | 52.2 | 13.2 | | | 13.2 | | | | 2.3 | 2.3 | 0.58 | 2.3 | 2.3 | 0.58 |
| | 36 | 2048 | 1.000 | 0.244 | 52.2 | 52.2 | 12.7 | | | 12.7 | | | | 2.3 | 2.3 | 0.56 | 2.3 | 2.3 | 0.56 |
| | 37 | 2049 | 1.000 | 0.234 | 52.2 | 52.2 | 12.2 | | | 12.2 | | | | 2.3 | 2.3 | 0.54 | 2.3 | 2.3 | 0.54 |
| | 38 | 2050 | 1.000 | 0.225 | 52.2 | 52.2 | 11.7 | | | 11.7 | | | | 2.3 | 2.3 | 0.52 | 2.3 | 2.3 | 0.52 |
| | 39 | 2051 | 1.000 | 0.217 | 52.2 | 52.2 | 11.3 | | | 11.3 | | | | 2.3 | 2.3 | 0.50 | 2.3 | 2.3 | 0.50 |
| | 40 | 2052 | 1.000 | 0.208 | 52.2 | 52.2 | 10.9 | | | 10.9 | | | | 2.3 | 2.3 | 0.48 | 2.3 | 2.3 | 0.48 |
| | 41 | 2053 | 1.000 | 0.200 | 52.2 | 52.2 | 10.4 | | | 10.4 | | | | 2.3 | 2.3 | 0.46 | 2.3 | 2.3 | 0.46 |
| | 42 | 2054 | 1.000 | 0.193 | 52.2 | 52.2 | 10.1 | | | 10.1 | | | | 2.3 | 2.3 | 0.44 | 2.3 | 2.3 | 0.44 |
| | 43 | 2055 | 1.000 | 0.185 | 52.2 | 52.2 | 9.7 | | | 9.7 | | | | 2.3 | 2.3 | 0.43 | 2.3 | 2.3 | 0.43 |
| | 44 | 2056 | 1.000 | 0.178 | 52.2 | 52.2 | 9.3 | | | 9.3 | | | | 2.3 | 2.3 | 0.41 | 2.3 | 2.3 | 0.41 |
| | 45 | 2057 | 1.000 | 0.171 | 52.2 | 52.2 | 8.9 | | | 8.9 | | | | 2.3 | 2.3 | 0.39 | 2.3 | 2.3 | 0.39 |
| | 46 | 2058 | 1.000 | 0.165 | 52.2 | 52.2 | 8.6 | | | 8.6 | | | | 2.3 | 2.3 | 0.38 | 2.3 | 2.3 | 0.38 |
| | 47 | 2059 | 1.000 | 0.158 | 52.2 | 52.2 | 8.2 | | | 8.2 | | | | 2.3 | 2.3 | 0.36 | 2.3 | 2.3 | 0.36 |
| | 48 | 2060 | 1.000 | 0.152 | 52.2 | 52.2 | 7.9 | | | 7.9 | | | | 2.3 | 2.3 | 0.35 | 2.3 | 2.3 | 0.35 |
| | 49 | 2061 | 1.000 | 0.146 | 52.2 | 52.2 | 7.6 | | | 7.6 | | | | 2.3 | 2.3 | 0.34 | 2.3 | 2.3 | 0.34 |
| | 50 | 2062 | 1.000 | 0.141 | 52.2 | 52.2 | 7.4 | | | 7.4 | | | | 2.3 | 2.3 | 0.32 | 2.3 | 2.3 | 0.32 |
| | 51 | 2063 | 1.000 | 0.135 | 52.2 | 52.2 | 7.0 | | | 7.0 | | | | 2.3 | 2.3 | 0.31 | 2.3 | 2.3 | 0.31 |
| | 52 | 2064 | 1.000 | 0.130 | 52.2 | 52.2 | 6.8 | | | 6.8 | | | | 2.3 | 2.3 | 0.30 | 2.3 | 2.3 | 0.30 |
| | 53 | 2065 | 1.000 | 0.125 | 52.2 | 52.2 | 6.5 | | | 6.5 | | | | 2.3 | 2.3 | 0.29 | 2.3 | 2.3 | 0.29 |
| 合計 | | | | | 2998.2 | 2998.2 | 1403.7 | 91.2 | 11.4 | 1415.1 | 1095.3 | 1109.8 | 1359.8 | 124.6 | 123.0 | 51.7 | 1219.9 | 1232.8 | 1411.5 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14.2 |
| 総費用（億円） | C | 14.1 |
| **費用便益比** | **B／C** | **1.01** |
| 純現在価値（億円） | B－C | 0 |
| 経済的内部収益率 | | 4.0% |

## (2)調査アンケート票　1/7

### 天竜川の河川利用を推進するための取組みに関するアンケート調査のお願い

平成24年2月
国土交通省中部地方整備局
浜松河川国道事務所

謹啓

立春の候、皆さま方におかれましてはますますご健勝のことと存じます。

平素より、河川行政にご理解・ご協力を賜りまして、誠にありがとうございます。

このたび、国土交通省中部地方整備局 浜松河川国道事務所では、天竜川の河川利用を推進するための取組みに関するアンケート調査を実施することとなりました。

このアンケートは、**皆さまからご意見などをいただき、河川利用を推進するための護岸・河川敷の整備など（以下、「水辺整備の取組み」という。）今後の川づくりに役立てていくこと**を目的として、**天竜川下流域を中心とした約10km以内の地域**にお住まいの方を対象に実施させていただいております。

お忙しいところ誠に恐れ入りますが、本アンケート調査の目的をご理解いただき、ご協力くださいますようよろしくお願い申し上げます。

謹白

#### ご記入にあたって

- この調査票は、あなたの**世帯の中で主な収入を得ておられる方**、またはそれに準じる方（主にその配偶者）がお答えください。
- **別添した「説明資料」をご覧いただいた上で、ご回答をお願いします。**
- この調査票にご記入いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません。**また、本調査の目的以外に使用することも決してありません。
- このアンケートには、**取組みの価値を金銭に置き換えて評価するという、皆さんにあまりなじみがない質問の内容、形式、仮定が含まれています**ことをご了承ください。（**この調査の回答をもとに税金の値上げや、あなたの世帯から実際に負担金を徴収することはございません。**）

#### アンケート調査についてのお問い合わせ

- 本アンケート調査についてご不明な点がございましたら、下記までお問い合わせください。

株式会社　建設技術研究所 中部支社　河川部　　担当：川村、氷見
電話：052−218−3795
FAX：052−218−3823
（電話は土・日・祝日を除く　9：00〜17：00）

国土交通省 中部地方整備局 浜松河川国道事務所 調査第一課　　担当：佐々木、長野
電話：053−466−0116
FAX：053−466−0122
（電話は土・日・祝日を除く　8：30〜17：15）



### 天竜川の水辺整備の取組みに関するアンケート用紙

最初に、あなたと天竜川との関わりについてお尋ねします。

【問1】あなたは現在、天竜川にどれくらいの頻度で訪れていますか。あてはまる番号を1つ選び、○をつけてください。

① ほぼ毎日　　訪れる
② 週　に　1回くらい　訪れる
③ 月　に　1回くらい　訪れる
④ 年　に　1回くらい　訪れる
⑤ 1年に　1回未満（または行ったことがない）

【問2】天竜川にはどのような目的で訪れていますか。
あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 水辺の散策
② 釣り
③ 自然観察や環境学習
④ 水遊び
⑤ 運動（サッカー、野球など）
⑥ 通勤・通学・ショッピング等の通り道
⑦ その他（　　）

## (2)調査アンケート票　2/7

ここからは別添の説明資料をよくご覧ください。以下ではこの説明資料をご覧の上ご回答ください。

【問３】あなたは、天竜川の水辺整備の取組みが進められていたことをご存知でしたか。どちらかの番号に○をつけてください。

①知っていた

②知らなかった

【問４】天竜川の水辺整備の取組みを行うことで、あなたや家族にとって、何かいいこと（効果）があると思いますか。どちらかの番号に○をつけてください。

① よいことがあると思う ―→【問５】へ

② よいことがあるとは思わない ―→【問６】へ

【問５】問４で「①よいことがあると思う」に○印をつけた方に伺います。
その理由は何ですか。あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 河川・水辺に親しみやすくなる

② 河川敷に遊びに行くことができるようになる

③ 散歩や軽い運動、グラウンドの利用などができるようになる

④ あなたの親類や友人など、他の人にとってよいことである

⑤ あなたの子孫を含め、将来の世代にとってよいことである

⑥ 河川の環境がよくなることは、よいことである

⑦ その他（　　）

└→【問６】へ

アンケート　3

ここからは別添の説明資料に示すような水辺整備の取組みをした場合の効果を評価するため、下記の通り仮定をし、質問を行います。

**仮定①：「各世帯からの負担金」で取組みを行うと仮定します**

実際にはこのような取組みは税金によって実施されていますが、仮に取組みが税金ではなく、各世帯から負担金を集めて行われるような仕組みがあるとして、支払ってもよいと思う金額についてお尋ねいたします。

負担金は今の地域にお住まいの間、定期的に負担していただくことと仮定いたします。なお、支払い額によって取組みの内容が変わることはありません。

**仮定②：負担金は他の取組みには使われないと仮定します**

負担金は、この取組みの実施と維持管理のためにのみ使われ、他には一切使われないと仮定いたします。

**仮定③：これはあくまでも仮定の話です**

これは、取組みの効果を評価するための仮定の話であり、実際に世帯からの負担金を集める仕組みが考えられているものではありません。また、この回答をもって税金の値上げや負担金を集めるようなことは、一切ありません。

アンケート　4

## (2)調査アンケート票　3/7

**西鹿島水辺整備事業（以下、「西鹿島地区」という。）の取組みについて仮の質問です。**

以下では、別添した説明資料をご覧の上ご回答ください。

【問 6】「西鹿島地区の水辺整備の取組み」について、次の（1）～（7）に、”取組みあり”の場合の世帯の負担金の額を具体的に示します。（1）から順に取組みを行うことに反対・賛成のどちらかを選び、番号を○で囲んでください。（1）で反対を選んだ方は、次ページ問 7 で反対理由をお答えください。（2）以降で反対を選んだ方は、次ページ問 8 でそれまでの賛成理由をお答えください。なお、”取組みなし”と”取組みあり”の状況は、下の表のように仮定します。

| | 取組みなしの状況 | 取組みありの状況 |
|---|---|---|
| 天竜川・西鹿島地区の水辺整備の取組み | ・河川敷へ降りづらい状態でした。<br>・草木が生い茂り、河川敷の利用がしづらい状態でした。<br>・水辺へ近づきにくい状態でした。<br>・世帯の負担金はありません。 | ・堤防斜面をゆるくしたり、階段、河川敷の基盤整備によって河川敷が利用しやすくなり、花火大会などのイベントの場として活用が図られています。<br>・また、多目的公園が整備され、地域の憩いの場として活用が図られています。<br>・階段護岸の整備により水辺に近づきやすくなりました。<br>・世帯の負担金が必要です。 |

（1）負担金が世帯あたり毎月 20 円（年間 240 円）の場合

1）反対　　2）賛成

→ 次ページ【問 7】へ

（2）負担金が世帯あたり毎月 50 円（年間 600 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ

（3）負担金が世帯あたり毎月 100 円（年間 1，200 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ

（4）負担金が世帯あたり毎月 200 円（年間 2，400 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ

（5）負担金が世帯あたり毎月 500 円（年間 6，000 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ　　→ 次ページ（6）へ

アンケート－　5

【問 6】のつづき

（6）負担金が世帯あたり毎月 1，000 円（年間 12，000 円）の場合

1）反対　　2）賛成

→ 【問 8】へ

（7）負担金が世帯あたり毎月 2，000 円（年間 24，000 円）の場合

1）反対　　2）賛成

→ 【問 8】へ　　→ 【問 8】へ

【問 7】問 6 の（1）で、「取組みに反対」とお答えになった方のみに質問します。反対の主な理由を1つだけ選び、番号を○で囲んでください。

1）取組みは必要だと思うが、毎月 20 円（年間 240 円）も支払う価値はないと思うから
2）たとえ支払いがなくても、この取組みを行わない方がよいと思うから
3）これだけの情報では判断できないから
4）世帯から負担金を集めるという仕組みに反対だから
5）その他（　　）

→ 次ページ【問 9】へ

【問 8】問 6 の（1）で、「取組みに賛成」とお答えになった方のみに質問します。賛成の主な理由を1つだけ選び、番号を○で囲んでください。

1）子供たちが安心して遊べるようになるから
2）水遊びなど、川にふれあうことができるから
3）洪水の心配がなくなるから
4）自分たちにとっては意味がないが、他の人が払うのなら仕方がないから
5）水辺を散歩できるようになるから
6）その他（　　）

→ 次ページ【問 9】へ

以上で仮の質問は終わりです。
次ページへお進みください

アンケート－　6

## (2)調査アンケート票　4/7

**西鹿島地区の取組み箇所の利用状況に関する質問です。**

以下では、別添の説明資料をご覧の上ご回答ください。

【問９】最近１年間であなたや家族の西鹿島地区（説明資料に示す取組み場所）での利用状況に関してお答えください。

（１）最近１年間で西鹿島地区の取組み場所に行きましたか。どちらかの番号に○をつけてください。

① 行った　→　【問９】（２）へ
② 行っていない　→　【問 10】へ

（２）西鹿島地区の取組み場所に行ったときに他の場所も訪れましたか。
あてはまる番号を１つ選び、番号に○をつけてください。

①西鹿島地区の取組み場所に行き、他の場所は訪れなかった
②主に別の場所に行き、ついでに西鹿島地区の取組み場所にも寄った

（３）西鹿島地区の取組み場所は、現在どのくらい利用していますか。また、取組みが行われた場合はどのくらい利用しますか。それぞれに概ねの回数を記入して下さい。

現在は、１年間に（　　）回くらい利用している
取組みが行われた場合は、１年間に（　　）回くらい利用する

（４）あなたを含めて家族で同行した人数を教えてください。
※子どもは中学生以下とします。世帯にお子様がいない場合には子どもの欄は「０（ゼロ）人」をご記入ください。

平均で大人［　　］人、子ども［　　］人

（５）訪問したときの主な交通手段を１つ選び、番号に○をつけてください。
※交通手段は通常お使いのものでお答えください。
※自転車とバスを使うなど、一度に複数の交通手段を併用する場合には主な交通手段でお答えください。

① 自家用車　② 自転車　③ 徒歩　④ バス
⑤ その他（　　）

（６）前問の交通手段での所要時間（片道）を教えてください。

約［　　］分



（７）前問の交通手段での費用（片道）を教えてください。
※交通手段でバス等の公共交通機関をお答え頂いた方のみご記入ください。
※大人１人あたりの費用（片道）をご記入ください。

約［　　］円

（８）１回の訪問における平均的な滞在時間を教えてください。

約［　　］分

以上で西鹿島地区の取組みに関する質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　5/7

### Q　あなたご自身に関する質問です。

統計分析上の必要性から、アンケートにご協力くださったあなたご自身についてお尋ねしますが、<u>個人データとして公表されることは絶対にございません</u>ので、ご協力をお願いいたします。

【問14】あなたの性別の番号に○をつけてください。

① 男性　② 女性

【問15】あなたの年齢の番号に○をつけてください。

① １０歳代　② ２０歳代　③ ３０歳代　④ ４０歳代
⑤ ５０歳代　⑥ ６０歳代　⑦ ７０歳以上

【問16】あなたの世帯で主な収入を得ておられる方のご職業は何ですか。あてはまるものを<u>１つ</u>選び、○で囲んでください。

① 自営　② 給与所得者（会社員、公務員等）
③ 会社・団体役員　④ パート・アルバイト
⑤ 年金生活者　⑥ 学生
⑦ その他（　　）

【問17】あなたのお住まいの郵便番号をご記入ください。

郵便番号　□□□ - □□□□

アンケートー　13

### Q　このアンケートの内容についての質問です。

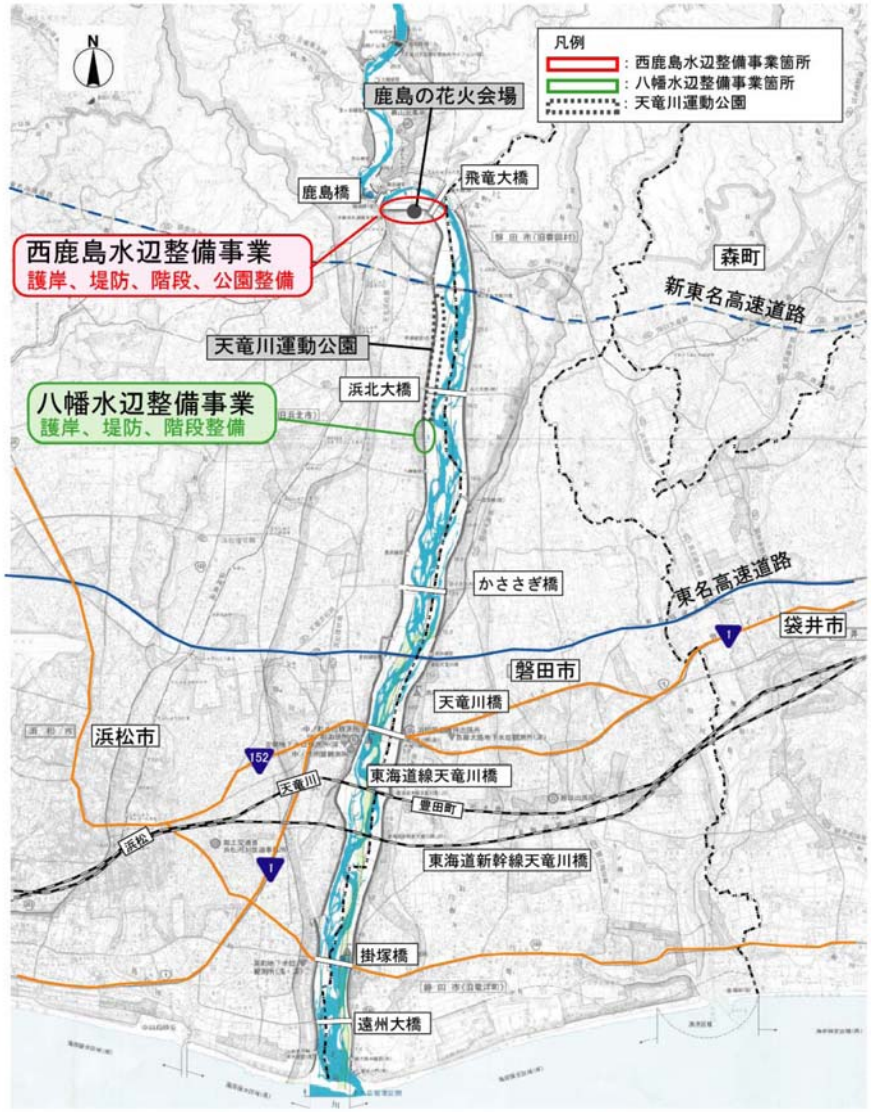
【問 18】　天竜川での取組み、本アンケート調査に対するご意見がございましたら、ご記入ください。（ご自由にお書きください）
※ない場合は「なし」とご記入してください。

アンケートー　14

## (2)調査アンケート票　6/7

### 天竜川周辺（西鹿島水辺整備事業、八幡水辺整備事業）の取組みとは？

天竜川では、水辺整備の取組みとして、「護岸・堤防・階段や公園の整備」を行っています。




環境整備箇所　位置図

説明資料

# 天竜川周辺の環境整備 －西鹿島水辺整備事業の 整備内容と利活用の様子

## 事業①：西鹿島水辺整備事業（護岸・堤防・階段・公園整備）

### 事業の背景・目的

◆西鹿島地区は120年余の伝統ある「鹿島の花火」会場として、地域住民の憩いの場となっていました。しかし、河川敷が整備されていなかったことから、日常的に利活用できる場の整備が望まれていました。

◆そのため、子どもたちが日常的にスポーツなどに活用できるよう、基盤整備行いました。

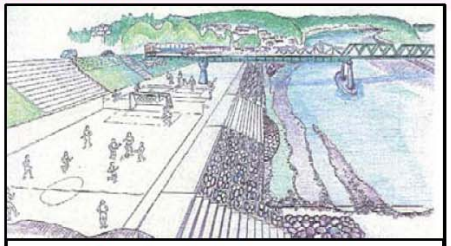
### ◆取組み前の状況

- 河川敷へ降りづらい状態でした。
- 草木が生い茂り、河川敷の利用がしづらい状態でした。
- 水辺へ近づきにくい状態でした。

### ◆取組み後の状況（整備中）

- 堤防斜面をゆるくしたり、階段、河川敷の基盤整備によって河川敷が利用しやすくなり、花火大会などのイベントの場として活用が図られています。
- また、多目的広場が整備され、地域の憩いの場として活用が図れられています。
- 階段護岸の整備により水辺に近づきやすくなりました。

**⇒今後、浜松市がサッカー場等を整備予定であり、更なる利活用が期待されます。**



★事業実施後のイメージ図

# ＜天竜川総合水系環境整備事業＞
# （天竜川自然再生事業：再評価）

# 天竜川総合水系環境整備事業（天竜川上流河川事務所）
# 天竜川自然再生整備事業
# ▽感度分析（様式5）目次


Case ①　全体事業

Case ②　全体事業（事業費+10%）

Case ③　全体事業（事業費-10%）

Case ④　全体事業（受益世帯数+10%）

Case ⑤　全体事業（受益世帯数-10%）

Case ⑥　全体事業（残工期+10%）

Case ⑦　全体事業（残工期-10%）

Case ⑧　残事業

Case ⑨　残事業（事業費+10%）

Case ⑩　残事業（事業費-10%）

Case ⑪　残事業（受益世帯数+10%）

Case ⑫　残事業（受益世帯数-10%）

Case ⑬　残事業（残工期+10%）

Case ⑭　残事業（残工期-10%）

# Case ①　全体事業（事業費+10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（全体事業）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 1.170 | 0.965 | | | | | 133.0 | 150 | | | 133.0 | 150.1 |
| | H21 | -3 | 1.125 | 1.001 | 16.6 | 18.7 | | 18.7 | 346.0 | 390 | | | 346.0 | 389.6 |
| | H22 | -2 | 1.082 | 1.000 | 59.9 | 64.8 | | 64.8 | 0 | 0 | 0.30 | 0.32 | 0.30 | 0.30 |
| | H23 | -1 | 1.040 | 1.000 | 59.9 | 62.3 | | 62.3 | 158.0 | 164.3 | 0.30 | 0.31 | 158.3 | 164.6 |
| | H24 | 0 | 1.000 | 1.000 | 79.7 | 79.7 | | 79.7 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 98.7 | 94.9 | | 94.9 | 223.0 | 214.5 | 0.72 | 0.69 | 223.7 | 215.2 |
| | H26 | 2 | 0.925 | 1.000 | 126.5 | 117.0 | | 117.0 | 223.0 | 206.3 | 1.0 | 0.91 | 224.0 | 207.2 |
| | H27 | 3 | 0.889 | 1.000 | 154.4 | 137.3 | | 137.3 | 223.0 | 198.2 | 3.2 | 2.9 | 226.2 | 201.1 |
| | H28 | 4 | 0.855 | 1.000 | 182.3 | 155.9 | | 155.9 | 223.0 | 190.7 | 1.8 | 1.6 | 224.8 | 192.3 |
| | H29 | 5 | 0.822 | 1.000 | 210.2 | 172.8 | | 172.8 | 224.0 | 184.1 | 2.6 | 2.1 | 226.6 | 186.2 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 238.2 | 188.2 | | 188.2 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H31 | 7 | 0.760 | 1.000 | 238.2 | 181.0 | | 181.0 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 238.2 | 174.1 | | 174.1 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 238.2 | 167.5 | | 167.5 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 238.2 | 161.0 | | 161.0 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 238.2 | 154.8 | | 154.8 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 238.2 | 148.9 | | 148.9 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 238.2 | 143.2 | | 143.2 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 238.2 | 137.4 | | 137.4 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 238.2 | 132.2 | | 132.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 238.2 | 127.2 | | 127.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 238.2 | 122.2 | | 122.2 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 238.2 | 117.7 | | 117.7 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 238.2 | 113.1 | | 113.1 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 238.2 | 108.6 | | 108.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 238.2 | 104.6 | | 104.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 238.2 | 100.5 | | 100.5 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 238.2 | 96.7 | | 96.7 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 238.2 | 92.9 | | 92.9 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 238.2 | 89.3 | | 89.3 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 238.2 | 86.0 | | 86.0 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 238.2 | 82.7 | | 82.7 | | | 2.7 | 0.94 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 238.2 | 79.3 | | 79.3 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 238.2 | 76.5 | | 76.5 | | | 2.7 | 0.87 | 2.7 | 0.9 |
| | H54 | 30 | 0.308 | 1.000 | 238.2 | 73.4 | | 73.4 | | | 2.7 | 0.84 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 238.2 | 70.5 | | 70.5 | | | 2.7 | 0.81 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 238.2 | 67.9 | | 67.9 | | | 2.7 | 0.78 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 238.2 | 65.3 | | 65.3 | | | 4.7 | 1.3 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 238.2 | 62.9 | | 62.9 | | | 2.7 | 0.72 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 238.2 | 60.3 | | 60.3 | | | 2.7 | 0.69 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 238.2 | 58.1 | | 58.1 | | | 2.7 | 0.66 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 238.2 | 55.7 | | 55.7 | | | 2.7 | 0.64 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 238.2 | 53.6 | | 53.6 | | | 4.7 | 1.1 | 4.7 | 1.1 |
| | H63 | 39 | 0.217 | 1.000 | 238.2 | 51.7 | | 51.7 | | | 2.7 | 0.59 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 238.2 | 49.5 | | 49.5 | | | 2.7 | 0.57 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 238.2 | 47.6 | | 47.6 | | | 2.7 | 0.54 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 238.2 | 46.0 | | 46.0 | | | 2.7 | 0.52 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 238.2 | 44.1 | | 44.1 | | | 4.7 | 0.87 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 238.2 | 42.4 | | 42.4 | | | 2.7 | 0.48 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 238.2 | 40.7 | | 40.7 | | | 2.7 | 0.47 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 238.2 | 39.3 | | 39.3 | | | 2.7 | 0.45 | 2.7 | 0.50 |
| | H71 | 47 | 0.158 | 1.000 | 238.2 | 37.6 | | 37.6 | | | 2.7 | 0.43 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 238.2 | 36.2 | | 36.2 | | | 4.7 | 0.72 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 238.2 | 34.8 | | 34.8 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 238.2 | 33.6 | | 33.6 | | | 2.7 | 0.38 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 238.2 | 32.2 | | 32.2 | | | 2.7 | 0.37 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 238.2 | 31.0 | | 31.0 | | | 2.7 | 0.35 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 238.2 | 29.8 | | 29.8 | | | 4.7 | 0.59 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 1.000 | 238.2 | 28.6 | | 28.6 | | | 2.7 | 0.33 | 2.7 | 0.30 |
| | H79 | 55 | 0.116 | 2.000 | 238.2 | 27.6 | | 27.6 | | | 2.7 | 0.63 | 2.7 | 0.60 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 12,898.2 | 5,109.4 | 0 | 5,109.4 | 1,905.0 | 1,849.8 | 166.2 | 64.6 | 2,071.2 | 1,914.4 |

| | | |
|---|---|---|
| 総便益(億円) | B | 51 |
| 総費用(億円) | C | 19 |
| 費用便益費 | B/C | 2.7 |
| 純現在価値 | B-C | 32 |

# Case ②　全体事業（事業費+10%）

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H30) |
| 社会的割引率 | 4% |

費用対便益（全体事業：事業費+10%）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便　益（B） | | | | 費　用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 1.170 | 0.965 | | | | | 133.0 | 150.1 | | | 133.0 | 150.1 |
| | H21 | -3 | 1.125 | 1.001 | 15.7 | 17.7 | | 17.7 | 346.0 | 389.6 | | | 346.0 | 389.6 |
| | H22 | -2 | 1.082 | 1.000 | 56.6 | 61.2 | | 61.2 | 0 | 0 | 0.30 | 0.30 | 0.30 | 0.30 |
| | H23 | -1 | 1.040 | 1.000 | 56.6 | 58.8 | | 58.8 | 158.0 | 164.3 | 0.30 | 0.30 | 158.3 | 164.6 |
| | H24 | 0 | 1.000 | 1.000 | 75.2 | 75.2 | | 75.2 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 93.2 | 89.7 | | 89.7 | 245.3 | 236.0 | 0.72 | 0.70 | 246.0 | 236.7 |
| | H26 | 2 | 0.925 | 1.000 | 122.2 | 113.0 | | 113.0 | 245.3 | 226.9 | 0.98 | 0.90 | 246.3 | 227.8 |
| | H27 | 3 | 0.889 | 1.000 | 151.1 | 134.4 | | 134.4 | 245.3 | 218.1 | 3.2 | 2.9 | 248.5 | 221.0 |
| | H28 | 4 | 0.855 | 1.000 | 180.1 | 154.0 | | 154.0 | 245.3 | 209.7 | 1.8 | 1.6 | 247.1 | 211.3 |
| | H29 | 5 | 0.822 | 1.000 | 209.1 | 171.9 | | 171.9 | 246.4 | 202.5 | 2.6 | 2.1 | 249.0 | 204.6 |
| 施設完成後の評価期間（５０年） | H30 | 6 | 0.790 | 1.000 | 238.2 | 188.2 | | 188.2 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H31 | 7 | 0.760 | 1.000 | 238.2 | 181.0 | | 181.0 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 238.2 | 174.1 | | 174.1 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 238.2 | 167.5 | | 167.5 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 238.2 | 161.0 | | 161.0 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 238.2 | 154.8 | | 154.8 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 238.2 | 148.9 | | 148.9 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 238.2 | 143.2 | | 143.2 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 238.2 | 137.4 | | 137.4 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 238.2 | 132.2 | | 132.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 238.2 | 127.2 | | 127.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 238.2 | 122.2 | | 122.2 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 238.2 | 117.7 | | 117.7 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 238.2 | 113.1 | | 113.1 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 238.2 | 108.6 | | 108.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 238.2 | 104.6 | | 104.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 238.2 | 100.5 | | 100.5 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 238.2 | 96.7 | | 96.7 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 238.2 | 92.9 | | 92.9 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 238.2 | 89.3 | | 89.3 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 238.2 | 86.0 | | 86.0 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 238.2 | 82.7 | | 82.7 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 238.2 | 79.3 | | 79.3 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 238.2 | 76.5 | | 76.5 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H54 | 30 | 0.308 | 1.000 | 238.2 | 73.4 | | 73.4 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 238.2 | 70.5 | | 70.5 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 238.2 | 67.9 | | 67.9 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 238.2 | 65.3 | | 65.3 | | | 4.7 | 1.3 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 238.2 | 62.9 | | 62.9 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 238.2 | 60.3 | | 60.3 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 238.2 | 58.1 | | 58.1 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 238.2 | 55.7 | | 55.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 238.2 | 53.6 | | 53.6 | | | 4.7 | 1.1 | 4.7 | 1.1 |
| | H63 | 39 | 0.217 | 1.000 | 238.2 | 51.7 | | 51.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 238.2 | 49.5 | | 49.5 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 238.2 | 47.6 | | 47.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 238.2 | 46.0 | | 46.0 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 238.2 | 44.1 | | 44.1 | | | 4.7 | 0.90 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 238.2 | 42.4 | | 42.4 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 238.2 | 40.7 | | 40.7 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 238.2 | 39.3 | | 39.3 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H71 | 47 | 0.158 | 1.000 | 238.2 | 37.6 | | 37.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 238.2 | 36.2 | | 36.2 | | | 4.7 | 0.70 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 238.2 | 34.8 | | 34.8 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 238.2 | 33.6 | | 33.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 238.2 | 32.2 | | 32.2 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 238.2 | 31.0 | | 31.0 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 238.2 | 29.8 | | 29.8 | | | 4.7 | 0.60 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 1.000 | 238.2 | 28.6 | | 28.6 | | | 2.7 | 0.30 | 2.7 | 0.30 |
| | H79 | 55 | 0.116 | 2.000 | 238.2 | 27.6 | | 27.6 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 12,869.8 | 5,081.9 | 0 | 5,081.9 | 2,016.6 | 1,949.2 | 166.2 | 64.5 | 2,182.8 | 2,013.7 |

| | | |
|---|---|---|
| 総便益(億円) | B | 51 |
| 総費用(億円) | C | 20 |
| 費用便益費 | B/C | 2.6 |
| 純現在価値 | B-C | 31 |

# Case ③　全体事業（事業費-10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（全体事業：事業費-10%）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便　益（B） | | | | 費　用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 1.170 | 0.965 | | | | | 133.0 | 150.1 | | | 133.0 | 150.1 |
| | H21 | -3 | 1.125 | 1.001 | 17.7 | 19.9 | | 19.9 | 346.0 | 389.6 | | | 346.0 | 389.6 |
| | H22 | -2 | 1.082 | 1.000 | 63.6 | 68.8 | | 68.8 | 0 | 0 | 0.30 | 0.30 | 0.30 | 0.30 |
| | H23 | -1 | 1.040 | 1.000 | 63.6 | 66.2 | | 66.2 | 158.0 | 164.3 | 0.30 | 0.30 | 158.3 | 164.6 |
| | H24 | 0 | 1.000 | 1.000 | 84.6 | 84.6 | | 84.6 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 104.8 | 100.8 | | 100.8 | 200.7 | 193.1 | 0.72 | 0.70 | 201.4 | 193.8 |
| | H26 | 2 | 0.925 | 1.000 | 131.5 | 121.6 | | 121.6 | 200.7 | 185.6 | 0.98 | 0.90 | 201.7 | 186.5 |
| | H27 | 3 | 0.889 | 1.000 | 158.1 | 140.6 | | 140.6 | 200.7 | 178.4 | 3.2 | 2.9 | 203.9 | 181.3 |
| | H28 | 4 | 0.855 | 1.000 | 184.8 | 158.0 | | 158.0 | 200.7 | 171.6 | 1.8 | 1.6 | 202.5 | 173.2 |
| | H29 | 5 | 0.822 | 1.000 | 211.4 | 173.8 | | 173.8 | 201.6 | 165.7 | 2.6 | 2.1 | 204.2 | 167.8 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 238.2 | 188.2 | | 188.2 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H31 | 7 | 0.760 | 1.000 | 238.2 | 181.0 | | 181.0 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 238.2 | 174.1 | | 174.1 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 238.2 | 167.5 | | 167.5 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 238.2 | 161.0 | | 161.0 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 238.2 | 154.8 | | 154.8 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 238.2 | 148.9 | | 148.9 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 238.2 | 143.2 | | 143.2 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 238.2 | 137.4 | | 137.4 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 238.2 | 132.2 | | 132.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 238.2 | 127.2 | | 127.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 238.2 | 122.2 | | 122.2 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 238.2 | 117.7 | | 117.7 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 238.2 | 113.1 | | 113.1 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 238.2 | 108.6 | | 108.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 238.2 | 104.6 | | 104.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 238.2 | 100.5 | | 100.5 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 238.2 | 96.7 | | 96.7 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 238.2 | 92.9 | | 92.9 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 238.2 | 89.3 | | 89.3 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 238.2 | 86.0 | | 86.0 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 238.2 | 82.7 | | 82.7 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 238.2 | 79.3 | | 79.3 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 238.2 | 76.5 | | 76.5 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H54 | 30 | 0.308 | 1.000 | 238.2 | 73.4 | | 73.4 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 238.2 | 70.5 | | 70.5 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 238.2 | 67.9 | | 67.9 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 238.2 | 65.3 | | 65.3 | | | 4.7 | 1.30 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 238.2 | 62.9 | | 62.9 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 238.2 | 60.3 | | 60.3 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 238.2 | 58.1 | | 58.1 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 238.2 | 55.7 | | 55.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 238.2 | 53.6 | | 53.6 | | | 4.7 | 1.10 | 4.7 | 1.10 |
| | H63 | 39 | 0.217 | 1.000 | 238.2 | 51.7 | | 51.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 238.2 | 49.5 | | 49.5 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 238.2 | 47.6 | | 47.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 238.2 | 46.0 | | 46.0 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 238.2 | 44.1 | | 44.1 | | | 4.7 | 0.90 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 238.2 | 42.4 | | 42.4 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 238.2 | 40.7 | | 40.7 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 238.2 | 39.3 | | 39.3 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H71 | 47 | 0.158 | 1.000 | 238.2 | 37.6 | | 37.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 238.2 | 36.2 | | 36.2 | | | 4.7 | 0.70 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 238.2 | 34.8 | | 34.8 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 238.2 | 33.6 | | 33.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 238.2 | 32.2 | | 32.2 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 238.2 | 31.0 | | 31.0 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 238.2 | 29.8 | | 29.8 | | | 4.7 | 0.60 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 1.000 | 238.2 | 28.6 | | 28.6 | | | 2.7 | 0.30 | 2.7 | 0.30 |
| | H79 | 55 | 0.116 | 2.000 | 238.2 | 27.6 | | 27.6 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 12,930.1 | 5,140.3 | 0 | 5,140.3 | 1,793.4 | 1,750.4 | 166.2 | 64.5 | 1,959.6 | 1,814.9 |

| | | |
|---|---|---|
| 総便益(億円) | B | 51 |
| 総費用(億円) | C | 18.1 |
| 費用便益費 | B/C | 2.8 |
| 純現在価値 | B-C | 33 |

# Case ④　全体事業（受益世帯数+10%）

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H30) |
| 社会的割引率 | 4% |

費用対便益（全体事業：受益世帯数+10%）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフレーター | 便　益（B） | | | | 費　用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | 0.04 | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 0.965 | 0.966 | | | | | 133.0 | 124.0 | | | 133.0 | 124.0 |
| | H21 | -3 | 1.001 | 1.000 | 18.3 | 18.3 | | 18.3 | 346.0 | 346.3 | | | 346.0 | 346.3 |
| | H22 | -2 | 1.000 | 1.000 | 65.9 | 65.9 | | 65.9 | 0 | 0 | 0.30 | 0.30 | 0 | 0 |
| | H23 | -1 | 1.000 | 1.000 | 65.9 | 65.9 | | 65.9 | 158.0 | 158.0 | 0.30 | 0.30 | 158.3 | 158.3 |
| | H24 | 0 | 1.000 | 1.000 | 87.6 | 87.6 | | 87.6 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 108.5 | 104.4 | | 104.4 | 223.0 | 214.5 | 0.72 | 0.70 | 223.7 | 215.2 |
| | H26 | 2 | 0.925 | 1.000 | 139.2 | 128.7 | | 128.7 | 223.0 | 206.3 | 0.98 | 0.90 | 224.0 | 207.2 |
| | H27 | 3 | 0.889 | 1.000 | 169.9 | 151.0 | | 151.0 | 223.0 | 198.2 | 3.2 | 2.9 | 226.2 | 201.1 |
| | H28 | 4 | 0.855 | 1.000 | 200.5 | 171.4 | | 171.4 | 223.0 | 190.7 | 1.8 | 1.6 | 224.8 | 192.3 |
| | H29 | 5 | 0.822 | 1.000 | 231.2 | 190.0 | | 190.0 | 224.0 | 184.1 | 2.6 | 2.1 | 226.6 | 186.2 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 262.0 | 207.0 | | 207.0 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H31 | 7 | 0.760 | 1.000 | 262.0 | 199.1 | | 199.1 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 262.0 | 191.5 | | 191.5 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 262.0 | 184.2 | | 184.2 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 262.0 | 177.1 | | 177.1 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 262.0 | 170.3 | | 170.3 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 262.0 | 163.8 | | 163.8 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 262.0 | 157.5 | | 157.5 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 262.0 | 151.2 | | 151.2 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 262.0 | 145.4 | | 145.4 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 262.0 | 139.9 | | 139.9 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 262.0 | 134.4 | | 134.4 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 262.0 | 129.4 | | 129.4 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 262.0 | 124.5 | | 124.5 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 262.0 | 119.5 | | 119.5 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 262.0 | 115.0 | | 115.0 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 262.0 | 110.6 | | 110.6 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 262.0 | 106.4 | | 106.4 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 262.0 | 102.2 | | 102.2 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 262.0 | 98.3 | | 98.3 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 262.0 | 94.6 | | 94.6 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 262.0 | 90.9 | | 90.9 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 262.0 | 87.2 | | 87.2 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 262.0 | 84.1 | | 84.1 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H54 | 30 | 0.308 | 1.000 | 262.0 | 80.7 | | 80.7 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 262.0 | 77.6 | | 77.6 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 262.0 | 74.7 | | 74.7 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 262.0 | 71.8 | | 71.8 | | | 4.7 | 1.3 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 262.0 | 69.2 | | 69.2 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 262.0 | 66.3 | | 66.3 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 262.0 | 63.9 | | 63.9 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 262.0 | 61.3 | | 61.3 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 262.0 | 59.0 | | 59.0 | | | 4.7 | 1.1 | 4.7 | 1.1 |
| | H63 | 39 | 0.217 | 1.000 | 262.0 | 56.9 | | 56.9 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 262.0 | 54.5 | | 54.5 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 262.0 | 52.4 | | 52.4 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 262.0 | 50.6 | | 50.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 262.0 | 48.5 | | 48.5 | | | 4.7 | 0.90 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 262.0 | 46.6 | | 46.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 262.0 | 44.8 | | 44.8 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 262.0 | 43.2 | | 43.2 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H71 | 47 | 0.158 | 1.000 | 262.0 | 41.4 | | 41.4 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 262.0 | 39.8 | | 39.8 | | | 4.7 | 0.70 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 262.0 | 38.3 | | 38.3 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 262.0 | 36.9 | | 36.9 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 262.0 | 35.4 | | 35.4 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 262.0 | 34.1 | | 34.1 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 262.0 | 32.8 | | 32.8 | | | 4.7 | 0.60 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 1.000 | 262.0 | 31.4 | | 31.4 | | | 2.7 | 0.30 | 2.7 | 0.30 |
| | H79 | 55 | 0.116 | 2.000 | 262.0 | 30.4 | | 30.4 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 14,186.9 | 5,609.8 | 0 | 5,609.8 | 1,905.0 | 1,774.1 | 166.2 | 64.5 | 2,071.2 | 1,838.6 |

| | | |
|---|---|---|
| 総便益(億円) | B | 56 |
| 総費用(億円) | C | 18 |
| 費用便益費 | B/C | 3.1 |
| 純現在価値 | B-C | 38 |

# Case ⑤　全体事業（受益世帯数-10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（全体事業 受益世帯数-10%）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | 0.04 | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 1.170 | 0.965 | | | | | 133.0 | 150.1 | | | 133.0 | 150.1 |
| | H21 | -3 | 1.125 | 1.001 | 15.0 | 16.8 | | 16.8 | 346.0 | 389.6 | | | 346.0 | 389.6 |
| | H22 | -2 | 1.082 | 1.000 | 53.9 | 58.3 | | 58.3 | 0 | 0 | 0.30 | 0.30 | 0.30 | 0.30 |
| | H23 | -1 | 1.040 | 1.000 | 53.9 | 56.0 | | 56.0 | 158.0 | 164.3 | 0.30 | 0.30 | 158.3 | 164.6 |
| | H24 | 0 | 1.000 | 1.000 | 71.7 | 71.7 | | 71.7 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 88.8 | 85.4 | | 85.4 | 223.0 | 214.5 | 0.72 | 0.70 | 223.7 | 215.2 |
| | H26 | 2 | 0.925 | 1.000 | 113.8 | 105.3 | | 105.3 | 223.0 | 206.3 | 0.98 | 0.90 | 224.0 | 207.2 |
| | H27 | 3 | 0.889 | 1.000 | 138.9 | 123.5 | | 123.5 | 223.0 | 198.2 | 3.2 | 2.9 | 226.2 | 201.1 |
| | H28 | 4 | 0.855 | 1.000 | 164.0 | 140.2 | | 140.2 | 223.0 | 190.7 | 1.8 | 1.6 | 224.8 | 192.3 |
| | H29 | 5 | 0.822 | 1.000 | 189.1 | 155.4 | | 155.4 | 224.0 | 184.1 | 2.6 | 2.1 | 226.6 | 186.2 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 214.3 | 169.3 | | 169.3 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H31 | 7 | 0.760 | 1.000 | 214.3 | 162.9 | | 162.9 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 214.3 | 156.7 | | 156.7 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 214.3 | 150.7 | | 150.7 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 214.3 | 144.9 | | 144.9 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 214.3 | 139.3 | | 139.3 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 214.3 | 133.9 | | 133.9 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 214.3 | 128.8 | | 128.8 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 214.3 | 123.7 | | 123.7 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 214.3 | 118.9 | | 118.9 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 214.3 | 114.4 | | 114.4 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 214.3 | 109.9 | | 109.9 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 214.3 | 105.9 | | 105.9 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 214.3 | 101.8 | | 101.8 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 214.3 | 97.7 | | 97.7 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 214.3 | 94.1 | | 94.1 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 214.3 | 90.4 | | 90.4 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 214.3 | 87.0 | | 87.0 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 214.3 | 83.6 | | 83.6 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 214.3 | 80.4 | | 80.4 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 214.3 | 77.4 | | 77.4 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 214.3 | 74.4 | | 74.4 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 214.3 | 71.4 | | 71.4 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 214.3 | 68.8 | | 68.8 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H54 | 30 | 0.308 | 1.000 | 214.3 | 66.0 | | 66.0 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 214.3 | 63.4 | | 63.4 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 214.3 | 61.1 | | 61.1 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 214.3 | 58.7 | | 58.7 | | | 4.7 | 1.3 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 214.3 | 56.6 | | 56.6 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 214.3 | 54.2 | | 54.2 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 214.3 | 52.3 | | 52.3 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 214.3 | 50.1 | | 50.1 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 214.3 | 48.2 | | 48.2 | | | 4.7 | 1.1 | 4.7 | 1.1 |
| | H63 | 39 | 0.217 | 1.000 | 214.3 | 46.5 | | 46.5 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 214.3 | 44.6 | | 44.6 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 214.3 | 42.9 | | 42.9 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 214.3 | 41.4 | | 41.4 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 214.3 | 39.6 | | 39.6 | | | 4.7 | 0.90 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 214.3 | 38.1 | | 38.1 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 214.3 | 36.6 | | 36.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 214.3 | 35.4 | | 35.4 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H71 | 47 | 0.158 | 1.000 | 214.3 | 33.9 | | 33.9 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 214.3 | 32.6 | | 32.6 | | | 4.7 | 0.70 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 214.3 | 31.3 | | 31.3 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 214.3 | 30.2 | | 30.2 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 214.3 | 28.9 | | 28.9 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 214.3 | 27.9 | | 27.9 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 214.3 | 26.8 | | 26.8 | | | 4.7 | 0.60 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 1.000 | 214.3 | 25.7 | | 25.7 | | | 2.7 | 0.30 | 2.7 | 0.30 |
| | H79 | 55 | 0.116 | 2.000 | 214.3 | 24.9 | | 24.9 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 11,604.0 | 4,596.8 | 0 | 4,596.8 | 1,905.0 | 1,849.8 | 166.2 | 64.5 | 2,071.2 | 1,914.3 |

| | | |
|---|---|---|
| 総便益(億円) | B | 46 |
| 総費用(億円) | C | 19 |
| 費用便益費 | B/C | 2.4 |
| 純現在価値 | B-C | 27 |

# Case ⑥　全体事業（残工期+10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（全体事業：残工期+10%）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 1.170 | 0.965 | | | | | 133.0 | 150.1 | | | 133.0 | 150.1 |
| | H21 | -3 | 1.125 | 1.001 | 16.6 | 18.7 | | 18.7 | 346.0 | 389.6 | | | 346.0 | 389.6 |
| | H22 | -2 | 1.082 | 1.000 | 59.9 | 64.8 | | 64.8 | 0 | 0 | 0.30 | 0.30 | 0.30 | 0.30 |
| | H23 | -1 | 1.040 | 1.000 | 59.9 | 62.3 | | 62.3 | 158.0 | 164.3 | 0.30 | 0.30 | 158.3 | 164.6 |
| | H24 | 0 | 1.000 | 1.000 | 79.7 | 79.7 | | 79.7 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 98.7 | 94.9 | | 94.9 | 185.8 | 178.7 | 0.72 | 0.70 | 186.6 | 179.4 |
| | H26 | 2 | 0.925 | 1.000 | 121.9 | 112.8 | | 112.8 | 185.8 | 171.9 | 0.94 | 0.90 | 186.8 | 172.8 |
| | H27 | 3 | 0.889 | 1.000 | 145.1 | 129.0 | | 129.0 | 185.8 | 165.2 | 3.1 | 2.8 | 189.0 | 168.0 |
| | H28 | 4 | 0.855 | 1.000 | 168.4 | 144.0 | | 144.0 | 185.8 | 158.9 | 1.5 | 1.3 | 187.4 | 160.2 |
| | H29 | 5 | 0.822 | 1.000 | 191.6 | 157.5 | | 157.5 | 186.0 | 152.9 | 2.1 | 1.7 | 188.1 | 154.6 |
| | H30 | 6 | 0.790 | 1.000 | 214.9 | 169.7 | | 169.7 | 186.7 | 147.5 | 2.6 | 2.1 | 189.3 | 149.6 |
| 施設完成後の評価期間（～５０年） | H31 | 7 | 0.760 | 1.000 | 238.2 | 181.0 | | 181.0 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 238.2 | 174.1 | | 174.1 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 238.2 | 167.5 | | 167.5 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 238.2 | 161.0 | | 161.0 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 238.2 | 154.8 | | 154.8 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 238.2 | 148.9 | | 148.9 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 238.2 | 143.2 | | 143.2 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 238.2 | 137.4 | | 137.4 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 238.2 | 132.2 | | 132.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 238.2 | 127.2 | | 127.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 238.2 | 122.2 | | 122.2 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 238.2 | 117.7 | | 117.7 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 238.2 | 113.1 | | 113.1 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 238.2 | 108.6 | | 108.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 238.2 | 104.6 | | 104.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 238.2 | 100.5 | | 100.5 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 238.2 | 96.7 | | 96.7 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 238.2 | 92.9 | | 92.9 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 238.2 | 89.3 | | 89.3 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 238.2 | 86.0 | | 86.0 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 238.2 | 82.7 | | 82.7 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 238.2 | 79.3 | | 79.3 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 238.2 | 76.5 | | 76.5 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H54 | 30 | 0.308 | 1.000 | 238.2 | 73.4 | | 73.4 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 238.2 | 70.5 | | 70.5 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 238.2 | 67.9 | | 67.9 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 238.2 | 65.3 | | 65.3 | | | 4.7 | 1.3 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 238.2 | 62.9 | | 62.9 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 238.2 | 60.3 | | 60.3 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 238.2 | 58.1 | | 58.1 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 238.2 | 55.7 | | 55.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 238.2 | 53.6 | | 53.6 | | | 4.7 | 1.1 | 4.7 | 1.1 |
| | H63 | 39 | 0.217 | 1.000 | 238.2 | 51.7 | | 51.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 238.2 | 49.5 | | 49.5 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 238.2 | 47.6 | | 47.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 238.2 | 46.0 | | 46.0 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 238.2 | 44.1 | | 44.1 | | | 4.7 | 0.90 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 238.2 | 42.4 | | 42.4 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 238.2 | 40.7 | | 40.7 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 238.2 | 39.3 | | 39.3 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H71 | 47 | 0.158 | 1.000 | 238.2 | 37.6 | | 37.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 238.2 | 36.2 | | 36.2 | | | 4.7 | 0.70 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 238.2 | 34.8 | | 34.8 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 238.2 | 33.6 | | 33.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 238.2 | 32.2 | | 32.2 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 238.2 | 31.0 | | 31.0 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 238.2 | 29.8 | | 29.8 | | | 4.7 | 0.60 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 1.000 | 238.2 | 28.6 | | 28.6 | | | 2.7 | 0.30 | 2.7 | 0.30 |
| | H79 | 55 | 0.116 | 1.000 | 238.2 | 27.6 | | 27.6 | | | 2.7 | 0.30 | 2.7 | 0.30 |
| | H80 | 56 | 0.111 | 2.000 | 238.2 | 26.4 | | 26.4 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 13,066.6 | 5,077.6 | 0 | 5,077.6 | 1,905.0 | 1,831.1 | 167.9 | 64.0 | 2,072.9 | 1,895.1 |

| | | |
|---|---|---|
| 総便益(億円) | B | 51 |
| 総費用(億円) | C | 19 |
| 費用便益費 | B/C | 2.7 |

# Case ⑦　全体事業（残工期-10%）

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H30) |
| 社会的割引率 | 4% |

費用対便益（全体事業：残工期-10%）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| 整備期間 | H20 | -4 | 1.170 | 0.965 | | | | | 133.0 | 150.1 | | | 133.0 | 150.1 |
| | H21 | -3 | 1.125 | 1.001 | 16.6 | 18.7 | | 18.7 | 346.0 | 389.6 | | | 346.0 | 389.6 |
| | H22 | -2 | 1.082 | 1.000 | 59.9 | 64.8 | | 64.8 | 0 | 0 | 0.30 | 0.30 | 0.30 | 0.30 |
| | H23 | -1 | 1.040 | 1.000 | 59.9 | 62.3 | | 62.3 | 158.0 | 164.3 | 0.30 | 0.30 | 158.3 | 164.6 |
| | H24 | 0 | 1.000 | 1.000 | 79.7 | 79.7 | | 79.7 | 152.0 | 152.0 | 0.30 | 0.30 | 152.3 | 152.3 |
| | H25 | 1 | 0.962 | 1.000 | 98.7 | 94.9 | | 94.9 | 278.8 | 268.2 | 0.72 | 0.70 | 279.5 | 268.9 |
| | H26 | 2 | 0.925 | 1.000 | 133.5 | 123.5 | | 123.5 | 278.8 | 257.9 | 1.04 | 1.00 | 279.8 | 258.9 |
| | H27 | 3 | 0.889 | 1.000 | 168.4 | 149.7 | | 149.7 | 278.8 | 247.9 | 3.5 | 3.1 | 282.3 | 251.0 |
| | H28 | 4 | 0.855 | 1.000 | 203.2 | 173.8 | | 173.8 | 279.8 | 239.2 | 2.4 | 2.1 | 282.2 | 241.3 |
| 施設完成後の評価期間（50年） | H29 | 5 | 0.822 | 1.000 | 238.2 | 195.8 | | 195.8 | | | 2.7 | 2.2 | 2.7 | 2.2 |
| | H30 | 6 | 0.790 | 1.000 | 238.2 | 188.2 | | 188.2 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H31 | 7 | 0.760 | 1.000 | 238.2 | 181.0 | | 181.0 | | | 2.7 | 2.1 | 2.7 | 2.1 |
| | H32 | 8 | 0.731 | 1.000 | 238.2 | 174.1 | | 174.1 | | | 4.7 | 3.5 | 4.7 | 3.5 |
| | H33 | 9 | 0.703 | 1.000 | 238.2 | 167.5 | | 167.5 | | | 2.7 | 1.9 | 2.7 | 1.9 |
| | H34 | 10 | 0.676 | 1.000 | 238.2 | 161.0 | | 161.0 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H35 | 11 | 0.650 | 1.000 | 238.2 | 154.8 | | 154.8 | | | 2.7 | 1.8 | 2.7 | 1.8 |
| | H36 | 12 | 0.625 | 1.000 | 238.2 | 148.9 | | 148.9 | | | 2.7 | 1.7 | 2.7 | 1.7 |
| | H37 | 13 | 0.601 | 1.000 | 238.2 | 143.2 | | 143.2 | | | 4.7 | 2.8 | 4.7 | 2.8 |
| | H38 | 14 | 0.577 | 1.000 | 238.2 | 137.4 | | 137.4 | | | 2.7 | 1.6 | 2.7 | 1.6 |
| | H39 | 15 | 0.555 | 1.000 | 238.2 | 132.2 | | 132.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H40 | 16 | 0.534 | 1.000 | 238.2 | 127.2 | | 127.2 | | | 2.7 | 1.5 | 2.7 | 1.5 |
| | H41 | 17 | 0.513 | 1.000 | 238.2 | 122.2 | | 122.2 | | | 2.7 | 1.4 | 2.7 | 1.4 |
| | H42 | 18 | 0.494 | 1.000 | 238.2 | 117.7 | | 117.7 | | | 4.7 | 2.3 | 4.7 | 2.3 |
| | H43 | 19 | 0.475 | 1.000 | 238.2 | 113.1 | | 113.1 | | | 2.7 | 1.3 | 2.7 | 1.3 |
| | H44 | 20 | 0.456 | 1.000 | 238.2 | 108.6 | | 108.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H45 | 21 | 0.439 | 1.000 | 238.2 | 104.6 | | 104.6 | | | 2.7 | 1.2 | 2.7 | 1.2 |
| | H46 | 22 | 0.422 | 1.000 | 238.2 | 100.5 | | 100.5 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H47 | 23 | 0.406 | 1.000 | 238.2 | 96.7 | | 96.7 | | | 4.7 | 1.9 | 4.7 | 1.9 |
| | H48 | 24 | 0.390 | 1.000 | 238.2 | 92.9 | | 92.9 | | | 2.7 | 1.1 | 2.7 | 1.1 |
| | H49 | 25 | 0.375 | 1.000 | 238.2 | 89.3 | | 89.3 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H50 | 26 | 0.361 | 1.000 | 238.2 | 86.0 | | 86.0 | | | 2.7 | 1.0 | 2.7 | 1.0 |
| | H51 | 27 | 0.347 | 1.000 | 238.2 | 82.7 | | 82.7 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H52 | 28 | 0.333 | 1.000 | 238.2 | 79.3 | | 79.3 | | | 4.7 | 1.6 | 4.7 | 1.6 |
| | H53 | 29 | 0.321 | 1.000 | 238.2 | 76.5 | | 76.5 | | | 2.7 | 0.90 | 2.7 | 0.90 |
| | H54 | 30 | 0.308 | 1.000 | 238.2 | 73.4 | | 73.4 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H55 | 31 | 0.296 | 1.000 | 238.2 | 70.5 | | 70.5 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H56 | 32 | 0.285 | 1.000 | 238.2 | 67.9 | | 67.9 | | | 2.7 | 0.80 | 2.7 | 0.80 |
| | H57 | 33 | 0.274 | 1.000 | 238.2 | 65.3 | | 65.3 | | | 4.7 | 1.3 | 4.7 | 1.3 |
| | H58 | 34 | 0.264 | 1.000 | 238.2 | 62.9 | | 62.9 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H59 | 35 | 0.253 | 1.000 | 238.2 | 60.3 | | 60.3 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H60 | 36 | 0.244 | 1.000 | 238.2 | 58.1 | | 58.1 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | H61 | 37 | 0.234 | 1.000 | 238.2 | 55.7 | | 55.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H62 | 38 | 0.225 | 1.000 | 238.2 | 53.6 | | 53.6 | | | 4.7 | 1.1 | 4.7 | 1.1 |
| | H63 | 39 | 0.217 | 1.000 | 238.2 | 51.7 | | 51.7 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H64 | 40 | 0.208 | 1.000 | 238.2 | 49.5 | | 49.5 | | | 2.7 | 0.60 | 2.7 | 0.60 |
| | H65 | 41 | 0.200 | 1.000 | 238.2 | 47.6 | | 47.6 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H66 | 42 | 0.193 | 1.000 | 238.2 | 46.0 | | 46.0 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H67 | 43 | 0.185 | 1.000 | 238.2 | 44.1 | | 44.1 | | | 4.7 | 0.90 | 4.7 | 0.90 |
| | H68 | 44 | 0.178 | 1.000 | 238.2 | 42.4 | | 42.4 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H69 | 45 | 0.171 | 1.000 | 238.2 | 40.7 | | 40.7 | | | 2.7 | 0.50 | 2.7 | 0.50 |
| | H70 | 46 | 0.165 | 1.000 | 238.2 | 39.3 | | 39.3 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H71 | 47 | 0.158 | 1.000 | 238.2 | 37.6 | | 37.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H72 | 48 | 0.152 | 1.000 | 238.2 | 36.2 | | 36.2 | | | 4.7 | 0.70 | 4.7 | 0.70 |
| | H73 | 49 | 0.146 | 1.000 | 238.2 | 34.8 | | 34.8 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H74 | 50 | 0.141 | 1.000 | 238.2 | 33.6 | | 33.6 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H75 | 51 | 0.135 | 1.000 | 238.2 | 32.2 | | 32.2 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H76 | 52 | 0.130 | 1.000 | 238.2 | 31.0 | | 31.0 | | | 2.7 | 0.40 | 2.7 | 0.40 |
| | H77 | 53 | 0.125 | 1.000 | 238.2 | 29.8 | | 29.8 | | | 4.7 | 0.60 | 4.7 | 0.60 |
| | H78 | 54 | 0.120 | 2.000 | 238.2 | 28.6 | | 28.6 | | | 2.7 | 0.70 | 2.7 | 0.70 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 12,729.8 | 5,141.6 | 0 | 5,141.6 | 1,905.0 | 1,869.2 | 164.6 | 65.2 | 2,069.6 | 1,934.4 |

| | | |
|---|---|---|
| 総便益(億円) | B | 51 |
| 総費用(億円) | C | 19 |
| 費用便益費 | B/C | 2.7 |
| 純現在価値 | B-C | 32 |

# Case ⑧　残事業

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（残事業）　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便　益（B） | | | | 費　用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 223.0 | 214.5 | | | 223.0 | 214.5 |
| | H26 | 2 | 0.925 | 1.000 | 27.9 | 25.8 | | 25.8 | 223.0 | 206.3 | 0.26 | 0.20 | 223.3 | 206.5 |
| | H27 | 3 | 0.889 | 1.000 | 55.8 | 49.6 | | 49.6 | 223.0 | 198.2 | 2.5 | 2.2 | 225.5 | 200.4 |
| | H28 | 4 | 0.855 | 1.000 | 83.6 | 71.5 | | 71.5 | 223.0 | 190.7 | 1.1 | 0.9 | 224.1 | 191.6 |
| | H29 | 5 | 0.822 | 1.000 | 111.5 | 91.7 | | 91.7 | 224.0 | 184.1 | 1.9 | 1.5 | 225.9 | 185.6 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 139.5 | 110.2 | | 110.2 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H31 | 7 | 0.760 | 1.000 | 139.5 | 106.0 | | 106.0 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 139.5 | 102.0 | | 102.0 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 139.5 | 98.1 | | 98.1 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 139.5 | 94.3 | | 94.3 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 139.5 | 90.7 | | 90.7 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 139.5 | 87.2 | | 87.2 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 139.5 | 83.8 | | 83.8 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 139.5 | 80.5 | | 80.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 139.5 | 77.4 | | 77.4 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 139.5 | 74.5 | | 74.5 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 139.5 | 71.6 | | 71.6 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 139.5 | 68.9 | | 68.9 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 139.5 | 66.3 | | 66.3 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 139.5 | 63.6 | | 63.6 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 139.5 | 61.2 | | 61.2 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 139.5 | 58.9 | | 58.9 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 139.5 | 56.6 | | 56.6 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 139.5 | 54.4 | | 54.4 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 139.5 | 52.3 | | 52.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 139.5 | 50.4 | | 50.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 139.5 | 48.4 | | 48.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 139.5 | 46.5 | | 46.5 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 139.5 | 44.8 | | 44.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 139.5 | 43.0 | | 43.0 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 139.5 | 41.3 | | 41.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 139.5 | 39.8 | | 39.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 139.5 | 38.2 | | 38.2 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 139.5 | 36.8 | | 36.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 139.5 | 35.3 | | 35.3 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 139.5 | 34.0 | | 34.0 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 139.5 | 32.6 | | 32.6 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 139.5 | 31.4 | | 31.4 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 139.5 | 30.3 | | 30.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 139.5 | 29.0 | | 29.0 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 139.5 | 27.9 | | 27.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 139.5 | 26.9 | | 26.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 139.5 | 25.8 | | 25.8 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 139.5 | 24.8 | | 24.8 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 139.5 | 23.9 | | 23.9 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 139.5 | 23.0 | | 23.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 139.5 | 22.0 | | 22.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 139.5 | 21.2 | | 21.2 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 139.5 | 20.4 | | 20.4 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 139.5 | 19.7 | | 19.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 139.5 | 18.8 | | 18.8 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 139.5 | 18.1 | | 18.1 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 139.5 | 17.4 | | 17.4 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 139.5 | 16.7 | | 16.7 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H79 | 55 | 0.116 | 2.000 | 139.5 | 16.2 | | 16.2 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 7,253.8 | 2,701.7 | 0 | 2,701.7 | 1,116.0 | 993.8 | 125.7 | 47.2 | 1,241.7 | 1,041.0 |

| | | |
|---|---|---|
| 総便益(億円) | B | 27 |
| 総費用(億円) | C | 10.4 |
| 費用便益費 | B/C | 2.6 |
| 純現在価値 | B-C | 17 |

# Case ⑨　残事業（事業費+10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（残事業：事業費+10%）　　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | 0.04 | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 245.3 | 236.0 | | | 245.3 | 236.0 |
| | H26 | 2 | 0.925 | 1.000 | 27.9 | 25.8 | | 25.8 | 245.3 | 226.9 | 0.26 | 0.20 | 245.6 | 227.1 |
| | H27 | 3 | 0.889 | 1.000 | 55.8 | 49.6 | | 49.6 | 245.3 | 218.1 | 2.5 | 2.2 | 247.8 | 220.3 |
| | H28 | 4 | 0.855 | 1.000 | 83.6 | 71.5 | | 71.5 | 245.3 | 209.7 | 1.1 | 0.9 | 246.4 | 210.6 |
| | H29 | 5 | 0.822 | 1.000 | 111.5 | 91.7 | | 91.7 | 246.4 | 202.5 | 1.9 | 1.5 | 248.3 | 204.0 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 139.5 | 110.2 | | 110.2 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H31 | 7 | 0.760 | 1.000 | 139.5 | 106.0 | | 106.0 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 139.5 | 102.0 | | 102.0 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 139.5 | 98.1 | | 98.1 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 139.5 | 94.3 | | 94.3 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 139.5 | 90.7 | | 90.7 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 139.5 | 87.2 | | 87.2 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 139.5 | 83.8 | | 83.8 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 139.5 | 80.5 | | 80.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 139.5 | 77.4 | | 77.4 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 139.5 | 74.5 | | 74.5 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 139.5 | 71.6 | | 71.6 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 139.5 | 68.9 | | 68.9 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 139.5 | 66.3 | | 66.3 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 139.5 | 63.6 | | 63.6 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 139.5 | 61.2 | | 61.2 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 139.5 | 58.9 | | 58.9 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 139.5 | 56.6 | | 56.6 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 139.5 | 54.4 | | 54.4 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 139.5 | 52.3 | | 52.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 139.5 | 50.4 | | 50.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 139.5 | 48.4 | | 48.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 139.5 | 46.5 | | 46.5 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 139.5 | 44.8 | | 44.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 139.5 | 43.0 | | 43.0 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 139.5 | 41.3 | | 41.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 139.5 | 39.8 | | 39.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 139.5 | 38.2 | | 38.2 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 139.5 | 36.8 | | 36.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 139.5 | 35.3 | | 35.3 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 139.5 | 34.0 | | 34.0 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 139.5 | 32.6 | | 32.6 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 139.5 | 31.4 | | 31.4 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 139.5 | 30.3 | | 30.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 139.5 | 29.0 | | 29.0 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 139.5 | 27.9 | | 27.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 139.5 | 26.9 | | 26.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 139.5 | 25.8 | | 25.8 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 139.5 | 24.8 | | 24.8 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 139.5 | 23.9 | | 23.9 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 139.5 | 23.0 | | 23.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 139.5 | 22.0 | | 22.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 139.5 | 21.2 | | 21.2 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 139.5 | 20.4 | | 20.4 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 139.5 | 19.7 | | 19.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 139.5 | 18.8 | | 18.8 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 139.5 | 18.1 | | 18.1 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 139.5 | 17.4 | | 17.4 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 139.5 | 16.7 | | 16.7 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H79 | 55 | 0.116 | 2.000 | 139.5 | 16.2 | | 16.2 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 7,253.8 | 2,701.7 | 0 | 2,701.7 | 1,227.6 | 1,093.2 | 125.7 | 47.2 | 1,353.3 | 1,140.4 |

| | | |
|---|---|---|
| 総便益(億円) | B | 27 |
| 総費用(億円) | C | 11.4 |
| 費用便益費 | B/C | 2.4 |
| 純現在価値 | B-C | 16 |

# Case ⑩　残事業（事業費-10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（残事業：事業費-10%）　　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 200.7 | 193.1 | | | 200.7 | 193.1 |
| | H26 | 2 | 0.925 | 1.000 | 27.9 | 25.8 | | 25.8 | 200.7 | 185.6 | 0.26 | 0.20 | 201.0 | 185.8 |
| | H27 | 3 | 0.889 | 1.000 | 55.8 | 49.6 | | 49.6 | 200.7 | 178.4 | 2.5 | 2.2 | 203.2 | 180.6 |
| | H28 | 4 | 0.855 | 1.000 | 83.6 | 71.5 | | 71.5 | 200.7 | 171.6 | 1.1 | 0.9 | 201.8 | 172.5 |
| | H29 | 5 | 0.822 | 1.000 | 111.5 | 91.7 | | 91.7 | 201.6 | 165.7 | 1.9 | 1.5 | 203.5 | 167.2 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 139.5 | 110.2 | | 110.2 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H31 | 7 | 0.760 | 1.000 | 139.5 | 106.0 | | 106.0 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 139.5 | 102.0 | | 102.0 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 139.5 | 98.1 | | 98.1 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 139.5 | 94.3 | | 94.3 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 139.5 | 90.7 | | 90.7 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 139.5 | 87.2 | | 87.2 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 139.5 | 83.8 | | 83.8 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 139.5 | 80.5 | | 80.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 139.5 | 77.4 | | 77.4 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 139.5 | 74.5 | | 74.5 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 139.5 | 71.6 | | 71.6 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 139.5 | 68.9 | | 68.9 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 139.5 | 66.3 | | 66.3 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 139.5 | 63.6 | | 63.6 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 139.5 | 61.2 | | 61.2 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 139.5 | 58.9 | | 58.9 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 139.5 | 56.6 | | 56.6 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 139.5 | 54.4 | | 54.4 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 139.5 | 52.3 | | 52.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 139.5 | 50.4 | | 50.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 139.5 | 48.4 | | 48.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 139.5 | 46.5 | | 46.5 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 139.5 | 44.8 | | 44.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 139.5 | 43.0 | | 43.0 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 139.5 | 41.3 | | 41.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 139.5 | 39.8 | | 39.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 139.5 | 38.2 | | 38.2 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 139.5 | 36.8 | | 36.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 139.5 | 35.3 | | 35.3 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 139.5 | 34.0 | | 34.0 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 139.5 | 32.6 | | 32.6 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 139.5 | 31.4 | | 31.4 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 139.5 | 30.3 | | 30.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 139.5 | 29.0 | | 29.0 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 139.5 | 27.9 | | 27.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 139.5 | 26.9 | | 26.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 139.5 | 25.8 | | 25.8 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 139.5 | 24.8 | | 24.8 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 139.5 | 23.9 | | 23.9 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 139.5 | 23.0 | | 23.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 139.5 | 22.0 | | 22.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 139.5 | 21.2 | | 21.2 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 139.5 | 20.4 | | 20.4 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 139.5 | 19.7 | | 19.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 139.5 | 18.8 | | 18.8 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 139.5 | 18.1 | | 18.1 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 139.5 | 17.4 | | 17.4 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 139.5 | 16.7 | | 16.7 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H79 | 55 | 0.116 | 2.000 | 139.5 | 16.2 | | 16.2 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 7,253.8 | 2,701.7 | 0 | 2,701.7 | 1,004.4 | 894.4 | 125.7 | 47.2 | 1,130.1 | 941.6 |

| | | |
|---|---|---|
| 総便益(億円) | B | 27 |
| 総費用(億円) | C | 9.4 |
| 費用便益費 | B/C | 2.9 |
| 純現在価値 | B-C | 18 |

# Case ⑪　残事業（受益世帯数+10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（残事業：受益世帯数+10%）　水系名：天竜川　河川名：天竜川　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 223.0 | 214.5 | | | 223.0 | 214.5 |
| | H26 | 2 | 0.925 | 1.000 | 30.7 | 28.4 | | 28.4 | 223.0 | 206.3 | 0.26 | 0.20 | 223.3 | 206.5 |
| | H27 | 3 | 0.889 | 1.000 | 61.3 | 54.5 | | 54.5 | 223.0 | 198.2 | 2.5 | 2.2 | 225.5 | 200.4 |
| | H28 | 4 | 0.855 | 1.000 | 92.0 | 78.7 | | 78.7 | 223.0 | 190.7 | 1.1 | 0.9 | 224.1 | 191.6 |
| | H29 | 5 | 0.822 | 1.000 | 122.7 | 100.9 | | 100.9 | 224.0 | 184.1 | 1.9 | 1.5 | 225.9 | 185.6 |
| 施設完成後の評価期間（50年） | H30 | 6 | 0.790 | 1.000 | 153.5 | 121.3 | | 121.3 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H31 | 7 | 0.760 | 1.000 | 153.5 | 116.7 | | 116.7 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 153.5 | 112.2 | | 112.2 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 153.5 | 107.9 | | 107.9 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 153.5 | 103.8 | | 103.8 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 153.5 | 99.8 | | 99.8 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 153.5 | 95.9 | | 95.9 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 153.5 | 92.3 | | 92.3 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 153.5 | 88.6 | | 88.6 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 153.5 | 85.2 | | 85.2 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 153.5 | 82.0 | | 82.0 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 153.5 | 78.7 | | 78.7 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 153.5 | 75.8 | | 75.8 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 153.5 | 72.9 | | 72.9 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 153.5 | 70.0 | | 70.0 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 153.5 | 67.4 | | 67.4 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 153.5 | 64.8 | | 64.8 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 153.5 | 62.3 | | 62.3 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 153.5 | 59.9 | | 59.9 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 153.5 | 57.6 | | 57.6 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 153.5 | 55.4 | | 55.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 153.5 | 53.3 | | 53.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 153.5 | 51.1 | | 51.1 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 153.5 | 49.3 | | 49.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 153.5 | 47.3 | | 47.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 153.5 | 45.4 | | 45.4 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 153.5 | 43.7 | | 43.7 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 153.5 | 42.1 | | 42.1 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 153.5 | 40.5 | | 40.5 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 153.5 | 38.8 | | 38.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 153.5 | 37.5 | | 37.5 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 153.5 | 35.9 | | 35.9 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 153.5 | 34.5 | | 34.5 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 153.5 | 33.3 | | 33.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 153.5 | 31.9 | | 31.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 153.5 | 30.7 | | 30.7 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 153.5 | 29.6 | | 29.6 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 153.5 | 28.4 | | 28.4 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 153.5 | 27.3 | | 27.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 153.5 | 26.2 | | 26.2 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 153.5 | 25.3 | | 25.3 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 153.5 | 24.3 | | 24.3 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 153.5 | 23.3 | | 23.3 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 153.5 | 22.4 | | 22.4 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 153.5 | 21.6 | | 21.6 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 153.5 | 20.7 | | 20.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 153.5 | 20.0 | | 20.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 153.5 | 19.2 | | 19.2 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 153.5 | 18.4 | | 18.4 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H79 | 55 | 0.116 | 1.000 | 153.5 | 17.8 | | 17.8 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 7,981.7 | 2,972.8 | 0 | 2,972.8 | 1,116.0 | 993.8 | 125.7 | 46.9 | 1,241.7 | 1,040.7 |

| | | |
|---|---|---|
| 総便益(億円) | B | 30 |
| 総費用(億円) | C | 10.4 |
| 費用便益費 | B/C | 2.9 |
| 純現在価値 | B-C | 20 |

# Case ⑫　残事業（受益世帯数-10%）

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H30) |
| 社会的割引率 | 4% |

費用対便益（残事業：受益世帯数-10%）　水系名：天竜川　河川名：天竜川　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 223.0 | 214.5 | | | 223.0 | 214.5 |
| | H26 | 2 | 0.925 | 1.000 | 25.1 | 23.2 | | 23.2 | 223.0 | 206.3 | 0.26 | 0.20 | 223.3 | 206.5 |
| | H27 | 3 | 0.889 | 1.000 | 50.2 | 44.6 | | 44.6 | 223.0 | 198.2 | 2.5 | 2.2 | 225.5 | 200.4 |
| | H28 | 4 | 0.855 | 1.000 | 75.3 | 64.4 | | 64.4 | 223.0 | 190.7 | 1.1 | 0.9 | 224.1 | 191.6 |
| | H29 | 5 | 0.822 | 1.000 | 100.4 | 82.5 | | 82.5 | 224.0 | 184.1 | 1.9 | 1.5 | 225.9 | 185.6 |
| 施設完成後の評価期間（５０年） | H30 | 6 | 0.790 | 1.000 | 125.6 | 99.2 | | 99.2 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H31 | 7 | 0.760 | 1.000 | 125.6 | 95.5 | | 95.5 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 125.6 | 91.8 | | 91.8 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 125.6 | 88.3 | | 88.3 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 125.6 | 84.9 | | 84.9 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 125.6 | 81.6 | | 81.6 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 125.6 | 78.5 | | 78.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 125.6 | 75.5 | | 75.5 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 125.6 | 72.5 | | 72.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 125.6 | 69.7 | | 69.7 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 125.6 | 67.1 | | 67.1 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 125.6 | 64.4 | | 64.4 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 125.6 | 62.0 | | 62.0 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 125.6 | 59.7 | | 59.7 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 125.6 | 57.3 | | 57.3 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 125.6 | 55.1 | | 55.1 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 125.6 | 53.0 | | 53.0 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 125.6 | 51.0 | | 51.0 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 125.6 | 49.0 | | 49.0 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 125.6 | 47.1 | | 47.1 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 125.6 | 45.3 | | 45.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 125.6 | 43.6 | | 43.6 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 125.6 | 41.8 | | 41.8 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 125.6 | 40.3 | | 40.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 125.6 | 38.7 | | 38.7 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 125.6 | 37.2 | | 37.2 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 125.6 | 35.8 | | 35.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 125.6 | 34.4 | | 34.4 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 125.6 | 33.2 | | 33.2 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 125.6 | 31.8 | | 31.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 125.6 | 30.6 | | 30.6 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 125.6 | 29.4 | | 29.4 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 125.6 | 28.3 | | 28.3 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 125.6 | 27.3 | | 27.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 125.6 | 26.1 | | 26.1 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 125.6 | 25.1 | | 25.1 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 125.6 | 24.2 | | 24.2 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 125.6 | 23.2 | | 23.2 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 125.6 | 22.4 | | 22.4 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 125.6 | 21.5 | | 21.5 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 125.6 | 20.7 | | 20.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 125.6 | 19.8 | | 19.8 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 125.6 | 19.1 | | 19.1 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 125.6 | 18.3 | | 18.3 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 125.6 | 17.7 | | 17.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 125.6 | 17.0 | | 17.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 125.6 | 16.3 | | 16.3 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 125.6 | 15.7 | | 15.7 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 125.6 | 15.1 | | 15.1 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H79 | 55 | 0.116 | 1.000 | 125.6 | 14.6 | | 14.6 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 6,531.0 | 2,432.4 | 0 | 2,432.4 | 1,116.0 | 993.8 | 125.7 | 46.9 | 1,241.7 | 1,040.7 |

| | | |
|---|---|---|
| 総便益(億円) | B | 24 |
| 総費用(億円) | C | 10.4 |
| 費用便益費 | B/C | 2.3 |
| 純現在価値 | B-C | 14 |

# Case ⑬　残事業（残工期+10%）

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H30) |
| 社会的割引率 | 4% |

費用対便益（残事業：工期+10%）　　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 185.8 | 178.7 | | | 185.8 | 178.7 |
| | H26 | 2 | 0.925 | 1.000 | 23.2 | 21.5 | | 21.5 | 185.8 | 171.9 | 0.22 | 0.20 | 186.1 | 172.1 |
| | H27 | 3 | 0.889 | 1.000 | 46.5 | 41.3 | | 41.3 | 185.8 | 165.2 | 2.4 | 2.2 | 188.3 | 167.4 |
| | H28 | 4 | 0.855 | 1.000 | 69.7 | 59.6 | | 59.6 | 185.8 | 158.9 | 0.8 | 0.7 | 186.6 | 159.6 |
| | H29 | 5 | 0.822 | 1.000 | 92.9 | 76.4 | | 76.4 | 186.0 | 152.9 | 1.4 | 1.1 | 187.4 | 154.0 |
| | H30 | 6 | 0.790 | 1.000 | 116.2 | 91.8 | | 91.8 | 186.7 | 147.5 | 1.9 | 1.5 | 188.6 | 149.0 |
| 施設完成後の評価期間（50年） | H31 | 7 | 0.760 | 1.000 | 139.5 | 106.0 | | 106.0 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 139.5 | 102.0 | | 102.0 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 139.5 | 98.1 | | 98.1 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 139.5 | 94.3 | | 94.3 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 139.5 | 90.7 | | 90.7 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 139.5 | 87.2 | | 87.2 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 139.5 | 83.8 | | 83.8 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 139.5 | 80.5 | | 80.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 139.5 | 77.4 | | 77.4 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 139.5 | 74.5 | | 74.5 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 139.5 | 71.6 | | 71.6 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 139.5 | 68.9 | | 68.9 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 139.5 | 66.3 | | 66.3 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 139.5 | 63.6 | | 63.6 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 139.5 | 61.2 | | 61.2 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 139.5 | 58.9 | | 58.9 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 139.5 | 56.6 | | 56.6 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 139.5 | 54.4 | | 54.4 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 139.5 | 52.3 | | 52.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 139.5 | 50.4 | | 50.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 139.5 | 48.4 | | 48.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 139.5 | 46.5 | | 46.5 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 139.5 | 44.8 | | 44.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 139.5 | 43.0 | | 43.0 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 139.5 | 41.3 | | 41.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 139.5 | 39.8 | | 39.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 139.5 | 38.2 | | 38.2 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 139.5 | 36.8 | | 36.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 139.5 | 35.3 | | 35.3 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 139.5 | 34.0 | | 34.0 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 139.5 | 32.6 | | 32.6 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 139.5 | 31.4 | | 31.4 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 139.5 | 30.3 | | 30.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 139.5 | 29.0 | | 29.0 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 139.5 | 27.9 | | 27.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 139.5 | 26.9 | | 26.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 139.5 | 25.8 | | 25.8 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 139.5 | 24.8 | | 24.8 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 139.5 | 23.9 | | 23.9 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 139.5 | 23.0 | | 23.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 139.5 | 22.0 | | 22.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 139.5 | 21.2 | | 21.2 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 139.5 | 20.4 | | 20.4 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 139.5 | 19.7 | | 19.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 139.5 | 18.8 | | 18.8 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 139.5 | 18.1 | | 18.1 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 139.5 | 17.4 | | 17.4 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 139.5 | 16.7 | | 16.7 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H79 | 55 | 0.116 | 1.000 | 139.5 | 16.2 | | 16.2 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | H80 | 56 | 0.111 | 2.000 | 139.5 | 15.5 | | 15.5 | | | 2.0 | 0.4 | 2.0 | 0.4 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 7,323 | 2,659 | 0 | 2,659 | 1,116 | 975 | 127 | 47 | 1,243 | 1,022 |

| | | |
|---|---|---|
| 総便益(億円) | B | 27 |
| 総費用(億円) | C | 10.2 |
| 費用便益費 | B/C | 2.6 |
| 純現在価値 | B-C | 17 |

# Case ⑭　残事業（残工期-10%）

| | | |
|---|---|---|
| 基準(評価)年度 | 2012 | (H24) |
| 供用年度 | 2000 | (H30) |
| 社会的割引率 | 4% | |

費用対便益（残事業：工期-10%）　　水系名：天竜川　　河川名：天竜川　　単位：百万円

| 年次 | 年度 | t | 割引率 4% 0.04 | デフレーター | 便益（B） | | | | 費用（C） | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 |
| | H20 | -4 | 1.170 | 0.965 | | | | | | | | | | |
| | H21 | -3 | 1.125 | 1.001 | | | | | | | | | | |
| | H22 | -2 | 1.082 | 1.000 | | | | | | | | | | |
| | H23 | -1 | 1.040 | 1.000 | | | | | | | | | | |
| | H24 | 0 | 1.000 | 1.000 | | | | | | | | | | |
| 整備期間 | H25 | 1 | 0.962 | 1.000 | | | | | 278.8 | 268.2 | | | 278.8 | 268.2 |
| | H26 | 2 | 0.925 | 1.000 | 34.8 | 32.2 | | 32.2 | 278.8 | 257.9 | 0.32 | 0.30 | 279.1 | 258.2 |
| | H27 | 3 | 0.889 | 1.000 | 69.7 | 62.0 | | 62.0 | 278.8 | 247.9 | 2.8 | 2.5 | 281.6 | 250.4 |
| | H28 | 4 | 0.855 | 1.000 | 104.5 | 89.4 | | 89.4 | 279.8 | 239.2 | 1.7 | 1.4 | 281.4 | 240.6 |
| 施設完成後の評価期間（50年） | H29 | 5 | 0.822 | 1.000 | 139.5 | 114.7 | | 114.7 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H30 | 6 | 0.790 | 1.000 | 139.5 | 110.2 | | 110.2 | | | 2.0 | 1.6 | 2.0 | 1.6 |
| | H31 | 7 | 0.760 | 1.000 | 139.5 | 106.0 | | 106.0 | | | 2.0 | 1.5 | 2.0 | 1.5 |
| | H32 | 8 | 0.731 | 1.000 | 139.5 | 102.0 | | 102.0 | | | 4.0 | 2.9 | 4.0 | 2.9 |
| | H33 | 9 | 0.703 | 1.000 | 139.5 | 98.1 | | 98.1 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H34 | 10 | 0.676 | 1.000 | 139.5 | 94.3 | | 94.3 | | | 2.0 | 1.4 | 2.0 | 1.4 |
| | H35 | 11 | 0.650 | 1.000 | 139.5 | 90.7 | | 90.7 | | | 2.0 | 1.3 | 2.0 | 1.3 |
| | H36 | 12 | 0.625 | 1.000 | 139.5 | 87.2 | | 87.2 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H37 | 13 | 0.601 | 1.000 | 139.5 | 83.8 | | 83.8 | | | 4.0 | 2.4 | 4.0 | 2.4 |
| | H38 | 14 | 0.577 | 1.000 | 139.5 | 80.5 | | 80.5 | | | 2.0 | 1.2 | 2.0 | 1.2 |
| | H39 | 15 | 0.555 | 1.000 | 139.5 | 77.4 | | 77.4 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H40 | 16 | 0.534 | 1.000 | 139.5 | 74.5 | | 74.5 | | | 2.0 | 1.1 | 2.0 | 1.1 |
| | H41 | 17 | 0.513 | 1.000 | 139.5 | 71.6 | | 71.6 | | | 2.0 | 1.0 | 2.0 | 1.0 |
| | H42 | 18 | 0.494 | 1.000 | 139.5 | 68.9 | | 68.9 | | | 4.0 | 2.0 | 4.0 | 2.0 |
| | H43 | 19 | 0.475 | 1.000 | 139.5 | 66.3 | | 66.3 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H44 | 20 | 0.456 | 1.000 | 139.5 | 63.6 | | 63.6 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H45 | 21 | 0.439 | 1.000 | 139.5 | 61.2 | | 61.2 | | | 2.0 | 0.9 | 2.0 | 0.90 |
| | H46 | 22 | 0.422 | 1.000 | 139.5 | 58.9 | | 58.9 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H47 | 23 | 0.406 | 1.000 | 139.5 | 56.6 | | 56.6 | | | 4.0 | 1.6 | 4.0 | 1.6 |
| | H48 | 24 | 0.390 | 1.000 | 139.5 | 54.4 | | 54.4 | | | 2.0 | 0.8 | 2.0 | 0.80 |
| | H49 | 25 | 0.375 | 1.000 | 139.5 | 52.3 | | 52.3 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H50 | 26 | 0.361 | 1.000 | 139.5 | 50.4 | | 50.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H51 | 27 | 0.347 | 1.000 | 139.5 | 48.4 | | 48.4 | | | 2.0 | 0.7 | 2.0 | 0.70 |
| | H52 | 28 | 0.333 | 1.000 | 139.5 | 46.5 | | 46.5 | | | 4.0 | 1.3 | 4.0 | 1.30 |
| | H53 | 29 | 0.321 | 1.000 | 139.5 | 44.8 | | 44.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H54 | 30 | 0.308 | 1.000 | 139.5 | 43.0 | | 43.0 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H55 | 31 | 0.296 | 1.000 | 139.5 | 41.3 | | 41.3 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H56 | 32 | 0.285 | 1.000 | 139.5 | 39.8 | | 39.8 | | | 2.0 | 0.6 | 2.0 | 0.60 |
| | H57 | 33 | 0.274 | 1.000 | 139.5 | 38.2 | | 38.2 | | | 4.0 | 1.1 | 4.0 | 1.1 |
| | H58 | 34 | 0.264 | 1.000 | 139.5 | 36.8 | | 36.8 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H59 | 35 | 0.253 | 1.000 | 139.5 | 35.3 | | 35.3 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H60 | 36 | 0.244 | 1.000 | 139.5 | 34.0 | | 34.0 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H61 | 37 | 0.234 | 1.000 | 139.5 | 32.6 | | 32.6 | | | 2.0 | 0.5 | 2.0 | 0.50 |
| | H62 | 38 | 0.225 | 1.000 | 139.5 | 31.4 | | 31.4 | | | 4.0 | 0.9 | 4.0 | 0.90 |
| | H63 | 39 | 0.217 | 1.000 | 139.5 | 30.3 | | 30.3 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H64 | 40 | 0.208 | 1.000 | 139.5 | 29.0 | | 29.0 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H65 | 41 | 0.200 | 1.000 | 139.5 | 27.9 | | 27.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H66 | 42 | 0.193 | 1.000 | 139.5 | 26.9 | | 26.9 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H67 | 43 | 0.185 | 1.000 | 139.5 | 25.8 | | 25.8 | | | 4.0 | 0.7 | 4.0 | 0.70 |
| | H68 | 44 | 0.178 | 1.000 | 139.5 | 24.8 | | 24.8 | | | 2.0 | 0.4 | 2.0 | 0.40 |
| | H69 | 45 | 0.171 | 1.000 | 139.5 | 23.9 | | 23.9 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H70 | 46 | 0.165 | 1.000 | 139.5 | 23.0 | | 23.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H71 | 47 | 0.158 | 1.000 | 139.5 | 22.0 | | 22.0 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H72 | 48 | 0.152 | 1.000 | 139.5 | 21.2 | | 21.2 | | | 4.0 | 0.6 | 4.0 | 0.60 |
| | H73 | 49 | 0.146 | 1.000 | 139.5 | 20.4 | | 20.4 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H74 | 50 | 0.141 | 1.000 | 139.5 | 19.7 | | 19.7 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H75 | 51 | 0.135 | 1.000 | 139.5 | 18.8 | | 18.8 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H76 | 52 | 0.130 | 1.000 | 139.5 | 18.1 | | 18.1 | | | 2.0 | 0.3 | 2.0 | 0.30 |
| | H77 | 53 | 0.125 | 1.000 | 139.5 | 17.4 | | 17.4 | | | 4.0 | 0.5 | 4.0 | 0.50 |
| | H78 | 54 | 0.120 | 1.000 | 139.5 | 16.7 | | 16.7 | | | 2.0 | 0.2 | 2.0 | 0.20 |
| | | | | | | | | | | | | | | |
| 合　計 | | | | | 7,184 | 2,745 | 0.0 | 2,745 | 1,116 | 1,013 | 125 | 48 | 1,241 | 1,061 |

| | | |
|---|---|---|
| 総便益(億円) | B | 27 |
| 総費用(億円) | C | 10.6 |
| 費用便益費 | B/C | 2.5 |
| 純現在価値 | B-C | 16 |

# 事業費の内訳書

河川事業

| 事業名 | 天竜川自然再生　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 再評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 1122.2 | |
| | 本工事費 | | 式 | 1 | 1122.2 | |
| | | 河道掘削 | $m^3$ | 181,200 | 673.3 | |
| | | 樹木伐採 | $m^2$ | 224,300 | 392.7 | |
| | | その他工事 | 式 | 1 | 56.2 | |
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| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 370.3 | |
| 工事諸費 | | | 式 | 1 | 412.5 | |
| 自治体費用 | | | 式 | 1 | 0 | |
| 事業費　計 | | | 式 | 1 | 1905 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 64 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

河川事業

| 事業名 | 天竜川自然再生　　（残事業費） |
|---|---|

| 評価年度 | H24 | 再評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 595.6 | |
| | 本工事費 | | 式 | 1 | 595.6 | |
| | | 河道掘削 | $m^3$ | 309,400 | 357.3 | |
| | | 樹木伐採 | $m^2$ | 383,000 | 208.4 | |
| | | その他工事一式 | 式 | 1 | 29.9 | |
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| | | | | | | |
| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 241.2 | |
| 工事諸費 | | | 式 | 1 | 279.2 | |
| 自治体費用 | | | 式 | 1 | 0 | |
| 事業費　計 | | | 式 | 1 | 1,116 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 47 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 河原植物および礫河原環境を再生するものであり、非利用価値を主とする。ただし、副次的な効果として環境学習や自然観察の場としての利用が期待されることから、これらの利用に対する評価として適用することは可能である。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

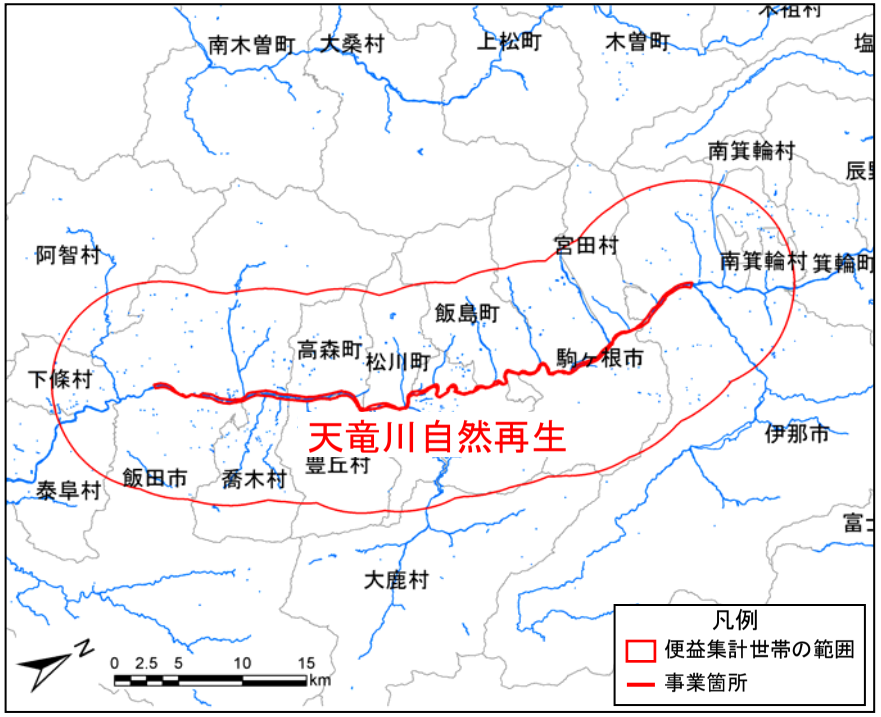
# 2.CVM調査チェックリスト

| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、非利用価値（副次的に非利用価値）であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から8kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る663票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

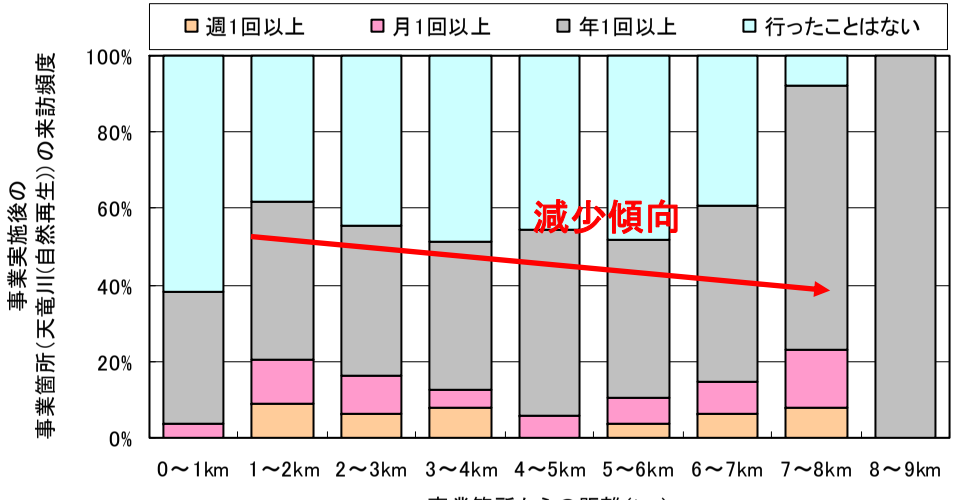
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点である8kmを集計範囲の設定




便益集計世帯の範囲

■『地域の住民』の便益集計世帯は95,876世帯




整備後の来訪頻度の距離別構成

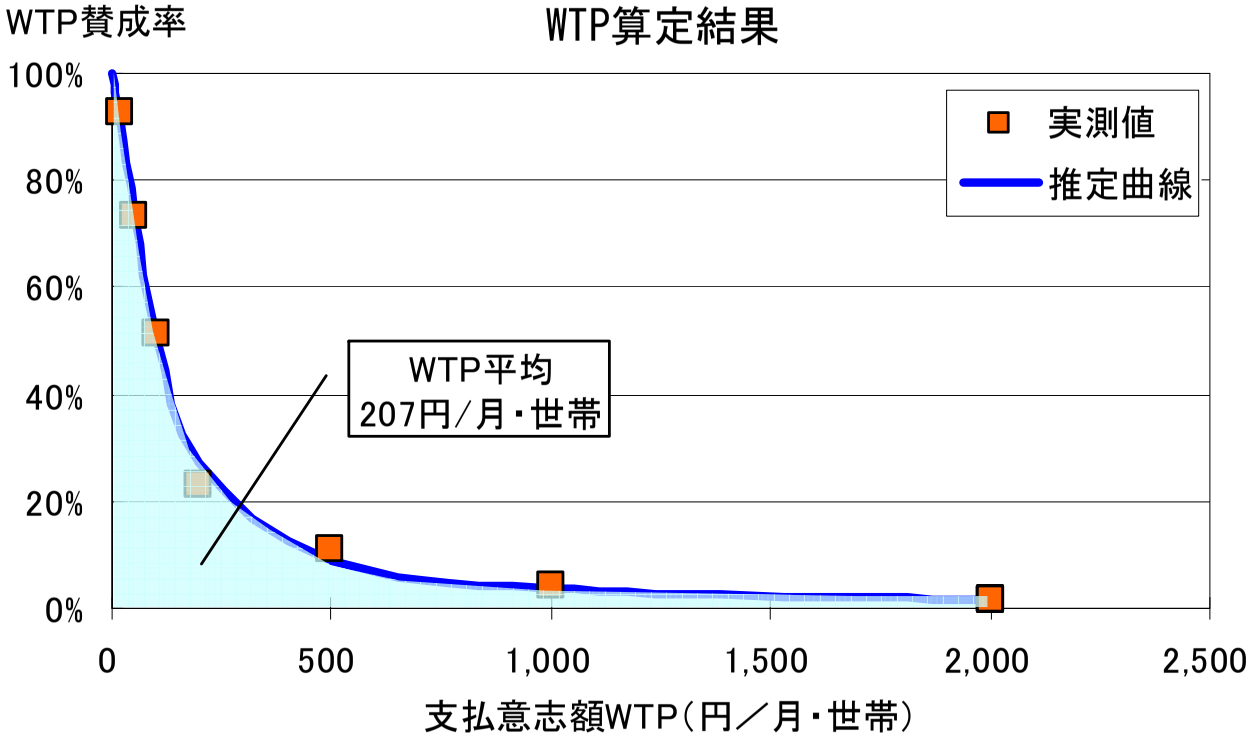
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

207円／月／世帯

『地域の住民』の年便益

年便益＝207円×１２ヶ月×95,876世帯
＝2.38億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H12) |
| 社会的割引率 | 4% |

単位:百万円

| | 年度 | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | -4 | 2008 | H20 | 0.965 | 1.170 | | | | | | | 133 | 128.3 | 150.1 | | | | 133 | 128 | 150 |
| | -3 | 2009 | H21 | 1.001 | 1.125 | 16.6 | 16.6 | 18.7 | | | 18.7 | 346 | 346.3 | 389.6 | | | | 346 | 346 | 390 |
| | -2 | 2010 | H22 | 1.000 | 1.082 | 59.9 | 59.9 | 64.8 | | | 64.8 | | | | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 |
| | -1 | 2011 | H23 | 1.000 | 1.040 | 59.9 | 59.9 | 62.3 | | | 62.3 | 158 | 158.0 | 164.3 | 0.30 | 0.30 | 0.30 | 158 | 158 | 165 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 79.6 | 79.6 | 79.6 | | | 79.6 | 152 | 152.0 | 152.0 | 0.30 | 0.30 | 0.30 | 152 | 152 | 152 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 98.6 | 98.6 | 94.8 | | | 94.8 | 223 | 223.0 | 214.4 | 0.72 | 0.70 | 0.70 | 224 | 224 | 215 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 126.5 | 126.5 | 117.0 | | | 117.0 | 223 | 223.0 | 206.2 | 1.0 | 1.0 | 0.90 | 224 | 224 | 207 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 154.4 | 154.4 | 137.3 | | | 137.3 | 223 | 223.0 | 198.2 | 3.2 | 3.2 | 2.9 | 226 | 226 | 201 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 182.3 | 182.3 | 155.8 | | | 155.8 | 223 | 223.0 | 190.6 | 1.8 | 1.8 | 1.6 | 225 | 225 | 192 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 210.2 | 210.2 | 172.7 | | | 172.7 | 224 | 224.0 | 184.1 | 2.6 | 2.6 | 2.1 | 227 | 227 | 186 |
| 施設完成後の期間 | 6 | 2018 | H30 | 1.000 | 0.790 | 238.2 | 238.2 | 188.2 | | | 188.2 | | | | 2.7 | 2.7 | 2.1 | 2.7 | 2.7 | 2.1 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 238.2 | 238.2 | 181.0 | | | 181.0 | | | | 2.7 | 2.7 | 2.1 | 2.7 | 2.7 | 2.1 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 238.2 | 238.2 | 174.0 | | | 174.0 | | | | 4.7 | 4.7 | 3.4 | 4.7 | 4.7 | 3.4 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 238.2 | 238.2 | 167.3 | | | 167.3 | | | | 2.7 | 2.7 | 1.9 | 2.7 | 2.7 | 1.9 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 238.2 | 238.2 | 160.9 | | | 160.9 | | | | 2.7 | 2.7 | 1.8 | 2.7 | 2.7 | 1.8 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 238.2 | 238.2 | 154.7 | | | 154.7 | | | | 2.7 | 2.7 | 1.8 | 2.7 | 2.7 | 1.8 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 238.2 | 238.2 | 148.8 | | | 148.8 | | | | 2.7 | 2.7 | 1.7 | 2.7 | 2.7 | 1.7 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 238.2 | 238.2 | 143.0 | | | 143.0 | | | | 4.7 | 4.7 | 2.8 | 4.7 | 4.7 | 2.8 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 238.2 | 238.2 | 137.5 | | | 137.5 | | | | 2.7 | 2.7 | 1.6 | 2.7 | 2.7 | 1.6 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 238.2 | 238.2 | 132.2 | | | 132.2 | | | | 2.7 | 2.7 | 1.5 | 2.7 | 2.7 | 1.5 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 238.2 | 238.2 | 127.2 | | | 127.2 | | | | 2.7 | 2.7 | 1.5 | 2.7 | 2.7 | 1.5 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 238.2 | 238.2 | 122.3 | | | 122.3 | | | | 2.7 | 2.7 | 1.4 | 2.7 | 2.7 | 1.4 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 238.2 | 238.2 | 117.6 | | | 117.6 | | | | 4.7 | 4.7 | 2.3 | 4.7 | 4.7 | 2.3 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 238.2 | 238.2 | 113.0 | | | 113.0 | | | | 2.7 | 2.7 | 1.3 | 2.7 | 2.7 | 1.3 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 238.2 | 238.2 | 108.7 | | | 108.7 | | | | 2.7 | 2.7 | 1.2 | 2.7 | 2.7 | 1.2 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 238.2 | 238.2 | 104.5 | | | 104.5 | | | | 2.7 | 2.7 | 1.2 | 2.7 | 2.7 | 1.2 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 238.2 | 238.2 | 100.5 | | | 100.5 | | | | 2.7 | 2.7 | 1.1 | 2.7 | 2.7 | 1.1 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 238.2 | 238.2 | 96.6 | | | 96.6 | | | | 4.7 | 4.7 | 1.9 | 4.7 | 4.7 | 1.9 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 238.2 | 238.2 | 92.9 | | | 92.9 | | | | 2.7 | 2.7 | 1.1 | 2.7 | 2.7 | 1.1 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 238.2 | 238.2 | 89.3 | | | 89.3 | | | | 2.7 | 2.7 | 1.0 | 2.7 | 2.7 | 1.0 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 238.2 | 238.2 | 85.9 | | | 85.9 | | | | 2.7 | 2.7 | 1.0 | 2.7 | 2.7 | 1.0 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 238.2 | 238.2 | 82.6 | | | 82.6 | | | | 2.7 | 2.7 | 0.94 | 2.7 | 2.7 | 0.94 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 238.2 | 238.2 | 79.4 | | | 79.4 | | | | 4.7 | 4.7 | 1.6 | 4.7 | 4.7 | 1.6 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 238.2 | 238.2 | 76.4 | | | 76.4 | | | | 2.7 | 2.7 | 0.87 | 2.7 | 2.7 | 0.9 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 238.2 | 238.2 | 73.4 | | | 73.4 | | | | 2.7 | 2.7 | 0.84 | 2.7 | 2.7 | 0.84 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 238.2 | 238.2 | 70.6 | | | 70.6 | | | | 2.7 | 2.7 | 0.81 | 2.7 | 2.7 | 0.81 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 238.2 | 238.2 | 67.9 | | | 67.9 | | | | 2.7 | 2.7 | 0.78 | 2.7 | 2.7 | 0.78 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 238.2 | 238.2 | 65.3 | | | 65.3 | | | | 4.7 | 4.7 | 1.3 | 4.7 | 4.7 | 1.3 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 238.2 | 238.2 | 62.8 | | | 62.8 | | | | 2.7 | 2.7 | 0.72 | 2.7 | 2.7 | 0.72 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 238.2 | 238.2 | 60.4 | | | 60.4 | | | | 2.7 | 2.7 | 0.69 | 2.7 | 2.7 | 0.69 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 238.2 | 238.2 | 58.0 | | | 58.0 | | | | 2.7 | 2.7 | 0.66 | 2.7 | 2.7 | 0.66 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 238.2 | 238.2 | 55.8 | | | 55.8 | | | | 2.7 | 2.7 | 0.64 | 2.7 | 2.7 | 0.64 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 238.2 | 238.2 | 53.7 | | | 53.7 | | | | 4.7 | 4.7 | 1.1 | 4.7 | 4.7 | 1.1 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 238.2 | 238.2 | 51.6 | | | 51.6 | | | | 2.7 | 2.7 | 0.59 | 2.7 | 2.7 | 0.59 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 238.2 | 238.2 | 49.6 | | | 49.6 | | | | 2.7 | 2.7 | 0.57 | 2.7 | 2.7 | 0.57 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 238.2 | 238.2 | 47.7 | | | 47.7 | | | | 2.7 | 2.7 | 0.54 | 2.7 | 2.7 | 0.54 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 238.2 | 238.2 | 45.9 | | | 45.9 | | | | 2.7 | 2.7 | 0.52 | 2.7 | 2.7 | 0.52 |
| | 43 | 2055 | H67 | 1.000 | 0.185 | 238.2 | 238.2 | 44.1 | | | 44.1 | | | | 4.7 | 4.7 | 0.87 | 4.7 | 4.7 | 0.87 |
| | 44 | 2056 | H68 | 1.000 | 0.178 | 238.2 | 238.2 | 42.4 | | | 42.4 | | | | 2.7 | 2.7 | 0.48 | 2.7 | 2.7 | 0.48 |
| | 45 | 2057 | H69 | 1.000 | 0.171 | 238.2 | 238.2 | 40.8 | | | 40.8 | | | | 2.7 | 2.7 | 0.47 | 2.7 | 2.7 | 0.47 |
| | 46 | 2058 | H70 | 1.000 | 0.165 | 238.2 | 238.2 | 39.2 | | | 39.2 | | | | 2.7 | 2.7 | 0.45 | 2.7 | 2.7 | 0.45 |
| | 47 | 2059 | H71 | 1.000 | 0.158 | 238.2 | 238.2 | 37.7 | | | 37.7 | | | | 2.7 | 2.7 | 0.43 | 2.7 | 2.7 | 0.43 |
| | 48 | 2060 | H72 | 1.000 | 0.152 | 238.2 | 238.2 | 36.2 | | | 36.2 | | | | 4.7 | 4.7 | 0.72 | 4.7 | 4.7 | 0.72 |
| | 49 | 2061 | H73 | 1.000 | 0.146 | 238.2 | 238.2 | 34.9 | | | 34.9 | | | | 2.7 | 2.7 | 0.40 | 2.7 | 2.7 | 0.40 |
| | 50 | 2062 | H74 | 1.000 | 0.141 | 238.2 | 238.2 | 33.5 | | | 33.5 | | | | 2.7 | 2.7 | 0.38 | 2.7 | 2.7 | 0.38 |
| | 51 | 2063 | H75 | 1.000 | 0.135 | 238.2 | 238.2 | 32.2 | | | 32.2 | | | | 2.7 | 2.7 | 0.37 | 2.7 | 2.7 | 0.37 |
| | 52 | 2064 | H76 | 1.000 | 0.130 | 238.2 | 238.2 | 31.0 | | | 31.0 | | | | 2.7 | 2.7 | 0.35 | 2.7 | 2.7 | 0.35 |
| | 53 | 2065 | H77 | 1.000 | 0.125 | 238.2 | 238.2 | 29.8 | | | 29.8 | | | | 4.7 | 4.7 | 0.59 | 4.7 | 4.7 | 0.59 |
| | 54 | 2066 | H78 | 1.000 | 0.120 | 238.2 | 238.2 | 28.6 | | | 28.6 | | | | 2.7 | 2.7 | 0.33 | 2.7 | 2.7 | 0.33 |
| | 55 | 2067 | H79 | 1.000 | 0.116 | 238.2 | 238.2 | 27.5 | | | 27.5 | | | | 2.7 | 2.7 | 0.31 | 2.7 | 2.7 | 0.31 |
| 合計 | | | | | | 12,895.8 | 12,895.8 | 5,108.1 | | | 5,108.1 | 1,905 | 1,901 | 1,850 | 166 | 165.2 | 64.1 | 2,071 | 2,066 | 1,914 |

| | | |
|---|---|---|
| 総便益 | B | 5,108 |
| 総費用 | C | 1,914 |
| 費用便益比 | B/C | 2.7 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

アンケートにご協力いただく皆様方へ

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、平成17年度より、天竜川および三峰川(みぶがわ)において、『礫河原に固有な生物の生息・生育に適した、かつての河川環境を再生するための取り組み』を進めております。

本アンケート調査は、

天竜川および三峰川で行われる取り組みの効果を金額に置き換えて評価することを目的として実施するものであり、本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265−81−6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03−3988−2632（土曜・休祝日を除く）
FAX：03−3988−3662

## ～アンケート用紙～

天竜・三峰ー＿＿＿ー＿＿＿

まず、あなたの天竜川と三峰川との関わりについてお尋ねします。

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1) よく知っており、よく行く（概ね月１回以上）。
2) よく知っており、たびたび行く（概ね年数回程度）。
3) 知っており、たまに行く（概ね年１回程度）。
4) 知っているが、ほとんど行かない。
5) 初めて知った。

続いて、天竜川における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

【問3】あなたは、天竜川で説明資料に示したような取り組みによる工事が開始される前（４年位前：平成１９年頃）に、天竜川の取り組み箇所にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## （2）調査アンケート票　2/4

| | 取り組み前<br>（4年くらい前：平成19年以前） | 取り組み後（将来） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問4以降へ】<br>4）行ったことはない<br>→【問4以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問4以降へ】<br>4）行きたいと思わない<br>→【問4以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的<br>（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）川に関するイベント<br>5）通勤などの日常生活<br>6）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）川に関するイベント<br>5）通勤などの日常生活<br>6）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他に立ち寄らない<br>2）他にも立ち寄りたい<br>［　　］箇所くらい<br>主な場所（　　） |

【問4】あなたは、天竜川で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を1つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

## (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

天竜川で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。(注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。)

| 取り組みなし（過去の状況） | 取り組みあり（将来の状況） |
|---|---|
| ・堤防や河川敷には樹木が生い茂り、礫河原特有の動植物のすみ場は復元されません。また、川へ近づきにくく、見晴らしもよくありません。<br>・あなたの世帯の負担金はありません。 | ・礫河原特有の動植物のすみ場が復元されます。また川に近づきやすくなり、見晴らしのよい風景が広がります。<br>・あなたの世帯から負担金が必要です。(なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。) |

【問5】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を1つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月20円（年間あたり240円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(2)世帯あたり毎月50円（年間あたり600円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(3)世帯あたり毎月100円（年間あたり1,200円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(4)世帯あたり毎月200円（年間あたり2,400円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(5)世帯あたり毎月500円（年間あたり6,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(6)世帯あたり毎月1,000円（年間あたり12,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(7)世帯あたり毎月2,000円（年間あたり24,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ　→【問7】へ

【問6】問5の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を1つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）[　　]

# （2）調査アンケート票　4/4

【問7】問5で1度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を1つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）散策の場として利用できるようになるから
3）生物観察などの環境学習の場となるから
4）人が交流できる場となり、地域の活性化に役立つから
5）河川の環境が良くなること自体がいいことだから
6）他の人や将来の世代にとっていいことだから
7）他の世帯も支払うのであれば仕方がないと思うから
8）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問13】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を1つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を1つ、○で囲んで下さい。

1）20代　　2）30代　　3）40代　　4）50代
5）60代　　6）70代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿

【問14】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問5、10はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞

# （中ノ町水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 中ノ町水辺整備事業　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 事後評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | 1 | 439.0 | |
| | 本工事費 | | 式 | 1 | 439.0 | |
| | | 掘削 | 式 | 1 | 5.3 | |
| | | 路盤工 | km | 7.5 | 232.2 | |
| | | 舗装工 | km | 7.5 | 139.6 | |
| | | 橋 | 箇所 | 1 | 61.9 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | 1 | 56.9 | |
| 工事諸費 | | | 式 | 1 | 33.1 | |
| 事業費　計 | | | 式 | 1 | 529.0 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 9.10 | 巡視、草刈(年間) |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVMを用いる。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | ・周辺環境は、公園であるなど、水辺整備と公園整備が周辺の地価に及ぼす影響を切り分けることが困難であることから適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | ・事例は多くあるが、周辺環境（自然環境、社会環境）や事業内容、事業規模等により便益は異なることが想定される。既存事例の適用は事業特性や周辺環境が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | ・中ノ町周辺での活動を安全で快適にするための事業であり、同等の機能を代替する方法がないため適用しない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | ・中ノ町周辺を利用しやすくするための事業もあり、利用価値が認められる。また、子供たちの環境体験など、非利用価値も認められる。<br>・CVMでは利用価値および非利用価値の評価も可能であり、適用事例も多いことから適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | ・比較できる複数の仮想状態（プロファイル）を作成することが困難であることから、適用しない | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | ・本事業の整備効果として費用対効果は不可欠な効果であり、便益として計測することが重要 | × |

# 2.CVM調査チェックリスト

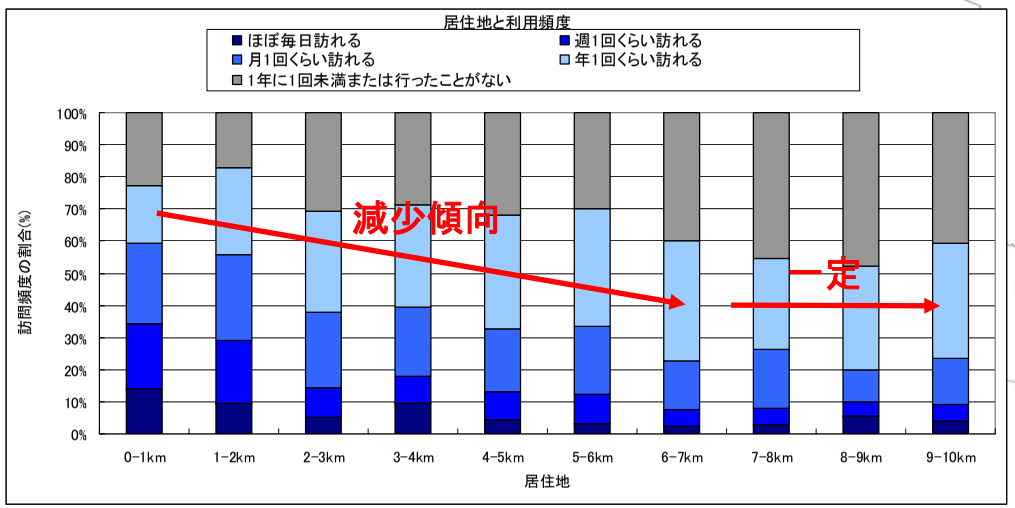
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る478票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケートを実施。

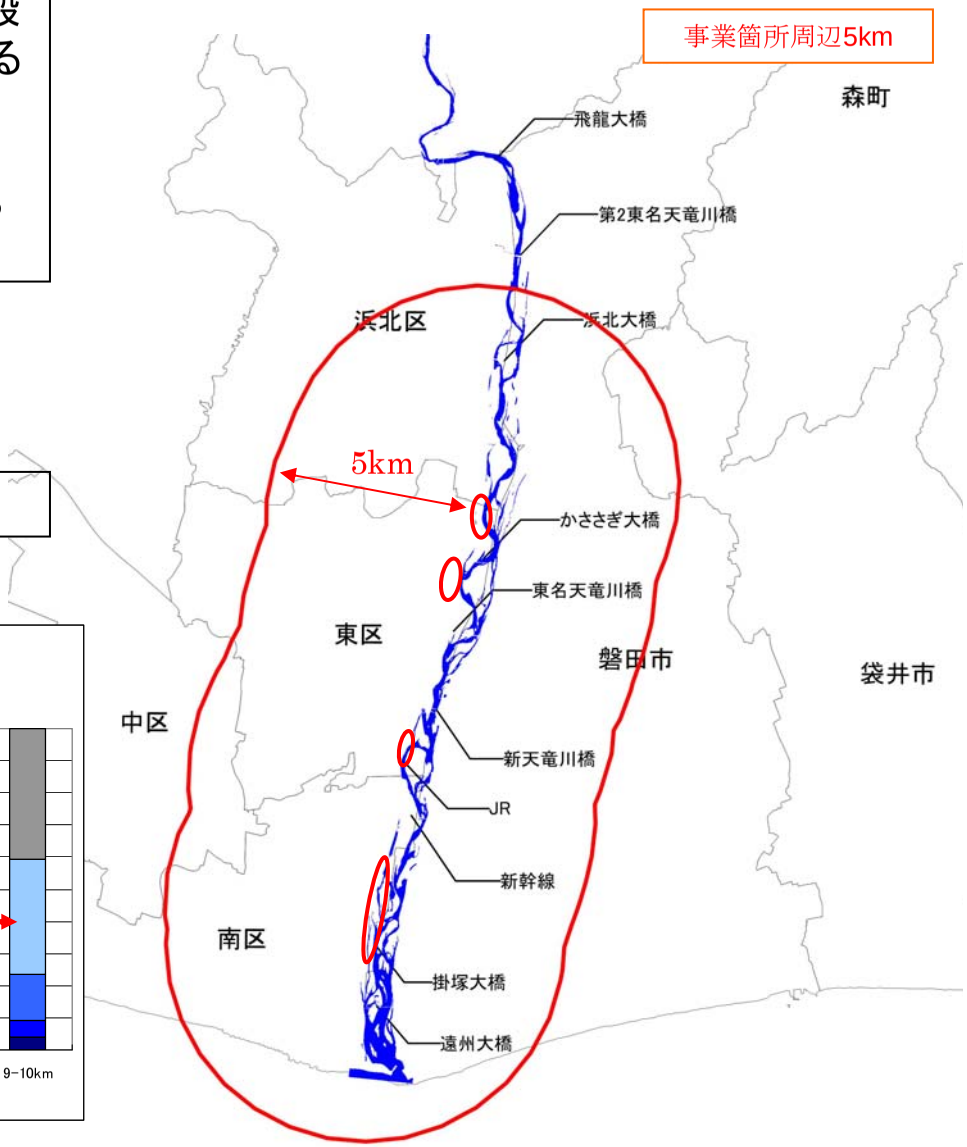
■当該地区への来訪頻度の変化点は6km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は140,022世帯




来訪頻度の距離別構成

○世帯数の集計範囲



# 4.支払意思額:WTP

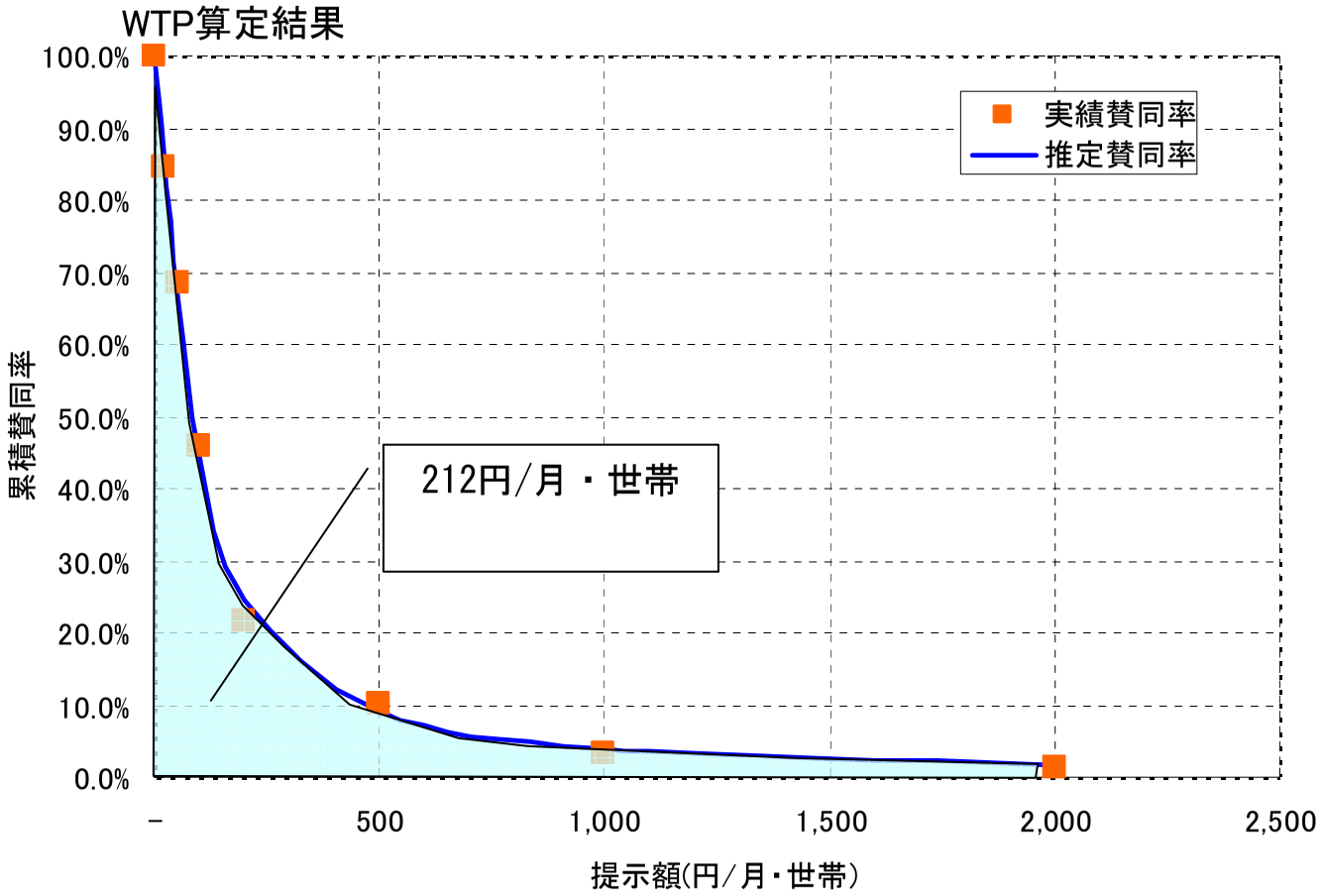
『地域の住民』のＷＴＰ

212円／月／世帯

『地域の住民』の年便益

年便益＝212円×12ヶ月×140,022世帯
≒356百万円／年

▽算定結果



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 1999(H11) |
| 社会的割引率 | 4% |

（単位：百万円）

【事業全体】

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -20 | 1992 | 0.962 | 2.191 | 0.0 | 0.0 | 0.0 | | | 0.0 | 57.0 | 54.9 | 120.3 | 0.0 | 0.0 | 0.0 | 57.0 | 54.9 | 120.3 |
| | -19 | 1993 | 0.963 | 2.107 | 38.4 | 38.4 | 80.9 | | | 80.9 | 193.0 | 185.9 | 391.7 | 1.0 | 1.0 | 2.1 | 194.0 | 186.9 | 393.8 |
| | -18 | 1994 | 0.962 | 2.026 | 168.3 | 168.3 | 341.0 | | | 341.0 | 30.0 | 28.9 | 58.6 | 4.3 | 4.1 | 8.3 | 34.3 | 33.0 | 66.9 |
| | -17 | 1995 | 0.964 | 1.948 | 188.5 | 188.5 | 367.2 | | | 367.2 | 61.0 | 58.8 | 114.5 | 4.8 | 4.6 | 9.0 | 65.8 | 63.4 | 123.5 |
| | -16 | 1996 | 0.967 | 1.873 | 229.6 | 229.6 | 430.0 | | | 430.0 | 48.0 | 46.4 | 86.9 | 5.9 | 5.7 | 10.7 | 53.9 | 52.1 | 97.6 |
| | -15 | 1997 | 0.961 | 1.801 | 261.9 | 261.9 | 471.7 | | | 471.7 | 50.0 | 48.1 | 86.6 | 6.7 | 6.4 | 11.5 | 56.7 | 54.5 | 98.1 |
| | -14 | 1998 | 0.980 | 1.732 | 295.6 | 295.6 | 512.0 | | | 512.0 | 90.0 | 88.2 | 152.8 | 7.6 | 7.4 | 12.8 | 97.6 | 95.6 | 165.6 |
| 施設完成後の評価期間（50年） | -13 | 1999 | 0.990 | 1.665 | 356.2 | 356.2 | 593.1 | | | 593.1 | | | | 9.1 | 9.0 | 15.0 | 9.1 | 9.0 | 15.0 |
| | -12 | 2000 | 0.989 | 1.601 | 356.2 | 356.2 | 570.3 | | | 570.3 | | | | 9.1 | 9.0 | 14.4 | 9.1 | 9.0 | 14.4 |
| | -11 | 2001 | 1.013 | 1.539 | 356.2 | 356.2 | 548.2 | | | 548.2 | | | | 9.1 | 9.2 | 14.2 | 9.1 | 9.2 | 14.2 |
| | -10 | 2002 | 1.029 | 1.480 | 356.2 | 356.2 | 527.2 | | | 527.2 | | | | 9.1 | 9.4 | 13.9 | 9.1 | 9.4 | 13.9 |
| | -9 | 2003 | 1.029 | 1.423 | 356.2 | 356.2 | 506.9 | | | 506.9 | | | | 9.1 | 9.4 | 13.4 | 9.1 | 9.4 | 13.4 |
| | -8 | 2004 | 1.028 | 1.369 | 356.2 | 356.2 | 487.6 | | | 487.6 | | | | 9.1 | 9.4 | 12.9 | 9.1 | 9.4 | 12.9 |
| | -7 | 2005 | 1.021 | 1.316 | 356.2 | 356.2 | 468.8 | | | 468.8 | | | | 9.1 | 9.3 | 12.2 | 9.1 | 9.3 | 12.2 |
| | -6 | 2006 | 1.011 | 1.265 | 356.2 | 356.2 | 450.6 | | | 450.6 | | | | 9.1 | 9.2 | 11.6 | 9.1 | 9.2 | 11.6 |
| | -5 | 2007 | 0.995 | 1.217 | 356.2 | 356.2 | 433.5 | | | 433.5 | | | | 9.1 | 9.1 | 11.1 | 9.1 | 9.1 | 11.1 |
| | -4 | 2008 | 0.968 | 1.170 | 356.2 | 356.2 | 416.8 | | | 416.8 | | | | 9.1 | 8.8 | 10.3 | 9.1 | 8.8 | 10.3 |
| | -3 | 2009 | 1.001 | 1.125 | 356.2 | 356.2 | 400.7 | | | 400.7 | | | | 9.1 | 9.1 | 10.2 | 9.1 | 9.1 | 10.2 |
| | -2 | 2010 | 1.000 | 1.082 | 356.2 | 356.2 | 385.4 | | | 385.4 | | | | 9.1 | 9.1 | 9.8 | 9.1 | 9.1 | 9.8 |
| | -1 | 2011 | 1.000 | 1.040 | 356.2 | 356.2 | 370.4 | | | 370.4 | | | | 9.1 | 9.1 | 9.5 | 9.1 | 9.1 | 9.5 |
| | 0 | 2012 | 1.000 | 1.000 | 356.2 | 356.2 | 356.2 | | | 356.2 | | | | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| | 1 | 2013 | 1.000 | 0.962 | 356.2 | 356.2 | 342.7 | | | 342.7 | | | | 9.1 | 9.1 | 8.8 | 9.1 | 9.1 | 8.8 |
| | 2 | 2014 | 1.000 | 0.925 | 356.2 | 356.2 | 329.5 | | | 329.5 | | | | 9.1 | 9.1 | 8.4 | 9.1 | 9.1 | 8.4 |
| | 3 | 2015 | 1.000 | 0.889 | 356.2 | 356.2 | 316.7 | | | 316.7 | | | | 9.1 | 9.1 | 8.1 | 9.1 | 9.1 | 8.1 |
| | 4 | 2016 | 1.000 | 0.855 | 356.2 | 356.2 | 304.6 | | | 304.6 | | | | 9.1 | 9.1 | 7.8 | 9.1 | 9.1 | 7.8 |
| | 5 | 2017 | 1.000 | 0.822 | 356.2 | 356.2 | 292.8 | | | 292.8 | | | | 9.1 | 9.1 | 7.5 | 9.1 | 9.1 | 7.5 |
| | 6 | 2018 | 1.000 | 0.790 | 356.2 | 356.2 | 281.4 | | | 281.4 | | | | 9.1 | 9.1 | 7.2 | 9.1 | 9.1 | 7.2 |
| | 7 | 2019 | 1.000 | 0.760 | 356.2 | 356.2 | 270.7 | | | 270.7 | | | | 9.1 | 9.1 | 6.9 | 9.1 | 9.1 | 6.9 |
| | 8 | 2020 | 1.000 | 0.731 | 356.2 | 356.2 | 260.4 | | | 260.4 | | | | 9.1 | 9.1 | 6.7 | 9.1 | 9.1 | 6.7 |
| | 9 | 2021 | 1.000 | 0.703 | 356.2 | 356.2 | 250.4 | | | 250.4 | | | | 9.1 | 9.1 | 6.4 | 9.1 | 9.1 | 6.4 |
| | 10 | 2022 | 1.000 | 0.676 | 356.2 | 356.2 | 240.8 | | | 240.8 | | | | 9.1 | 9.1 | 6.2 | 9.1 | 9.1 | 6.2 |
| | 11 | 2023 | 1.000 | 0.650 | 356.2 | 356.2 | 231.5 | | | 231.5 | | | | 9.1 | 9.1 | 5.9 | 9.1 | 9.1 | 5.9 |
| | 12 | 2024 | 1.000 | 0.625 | 356.2 | 356.2 | 222.6 | | | 222.6 | | | | 9.1 | 9.1 | 5.7 | 9.1 | 9.1 | 5.7 |
| | 13 | 2025 | 1.000 | 0.601 | 356.2 | 356.2 | 214.1 | | | 214.1 | | | | 9.1 | 9.1 | 5.5 | 9.1 | 9.1 | 5.5 |
| | 14 | 2026 | 1.000 | 0.577 | 356.2 | 356.2 | 205.5 | | | 205.5 | | | | 9.1 | 9.1 | 5.3 | 9.1 | 9.1 | 5.3 |
| | 15 | 2027 | 1.000 | 0.555 | 356.2 | 356.2 | 197.7 | | | 197.7 | | | | 9.1 | 9.1 | 5.1 | 9.1 | 9.1 | 5.1 |
| | 16 | 2028 | 1.000 | 0.534 | 356.2 | 356.2 | 190.2 | | | 190.2 | | | | 9.1 | 9.1 | 4.9 | 9.1 | 9.1 | 4.9 |
| | 17 | 2029 | 1.000 | 0.513 | 356.2 | 356.2 | 182.7 | | | 182.7 | | | | 9.1 | 9.1 | 4.7 | 9.1 | 9.1 | 4.7 |
| | 18 | 2030 | 1.000 | 0.494 | 356.2 | 356.2 | 176.0 | | | 176.0 | | | | 9.1 | 9.1 | 4.5 | 9.1 | 9.1 | 4.5 |
| | 19 | 2031 | 1.000 | 0.475 | 356.2 | 356.2 | 169.2 | | | 169.2 | | | | 9.1 | 9.1 | 4.3 | 9.1 | 9.1 | 4.3 |
| | 20 | 2032 | 1.000 | 0.456 | 356.2 | 356.2 | 162.4 | | | 162.4 | | | | 9.1 | 9.1 | 4.1 | 9.1 | 9.1 | 4.1 |
| | 21 | 2033 | 1.000 | 0.439 | 356.2 | 356.2 | 156.4 | | | 156.4 | | | | 9.1 | 9.1 | 4.0 | 9.1 | 9.1 | 4.0 |
| | 22 | 2034 | 1.000 | 0.422 | 356.2 | 356.2 | 150.3 | | | 150.3 | | | | 9.1 | 9.1 | 3.8 | 9.1 | 9.1 | 3.8 |
| | 23 | 2035 | 1.000 | 0.406 | 356.2 | 356.2 | 144.6 | | | 144.6 | | | | 9.1 | 9.1 | 3.7 | 9.1 | 9.1 | 3.7 |
| | 24 | 2036 | 1.000 | 0.390 | 356.2 | 356.2 | 138.9 | | | 138.9 | | | | 9.1 | 9.1 | 3.5 | 9.1 | 9.1 | 3.5 |
| | 25 | 2037 | 1.000 | 0.375 | 356.2 | 356.2 | 133.6 | | | 133.6 | | | | 9.1 | 9.1 | 3.4 | 9.1 | 9.1 | 3.4 |
| | 26 | 2038 | 1.000 | 0.361 | 356.2 | 356.2 | 128.6 | | | 128.6 | | | | 9.1 | 9.1 | 3.3 | 9.1 | 9.1 | 3.3 |
| | 27 | 2039 | 1.000 | 0.347 | 356.2 | 356.2 | 123.6 | | | 123.6 | | | | 9.1 | 9.1 | 3.2 | 9.1 | 9.1 | 3.2 |
| | 28 | 2040 | 1.000 | 0.333 | 356.2 | 356.2 | 118.6 | | | 118.6 | | | | 9.1 | 9.1 | 3.0 | 9.1 | 9.1 | 3.0 |
| | 29 | 2041 | 1.000 | 0.321 | 356.2 | 356.2 | 114.3 | | | 114.3 | | | | 9.1 | 9.1 | 2.9 | 9.1 | 9.1 | 2.9 |
| | 30 | 2042 | 1.000 | 0.308 | 356.2 | 356.2 | 109.7 | | | 109.7 | | | | 9.1 | 9.1 | 2.8 | 9.1 | 9.1 | 2.8 |
| | 31 | 2043 | 1.000 | 0.296 | 356.2 | 356.2 | 105.4 | | | 105.4 | | | | 9.1 | 9.1 | 2.7 | 9.1 | 9.1 | 2.7 |
| | 32 | 2044 | 1.000 | 0.285 | 356.2 | 356.2 | 101.5 | | | 101.5 | | | | 9.1 | 9.1 | 2.6 | 9.1 | 9.1 | 2.6 |
| | 33 | 2045 | 1.000 | 0.274 | 356.2 | 356.2 | 97.6 | | | 97.6 | | | | 9.1 | 9.1 | 2.5 | 9.1 | 9.1 | 2.5 |
| | 34 | 2046 | 1.000 | 0.264 | 356.2 | 356.2 | 94.0 | | | 94.0 | | | | 9.1 | 9.1 | 2.4 | 9.1 | 9.1 | 2.4 |
| | 35 | 2047 | 1.000 | 0.253 | 356.2 | 356.2 | 90.1 | | | 90.1 | | | | 9.1 | 9.1 | 2.3 | 9.1 | 9.1 | 2.3 |
| | 36 | 2048 | 1.000 | 0.244 | 356.2 | 356.2 | 86.9 | | | 86.9 | | | | 9.1 | 9.1 | 2.2 | 9.1 | 9.1 | 2.2 |
| 合計 | | | | | 18992.4 | 18992.3 | 15454.5 | 43.9 | 10.7 | 15465.2 | 529.0 | 511.2 | 1011.4 | 485.3 | 485.0 | 394.3 | 1014.3 | 996.2 | 1405.7 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 155 |
| 総費用（億円） | C | 14 |
| **費用便益比** | **B／C** | **11.1** |
| 純現在価値（億円） | B－C | 141 |
| 経済的内部収益率 | | 65.6% |

# (2)調査アンケート票　1/7

## 天竜川の河川利用を推進するための取組みに関するアンケート調査のお願い

平成24年2月
国土交通省中部地方整備局
浜松河川国道事務所

謹啓

立春の候、皆さま方におかれましてはますますご健勝のことと存じます。

平素より、河川行政にご理解・ご協力を賜りまして、誠にありがとうございます。

このたび、国土交通省中部地方整備局 浜松河川国道事務所では、天竜川の河川利用を推進するための取組みに関するアンケート調査を実施することとなりました。

このアンケートは、**皆さまからご意見などをいただき、河川利用を推進するための護岸・河川敷の整備など（以下、「水辺整備の取組み」という。）今後の川づくりに役立てていくこと**を目的として、**天竜川下流域を中心とした約10km以内の地域**にお住まいの方を対象に実施させていただいております。

お忙しいところ誠に恐れ入りますが、本アンケート調査の目的をご理解いただき、ご協力くださいますようよろしくお願い申し上げます。

謹白

### ご記入にあたって

- この調査票は、あなたの**世帯の中で主な収入を得ておられる方**、またはそれに準じる方（主にその配偶者）がお答えください。
- **別添した「説明資料」をご覧いただいた上で、ご回答をお願いします。**
- この調査票にご記入いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません**。また、本調査の目的以外に使用することも決してありません。
- このアンケートには、**取組みの価値を金銭に置き換えて評価するという、皆さんにあまりなじみがない質問の内容、形式、仮定が含まれています**ことをご了承ください。（**この調査の回答をもとに税金の値上げや、あなたの世帯から実際に負担金を徴収することはございません。**）

### アンケート調査についてのお問い合わせ

- 本アンケート調査についてご不明な点がございましたら、下記までお問い合わせください。

株式会社　建設技術研究所 中部支社　河川部　　担当：川村、氷見
電話：052−218−3795
FAX：052−218−3823
（電話は土・日・祝日を除く　9：00～17：00）

国土交通省 中部地方整備局 浜松河川国道事務所 調査第一課　　担当：佐々木、長野
電話：053−466−0116
FAX：053−466−0122
（電話は土・日・祝日を除く　8：30～17：15）



## 天竜川の水辺整備の取組みに関するアンケート用紙

最初に、あなたと天竜川との関わりについてお尋ねします。

【問1】あなたは現在、天竜川にどれくらいの頻度で訪れていますか。あてはまる番号を1つ選び、○をつけてください。

① ほぼ毎日　　訪れる
② 週　に　1回くらい　訪れる
③ 月　に　1回くらい　訪れる
④ 年　に　1回くらい　訪れる
⑤ 1年に　1回未満（または行ったことがない）

【問2】天竜川にはどのような目的で訪れていますか。
あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 水辺の散策
② 釣り
③ 自然観察や環境学習
④ 水遊び
⑤ 運動（サッカー、野球など）
⑥ 通勤・通学・ショッピング等の通り道
⑦ その他（　　）

# (2)調査アンケート票　2/7

ここからは別添の説明資料をよくご覧ください。以下ではこの説明資料をご覧の上ご回答ください。

【問３】あなたは、天竜川の水辺整備の取組みが進められていたことをご存知でしたか。どちらかの番号に○をつけてください。

① 知っていた

② 知らなかった

【問４】天竜川の水辺整備の取組みを行うことで、あなたや家族にとって、何かいいこと（効果）があると思いますか。どちらかの番号に○をつけてください。

① よいことがあると思う → 【問５】へ

② よいことがあるとは思わない → 【問６】へ

【問５】問４で「①よいことがあると思う」に○印をつけた方に伺います。
その理由は何ですか。あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 河川・水辺に親しみやすくなる

② 河川敷に遊びに行くことができるようになる

③ 散歩や軽い運動、グラウンドの利用などができるようになる

④ あなたの親類や友人など、他の人にとってよいことである

⑤ あなたの子孫を含め、将来の世代にとってよいことである

⑥ 河川の環境がよくなることは、よいことである

⑦ その他（　　）

→ 【問６】へ

アンケート－　3

ここからは別添の説明資料に示すような水辺整備の取組みをした場合の効果を評価するため、下記の通り仮定をし、質問を行います。

**仮定①：「各世帯からの負担金」で取組みを行うと仮定します**

実際にはこのような取組みは税金によって実施されていますが、仮に取組みが税金ではなく、各世帯から負担金を集めて行われるような仕組みがあるとして、支払ってもよいと思う金額についてお尋ねいたします。

負担金は今の地域にお住まいの間、定期的に負担していただくことと仮定いたします。なお、支払い額によって取組みの内容が変わることはありません。

**仮定②：負担金は他の取組みには使われないと仮定します**

負担金は、この取組みの実施と維持管理のためにのみ使われ、他には一切使われないと仮定いたします。

**仮定③：これはあくまでも仮定の話です**

これは、取組みの効果を評価するための仮定の話であり、実際に世帯からの負担金を集める仕組みが考えられているものではありません。また、この回答をもって税金の値上げや負担金を集めるようなことは、一切ありません。

アンケート－　4

# (2)調査アンケート票　3/7

**中ノ町水辺整備事業の取組み（以下、「中ノ町地区」という。）について仮の質問です。**

以下では、別添した説明資料をご覧の上ご回答ください。

【問 10】「中ノ町地区の水辺整備の取組み」について、次の（1）～（7）に、”取組みあり”の場合の世帯の負担金の額を具体的に示します。（1）から順に取組みを行うことに反対・賛成のどちらかを選び、番号を○で囲んでください。（1）で反対を選んだ方は、次ページ問 11 で反対理由をお答えください。（2）以降で反対を選んだ方は、次ページ問 12 でそれまでの賛成理由をお答えください。なお、”取組みなし”と”取組みあり”の状況は、下の表のように仮定します。

| | 取組みなしの状況 | 取組みありの状況 |
|---|---|---|
| 天竜川・中ノ町地区の水辺整備の取組み | ・河川敷公園が一体的に利用されていませんでした。<br>・世帯の負担金はありません。 | ・管理用通路の整備による河川敷公園のネットワーク化により、河川管理の効率化が図られました。<br>・また、マラソンやロングウォークなど、学校境域の場としても活用されています。<br>・「太平洋岸自転車道」へもアクセス可能となり、広域的なネットワークが形成され、活用されています。<br>・世帯の負担金が必要です。 |

（1）負担金が世帯あたり毎月 20 円（年間 240 円）の場合

1）反対　　2）賛成

→ 次ページ【問 11】へ

（2）負担金が世帯あたり毎月 50 円（年間 600 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ

（3）負担金が世帯あたり毎月 100 円（年間 1，200 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ

（4）負担金が世帯あたり毎月 200 円（年間 2，400 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ

（5）負担金が世帯あたり毎月 500 円（年間 6，000 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ　　→ 次ページ（6）へ



（6）負担金が世帯あたり毎月 1，000 円（年間 12，000 円）の場合

1）反対　　2）賛成

→ 【問 12】へ

（7）負担金が世帯あたり毎月 2，000 円（年間 24，000 円）の場合

1）反対　　2）賛成

→ 【問 12】へ　　→ 【問 12】へ

【問 11】問 10 の（1）で、「反対」とお答えになった方のみに質問します。反対の主な理由を 1 つだけ選び、番号を○で囲んでください。

1）取組みは必要だと思うが、毎月 20 円（年間 240 円）も支払う価値はないと思うから
2）たとえ支払いがなくても、この取組みを行わない方がよいと思うから
3）これだけの情報では判断できないから
4）世帯から負担金を集めるという仕組みに反対だから
5）その他（　　）

→ 次ページ【問 13】へ

【問 12】問 10 の（1）で、「賛成」とお答えになった方のみに質問します。賛成の主な理由を 1 つだけ選び、番号を○で囲んでください。

1）子供たちが安心して遊べるようになったから
2）水遊びなど、川にふれあうことができるようになったから
3）洪水の心配がなくなったから
4）自分たちにとっては意味がないが、他の人が払うのなら仕方がないから
5）水辺を散歩できるようになったから
6）その他（　　）

→ 次ページ【問 13】へ

以上で仮の質問は終わりです。
次ページへお進みください

# (2)調査アンケート票　4/7

**中ノ町地区の取組み箇所の利用状況に関する質問です。**

以下では、別添した説明資料をご覧の上ご回答ください。

【問 13】最近１年間であなたや家族の中ノ町地区（説明資料に示す取組み場所）での利用状況に関してお答えください。

（１）最近１年間で中ノ町地区の取組み場所に行きましたか。どちらかの番号に○をつけてください。

① 行った　→【問 13】(2) へ

② 行っていない　→【問 14】へ

（2）中ノ町地区の取組み場所に行ったときに他の場所も訪れましたか。
あてはまる番号を１つ選び、番号に○をつけてください。

① 中ノ町地区の取組み場所に行き、他の場所は訪れなかった

② 主に別の場所に行き、ついでに中ノ町地区の取組み場所にも寄った

（3）中ノ町地区の取組み場所は、現在どのくらい利用していますか。また、取組みが行われる前はどのくらい利用していましたか。それぞれに概ねの回数を記入して下さい。

現在は、１年間に（　　）回くらい利用している

取組みが行われる前は、１年間に（　　）回くらい利用していた

（4）あなたを含めて家族で同行した人数を教えてください。
※子どもは中学生以下とします。世帯にお子様がいない場合には子どもの欄は「0（ゼロ）人」をご記入ください。

平均で大人［　　］人、子ども［　　］人

（5.）訪問したときの主な交通手段を１つ選び、番号に○をつけてください。
※交通手段は通常お使いのものでお答えください。
※自転車とバスを使うなど、一度に複数の交通手段を併用する場合には主な交通手段でお答えください。

① 自家用車　② 自転車　③ 徒歩　④ バス

⑤ その他（　　）

（6）前問の交通手段での所要時間（片道）を教えてください。

約［　　］分



（7）前問の交通手段での費用（片道）を教えてください。
※交通手段でバス等の公共交通機関をお答え頂いた方のみご記入ください。
※大人１人あたりの費用（片道）をご記入ください。

約［　　］円

（8）１回の訪問における平均的な滞在時間を教えてください。

約［　　］分

以上で中ノ町地区の取組みに関する質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　5/7

### Q　あなたご自身に関する質問です。

統計分析上の必要性から、アンケートにご協力くださったあなたご自身についてお尋ねしますが、個人データとして公表されることは絶対にございませんので、ご協力をお願いいたします。

【問14】あなたの性別の番号に○をつけてください。

① 男性　② 女性

【問15】あなたの年齢の番号に○をつけてください。

① １０歳代　② ２０歳代　③ ３０歳代　④ ４０歳代
⑤ ５０歳代　⑥ ６０歳代　⑦ ７０歳以上

【問16】あなたの世帯で主な収入を得ておられる方のご職業は何ですか。あてはまるものを1つ選び、○で囲んでください。

① 自営　② 給与所得者（会社員、公務員等）
③ 会社・団体役員　④ パート・アルバイト
⑤ 年金生活者　⑥ 学生
⑦ その他（　　）

【問17】あなたのお住まいの郵便番号をご記入ください。

郵便番号　□□□ - □□□□

アンケート一　13

### Q　このアンケートの内容についての質問です。

【問 18】　天竜川での取組み、本アンケート調査に対するご意見がございましたら、ご記入ください。（ご自由にお書きください）

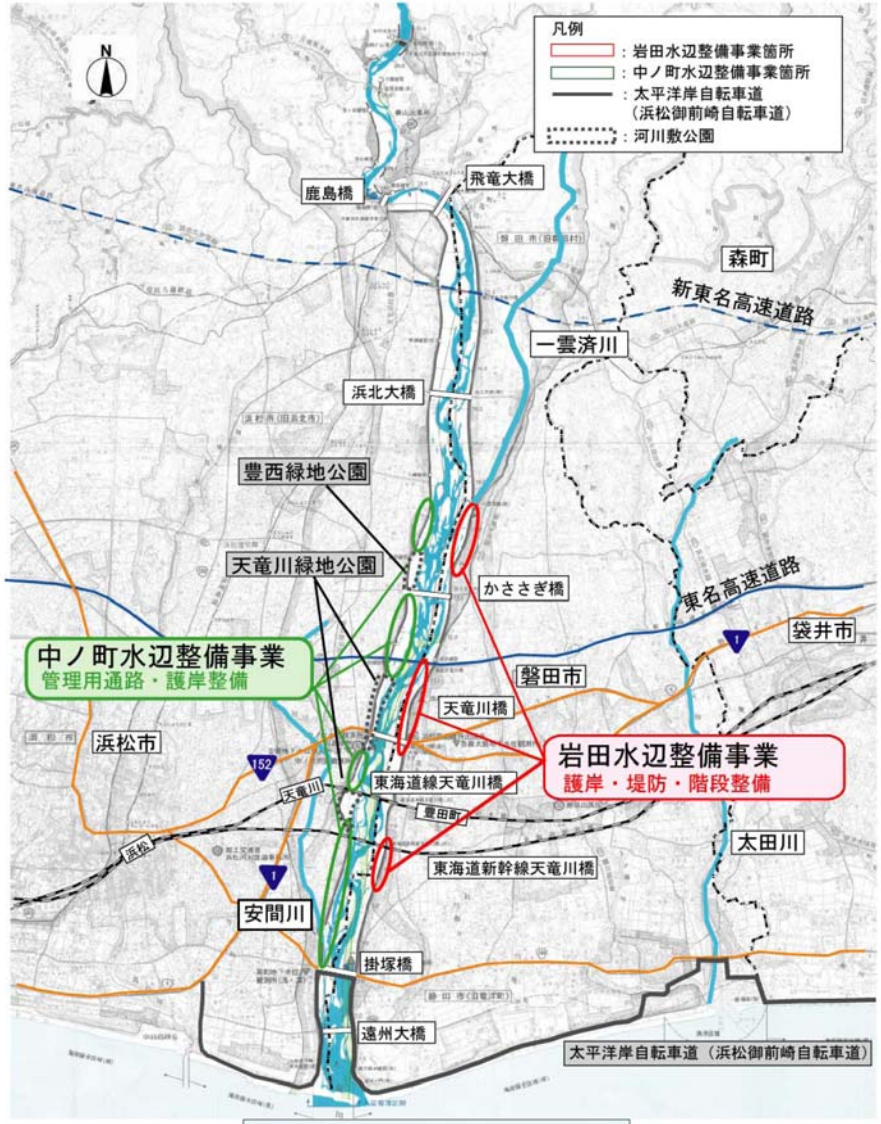
※ない場合は「なし」とご記入してください。

アンケート一　14

## (2)調査アンケート票　6/7

### 天竜川周辺（岩田河川水辺整備事業、中ノ町水辺整備事業）の取組みとは？

天竜川では、水辺整備の取組みとして、「護岸・階段・堤防の整備や管理用通路の整備」を行いました。




環境整備箇所　位置図

説明資料

# 天竜川周辺の環境整備 －中ノ町水辺整備事業の 整備内容と利活用の様子

## 事業②：中ノ町水辺整備（管理用通路・護岸整備）

### 事業の目的・背景

◆中ノ町地区では、河川敷公園が整備され多くの人に利用されていました。しかし、それぞれの公園が点在しており各々の拠点としての利用しかされていなかったことから、一体的な利用が望まれていました。

◆そのため、河川管理の効率化に併せ、ネットワーク化による更なる利活用が図られるよう基盤整備を行いました。

### ◆取組み前の状況

➢河川敷公園が一体的に利用されていませんでした。

### ◆取組み後の状況（H10整備完了）

➢管理用通路の整備による河川敷公園のネットワーク化により、河川管理の効率化が図られました。

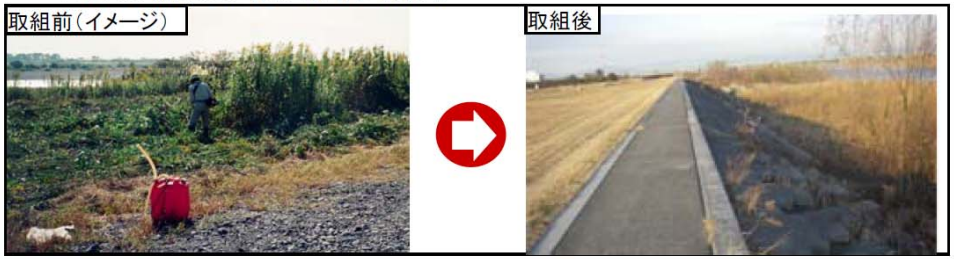
➢また、マラソンやロングウォークなど、学校教育の場としても活用されています。

➢「太平洋岸自転車道」へもアクセス可能となり、広域的なネットワークが形成され、活用されています。

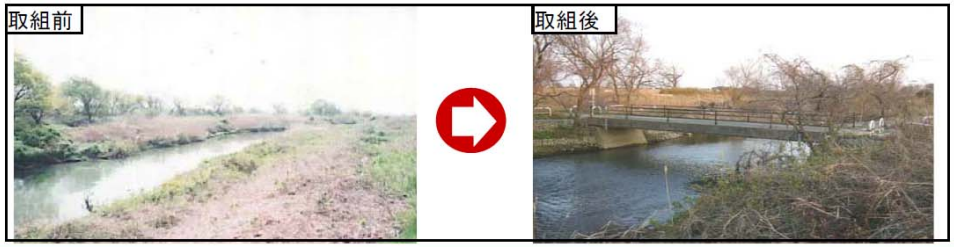
管理用通路を利用したロングウォーク等、学校教育としても利用されています。

管理用通路が整備され、河川敷を利用しやすくなりました。

■天竜川緑地公園付近（国吉町付近）




■安間川合流付近



# ＜天竜川総合水系環境整備事業＞

# （岩田水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 岩田水辺整備事業　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 事後評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | 1 | 1049.0 | |
| | 本工事費 | | 式 | 1 | 1049.0 | |
| | | ゾーン整備 | m | 3,000 | 1033.0 | 地中連続壁工法(TRD)等 |
| | | 合流部対策 | 式 | 1 | 16.0 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | 1 | 145.4 | |
| 工事諸費 | | | 式 | 1 | 108.8 | |
| 事業費　計 | | | 式 | 1 | 1303.2 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 8.4 | 巡視、草刈(年間) |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4 備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVMを用いる。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | ・周辺環境は、公園であるなど、水辺整備と公園整備が周辺の地価に及ぼす影響を切り分けることが困難であることから適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | ・事例は多くあるが、周辺環境（自然環境、社会環境）や事業内容、事業規模等により便益は異なることが想定される。既存事例の適用は事業特性や周辺環境が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | ・岩田周辺での活動を安全で快適にするための事業であり、同等の機能を代替する方法がないため適用しない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | ・岩田周辺を利用しやすくするための事業もあり、利用価値が認められる。また、子供たちの環境体験など、非利用価値も認められる。<br>・CVMでは利用価値および非利用価値の評価も可能であり、適用事例も多いことから適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | ・比較できる複数の仮想状態（プロファイル）を作成することが困難であることから、適用しない | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | ・本事業の整備効果として費用対効果は不可欠な効果であり、便益として計測することが重要 | × |

# 2.CVM調査チェックリスト

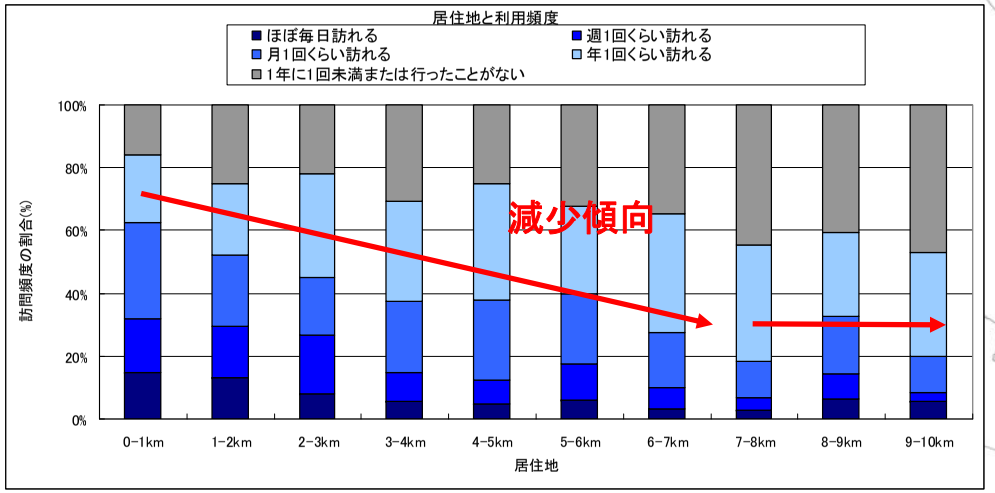
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る357票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケートを実施。

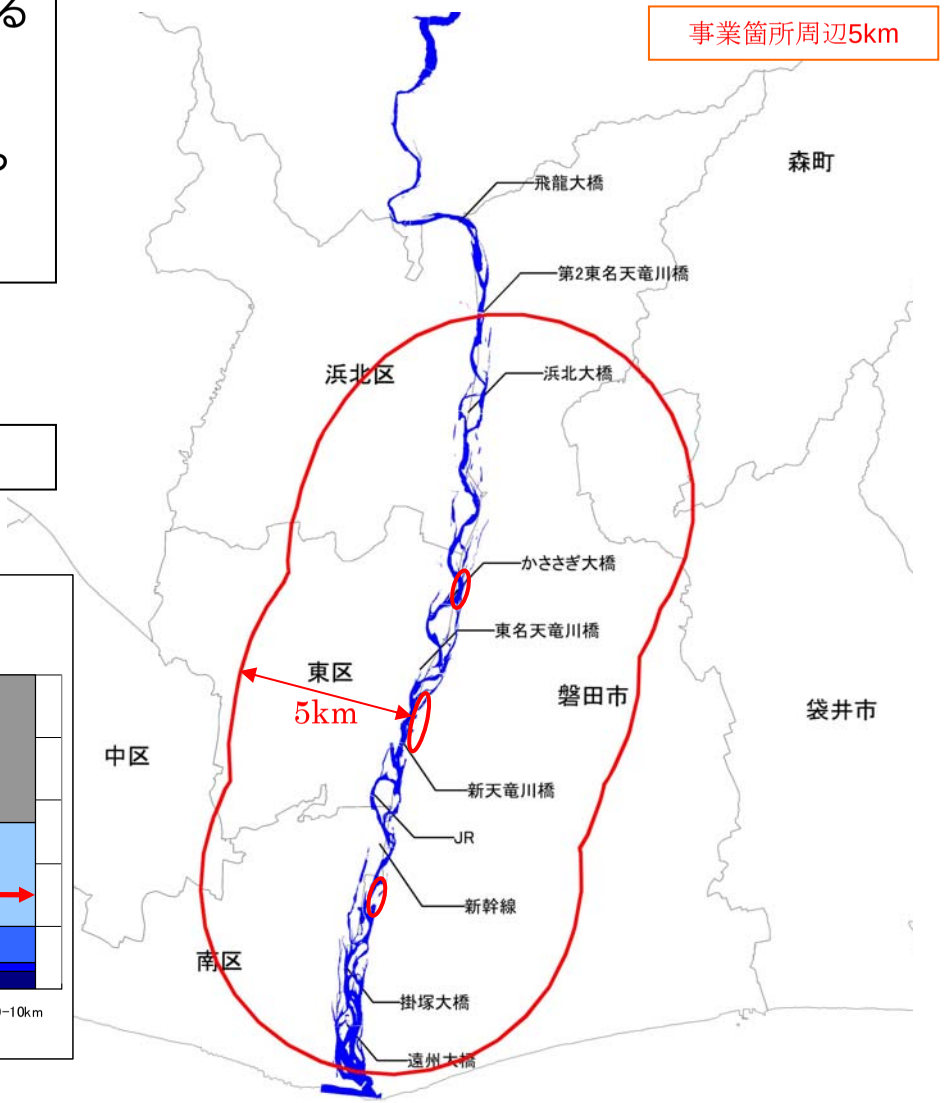
■当該地区への来訪頻度の変化点は7km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は117,918世帯




来訪頻度の距離別構成

○世帯数の集計範囲



# 4.支払意思額:WTP

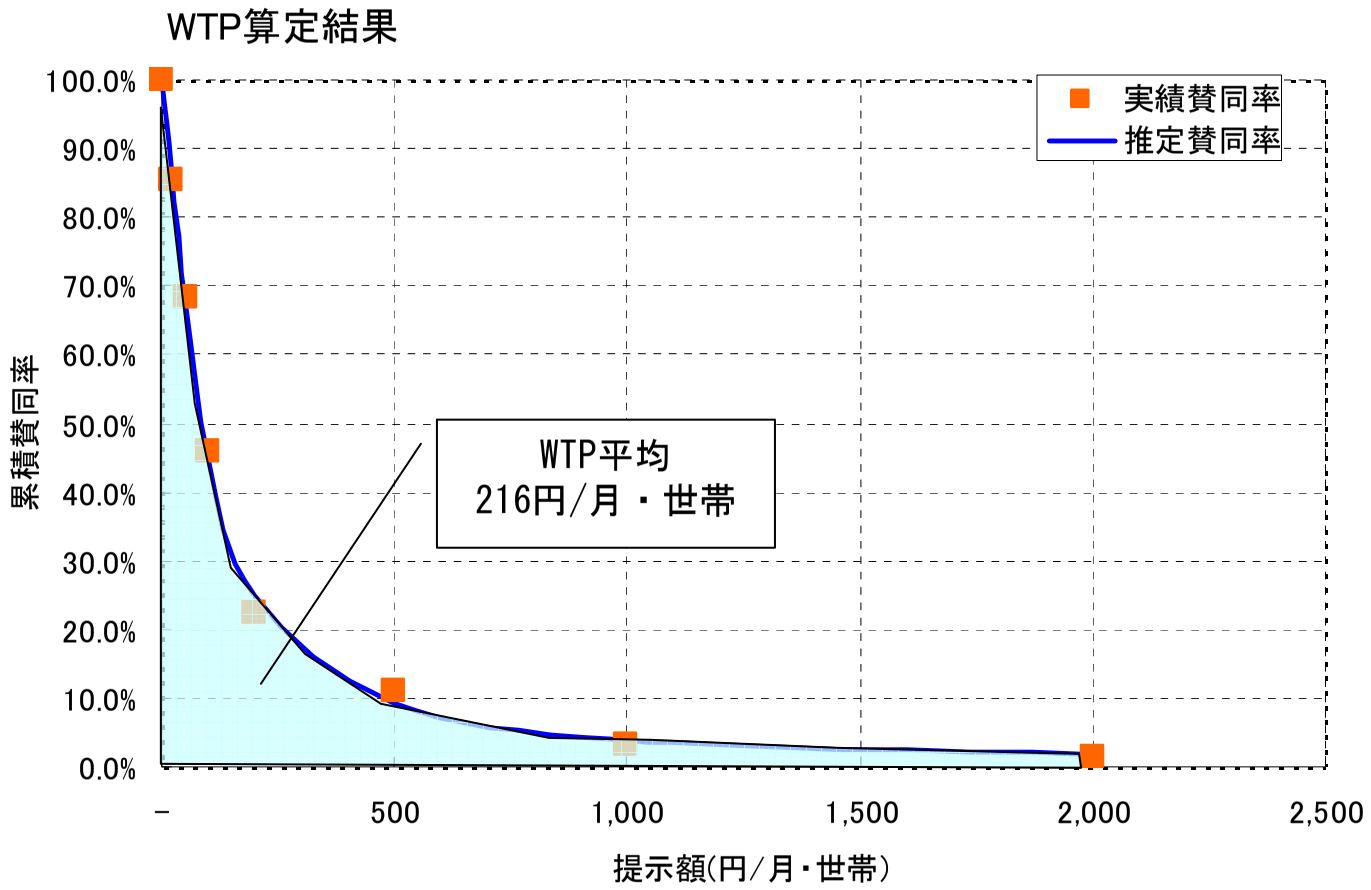
『地域の住民』のＷＴＰ

216円／月／世帯

『地域の住民』の年便益

年便益＝216円×12ヶ月×117,918世帯
≒306百万円／年

▽算定結果



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2005(H17) |
| 社会的割引率 | 4% |

（単位：百万円）

【事業全体】

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間 | -12 | 2000 | 0.989 | 1.601 | 0.0 | 0.0 | 0.0 | | | 0.0 | 56.0 | 55.4 | 88.7 | 0.0 | 0.0 | 0.0 | 56.0 | 55.4 | 88.7 |
| | -11 | 2001 | 1.013 | 1.539 | 0.0 | 0.0 | 0.0 | | | 0.0 | 90.0 | 91.2 | 140.4 | 0.4 | 0.4 | 0.6 | 90.4 | 91.6 | 141.0 |
| | -10 | 2002 | 1.029 | 1.480 | 0.0 | 0.0 | 0.0 | | | 0.0 | 338.0 | 347.9 | 514.9 | 0.9 | 1.0 | 1.5 | 338.9 | 348.9 | 516.4 |
| | -9 | 2003 | 1.029 | 1.423 | 0.0 | 0.0 | 0.0 | | | 0.0 | 338.0 | 347.9 | 495.1 | 3.1 | 3.2 | 4.6 | 341.1 | 351.1 | 499.7 |
| | -8 | 2004 | 1.028 | 1.369 | 0.0 | 0.0 | 0.0 | | | 0.0 | 481.0 | 494.6 | 677.1 | 5.3 | 5.4 | 7.4 | 486.3 | 500.0 | 684.5 |
| 施設完成後の評価期間（50年） | -7 | 2005 | 1.021 | 1.316 | 305.6 | 305.6 | 402.2 | | | 402.2 | | | | 8.4 | 8.6 | 11.3 | 8.4 | 8.6 | 11.3 |
| | -6 | 2006 | 1.011 | 1.265 | 305.6 | 305.6 | 386.6 | | | 386.6 | | | | 8.4 | 8.5 | 10.8 | 8.4 | 8.5 | 10.8 |
| | -5 | 2007 | 0.995 | 1.217 | 305.6 | 305.6 | 371.9 | | | 371.9 | | | | 8.4 | 8.4 | 10.2 | 8.4 | 8.4 | 10.2 |
| | -4 | 2008 | 0.968 | 1.170 | 305.6 | 305.6 | 357.6 | | | 357.6 | | | | 8.4 | 8.1 | 9.5 | 8.4 | 8.1 | 9.5 |
| | -3 | 2009 | 1.001 | 1.125 | 305.6 | 305.6 | 343.8 | | | 343.8 | | | | 8.4 | 8.4 | 9.5 | 8.4 | 8.4 | 9.5 |
| | -2 | 2010 | 1.000 | 1.082 | 305.6 | 305.6 | 330.7 | | | 330.7 | | | | 8.4 | 8.4 | 9.1 | 8.4 | 8.4 | 9.1 |
| | -1 | 2011 | 1.000 | 1.040 | 305.6 | 305.6 | 317.8 | | | 317.8 | | | | 8.4 | 8.4 | 8.7 | 8.4 | 8.4 | 8.7 |
| | 0 | 2012 | 1.000 | 1.000 | 305.6 | 305.6 | 305.6 | | | 305.6 | | | | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| | 1 | 2013 | 1.000 | 0.962 | 305.6 | 305.6 | 294.0 | | | 294.0 | | | | 8.4 | 8.4 | 8.1 | 8.4 | 8.4 | 8.1 |
| | 2 | 2014 | 1.000 | 0.925 | 305.6 | 305.6 | 282.7 | | | 282.7 | | | | 8.4 | 8.4 | 7.8 | 8.4 | 8.4 | 7.8 |
| | 3 | 2015 | 1.000 | 0.889 | 305.6 | 305.6 | 271.7 | | | 271.7 | | | | 8.4 | 8.4 | 7.5 | 8.4 | 8.4 | 7.5 |
| | 4 | 2016 | 1.000 | 0.855 | 305.6 | 305.6 | 261.3 | | | 261.3 | | | | 8.4 | 8.4 | 7.2 | 8.4 | 8.4 | 7.2 |
| | 5 | 2017 | 1.000 | 0.822 | 305.6 | 305.6 | 251.2 | | | 251.2 | | | | 8.4 | 8.4 | 6.9 | 8.4 | 8.4 | 6.9 |
| | 6 | 2018 | 1.000 | 0.790 | 305.6 | 305.6 | 241.4 | | | 241.4 | | | | 8.4 | 8.4 | 6.6 | 8.4 | 8.4 | 6.6 |
| | 7 | 2019 | 1.000 | 0.760 | 305.6 | 305.6 | 232.3 | | | 232.3 | | | | 8.4 | 8.4 | 6.4 | 8.4 | 8.4 | 6.4 |
| | 8 | 2020 | 1.000 | 0.731 | 305.6 | 305.6 | 223.4 | | | 223.4 | | | | 8.4 | 8.4 | 6.1 | 8.4 | 8.4 | 6.1 |
| | 9 | 2021 | 1.000 | 0.703 | 305.6 | 305.6 | 214.8 | | | 214.8 | | | | 8.4 | 8.4 | 5.9 | 8.4 | 8.4 | 5.9 |
| | 10 | 2022 | 1.000 | 0.676 | 305.6 | 305.6 | 206.6 | | | 206.6 | | | | 8.4 | 8.4 | 5.7 | 8.4 | 8.4 | 5.7 |
| | 11 | 2023 | 1.000 | 0.650 | 305.6 | 305.6 | 198.6 | | | 198.6 | | | | 8.4 | 8.4 | 5.5 | 8.4 | 8.4 | 5.5 |
| | 12 | 2024 | 1.000 | 0.625 | 305.6 | 305.6 | 191.0 | | | 191.0 | | | | 8.4 | 8.4 | 5.3 | 8.4 | 8.4 | 5.3 |
| | 13 | 2025 | 1.000 | 0.601 | 305.6 | 305.6 | 183.7 | | | 183.7 | | | | 8.4 | 8.4 | 5.0 | 8.4 | 8.4 | 5.0 |
| | 14 | 2026 | 1.000 | 0.577 | 305.6 | 305.6 | 176.3 | | | 176.3 | | | | 8.4 | 8.4 | 4.8 | 8.4 | 8.4 | 4.8 |
| | 15 | 2027 | 1.000 | 0.555 | 305.6 | 305.6 | 169.6 | | | 169.6 | | | | 8.4 | 8.4 | 4.7 | 8.4 | 8.4 | 4.7 |
| | 16 | 2028 | 1.000 | 0.534 | 305.6 | 305.6 | 163.2 | | | 163.2 | | | | 8.4 | 8.4 | 4.5 | 8.4 | 8.4 | 4.5 |
| | 17 | 2029 | 1.000 | 0.513 | 305.6 | 305.6 | 156.8 | | | 156.8 | | | | 8.4 | 8.4 | 4.3 | 8.4 | 8.4 | 4.3 |
| | 18 | 2030 | 1.000 | 0.494 | 305.6 | 305.6 | 151.0 | | | 151.0 | | | | 8.4 | 8.4 | 4.1 | 8.4 | 8.4 | 4.1 |
| | 19 | 2031 | 1.000 | 0.475 | 305.6 | 305.6 | 145.2 | | | 145.2 | | | | 8.4 | 8.4 | 4.0 | 8.4 | 8.4 | 4.0 |
| | 20 | 2032 | 1.000 | 0.456 | 305.6 | 305.6 | 139.4 | | | 139.4 | | | | 8.4 | 8.4 | 3.8 | 8.4 | 8.4 | 3.8 |
| | 21 | 2033 | 1.000 | 0.439 | 305.6 | 305.6 | 134.2 | | | 134.2 | | | | 8.4 | 8.4 | 3.7 | 8.4 | 8.4 | 3.7 |
| | 22 | 2034 | 1.000 | 0.422 | 305.6 | 305.6 | 129.0 | | | 129.0 | | | | 8.4 | 8.4 | 3.5 | 8.4 | 8.4 | 3.5 |
| | 23 | 2035 | 1.000 | 0.406 | 305.6 | 305.6 | 124.1 | | | 124.1 | | | | 8.4 | 8.4 | 3.4 | 8.4 | 8.4 | 3.4 |
| | 24 | 2036 | 1.000 | 0.390 | 305.6 | 305.6 | 119.2 | | | 119.2 | | | | 8.4 | 8.4 | 3.3 | 8.4 | 8.4 | 3.3 |
| | 25 | 2037 | 1.000 | 0.375 | 305.6 | 305.6 | 114.6 | | | 114.6 | | | | 8.4 | 8.4 | 3.2 | 8.4 | 8.4 | 3.2 |
| | 26 | 2038 | 1.000 | 0.361 | 305.6 | 305.6 | 110.3 | | | 110.3 | | | | 8.4 | 8.4 | 3.0 | 8.4 | 8.4 | 3.0 |
| | 27 | 2039 | 1.000 | 0.347 | 305.6 | 305.6 | 106.0 | | | 106.0 | | | | 8.4 | 8.4 | 2.9 | 8.4 | 8.4 | 2.9 |
| | 28 | 2040 | 1.000 | 0.333 | 305.6 | 305.6 | 101.8 | | | 101.8 | | | | 8.4 | 8.4 | 2.8 | 8.4 | 8.4 | 2.8 |
| | 29 | 2041 | 1.000 | 0.321 | 305.6 | 305.6 | 98.1 | | | 98.1 | | | | 8.4 | 8.4 | 2.7 | 8.4 | 8.4 | 2.7 |
| | 30 | 2042 | 1.000 | 0.308 | 305.6 | 305.6 | 94.1 | | | 94.1 | | | | 8.4 | 8.4 | 2.6 | 8.4 | 8.4 | 2.6 |
| | 31 | 2043 | 1.000 | 0.296 | 305.6 | 305.6 | 90.5 | | | 90.5 | | | | 8.4 | 8.4 | 2.5 | 8.4 | 8.4 | 2.5 |
| | 32 | 2044 | 1.000 | 0.285 | 305.6 | 305.6 | 87.1 | | | 87.1 | | | | 8.4 | 8.4 | 2.4 | 8.4 | 8.4 | 2.4 |
| | 33 | 2045 | 1.000 | 0.274 | 305.6 | 305.6 | 83.7 | | | 83.7 | | | | 8.4 | 8.4 | 2.3 | 8.4 | 8.4 | 2.3 |
| | 34 | 2046 | 1.000 | 0.264 | 305.6 | 305.6 | 80.7 | | | 80.7 | | | | 8.4 | 8.4 | 2.2 | 8.4 | 8.4 | 2.2 |
| | 35 | 2047 | 1.000 | 0.253 | 305.6 | 305.6 | 77.3 | | | 77.3 | | | | 8.4 | 8.4 | 2.1 | 8.4 | 8.4 | 2.1 |
| | 36 | 2048 | 1.000 | 0.244 | 305.6 | 305.6 | 74.6 | | | 74.6 | | | | 8.4 | 8.4 | 2.0 | 8.4 | 8.4 | 2.0 |
| | 37 | 2049 | 1.000 | 0.234 | 305.6 | 305.6 | 71.5 | | | 71.5 | | | | 8.4 | 8.4 | 2.0 | 8.4 | 8.4 | 2.0 |
| | 38 | 2050 | 1.000 | 0.225 | 305.6 | 305.6 | 68.8 | | | 68.8 | | | | 8.4 | 8.4 | 1.9 | 8.4 | 8.4 | 1.9 |
| | 39 | 2051 | 1.000 | 0.217 | 305.6 | 305.6 | 66.3 | | | 66.3 | | | | 8.4 | 8.4 | 1.8 | 8.4 | 8.4 | 1.8 |
| | 40 | 2052 | 1.000 | 0.208 | 305.6 | 305.6 | 63.6 | | | 63.6 | | | | 8.4 | 8.4 | 1.7 | 8.4 | 8.4 | 1.7 |
| | 41 | 2053 | 1.000 | 0.200 | 305.6 | 305.6 | 61.1 | | | 61.1 | | | | 8.4 | 8.4 | 1.7 | 8.4 | 8.4 | 1.7 |
| | 42 | 2054 | 1.000 | 0.193 | 305.6 | 305.6 | 59.0 | | | 59.0 | | | | 8.4 | 8.4 | 1.6 | 8.4 | 8.4 | 1.6 |
| 合計 | | | | | 15280.0 | 15280.0 | 8986.0 | 104.9 | 20.2 | 9006.2 | 1303.0 | 1337.0 | 1916.2 | 429.7 | 430.0 | 261.1 | 1732.7 | 1767.0 | 2177.3 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 90 |
| 総費用（億円） | C | 22 |
| **費用便益比** | **B／C** | **4.1** |
| 純現在価値（億円） | B－C | 68 |
| 経済的内部収益率 | | 18.3% |

# (2)調査アンケート票　1/7

## 天竜川の河川利用を推進するための取組みに関するアンケート調査のお願い

平成24年2月
国土交通省中部地方整備局
浜松河川国道事務所

謹啓

立春の候、皆さま方におかれましてはますますご健勝のことと存じます。

平素より、河川行政にご理解・ご協力を賜りまして、誠にありがとうございます。

このたび、国土交通省中部地方整備局 浜松河川国道事務所では、天竜川の河川利用を推進するための取組みに関するアンケート調査を実施することとなりました。

このアンケートは、**皆さまからご意見などをいただき、河川利用を推進するための護岸・河川敷の整備など（以下、「水辺整備の取組み」という。）今後の川づくりに役立てていくこと**を目的として、**天竜川下流域を中心とした約10km以内の地域**にお住まいの方を対象に実施させていただいております。

お忙しいところ誠に恐れ入りますが、本アンケート調査の目的をご理解いただき、ご協力くださいますようよろしくお願い申し上げます。

謹白

### ご記入にあたって

- この調査票は、あなたの**世帯の中で主な収入を得ておられる方**、またはそれに準じる方（主にその配偶者）がお答えください。
- **別添した「説明資料」をご覧いただいた上で、ご回答をお願いします。**
- この調査票にご記入いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません**。また、本調査の目的以外に使用することも決してありません。
- このアンケートには、**取組みの価値を金銭に置き換えて評価するという、皆さんにあまりなじみがない質問の内容、形式、仮定が含まれています**ことをご了承ください。（**この調査の回答をもとに税金の値上げや、あなたの世帯から実際に負担金を徴収することはございません。**）

### アンケート調査についてのお問い合わせ

- 本アンケート調査についてご不明な点がございましたら、下記までお問い合わせください。

株式会社　建設技術研究所 中部支社　河川部　　担当：川村、氷見
電話：052−218−3795
FAX：052−218−3823
（電話は土・日・祝日を除く　9：00～17：00）

国土交通省 中部地方整備局 浜松河川国道事務所 調査第一課　　担当：佐々木、長野
電話：053−466−0116
FAX：053−466−0122
（電話は土・日・祝日を除く　8：30～17：15）



## 天竜川の水辺整備の取組みに関するアンケート用紙

最初に、あなたと天竜川との関わりについてお尋ねします。

【問1】あなたは現在、天竜川にどれくらいの頻度で訪れていますか。あてはまる番号を1つ選び、○をつけてください。

① ほぼ毎日　　訪れる
② 週　に　1回くらい　訪れる
③ 月　に　1回くらい　訪れる
④ 年　に　1回くらい　訪れる
⑤ 1年に　1回未満（または行ったことがない）

【問2】天竜川にはどのような目的で訪れていますか。
あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 水辺の散策
② 釣り
③ 自然観察や環境学習
④ 水遊び
⑤ 運動（サッカー、野球など）
⑥ 通勤・通学・ショッピング等の通り道
⑦ その他（　　）

## (2)調査アンケート票　2/7

ここからは別添の説明資料をよくご覧ください。以下ではこの説明資料をご覧の上ご回答ください。

【問３】あなたは、天竜川の水辺整備の取組みが進められていたことをご存知でしたか。どちらかの番号に○をつけてください。

① 知っていた

② 知らなかった

【問４】天竜川の水辺整備の取組みを行うことで、あなたや家族にとって、何かいいこと（効果）があると思いますか。どちらかの番号に○をつけてください。

① よいことがあると思う → 【問５】へ

② よいことがあるとは思わない → 【問６】へ

【問５】問４で「①よいことがあると思う」に○印をつけた方に伺います。
その理由は何ですか。あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 河川・水辺に親しみやすくなる

② 河川敷に遊びに行くことができるようになる

③ 散歩や軽い運動、グラウンドの利用などができるようになる

④ あなたの親類や友人など、他の人にとってよいことである

⑤ あなたの子孫を含め、将来の世代にとってよいことである

⑥ 河川の環境がよくなることは、よいことである

⑦ その他（　　）

→ 【問６】へ

アンケート－　3

ここからは別添の説明資料に示すような水辺整備の取組みをした場合の効果を評価するため、下記の通り仮定をし、質問を行います。

**仮定①：「各世帯からの負担金」で取組みを行うと仮定します**

実際にはこのような取組みは税金によって実施されていますが、仮に取組みが税金ではなく、各世帯から負担金を集めて行われるような仕組みがあるとして、支払ってもよいと思う金額についてお尋ねいたします。

負担金は今の地域にお住まいの間、定期的に負担していただくことと仮定いたします。なお、支払い額によって取組みの内容が変わることはありません。

**仮定②：負担金は他の取組みには使われないと仮定します**

負担金は、この取組みの実施と維持管理のためにのみ使われ、他には一切使われないと仮定いたします。

**仮定③：これはあくまでも仮定の話です**

これは、取組みの効果を評価するための仮定の話であり、実際に世帯からの負担金を集める仕組みが考えられているものではありません。また、この回答をもって税金の値上げや負担金を集めるようなことは、一切ありません。

アンケート－　4

## (2)調査アンケート票　3/7

**岩田水辺整備事業の取組み（以下、「岩田地区」という。）について仮の質問です。**

以下では、別添の説明資料をご覧の上ご回答ください。

【問 6】「岩田地区の水辺整備の取組み」について、次の（1）～（7）に、”取組みあり”の場合の世帯の負担金の額を具体的に示します。（1）から順に取組みを行うことに反対・賛成のどちらかを選び、番号を○で囲んでください。（1）で反対を選んだ方は、次ページ問 7 で反対理由をお答えください。（2）以降で反対を選んだ方は、次ページ問 8 でそれまでの賛成理由をお答えください。なお、”取組みなし”と”取組みあり”の状況は、下の表のように仮定します。

| | 取組みなしの状況 | 取組みありの状況 |
|---|---|---|
| 天竜川・岩田地区の水辺整備の取組み | ・河川敷へ降りづらい状態でした。<br>・草木が繁茂し、水辺に近づきにくい状態でした。<br>・世帯の負担金はありません。 | ・坂路等の整備により、河川敷に降りやすくなりました。<br>・階段護岸の整備により、水辺へ近づきやすくなりました。<br>・水辺環境学習等が行われるようになりました。<br>・世帯の負担金が必要です。 |

（1）負担金が世帯あたり毎月 20 円（年間 240 円）の場合

1）反対　　2）賛成

→ 次ページ【問 7】へ

（2）負担金が世帯あたり毎月 50 円（年間 600 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ

（3）負担金が世帯あたり毎月 100 円（年間 1，200 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ

（4）負担金が世帯あたり毎月 200 円（年間 2，400 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ

（5）負担金が世帯あたり毎月 500 円（年間 6，000 円）の場合

1）反対　　2）賛成

→ 次ページ【問 8】へ　　→ 次ページ（6）へ



【問 6】のつづき

（6）負担金が世帯あたり毎月 1，000 円（年間 12，000 円）の場合

1）反対　　2）賛成

→ 【問 8】へ

（7）負担金が世帯あたり毎月 2，000 円（年間 24，000 円）の場合

1）反対　　2）賛成

→ 【問 8】へ　　→ 【問 8】へ

【問 7】問 6 の（1）で、「反対」とお答えになった方のみに質問します。反対の主な理由を 1 つだけ選び、番号を○で囲んでください。

1）取組みは必要だと思うが、毎月 20 円（年間 240 円）も支払う価値はないと思うから
2）たとえ支払いがなくても、この取組みを行わない方がよいと思うから
3）これだけの情報では判断できないから
4）世帯から負担金を集めるという仕組みに反対だから
5）その他（　　）

→ 次ページ【問 9】へ

【問 8】問 6 の（1）で、「賛成」とお答えになった方のみに質問します。賛成の主な理由を 1 つだけ選び、番号を○で囲んでください。

1）子供たちが安心して遊べるようになったから
2）水遊びなど、川にふれあうことができるようになったから
3）洪水の心配がなくなったから
4）自分たちにとっては意味がないが、他の人が払うのなら仕方がないから
5）水辺を散歩できるようになったから
6）その他（　　）

→ 次ページ【問 9】へ

以上で仮の質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　4/7

**岩田地区の取組み箇所の利用状況に関する質問です。**

以下では、別添の説明資料をご覧の上ご回答ください。

【問９】最近１年間であなたや家族の岩田地区（説明資料に示す取組み場所）での利用状況に関してお答えください。

（１）最近１年間で岩田地区の取組み場所に行きましたか。どちらかの番号に○をつけてください。

① 行った　→　【問９】（２）へ

② 行っていない　→　【問 10】へ

（２）岩田地区の取組み場所に行ったときに他の場所も訪れましたか。
あてはまる番号を１つ選び、番号に○をつけてください。

①岩田地区の取組み場所に行き、他の場所は訪れなかった

②主に別の場所に行き、ついでに岩田地区の取組み場所にも寄った

（３）岩田地区の取組み場所は、現在どのくらい利用していますか。また、取組みが行われる前はどのくらい利用していましたか。それぞれに概ねの回数を記入して下さい。

現在は、１年間に（　　）回くらい利用している

取組みが行われる前は、１年間に（　　）回くらい利用していた

（４）あなたを含めて家族で同行した人数を教えてください。
※子どもは中学生以下とします。世帯にお子様がいない場合には子どもの欄は「０（ゼロ）人」をご記入ください。

平均で大人［　　］人、子ども［　　］人

（５）訪問したときの主な交通手段を１つ選び、番号に○をつけてください。
※交通手段は通常お使いのものでお答えください。
※自転車とバスを使うなど、一度に複数の交通手段を併用する場合には主な交通手段でお答えください。

① 自家用車　② 自転車　③ 徒歩　④ バス

⑤ その他（　　）

（６）前問の交通手段での所要時間（片道）を教えてください。

約［　　］分



（７）前問の交通手段での費用（片道）を教えてください。
※交通手段でバス等の公共交通機関をお答え頂いた方のみご記入ください。
※大人１人あたりの費用（片道）をご記入ください。

約［　　］円

（８）１回の訪問における平均的な滞在時間を教えてください。

約［　　］分

以上で岩田地区の取組みに関する質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　5/7

### Q　あなたご自身に関する質問です。

統計分析上の必要性から、アンケートにご協力くださったあなたご自身についてお尋ねしますが、個人データとして公表されることは絶対にございませんので、ご協力をお願いいたします。

【問14】あなたの性別の番号に○をつけてください。

① 男性　② 女性

【問15】あなたの年齢の番号に○をつけてください。

① １０歳代　② ２０歳代　③ ３０歳代　④ ４０歳代
⑤ ５０歳代　⑥ ６０歳代　⑦ ７０歳以上

【問16】あなたの世帯で主な収入を得ておられる方のご職業は何ですか。あてはまるものを1つ選び、○で囲んでください。

① 自営　② 給与所得者（会社員、公務員等）
③ 会社・団体役員　④ パート・アルバイト
⑤ 年金生活者　⑥ 学生
⑦ その他（　　）

【問17】あなたのお住まいの郵便番号をご記入ください。

郵便番号　□□□ - □□□□

アンケート一　13

### Q　このアンケートの内容についての質問です。

【問 18】　天竜川での取組み、本アンケート調査に対するご意見がございましたら、ご記入ください。（ご自由にお書きください）

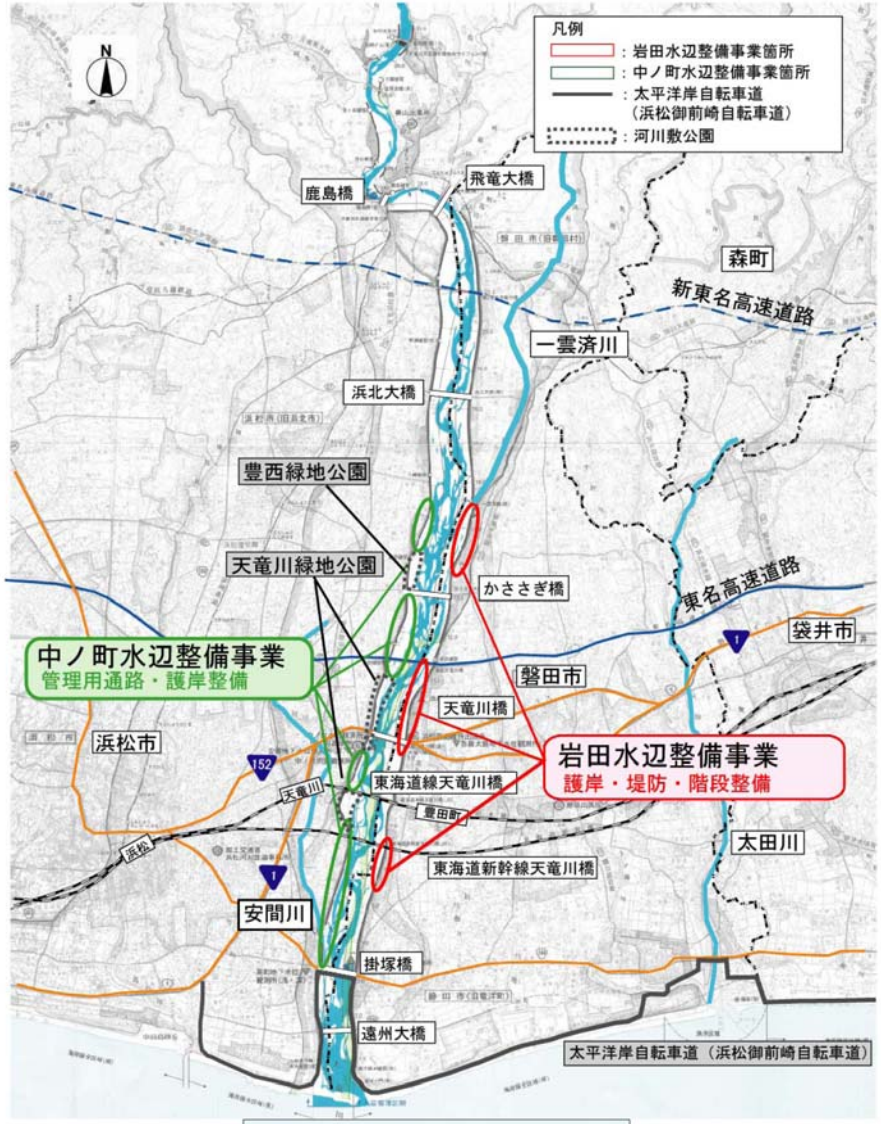
※ない場合は「なし」とご記入してください。

アンケート一　14

## (2)調査アンケート票　6/7

### 天竜川周辺（岩田河川水辺整備事業、中ノ町水辺整備事業）の取組みとは？

天竜川では、水辺整備の取組みとして、「護岸・階段・堤防の整備や管理用通路の整備」を行いました。




環境整備箇所　位置図

説明資料

# 天竜川周辺の環境整備 －岩田水辺整備事業の 整備内容と利活用の様子

## 事業①：岩田水辺整備事業（護岸・堤防・階段整備）

### 事業の背景・目的

◆岩田地区では、支川の一雲済川などで河川愛護活動が活発に行われるなか、本川においても環境学習の場の整備が望まれていました。しかし、河川敷には草木が繁茂し、堤防斜面が急で河川敷へ降りづらいという状況でした。

◆そのため、子どもたちの環境学習等の場として活用できるよう基盤整備を行いました。

### ◆取組み前の状況

- 河川敷へ降りづらい状態でした。
- 草木が繁茂し水辺に近づきにくい状態でした。

### ◆取組み後の状況（H16整備完了）

- 坂路等の整備により、河川敷に降りやすくなりました。
- 階段護岸の整備により、水辺へ近づきやすくなりました。
- 水辺環境学習等が行われるようになりました。

岩田地区・水辺の楽校いわたの様子

■水辺の楽校いわた付近の整備状況

取組前　堤防斜面が急でした。

取組後　利用しやすい坂路が整備され河川敷へ降りやすくなりました。

取組前　堤防斜面が急でした。

取組後　階段が整備され河川敷に降りやすくなりました。

取組前(イメージ)

取組後　階段護岸が整備され水辺へ近づきやすくなりました。

■環境学習の場としての利用状況

安全に利用してもらうための説明状況

総合学習の実施状況

# ＜天竜川総合水系環境整備事業＞

# （八幡水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 八幡水辺整備事業　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 事後評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| | | | 式 | 1 | 400.0 | |
| | 本工事費 | | 式 | 1 | 400.0 | |
| | | 環境護岸 | m | 600 | 400.0 | |
| | | | | | | |
| | | | | | | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | 1 | 23.5 | |
| 工事諸費 | | | 式 | 1 | 28.5 | |
| 事業費　計 | | | 式 | 1 | 452.0 | |
| 維持管理費 | | | 式 | 1 | 1.2 | 巡視、草刈(年間) |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。

※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVMを用いる。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | ・周辺環境は、公園であるなど、水辺整備と公園整備が周辺の地価に及ぼす影響を切り分けることが困難であることから適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | ・事例は多くあるが、周辺環境（自然環境、社会環境）や事業内容、事業規模等により便益は異なることが想定される。既存事例の適用は事業特性や周辺環境が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | ・八幡周辺での活動を安全で快適にするための事業であり、同等の機能を代替する方法がないため適用しない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | ・八幡周辺を利用しやすくするための事業もあり、利用価値が認められる。また、子供たちの環境体験など、非利用価値も認められる。<br>・CVMでは利用価値および非利用価値の評価も可能であり、適用事例も多いことから適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | ・比較できる複数の仮想状態（プロファイル）を作成することが困難であることから、適用しない | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | ・本事業の整備効果として費用対効果は不可欠な効果であり、便益として計測することが重要 | × |

# 2.CVM調査チェックリスト

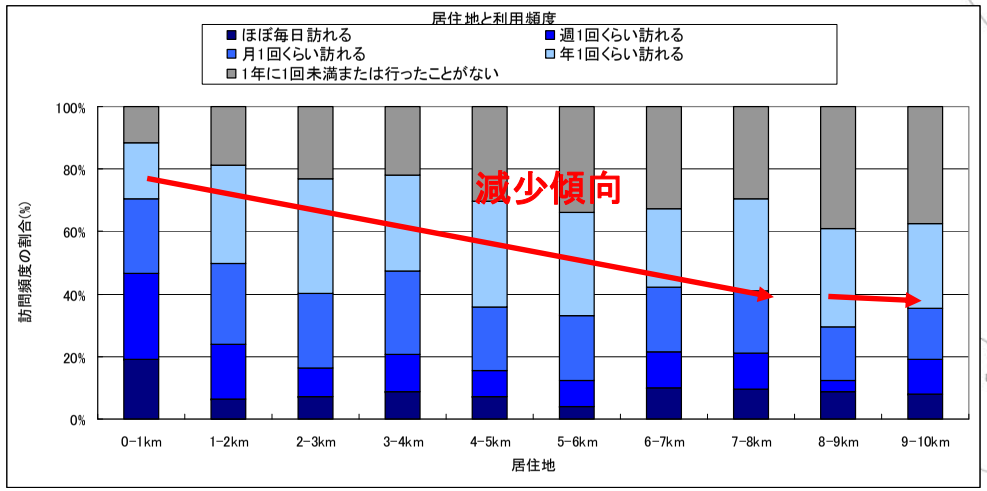
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る382票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケートを実施。

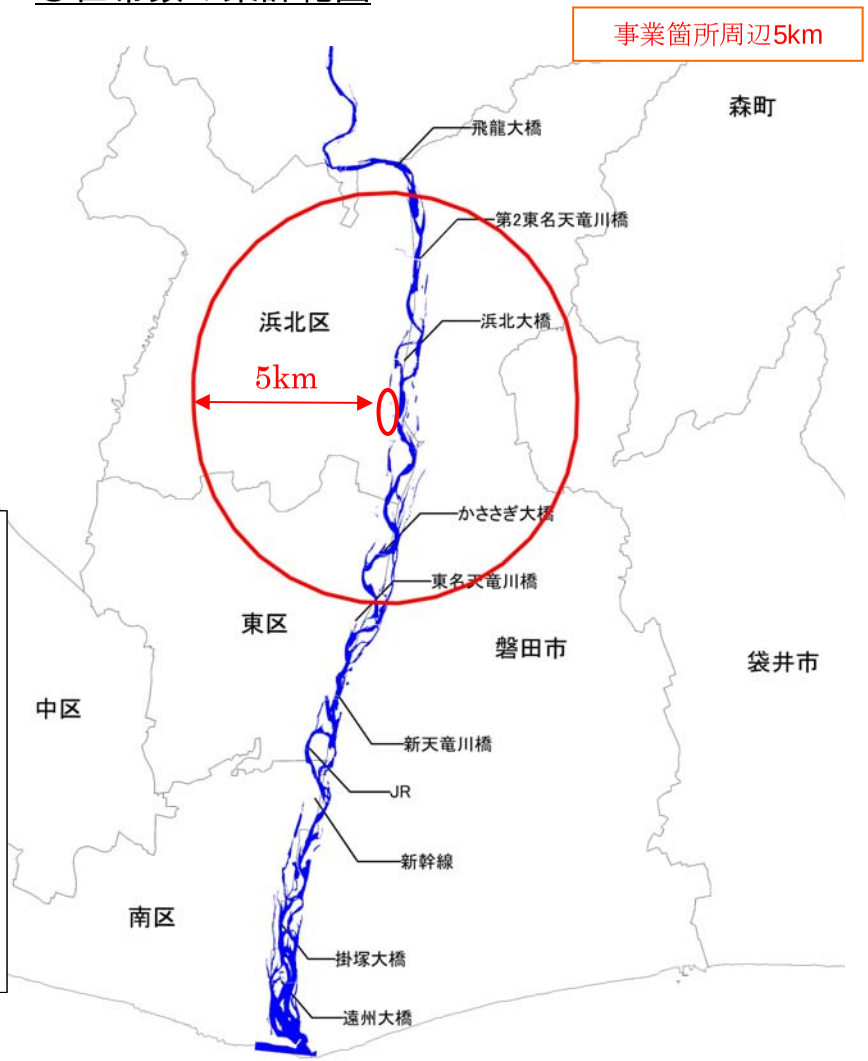
■当該地区への来訪頻度の変化点は8km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は39,807世帯




来訪頻度の距離別構成

○世帯数の集計範囲



# 4.支払意思額:WTP

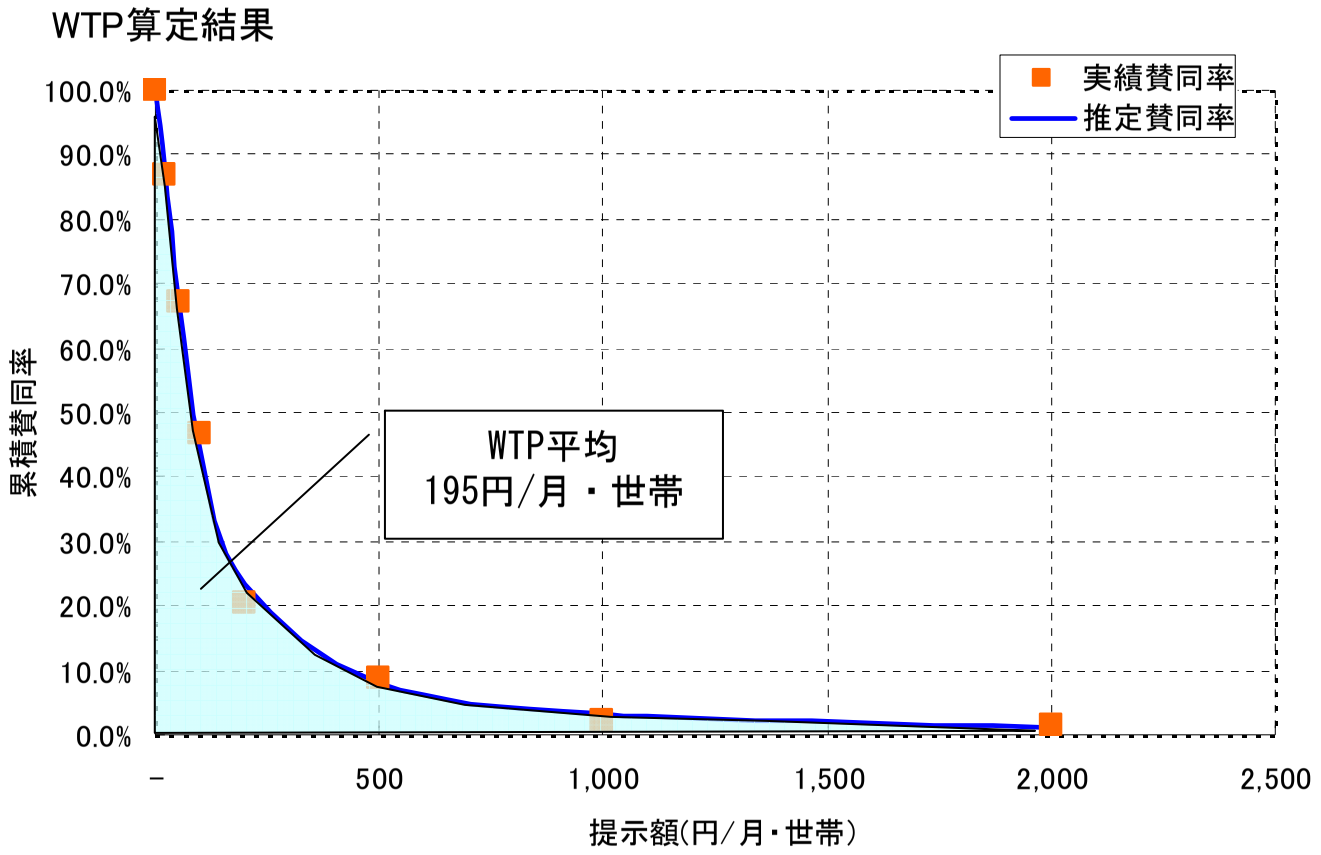
『地域の住民』のＷＴＰ

195円／月／世帯

『地域の住民』の年便益

年便益＝195円×12ヶ月×39,807世帯
≒93百万円／年

▽算定結果



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2003(H15) |
| 社会的割引率 | 4% |

（単位：百万円）

【事業全体】

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備 | -11 | 2001 | 1.013 | 1.539 | 0.0 | 0.0 | 0.0 | | | 0.0 | 200.0 | 202.6 | 311.8 | 0.0 | 0.0 | 0.0 | 200.0 | 202.6 | 311.8 |
| 期間 | -10 | 2002 | 1.029 | 1.480 | 0.0 | 0.0 | 0.0 | | | 0.0 | 252.0 | 259.4 | 383.9 | 0.53 | 0.55 | 0.81 | 252.5 | 260.0 | 384.7 |
| | -9 | 2003 | 1.029 | 1.423 | 93.1 | 93.1 | 132.5 | | | 132.5 | | | | 1.2 | 1.2 | 1.7 | 1.2 | 1.2 | 1.7 |
| 施 | -8 | 2004 | 1.028 | 1.369 | 93.1 | 93.1 | 127.5 | | | 127.5 | | | | 1.2 | 1.2 | 1.6 | 1.2 | 1.2 | 1.6 |
| | -7 | 2005 | 1.021 | 1.316 | 93.1 | 93.1 | 122.5 | | | 122.5 | | | | 1.2 | 1.2 | 1.6 | 1.2 | 1.2 | 1.6 |
| | -6 | 2006 | 1.011 | 1.265 | 93.1 | 93.1 | 117.8 | | | 117.8 | | | | 1.2 | 1.2 | 1.5 | 1.2 | 1.2 | 1.5 |
| | -5 | 2007 | 0.995 | 1.217 | 93.1 | 93.1 | 113.3 | | | 113.3 | | | | 1.2 | 1.2 | 1.5 | 1.2 | 1.2 | 1.5 |
| 設 | -4 | 2008 | 0.968 | 1.170 | 93.1 | 93.1 | 108.9 | | | 108.9 | | | | 1.2 | 1.2 | 1.4 | 1.2 | 1.2 | 1.4 |
| | -3 | 2009 | 1.001 | 1.125 | 93.1 | 93.1 | 104.7 | | | 104.7 | | | | 1.2 | 1.2 | 1.4 | 1.2 | 1.2 | 1.4 |
| | -2 | 2010 | 1.000 | 1.082 | 93.1 | 93.1 | 100.7 | | | 100.7 | | | | 1.2 | 1.2 | 1.3 | 1.2 | 1.2 | 1.3 |
| | -1 | 2011 | 1.000 | 1.040 | 93.1 | 93.1 | 96.8 | | | 96.8 | | | | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 完 | 0 | 2012 | 1.000 | 1.000 | 93.1 | 93.1 | 93.1 | | | 93.1 | | | | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| | 1 | 2013 | 1.000 | 0.962 | 93.1 | 93.1 | 89.6 | | | 89.6 | | | | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| | 2 | 2014 | 1.000 | 0.925 | 93.1 | 93.1 | 86.1 | | | 86.1 | | | | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 1.1 |
| 成 | 3 | 2015 | 1.000 | 0.889 | 93.1 | 93.1 | 82.8 | | | 82.8 | | | | 1.2 | 1.2 | 1.1 | 1.2 | 1.2 | 1.1 |
| | 4 | 2016 | 1.000 | 0.855 | 93.1 | 93.1 | 79.6 | | | 79.6 | | | | 1.2 | 1.2 | 1.0 | 1.2 | 1.2 | 1.0 |
| | 5 | 2017 | 1.000 | 0.822 | 93.1 | 93.1 | 76.5 | | | 76.5 | | | | 1.2 | 1.2 | 1.0 | 1.2 | 1.2 | 1.0 |
| 後 | 6 | 2018 | 1.000 | 0.790 | 93.1 | 93.1 | 73.5 | | | 73.5 | | | | 1.2 | 1.2 | 0.95 | 1.2 | 1.2 | 1.0 |
| | 7 | 2019 | 1.000 | 0.760 | 93.1 | 93.1 | 70.8 | | | 70.8 | | | | 1.2 | 1.2 | 0.91 | 1.2 | 1.2 | 0.91 |
| | 8 | 2020 | 1.000 | 0.731 | 93.1 | 93.1 | 68.1 | | | 68.1 | | | | 1.2 | 1.2 | 0.88 | 1.2 | 1.2 | 0.88 |
| | 9 | 2021 | 1.000 | 0.703 | 93.1 | 93.1 | 65.4 | | | 65.4 | | | | 1.2 | 1.2 | 0.84 | 1.2 | 1.2 | 0.84 |
| の | 10 | 2022 | 1.000 | 0.676 | 93.1 | 93.1 | 62.9 | | | 62.9 | | | | 1.2 | 1.2 | 0.81 | 1.2 | 1.2 | 0.81 |
| | 11 | 2023 | 1.000 | 0.650 | 93.1 | 93.1 | 60.5 | | | 60.5 | | | | 1.2 | 1.2 | 0.78 | 1.2 | 1.2 | 0.78 |
| | 12 | 2024 | 1.000 | 0.625 | 93.1 | 93.1 | 58.2 | | | 58.2 | | | | 1.2 | 1.2 | 0.75 | 1.2 | 1.2 | 0.75 |
| 評 | 13 | 2025 | 1.000 | 0.601 | 93.1 | 93.1 | 56.0 | | | 56.0 | | | | 1.2 | 1.2 | 0.72 | 1.2 | 1.2 | 0.72 |
| | 14 | 2026 | 1.000 | 0.577 | 93.1 | 93.1 | 53.7 | | | 53.7 | | | | 1.2 | 1.2 | 0.69 | 1.2 | 1.2 | 0.69 |
| | 15 | 2027 | 1.000 | 0.555 | 93.1 | 93.1 | 51.7 | | | 51.7 | | | | 1.2 | 1.2 | 0.67 | 1.2 | 1.2 | 0.67 |
| | 16 | 2028 | 1.000 | 0.534 | 93.1 | 93.1 | 49.7 | | | 49.7 | | | | 1.2 | 1.2 | 0.64 | 1.2 | 1.2 | 0.64 |
| 価 | 17 | 2029 | 1.000 | 0.513 | 93.1 | 93.1 | 47.8 | | | 47.8 | | | | 1.2 | 1.2 | 0.62 | 1.2 | 1.2 | 0.62 |
| | 18 | 2030 | 1.000 | 0.494 | 93.1 | 93.1 | 46.0 | | | 46.0 | | | | 1.2 | 1.2 | 0.59 | 1.2 | 1.2 | 0.59 |
| | 19 | 2031 | 1.000 | 0.475 | 93.1 | 93.1 | 44.2 | | | 44.2 | | | | 1.2 | 1.2 | 0.57 | 1.2 | 1.2 | 0.57 |
| 期 | 20 | 2032 | 1.000 | 0.456 | 93.1 | 93.1 | 42.5 | | | 42.5 | | | | 1.2 | 1.2 | 0.55 | 1.2 | 1.2 | 0.55 |
| | 21 | 2033 | 1.000 | 0.439 | 93.1 | 93.1 | 40.9 | | | 40.9 | | | | 1.2 | 1.2 | 0.53 | 1.2 | 1.2 | 0.53 |
| | 22 | 2034 | 1.000 | 0.422 | 93.1 | 93.1 | 39.3 | | | 39.3 | | | | 1.2 | 1.2 | 0.51 | 1.2 | 1.2 | 0.51 |
| 間 | 23 | 2035 | 1.000 | 0.406 | 93.1 | 93.1 | 37.8 | | | 37.8 | | | | 1.2 | 1.2 | 0.49 | 1.2 | 1.2 | 0.49 |
| | 24 | 2036 | 1.000 | 0.390 | 93.1 | 93.1 | 36.3 | | | 36.3 | | | | 1.2 | 1.2 | 0.47 | 1.2 | 1.2 | 0.47 |
| | 25 | 2037 | 1.000 | 0.375 | 93.1 | 93.1 | 34.9 | | | 34.9 | | | | 1.2 | 1.2 | 0.45 | 1.2 | 1.2 | 0.45 |
| | 26 | 2038 | 1.000 | 0.361 | 93.1 | 93.1 | 33.6 | | | 33.6 | | | | 1.2 | 1.2 | 0.43 | 1.2 | 1.2 | 0.43 |
| （ | 27 | 2039 | 1.000 | 0.347 | 93.1 | 93.1 | 32.3 | | | 32.3 | | | | 1.2 | 1.2 | 0.42 | 1.2 | 1.2 | 0.42 |
| | 28 | 2040 | 1.000 | 0.333 | 93.1 | 93.1 | 31.0 | | | 31.0 | | | | 1.2 | 1.2 | 0.40 | 1.2 | 1.2 | 0.40 |
| | 29 | 2041 | 1.000 | 0.321 | 93.1 | 93.1 | 29.9 | | | 29.9 | | | | 1.2 | 1.2 | 0.39 | 1.2 | 1.2 | 0.39 |
| 5 | 30 | 2042 | 1.000 | 0.308 | 93.1 | 93.1 | 28.7 | | | 28.7 | | | | 1.2 | 1.2 | 0.37 | 1.2 | 1.2 | 0.37 |
| 0 | 31 | 2043 | 1.000 | 0.296 | 93.1 | 93.1 | 27.6 | | | 27.6 | | | | 1.2 | 1.2 | 0.36 | 1.2 | 1.2 | 0.36 |
| | 32 | 2044 | 1.000 | 0.285 | 93.1 | 93.1 | 26.5 | | | 26.5 | | | | 1.2 | 1.2 | 0.34 | 1.2 | 1.2 | 0.34 |
| | 33 | 2045 | 1.000 | 0.274 | 93.1 | 93.1 | 25.5 | | | 25.5 | | | | 1.2 | 1.2 | 0.33 | 1.2 | 1.2 | 0.33 |
| 年 | 34 | 2046 | 1.000 | 0.264 | 93.1 | 93.1 | 24.6 | | | 24.6 | | | | 1.2 | 1.2 | 0.32 | 1.2 | 1.2 | 0.32 |
| | 35 | 2047 | 1.000 | 0.253 | 93.1 | 93.1 | 23.6 | | | 23.6 | | | | 1.2 | 1.2 | 0.30 | 1.2 | 1.2 | 0.30 |
| | 36 | 2048 | 1.000 | 0.244 | 93.1 | 93.1 | 22.7 | | | 22.7 | | | | 1.2 | 1.2 | 0.29 | 1.2 | 1.2 | 0.29 |
| | 37 | 2049 | 1.000 | 0.234 | 93.1 | 93.1 | 21.8 | | | 21.8 | | | | 1.2 | 1.2 | 0.28 | 1.2 | 1.2 | 0.28 |
| ） | 38 | 2050 | 1.000 | 0.225 | 93.1 | 93.1 | 20.9 | | | 20.9 | | | | 1.2 | 1.2 | 0.27 | 1.2 | 1.2 | 0.27 |
| | 39 | 2051 | 1.000 | 0.217 | 93.1 | 93.1 | 20.2 | | | 20.2 | | | | 1.2 | 1.2 | 0.26 | 1.2 | 1.2 | 0.26 |
| | 40 | 2052 | 1.000 | 0.208 | 93.1 | 93.1 | 19.4 | | | 19.4 | | | | 1.2 | 1.2 | 0.25 | 1.2 | 1.2 | 0.25 |
| 合計 | | | | | 4655.0 | 4655.0 | 2960.9 | 40.0 | 8.3 | 2969.2 | 452.0 | 462.0 | 695.7 | 60.5 | 60.6 | 39.0 | 512.5 | 522.6 | 734.7 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 30 |
| 総費用（億円） | C | 7.3 |
| **費用便益比** | **B／C** | **4.1** |
| 純現在価値（億円） | B－C | 23 |
| 経済的内部収益率 | | 18.8% |

# (2)調査アンケート票　1/7

## 天竜川の河川利用を推進するための取組みに関するアンケート調査のお願い

平成24年2月
国土交通省中部地方整備局
浜松河川国道事務所

謹啓

立春の候、皆さま方におかれましてはますますご健勝のことと存じます。

平素より、河川行政にご理解・ご協力を賜りまして、誠にありがとうございます。

このたび、国土交通省中部地方整備局 浜松河川国道事務所では、天竜川の河川利用を推進するための取組みに関するアンケート調査を実施することとなりました。

このアンケートは、**皆さまからご意見などをいただき、河川利用を推進するための護岸・河川敷の整備など（以下、「水辺整備の取組み」という。）今後の川づくりに役立てていくこと**を目的として、**天竜川下流域を中心とした約10km以内の地域**にお住まいの方を対象に実施させていただいております。

お忙しいところ誠に恐れ入りますが、本アンケート調査の目的をご理解いただき、ご協力くださいますようよろしくお願い申し上げます。

謹白

### ご記入にあたって

- この調査票は、あなたの**世帯の中で主な収入を得ておられる方**、またはそれに準じる方（主にその配偶者）がお答えください。
- **別添した「説明資料」をご覧いただいた上で、ご回答をお願いします。**
- この調査票にご記入いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません。**また、本調査の目的以外に使用することも決してありません。
- このアンケートには、**取組みの価値を金銭に置き換えて評価するという、皆さんにあまりなじみがない質問の内容、形式、仮定が含まれています**ことをご了承ください。（**この調査の回答をもとに税金の値上げや、あなたの世帯から実際に負担金を徴収することはございません。**）

### アンケート調査についてのお問い合わせ

- 本アンケート調査についてご不明な点がございましたら、下記までお問い合わせください。

株式会社　建設技術研究所 中部支社　河川部　　担当：川村、氷見
電話：052−218−3795
FAX：052−218−3823
（電話は土・日・祝日を除く　9：00〜17：00）

国土交通省 中部地方整備局 浜松河川国道事務所 調査第一課　　担当：佐々木、長野
電話：053−466−0116
FAX：053−466−0122
（電話は土・日・祝日を除く　8：30〜17：15）



## 天竜川の水辺整備の取組みに関するアンケート用紙

最初に、あなたと天竜川との関わりについてお尋ねします。

【問1】あなたは現在、天竜川にどれくらいの頻度で訪れていますか。あてはまる番号を1つ選び、○をつけてください。

① ほぼ毎日　　訪れる
② 週　に　1回くらい　訪れる
③ 月　に　1回くらい　訪れる
④ 年　に　1回くらい　訪れる
⑤ 1年に　1回未満（または行ったことがない）

【問2】天竜川にはどのような目的で訪れていますか。
あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 水辺の散策
② 釣り
③ 自然観察や環境学習
④ 水遊び
⑤ 運動（サッカー、野球など）
⑥ 通勤・通学・ショッピング等の通り道
⑦ その他（　　）

## (2)調査アンケート票　2/7

ここからは別添の説明資料をよくご覧ください。以下ではこの説明資料をご覧の上ご回答ください。

【問３】あなたは、天竜川の水辺整備の取組みが進められていたことをご存知でしたか。どちらかの番号に○をつけてください。

①知っていた

②知らなかった

【問４】天竜川の水辺整備の取組みを行うことで、あなたや家族にとって、何かいいこと（効果）があると思いますか。どちらかの番号に○をつけてください。

① よいことがあると思う ―→【問５】へ

② よいことがあるとは思わない ―→【問６】へ

【問５】問４で「①よいことがあると思う」に○印をつけた方に伺います。
その理由は何ですか。あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 河川・水辺に親しみやすくなる

② 河川敷に遊びに行くことができるようになる

③ 散歩や軽い運動、グラウンドの利用などができるようになる

④ あなたの親類や友人など、他の人にとってよいことである

⑤ あなたの子孫を含め、将来の世代にとってよいことである

⑥ 河川の環境がよくなることは、よいことである

⑦ その他（　　）

└→【問６】へ

アンケート　3

ここからは別添の説明資料に示すような水辺整備の取組みをした場合の効果を評価するため、下記の通り仮定をし、質問を行います。

**仮定①：「各世帯からの負担金」で取組みを行うと仮定します**

実際にはこのような取組みは税金によって実施されていますが、仮に取組みが税金ではなく、各世帯から負担金を集めて行われるような仕組みがあるとして、支払ってもよいと思う金額についてお尋ねいたします。

負担金は今の地域にお住まいの間、定期的に負担していただくことと仮定いたします。なお、支払い額によって取組みの内容が変わることはありません。

**仮定②：負担金は他の取組みには使われないと仮定します**

負担金は、この取組みの実施と維持管理のためにのみ使われ、他には一切使われないと仮定いたします。

**仮定③：これはあくまでも仮定の話です**

これは、取組みの効果を評価するための仮定の話であり、実際に世帯からの負担金を集める仕組みが考えられているものではありません。また、この回答をもって税金の値上げや負担金を集めるようなことは、一切ありません。

アンケート　4

## (2)調査アンケート票　3/7

**八幡水辺整備事業（以下、「八幡地区」という。）の取組みについて仮の質問です。**

以下では、別添した説明資料をご覧の上ご回答ください。

【問 10】「八幡地区の水辺整備の取組み」について、次の（1）～（7）に、”取組みあり”の場合の世帯の負担金の額を具体的に示します。（1）から順に取組みを行うことに反対・賛成のどちらかを選び、番号を○で囲んでください。（1）で反対を選んだ方は、次ページ問 11 で反対理由をお答えください。（2）以降で反対を選んだ方は、次ページ問 12 でそれまでの賛成理由をお答えください。なお、”取組みなし”と”取組みあり”の状況は、下の表のように仮定します。

| | 取組みなしの状況 | 取組みありの状況 |
|---|---|---|
| 天竜川・八幡地区の水辺整備の取組み | ・河川敷へ降りづらい状態でした。<br>・草木が生い茂り、水辺に近づきにくい状態でした。<br>・世帯の負担金はありません。 | ・堤防斜面を緩やかにしたり、階段の整備によって河川敷へ降りやすくなりなりました。<br>・階段護岸が整備され、水辺へ近づきやすくなりました。<br>・世帯の負担金が必要です。 |

（1）負担金が世帯あたり毎月 20 円（年間 240 円）の場合

1）反対　　2）賛成

→ 次ページ【問 11】へ

（2）負担金が世帯あたり毎月 50 円（年間 600 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ

（3）負担金が世帯あたり毎月 100 円（年間 1，200 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ

（4）負担金が世帯あたり毎月 200 円（年間 2，400 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ

（5）負担金が世帯あたり毎月 500 円（年間 6，000 円）の場合

1）反対　　2）賛成

→ 次ページ【問 12】へ　　→ 次ページ（6）へ



（6）負担金が世帯あたり毎月 1，000 円（年間 12，000 円）の場合

1）反対　　2）賛成

→ 【問 12】へ

（7）負担金が世帯あたり毎月 2，000 円（年間 24，000 円）の場合

1）反対　　2）賛成

→ 【問 12】へ　　→ 【問 12】へ

【問 11】問 10 の（1）で、「取組みに反対」とお答えになった方のみに質問します。反対の主な理由を 1 つだけ選び、番号を○で囲んでください。

1）取組みは必要だと思うが、毎月 20 円（年間 240 円）も支払う価値はないと思うから
2）たとえ支払いがなくても、この取組みを行わない方がよいと思うから
3）これだけの情報では判断できないから
4）世帯から負担金を集めるという仕組みに反対だから
5）その他（　　）

→次ページ【問 13】へ

【問 12】問 10 の（1）で、「取組みに賛成」とお答えになった方のみに質問します。賛成の主な理由を 1 つだけ選び、番号を○で囲んでください。

1）子供たちが安心して遊べるようになったから
2）水遊びなど、川にふれあうことができるようになったから
3）洪水の心配がなくなったから
4）自分たちにとっては意味がないが、他の人が払うのなら仕方がないから
5）水辺を散歩できるようになったから
6）その他（　　）

→次ページ【問 13】へ

以上で仮の質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　4/7

**八幡地区の取組み箇所の利用状況に関する質問です。**

以下では、別添した説明資料をご覧の上ご回答ください。

【問 13】最近１年間であなたや家族の八幡地区（説明資料に示す取組み場所）での利用状況に関してお答えください。

（1）最近１年間で八幡地区の取組み場所に行きましたか。どちらかの番号に○をつけてください。

① 行った　→【問 13】(2) へ

② 行っていない　→【問 14】へ

（2）八幡地区の取組み場所に行ったときに他の場所も訪れましたか。
あてはまる番号を１つ選び、番号に○をつけてください。

① 八幡地区の取組み場所に行き、他の場所は訪れなかった

② 主に別の場所に行き、ついでに八幡地区の取組み場所にも寄った

（3）八幡地区の取組み場所は、現在どのくらい利用していますか。また、取組みが行われる前はどのくらい利用していましたか。それぞれに概ねの回数を記入して下さい。

現在は、１年間に（　　）回くらい利用している

取組みが行われる前は、１年間に（　　）回くらい利用していた

（4）あなたを含めて家族で同行した人数を教えてください。
※子どもは中学生以下とします。世帯にお子様がいない場合には子どもの欄は「0（ゼロ）人」をご記入ください。

平均で大人［　　］人、子ども［　　］人

（5）訪問したときの主な交通手段を１つ選び、番号に○をつけてください。
※交通手段は通常お使いのものでお答えください。
※自転車とバスを使うなど、一度に複数の交通手段を併用する場合には主な交通手段でお答えください。

① 自家用車　② 自転車　③ 徒歩　④ バス

⑤ その他（　　）

（6）前問の交通手段での所要時間（片道）を教えてください。

約［　　］分

（7）前問の交通手段での費用（片道）を教えてください。



※交通手段でバス等の公共交通機関をお答え頂いた方のみご記入ください。
※大人１人あたりの費用（片道）をご記入ください。

約［　　］円

（8）１回の訪問における平均的な滞在時間を教えてください。

約［　　］分

以上で八幡地区の取組みに関する質問は終わりです。
次ページへお進みください

## (2)調査アンケート票　5/7

### Q　あなたご自身に関する質問です。

統計分析上の必要性から、アンケートにご協力くださったあなたご自身についてお尋ねしますが、<u>個人データとして公表されることは絶対にございません</u>ので、ご協力をお願いいたします。

【問14】あなたの性別の番号に○をつけてください。

① 男性　② 女性

【問15】あなたの年齢の番号に○をつけてください。

① １０歳代　② ２０歳代　③ ３０歳代　④ ４０歳代
⑤ ５０歳代　⑥ ６０歳代　⑦ ７０歳以上

【問16】あなたの世帯で主な収入を得ておられる方のご職業は何ですか。あてはまるものを<u>１つ</u>選び、○で囲んでください。

① 自営　② 給与所得者（会社員、公務員等）
③ 会社・団体役員　④ パート・アルバイト
⑤ 年金生活者　⑥ 学生
⑦ その他（　　）

【問17】あなたのお住まいの郵便番号をご記入ください。

郵便番号　□□□ - □□□□

アンケートー　13

### Q　このアンケートの内容についての質問です。

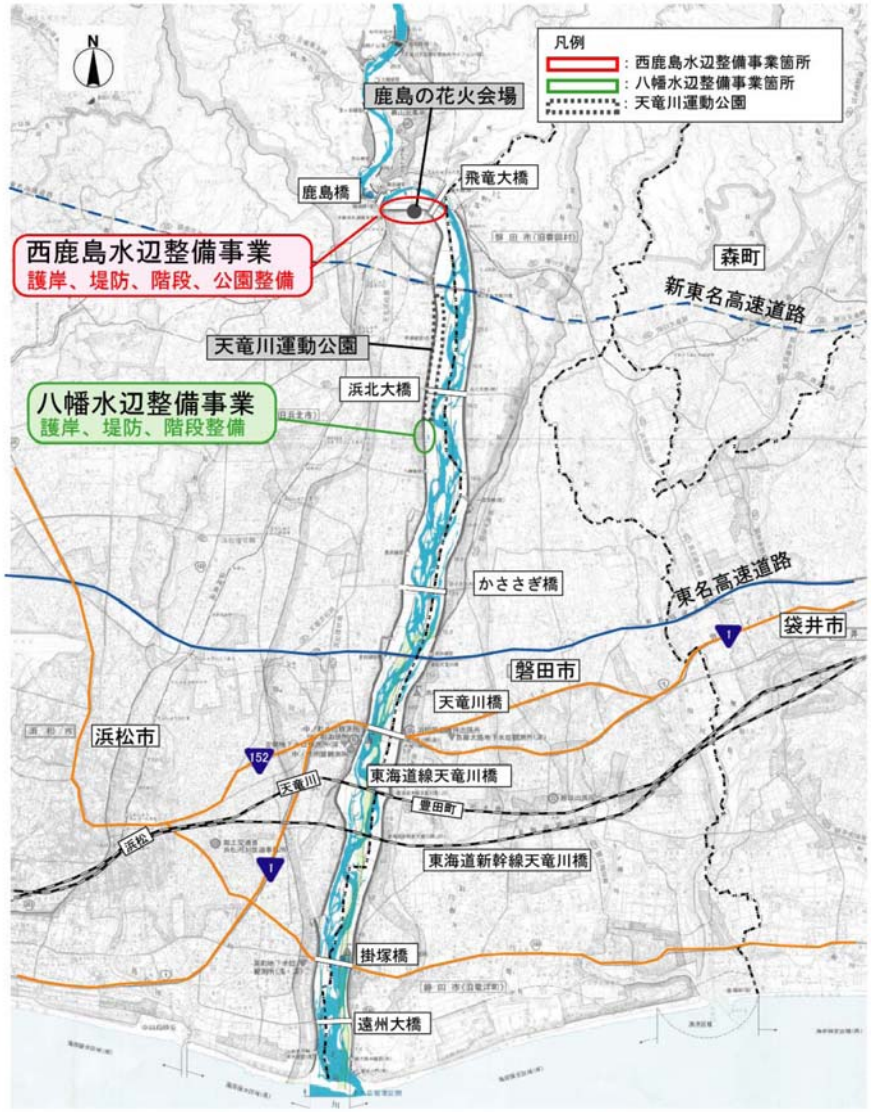
【問 18】　天竜川での取組み、本アンケート調査に対するご意見がございましたら、ご記入ください。（ご自由にお書きください）
※ない場合は「なし」とご記入してください。

アンケートー　14

## (2)調査アンケート票　6/7

### 天竜川周辺（西鹿島水辺整備事業、八幡水辺整備事業）の取組みとは？

天竜川では、水辺整備の取組みとして、「護岸・堤防・階段や公園の整備」を行っています。




環境整備箇所　位置図

説明資料

# 天竜川周辺の環境整備 －八幡水辺整備事業の 整備内容と利活用の様子

## 事業②：八幡水辺整備事業（護岸・堤防・階段整備）

### 事業の背景・目的

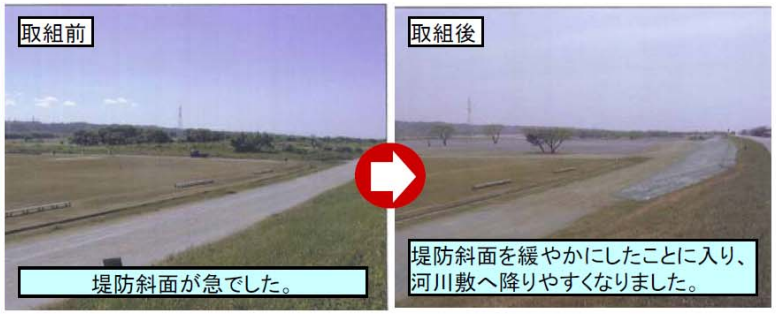
◆八幡地区は天竜川運動公園の下流端に位置しており、河川敷等の利用計画の策定にあわせ基盤整備が望まれていました。

### ◆取組み前の状況

- 河川敷へ降りづらい状態でした。
- 草木が生い茂り、水辺に近づきにくい状態でした。

### ◆取組み後の状況（H14整備完了）

- 堤防斜面を緩やかにしたり、階段の整備によって河川敷へ降りやすくなりなりました。
- 階段護岸が整備され、水辺へ近づきやすくなりました。



# ＜天竜川総合水系環境整備事業＞
# （下久堅水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 下久堅水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 70.6 | |
| | 本工事費 | | 式 | 1 | 70.6 | |
| | | 管理用通路 | m | 1,118.3 | 9.2 | |
| | | 高水護岸 | m | 282 | 34.6 | |
| | | 低水護岸 | m | 116.4 | 8.6 | |
| | | 伐木除根 | ha | 1.61 | 2.8 | |
| | | ワンド | 箇所 | 1 | 2.8 | |
| | | 階段 | 箇所 | 1 | 1.4 | |
| | | 池 | 箇所 | 1 | 1.4 | |
| | | その他工事 | 式 | 1 | 9.8 | |
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| | | | | | | |
| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 40.5 | |
| 工事諸費 | | | 式 | 1 | 6.9 | |
| 自治体費用 | | | 式 | 1 | 2.5 | |
| 事業費　計 | | | 式 | 1 | 121 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 5.6 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

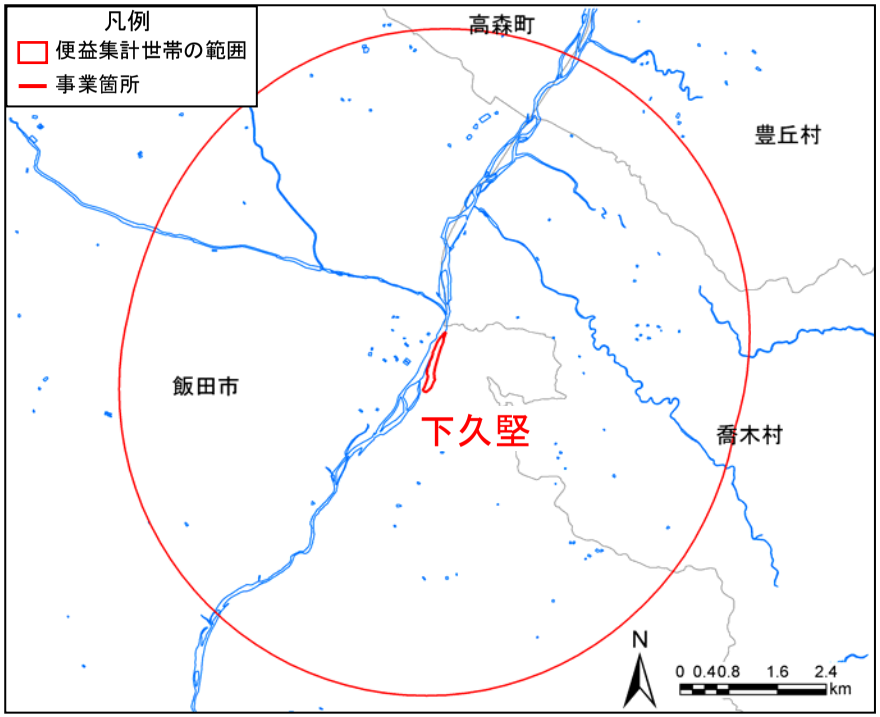
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る216票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

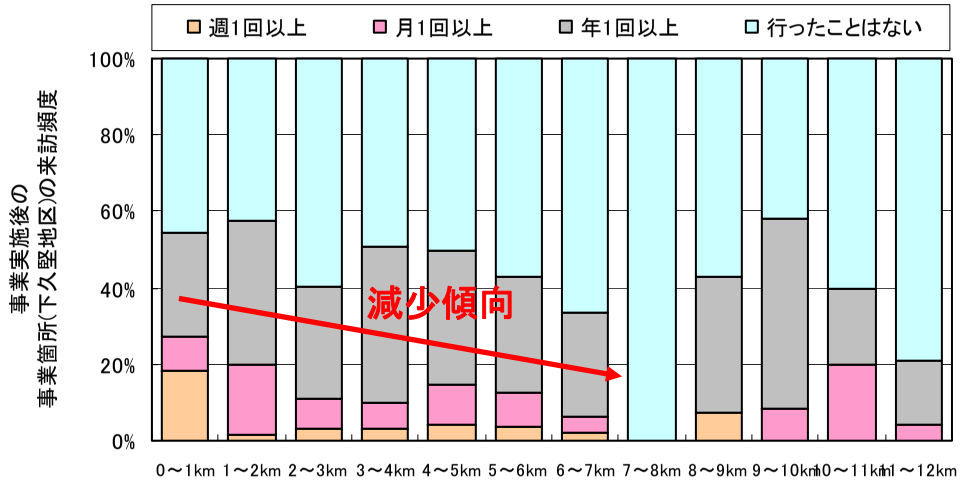
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点は7km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は26,740世帯




便益集計世帯の範囲




整備後の来訪頻度の距離別構成

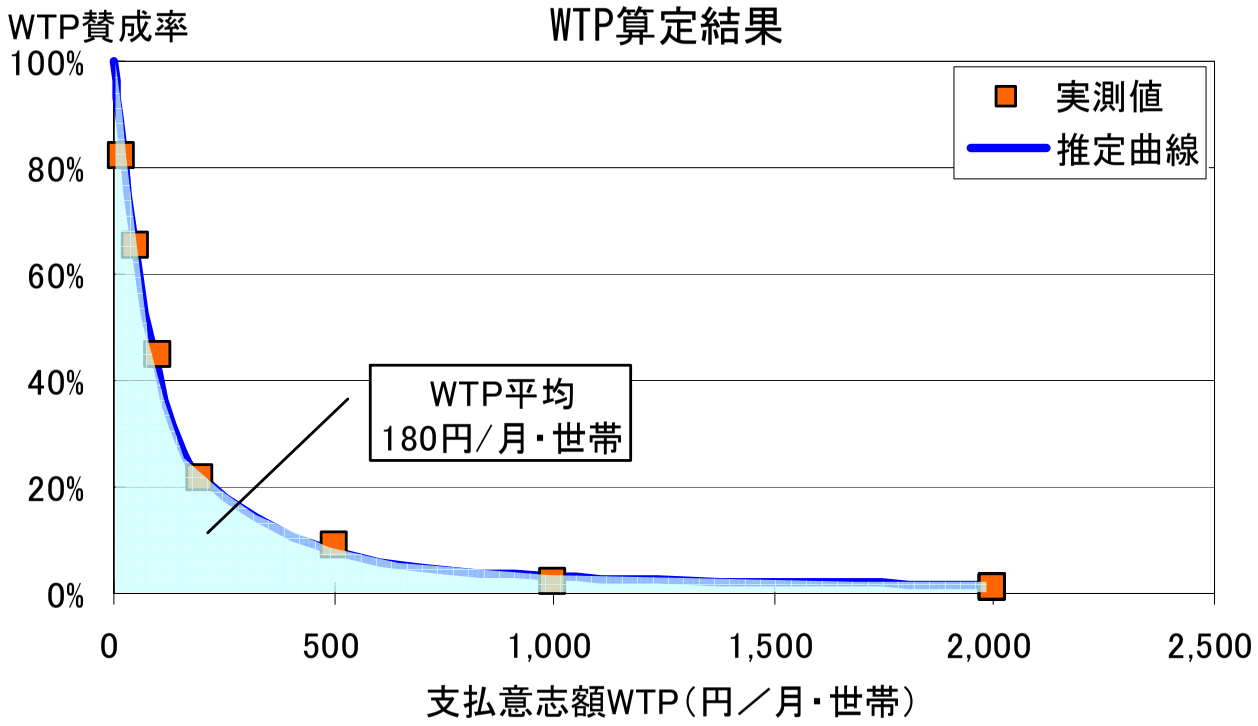
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

180円／月／世帯

『地域の住民』の年便益

年便益＝180円×１２ヶ月×26,740世帯
＝0.58億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H12) |
| 社会的割引率 | 4% |

単位:百万円

| 年度 | | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −12 | 2000 | H12 | 0.991 | 1.601 | | | | | | | | | | | | | | | |
| | −11 | 2001 | H13 | 1.016 | 1.539 | | | | | | | | | | | | | | | |
| | −10 | 2002 | H14 | 1.030 | 1.480 | | | | | | | 2.0 | 2.0 | 3.0 | | | | 2.0 | 2.0 | 3.0 |
| | −9 | 2003 | H15 | 1.030 | 1.423 | | | | | | | 118.5 | 122.0 | 174.0 | | | | 118.5 | 122.0 | 174.0 |
| 施設完成後の期間 | −8 | 2004 | H16 | 1.026 | 1.369 | 57.8 | 57.8 | 79.0 | | | 79.0 | | | | 0.21 | 0.21 | 0.29 | 0.205 | 0.210 | 0.290 |
| | −7 | 2005 | H17 | 1.021 | 1.316 | 57.8 | 57.8 | 76.0 | | | 76.0 | | | | 0.21 | 0.21 | 0.28 | 0.205 | 0.210 | 0.280 |
| | −6 | 2006 | H18 | 1.010 | 1.265 | 57.8 | 57.8 | 73.1 | | | 73.1 | | | | 0.21 | 0.21 | 0.26 | 0.205 | 0.210 | 0.260 |
| | −5 | 2007 | H19 | 0.994 | 1.217 | 57.8 | 57.8 | 70.3 | | | 70.3 | | | | 0.18 | 0.18 | 0.22 | 0.18 | 0.18 | 0.22 |
| | −4 | 2008 | H20 | 0.965 | 1.170 | 57.8 | 57.8 | 67.6 | | | 67.6 | | | | 0.18 | 0.17 | 0.20 | 0.18 | 0.17 | 0.20 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 57.8 | 57.8 | 65.0 | | | 65.0 | | | | 0.18 | 0.18 | 0.20 | 0.18 | 0.18 | 0.20 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 57.8 | 57.8 | 62.5 | | | 62.5 | | | | 0.18 | 0.18 | 0.19 | 0.18 | 0.18 | 0.19 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 57.8 | 57.8 | 60.1 | | | 60.1 | | | | 0.18 | 0.18 | 0.19 | 0.18 | 0.18 | 0.19 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 57.8 | 57.8 | 57.8 | | | 57.8 | | | | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 57.8 | 57.8 | 55.5 | | | 55.5 | | | | 0.18 | 0.18 | 0.17 | 0.18 | 0.18 | 0.17 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 57.8 | 57.8 | 53.4 | | | 53.4 | | | | 0.18 | 0.18 | 0.17 | 0.18 | 0.18 | 0.17 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 57.8 | 57.8 | 51.3 | | | 51.3 | | | | 0.18 | 0.18 | 0.16 | 0.18 | 0.18 | 0.16 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 57.8 | 57.8 | 49.4 | | | 49.4 | | | | 0.18 | 0.18 | 0.15 | 0.18 | 0.18 | 0.15 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 57.8 | 57.8 | 47.5 | | | 47.5 | | | | 0.18 | 0.18 | 0.15 | 0.18 | 0.18 | 0.15 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 57.8 | 57.8 | 45.6 | | | 45.6 | | | | 0.18 | 0.18 | 0.14 | 0.18 | 0.18 | 0.14 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 57.8 | 57.8 | 43.9 | | | 43.9 | | | | 0.18 | 0.18 | 0.14 | 0.18 | 0.18 | 0.14 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 57.8 | 57.8 | 42.2 | | | 42.2 | | | | 0.18 | 0.18 | 0.13 | 0.18 | 0.18 | 0.13 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 57.8 | 57.8 | 40.6 | | | 40.6 | | | | 0.18 | 0.18 | 0.13 | 0.18 | 0.18 | 0.13 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 57.8 | 57.8 | 39.0 | | | 39.0 | | | | 0.18 | 0.18 | 0.12 | 0.18 | 0.18 | 0.12 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 57.8 | 57.8 | 37.5 | | | 37.5 | | | | 0.18 | 0.18 | 0.12 | 0.18 | 0.18 | 0.12 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 57.8 | 57.8 | 36.1 | | | 36.1 | | | | 0.18 | 0.18 | 0.11 | 0.18 | 0.18 | 0.11 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 57.8 | 57.8 | 34.7 | | | 34.7 | | | | 0.18 | 0.18 | 0.11 | 0.18 | 0.18 | 0.11 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 57.8 | 57.8 | 33.4 | | | 33.4 | | | | 0.18 | 0.18 | 0.10 | 0.18 | 0.18 | 0.10 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 57.8 | 57.8 | 32.1 | | | 32.1 | | | | 0.18 | 0.18 | 0.10 | 0.18 | 0.18 | 0.10 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 57.8 | 57.8 | 30.8 | | | 30.8 | | | | 0.18 | 0.18 | 0.10 | 0.18 | 0.18 | 0.10 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 57.8 | 57.8 | 29.7 | | | 29.7 | | | | 0.18 | 0.18 | 0.09 | 0.18 | 0.18 | 0.09 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 57.8 | 57.8 | 28.5 | | | 28.5 | | | | 0.18 | 0.18 | 0.09 | 0.18 | 0.18 | 0.09 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 57.8 | 57.8 | 27.4 | | | 27.4 | | | | 0.18 | 0.18 | 0.09 | 0.18 | 0.18 | 0.09 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 57.8 | 57.8 | 26.4 | | | 26.4 | | | | 0.18 | 0.18 | 0.08 | 0.18 | 0.18 | 0.08 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 57.8 | 57.8 | 25.3 | | | 25.3 | | | | 0.18 | 0.18 | 0.08 | 0.18 | 0.18 | 0.08 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 57.8 | 57.8 | 24.4 | | | 24.4 | | | | 0.18 | 0.18 | 0.08 | 0.18 | 0.18 | 0.08 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 57.8 | 57.8 | 23.4 | | | 23.4 | | | | 0.18 | 0.18 | 0.07 | 0.18 | 0.18 | 0.07 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 57.8 | 57.8 | 22.5 | | | 22.5 | | | | 0.18 | 0.18 | 0.07 | 0.18 | 0.18 | 0.07 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 57.8 | 57.8 | 21.7 | | | 21.7 | | | | 0.18 | 0.18 | 0.07 | 0.18 | 0.18 | 0.07 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 57.8 | 57.8 | 20.8 | | | 20.8 | | | | 0.18 | 0.18 | 0.06 | 0.18 | 0.18 | 0.06 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 57.8 | 57.8 | 20.0 | | | 20.0 | | | | 0.18 | 0.18 | 0.06 | 0.18 | 0.18 | 0.06 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 57.8 | 57.8 | 19.3 | | | 19.3 | | | | 0.18 | 0.18 | 0.06 | 0.18 | 0.18 | 0.06 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 57.8 | 57.8 | 18.5 | | | 18.5 | | | | 0.18 | 0.18 | 0.06 | 0.18 | 0.18 | 0.06 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 57.8 | 57.8 | 17.8 | | | 17.8 | | | | 0.18 | 0.18 | 0.06 | 0.18 | 0.18 | 0.06 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 57.8 | 57.8 | 17.1 | | | 17.1 | | | | 0.18 | 0.18 | 0.05 | 0.18 | 0.18 | 0.05 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 57.8 | 57.8 | 16.5 | | | 16.5 | | | | 0.18 | 0.18 | 0.05 | 0.18 | 0.18 | 0.05 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 57.8 | 57.8 | 15.8 | | | 15.8 | | | | 0.18 | 0.18 | 0.05 | 0.18 | 0.18 | 0.05 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 57.8 | 57.8 | 15.2 | | | 15.2 | | | | 0.18 | 0.18 | 0.05 | 0.18 | 0.18 | 0.05 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 57.8 | 57.8 | 14.6 | | | 14.6 | | | | 0.18 | 0.18 | 0.05 | 0.18 | 0.18 | 0.05 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 57.8 | 57.8 | 14.1 | | | 14.1 | | | | 0.18 | 0.18 | 0.04 | 0.18 | 0.18 | 0.04 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 57.8 | 57.8 | 13.5 | | | 13.5 | | | | 0.18 | 0.18 | 0.04 | 0.18 | 0.18 | 0.04 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 57.8 | 57.8 | 13.0 | | | 13.0 | | | | 0.18 | 0.18 | 0.04 | 0.18 | 0.18 | 0.04 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 57.8 | 57.8 | 12.5 | | | 12.5 | | | | 0.18 | 0.18 | 0.04 | 0.18 | 0.18 | 0.04 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 57.8 | 57.8 | 12.0 | | | 12.0 | | | | 0.18 | 0.18 | 0.04 | 0.18 | 0.18 | 0.04 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 57.8 | 57.8 | 11.6 | 5.5 | 1.1 | 12.7 | | | | 0.18 | 0.18 | 0.04 | 0.18 | 0.18 | 0.04 |
| 合計 | | | | | | 2,887.9 | 2,887.9 | 1,766.0 | 5.5 | 1.1 | 1,767.1 | 120.5 | 124.0 | 177.0 | 9.1 | 9.1 | 5.6 | 129.6 | 133.1 | 182.6 |

| | | |
|---|---|---|
| 総便益 | B | 1,767 |
| 総費用 | C | 183 |
| 費用便益比 | B/C | 9.7 |

## (2)調査アンケート票　1/4

### 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

**アンケートにご協力いただく皆様方へ**

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、天竜川河川敷において、飯田市と協力して、平成 13～14 年度は飯田市下久堅地区で、平成 18～19 年度は座光寺地区で、『地域の方々が安全に川に近づき水とふれあえるための取り組み』を行いました。

本アンケート調査は、

**飯田市座光寺地区と下久堅地区の天竜川河川敷で行われた取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

#### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

#### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265−81−6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03−3988−2632（土曜・休祝日を除く）
FAX：03−3988−3662

### ～アンケート用紙～

下久・座光ー＿＿＿ー＿＿＿

まず、あなたの天竜川との関わりについてお尋ねします。

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1) よく知っており、よく行く（概ね月１回以上）。
2) よく知っており、たびたび行く（概ね年数回程度）。
3) 知っており、たまに行く（概ね年１回程度）。
4) 知っているが、ほとんど行かない。
5) 初めて知った。

続いて、飯田市下久堅地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

【問7】あなたは、飯田市下久堅地区で説明資料に示したような取り組みによる工事が開始される前（11 年位前：平成 12 年頃）に、飯田市下久堅地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## (2)調査アンケート票　2/4

| | 取り組み前<br>（11 年くらい前：平成 12 年以前） | 取り組み後（最近 1 年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週 1 回以上<br>2）月 1 回以上<br>3）年 1 回以上<br>→【下記②～⑤の設問の後、問 8 以降へ】<br>4）行ったことはない<br>→【問 8 以降へ】<br>で［　　］回くらい | 1）週 1 回以上<br>2）月 1 回以上<br>3）年 1 回以上<br>→【下記②～⑤の設問の後、問 8 以降へ】<br>4）行きたいと思わない<br>→【問 8 以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的<br>（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）マレットゴルフ<br>6）ラフティング<br>7）川に関するイベント<br>8）通勤などの日常生活<br>9）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）マレットゴルフ<br>6）ラフティング<br>7）川に関するイベント<br>8）通勤などの日常生活<br>9）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄っていない<br>2）他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問8】あなたは、飯田市下久堅地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を1つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

## (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

飯田市下久堅地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・堤防や河川敷に草木が生い茂り、安全に川に近づくことができず、景観もよくありません。また、環境学習などの場として利用できる場所もありません。<br>・あなたの世帯の負担金はありません。 | ・マレットゴルフ場や親水護岸などの整備により、安全に川に親しみながら運動できるようになります。また、環境学習などの場として利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問9】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を１つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月 20 円（年間あたり 240 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１０】へ

(2)世帯あたり毎月 50 円（年間あたり 600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１１】へ

(3)世帯あたり毎月 100 円（年間あたり 1,200 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１１】へ

(4)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１１】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１１】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１１】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問１１】へ　→【問１１】へ

【問10】問9の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を１つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問11】問9で1度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を1つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）川や水辺で遊んだり、釣りを楽しんだりできるようになったから
3）生物観察などの環境学習の場となるから
4）散策やマレットゴルフの場所として利用できるようになるから
5）景観がよくなるから
6）人が交流できる場となり、地域の活性化に役立つから
7）洪水の心配がなくなるから
8）河川の環境が良くなること自体がいいことだから
9）他の人や将来の世代にとっていいことだから
10）他の世帯も支払うのであれば仕方がないと思うから
11）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問12】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を1つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を1つ、○で囲んで下さい。

1）20代　　2）30代　　3）40代　　4）50代
5）60代　　6）70代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿

【問13】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問4、9はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （座光寺水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 座光寺水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 195.0 | |
| | 本工事費 | | 式 | 1 | 195.0 | |
| | | 高水敷整備 | 箇所 | 1 | 7.7 | |
| | | 親水池 | 箇所 | 1 | 10.4 | |
| | | 護岸整備 | m | 446 | 151.1 | |
| | | その他工事 | 式 | 1 | 25.8 | |
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| | | | | | | |
| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 112 | |
| 工事諸費 | | | 式 | 1 | 37.1 | |
| 自治体費用 | | | 式 | 1 | 15 | |
| 事業費　計 | | | 式 | 1 | 359 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 8.3 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

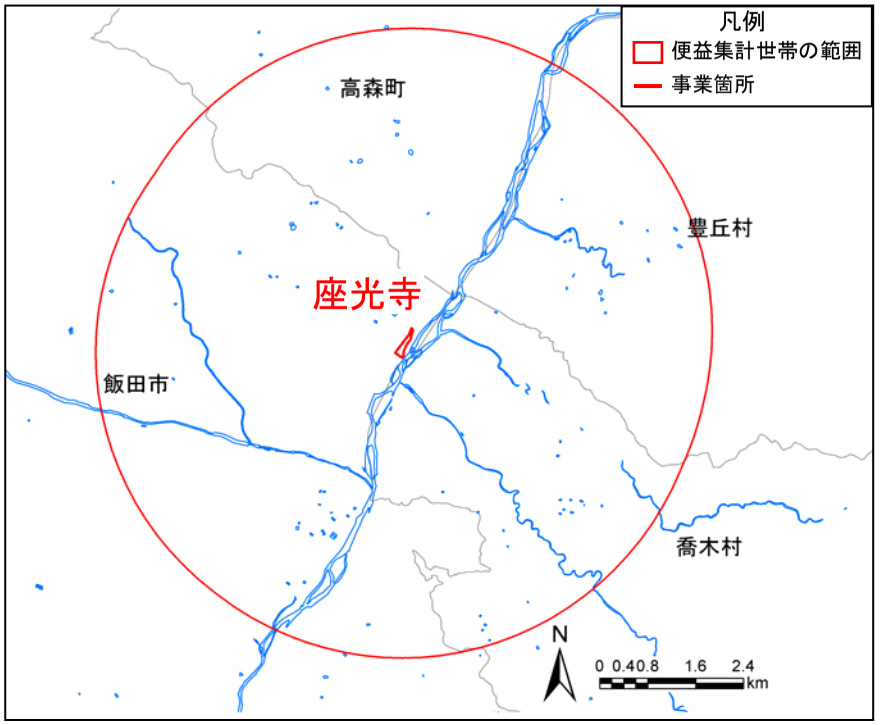
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用<br>可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の<br>設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの<br>実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る385票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

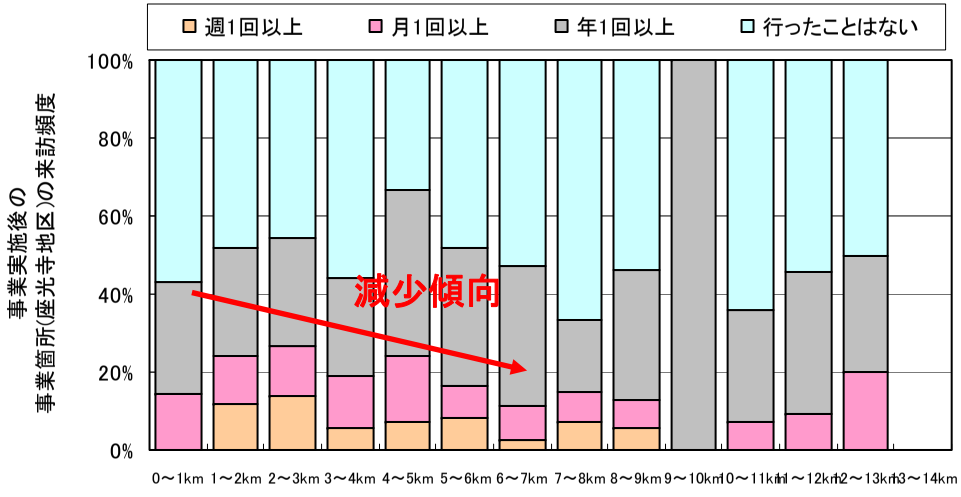
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点は7km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は24,013世帯




便益集計世帯の範囲




整備後の来訪頻度の距離別構成

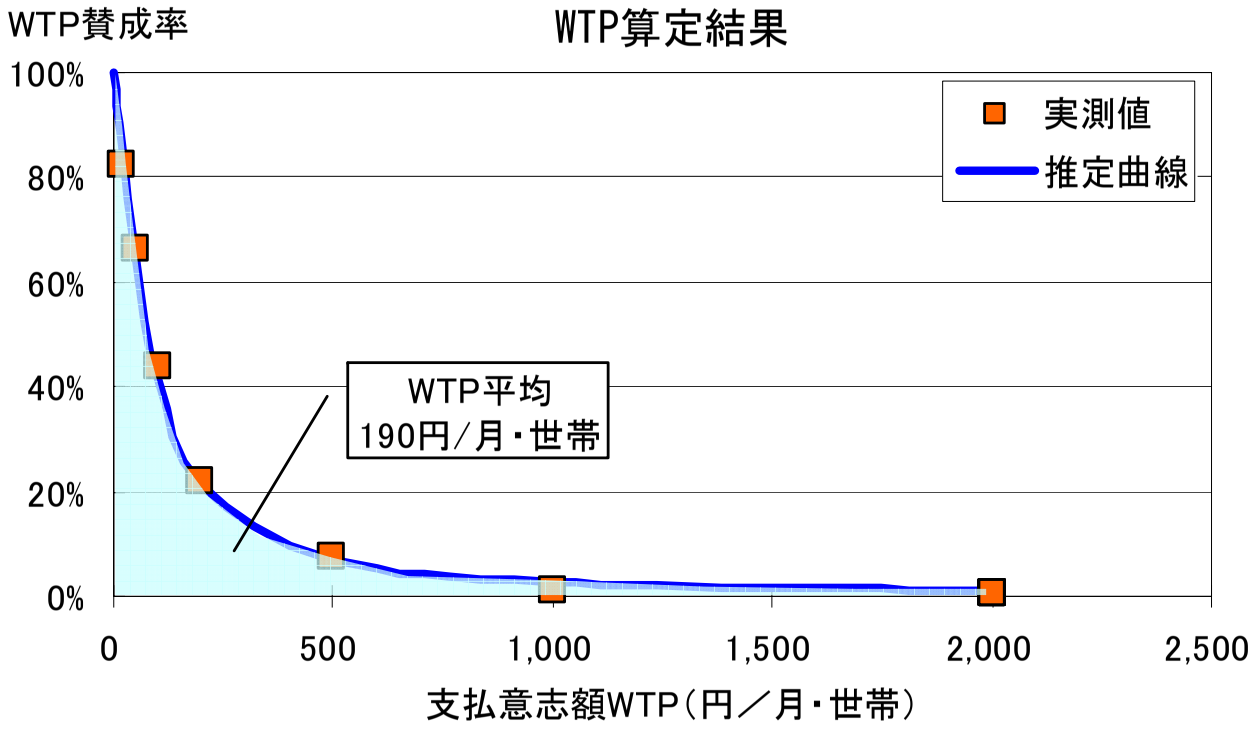
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

190円／月／世帯

『地域の住民』の年便益

年便益＝190円×１２ヶ月×24,013世帯
＝0.55億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H12) |
| 社会的割引率 | 4% |

単位:百万円

| | 年度 | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −8 | 2004 | H16 | 1.026 | 1.369 | | | | | | | | | | | | | | | |
| | −7 | 2005 | H17 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | −6 | 2006 | H18 | 1.010 | 1.265 | | | | | | | 101.0 | 102.0 | 129.1 | | | | 101.0 | 102.0 | 129.1 |
| | −5 | 2007 | H19 | 0.994 | 1.217 | | | | | | | 258.0 | 256.5 | 312.1 | | | | 258.0 | 256.5 | 312.1 |
| 施設完成後の期間 | −4 | 2008 | H20 | 0.965 | 1.170 | 54.7 | 54.7 | 64.0 | | | 64.0 | | | | 0.32 | 0.31 | 0.36 | 0.32 | 0.31 | 0.36 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 54.7 | 54.7 | 61.6 | | | 61.6 | | | | 0.32 | 0.32 | 0.36 | 0.32 | 0.32 | 0.36 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 54.7 | 54.7 | 59.2 | | | 59.2 | | | | 0.32 | 0.32 | 0.35 | 0.32 | 0.32 | 0.35 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 54.7 | 54.7 | 56.9 | | | 56.9 | | | | 0.32 | 0.32 | 0.33 | 0.32 | 0.32 | 0.33 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 54.7 | 54.7 | 54.7 | | | 54.7 | | | | 0.32 | 0.32 | 0.32 | 0.32 | 0.32 | 0.32 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 54.7 | 54.7 | 52.6 | | | 52.6 | | | | 0.32 | 0.32 | 0.31 | 0.32 | 0.32 | 0.31 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 54.7 | 54.7 | 50.6 | | | 50.6 | | | | 0.32 | 0.32 | 0.30 | 0.32 | 0.32 | 0.30 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 54.7 | 54.7 | 48.7 | | | 48.7 | | | | 0.32 | 0.32 | 0.28 | 0.32 | 0.32 | 0.28 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 54.7 | 54.7 | 46.8 | | | 46.8 | | | | 0.32 | 0.32 | 0.27 | 0.32 | 0.32 | 0.27 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 54.7 | 54.7 | 45.0 | | | 45.0 | | | | 0.32 | 0.32 | 0.26 | 0.32 | 0.32 | 0.26 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 54.7 | 54.7 | 43.3 | | | 43.3 | | | | 0.32 | 0.32 | 0.25 | 0.32 | 0.32 | 0.25 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 54.7 | 54.7 | 41.6 | | | 41.6 | | | | 0.32 | 0.32 | 0.24 | 0.32 | 0.32 | 0.24 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 54.7 | 54.7 | 40.0 | | | 40.0 | | | | 0.32 | 0.32 | 0.23 | 0.32 | 0.32 | 0.23 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 54.7 | 54.7 | 38.5 | | | 38.5 | | | | 0.32 | 0.32 | 0.22 | 0.32 | 0.32 | 0.22 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 54.7 | 54.7 | 37.0 | | | 37.0 | | | | 0.32 | 0.32 | 0.22 | 0.32 | 0.32 | 0.22 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 54.7 | 54.7 | 35.6 | | | 35.6 | | | | 0.32 | 0.32 | 0.21 | 0.32 | 0.32 | 0.21 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 54.7 | 54.7 | 34.2 | | | 34.2 | | | | 0.32 | 0.32 | 0.20 | 0.32 | 0.32 | 0.20 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 54.7 | 54.7 | 32.9 | | | 32.9 | | | | 0.32 | 0.32 | 0.19 | 0.32 | 0.32 | 0.19 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 54.7 | 54.7 | 31.6 | | | 31.6 | | | | 0.32 | 0.32 | 0.18 | 0.32 | 0.32 | 0.18 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 54.7 | 54.7 | 30.4 | | | 30.4 | | | | 0.32 | 0.32 | 0.18 | 0.32 | 0.32 | 0.18 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 54.7 | 54.7 | 29.2 | | | 29.2 | | | | 0.32 | 0.32 | 0.17 | 0.32 | 0.32 | 0.17 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 54.7 | 54.7 | 28.1 | | | 28.1 | | | | 0.32 | 0.32 | 0.16 | 0.32 | 0.32 | 0.16 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 54.7 | 54.7 | 27.0 | | | 27.0 | | | | 0.32 | 0.32 | 0.16 | 0.32 | 0.32 | 0.16 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 54.7 | 54.7 | 26.0 | | | 26.0 | | | | 0.32 | 0.32 | 0.15 | 0.32 | 0.32 | 0.15 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 54.7 | 54.7 | 25.0 | | | 25.0 | | | | 0.32 | 0.32 | 0.15 | 0.32 | 0.32 | 0.15 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 54.7 | 54.7 | 24.0 | | | 24.0 | | | | 0.32 | 0.32 | 0.14 | 0.32 | 0.32 | 0.14 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 54.7 | 54.7 | 23.1 | | | 23.1 | | | | 0.32 | 0.32 | 0.14 | 0.32 | 0.32 | 0.14 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 54.7 | 54.7 | 22.2 | | | 22.2 | | | | 0.32 | 0.32 | 0.13 | 0.32 | 0.32 | 0.13 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 54.7 | 54.7 | 21.4 | | | 21.4 | | | | 0.32 | 0.32 | 0.12 | 0.32 | 0.32 | 0.12 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 54.7 | 54.7 | 20.5 | | | 20.5 | | | | 0.32 | 0.32 | 0.12 | 0.32 | 0.32 | 0.12 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 54.7 | 54.7 | 19.7 | | | 19.7 | | | | 0.32 | 0.32 | 0.12 | 0.32 | 0.32 | 0.12 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 54.7 | 54.7 | 19.0 | | | 19.0 | | | | 0.32 | 0.32 | 0.11 | 0.32 | 0.32 | 0.11 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 54.7 | 54.7 | 18.3 | | | 18.3 | | | | 0.32 | 0.32 | 0.11 | 0.32 | 0.32 | 0.11 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 54.7 | 54.7 | 17.6 | | | 17.6 | | | | 0.32 | 0.32 | 0.10 | 0.32 | 0.32 | 0.10 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 54.7 | 54.7 | 16.9 | | | 16.9 | | | | 0.32 | 0.32 | 0.10 | 0.32 | 0.32 | 0.10 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 54.7 | 54.7 | 16.2 | | | 16.2 | | | | 0.32 | 0.32 | 0.09 | 0.32 | 0.32 | 0.09 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 54.7 | 54.7 | 15.6 | | | 15.6 | | | | 0.32 | 0.32 | 0.09 | 0.32 | 0.32 | 0.09 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 54.7 | 54.7 | 15.0 | | | 15.0 | | | | 0.32 | 0.32 | 0.09 | 0.32 | 0.32 | 0.09 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 54.7 | 54.7 | 14.4 | | | 14.4 | | | | 0.32 | 0.32 | 0.08 | 0.32 | 0.32 | 0.08 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 54.7 | 54.7 | 13.9 | | | 13.9 | | | | 0.32 | 0.32 | 0.08 | 0.32 | 0.32 | 0.08 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 54.7 | 54.7 | 13.3 | | | 13.3 | | | | 0.32 | 0.32 | 0.08 | 0.32 | 0.32 | 0.08 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 54.7 | 54.7 | 12.8 | | | 12.8 | | | | 0.32 | 0.32 | 0.07 | 0.32 | 0.32 | 0.07 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 54.7 | 54.7 | 12.3 | | | 12.3 | | | | 0.32 | 0.32 | 0.07 | 0.32 | 0.32 | 0.07 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 54.7 | 54.7 | 11.9 | | | 11.9 | | | | 0.32 | 0.32 | 0.07 | 0.32 | 0.32 | 0.07 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 54.7 | 54.7 | 11.4 | | | 11.4 | | | | 0.32 | 0.32 | 0.07 | 0.32 | 0.32 | 0.07 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 54.7 | 54.7 | 11.0 | | | 11.0 | | | | 0.32 | 0.32 | 0.06 | 0.32 | 0.32 | 0.06 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 54.7 | 54.7 | 10.5 | | | 10.5 | | | | 0.32 | 0.32 | 0.06 | 0.32 | 0.32 | 0.06 |
| | 43 | 2055 | H67 | 1.000 | 0.185 | 54.7 | 54.7 | 10.1 | | | 10.1 | | | | 0.32 | 0.32 | 0.06 | 0.32 | 0.32 | 0.06 |
| | 44 | 2056 | H68 | 1.000 | 0.178 | 54.7 | 54.7 | 9.7 | | | 9.7 | | | | 0.32 | 0.32 | 0.06 | 0.32 | 0.32 | 0.06 |
| | 45 | 2057 | H69 | 1.000 | 0.171 | 54.7 | 54.7 | 9.4 | 17.9 | 3.1 | 12.5 | | | | 0.32 | 0.32 | 0.05 | 0.32 | 0.32 | 0.05 |
| 合計 | | | | | | 2,737.5 | 2,737.5 | 1,430.7 | 17.9 | 3.1 | 1,433.8 | 359 | 359 | 441 | 16.0 | 16.0 | 8.3 | 375.0 | 374.5 | 449.5 |

| | | |
|---|---|---|
| 総便益 | B | 1,434 |
| 総費用 | C | 450 |
| 費用便益比 | B/C | 3.2 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

**アンケートにご協力いただく皆様方へ**

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、天竜川河川敷において、飯田市と協力して、平成 13～14 年度は飯田市下久堅地区で、平成 18～19 年度は座光寺地区で、『地域の方々が安全に川に近づき水とふれあえるための取り組み』を行いました。

本アンケート調査は、

**飯田市座光寺地区と下久堅地区の天竜川河川敷で行われた取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265－81－6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03－3988－2632（土曜・休祝日を除く）
FAX：03－3988－3662

## ～アンケート用紙～

下久・座光ー＿＿＿ー＿＿＿

**まず、あなたの天竜川との関わりについてお尋ねします。**

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1) よく知っており、よく行く（概ね月１回以上）。
2) よく知っており、たびたび行く（概ね年数回程度）。
3) 知っており、たまに行く（概ね年１回程度）。
4) 知っているが、ほとんど行かない。
5) 初めて知った。

**続いて、飯田市座光寺地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。**

【問2】あなたは、飯田市座光寺地区で説明資料に示したような取り組みによる工事が開始される前（６年位前：平成１７年頃）に、飯田市座光寺地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## (2)調査アンケート票　2/4

| | 取り組み前<br>（6年くらい前：平成17年以前） | 取り組み後（最近1年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問3以降へ】<br>4）行ったことはない<br>→【問3以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問3以降へ】<br>4）行きたいと思わない<br>→【問3以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）マレットゴルフ<br>6）川に関するイベント<br>7）通勤などの日常生活<br>8）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）マレットゴルフ<br>6）川に関するイベント<br>7）通勤などの日常生活<br>8）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄っていない<br>2）他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問3】あなたは、飯田市座光寺地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を1つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

# (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

飯田市座光寺地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・河川敷は荒地で、安全に川に近づくことができません。また、環境学習などの場として利用できる場所もありません。<br>・あなたの世帯の負担金はありません。 | ・マレットゴルフ場や親水護岸などの整備により、安全に川に親しみながら運動できるようになります。また、環境学習などの場として利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問4】 次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を1つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月20円（年間あたり240円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問5】へ

(2)世帯あたり毎月50円（年間あたり600円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問6】へ

(3)世帯あたり毎月100円（年間あたり1,200円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問6】へ

(4)世帯あたり毎月200円（年間あたり2,400円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問6】へ

(5)世帯あたり毎月500円（年間あたり6,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問6】へ

(6)世帯あたり毎月1,000円（年間あたり12,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問6】へ

(7)世帯あたり毎月2,000円（年間あたり24,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問6】へ　→【問11】へ

【問5】 問4の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を1つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問6】問4で1度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を1つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）散策やマレットゴルフの場所として利用できるようになるから
3）生物観察などの環境学習の場となるから
4）景観がよくなるから
5）人が交流できる場となり、地域の活性化に役立つから
6）洪水の心配がなくなるから
7）河川の環境が良くなること自体がいいことだから
8）他の人や将来の世代にとっていいことだから
9）他の世帯も支払うのであれば仕方がないと思うから
10）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問12】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を1つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を1つ、○で囲んで下さい。

1）20代　　2）30代　　3）40代　　4）50代
5）60代　　6）70代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

【問13】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問4、9はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （河野水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 河野水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 74 | |
| | 本工事費 | | 式 | 1 | 74.0 | |
| | | 緩傾斜提工 | m | 150 | 21.3 | |
| | | 高水敷整正 | $m^2$ | 18,000 | 9.7 | |
| | | 護岸植生工 | m | 400 | 5.0 | |
| | | 捨石、覆土による水際改良工 | m | 300 | 14.7 | |
| | | ワンド | 箇所 | 1 | 2.5 | |
| | | その他工事 | 式 | 1 | 20.8 | |
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| | | | | | | |
| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 11.7 | |
| 工事諸費 | | | 式 | 1 | 9.3 | |
| 自治体費用 | | | 式 | 1 | 48 | |
| 事業費　計 | | | 式 | 1 | 143 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 30.5 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

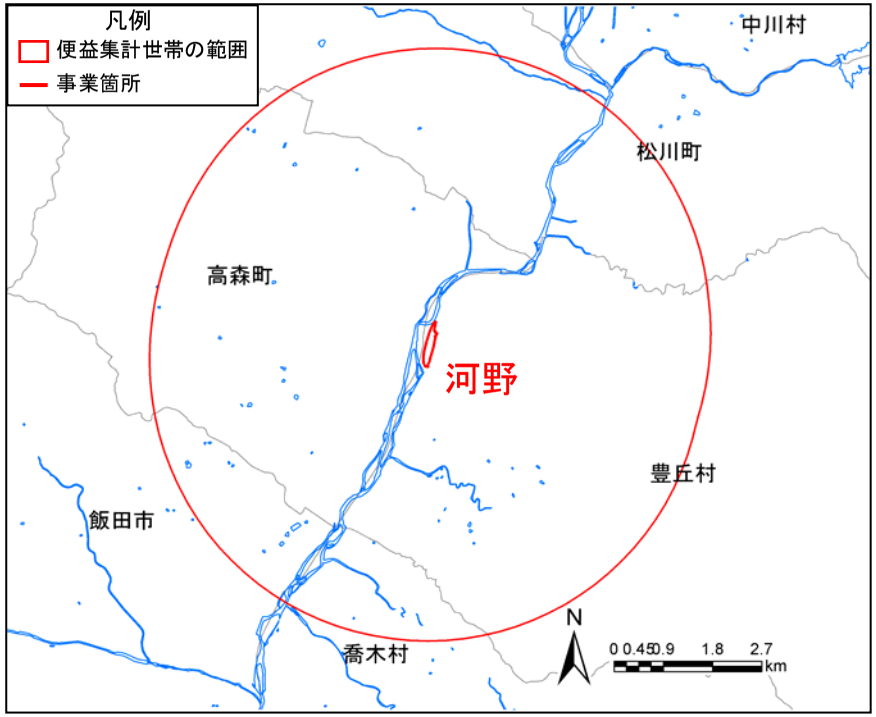
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る304票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

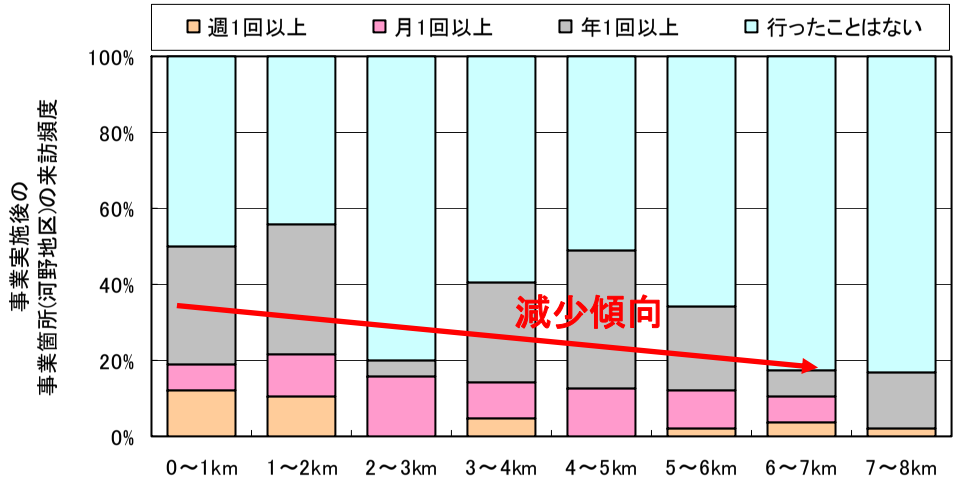
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点は7km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は8,809世帯




便益集計世帯の範囲




整備後の来訪頻度の距離別構成

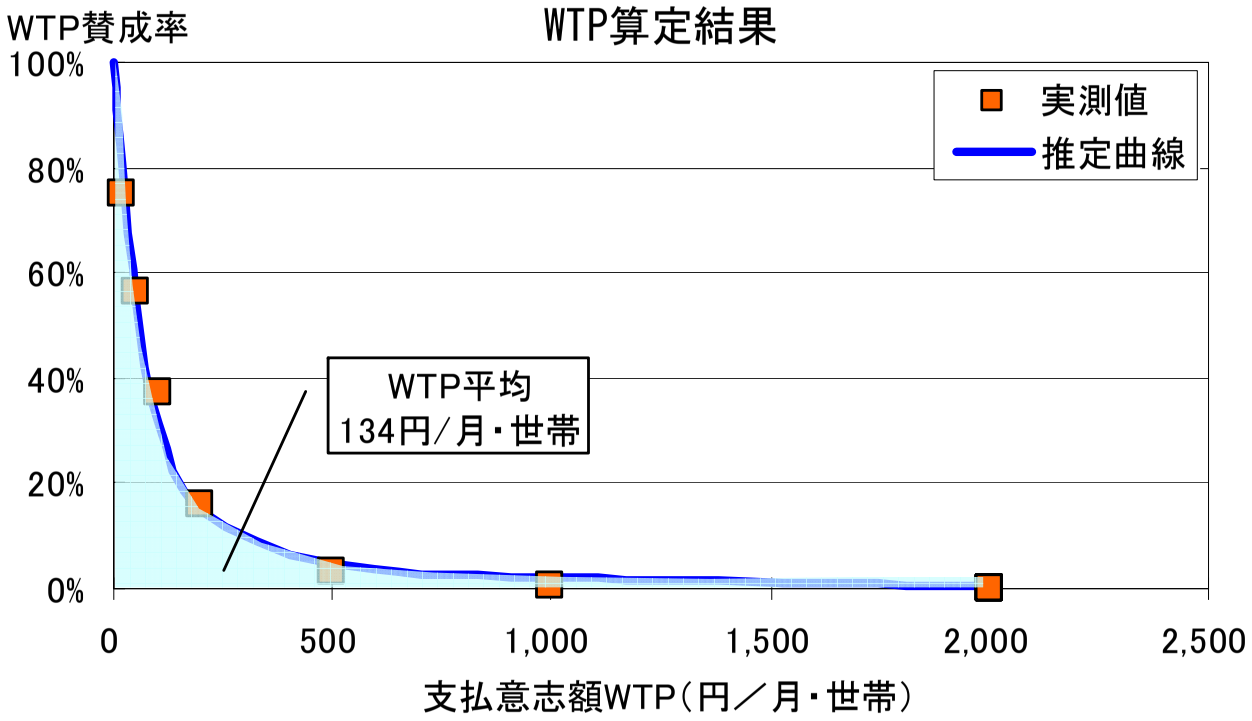
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

134円／月／世帯

『地域の住民』の年便益

年便益＝134円×１２ヶ月×8,809世帯
＝0.14億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H12) |
| 社会的割引率 | 4% |

単位:百万円

| | 年度 | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −16 | 1996 | H8 | 0.963 | 1.873 | | | | | | | | | | | | | | | |
| | −15 | 1997 | H9 | 0.959 | 1.801 | | | | | | | 22.0 | 21.1 | 38.0 | | | | 22.0 | 21.1 | 38.0 |
| | −14 | 1998 | H10 | 0.979 | 1.732 | | | | | | | 99.6 | 97.5 | 168.8 | | | | 99.6 | 97.5 | 168.8 |
| | −13 | 1999 | H11 | 0.989 | 1.665 | | | | | | | 20.9 | 20.7 | 34.4 | | | | 20.9 | 20.7 | 34.4 |
| 施設完成後の期間 | −12 | 2000 | H12 | 0.991 | 1.601 | 14.2 | 14.0 | 22.7 | | | 22.7 | | | | 1.3 | 1.3 | 2.1 | 1.3 | 1.3 | 2.1 |
| | −11 | 2001 | H13 | 1.016 | 1.539 | 14.2 | 14.4 | 21.8 | | | 21.8 | | | | 1.3 | 1.3 | 2.0 | 1.3 | 1.3 | 2.0 |
| | −10 | 2002 | H14 | 1.030 | 1.480 | 14.2 | 14.6 | 21.0 | | | 21.0 | | | | 1.3 | 1.3 | 2.0 | 1.3 | 1.3 | 2.0 |
| | −9 | 2003 | H15 | 1.030 | 1.423 | 14.2 | 14.6 | 20.2 | | | 20.2 | | | | 1.3 | 1.3 | 1.9 | 1.3 | 1.3 | 1.9 |
| | −8 | 2004 | H16 | 1.026 | 1.369 | 14.2 | 14.2 | 19.4 | | | 19.4 | | | | 1.3 | 1.3 | 1.8 | 1.3 | 1.3 | 1.8 |
| | −7 | 2005 | H17 | 1.021 | 1.316 | 14.2 | 14.2 | 18.6 | | | 18.6 | | | | 1.3 | 1.3 | 1.8 | 1.3 | 1.3 | 1.8 |
| | −6 | 2006 | H18 | 1.010 | 1.265 | 14.2 | 14.2 | 17.9 | | | 17.9 | | | | 1.3 | 1.3 | 1.7 | 1.3 | 1.3 | 1.7 |
| | −5 | 2007 | H19 | 0.994 | 1.217 | 14.2 | 14.2 | 17.2 | | | 17.2 | | | | 0.67 | 0.67 | 0.81 | 0.67 | 0.67 | 0.81 |
| | −4 | 2008 | H20 | 0.965 | 1.170 | 14.2 | 14.2 | 16.6 | | | 16.6 | | | | 0.67 | 0.65 | 0.76 | 0.67 | 0.65 | 0.76 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 14.2 | 14.2 | 15.9 | | | 15.9 | | | | 0.67 | 0.67 | 0.75 | 0.67 | 0.67 | 0.75 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 14.2 | 14.2 | 15.3 | | | 15.3 | | | | 0.67 | 0.67 | 0.72 | 0.67 | 0.67 | 0.72 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 14.2 | 14.2 | 14.7 | | | 14.7 | | | | 0.67 | 0.67 | 0.70 | 0.67 | 0.67 | 0.70 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 14.2 | 14.2 | 14.2 | | | 14.2 | | | | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 14.2 | 14.2 | 13.6 | | | 13.6 | | | | 0.67 | 0.67 | 0.64 | 0.67 | 0.67 | 0.64 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 14.2 | 14.2 | 13.1 | | | 13.1 | | | | 0.67 | 0.67 | 0.62 | 0.67 | 0.67 | 0.62 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 14.2 | 14.2 | 12.6 | | | 12.6 | | | | 0.67 | 0.67 | 0.60 | 0.67 | 0.67 | 0.60 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 14.2 | 14.2 | 12.1 | | | 12.1 | | | | 0.67 | 0.67 | 0.57 | 0.67 | 0.67 | 0.57 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 14.2 | 14.2 | 11.6 | | | 11.6 | | | | 0.67 | 0.67 | 0.55 | 0.67 | 0.67 | 0.55 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 14.2 | 14.2 | 11.2 | | | 11.2 | | | | 0.67 | 0.67 | 0.53 | 0.67 | 0.67 | 0.53 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 14.2 | 14.2 | 10.8 | | | 10.8 | | | | 0.67 | 0.67 | 0.51 | 0.67 | 0.67 | 0.51 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 14.2 | 14.2 | 10.4 | | | 10.4 | | | | 0.67 | 0.67 | 0.49 | 0.67 | 0.67 | 0.49 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 14.2 | 14.2 | 10.0 | | | 10.0 | | | | 0.67 | 0.67 | 0.47 | 0.67 | 0.67 | 0.47 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 14.2 | 14.2 | 9.6 | | | 9.6 | | | | 0.67 | 0.67 | 0.45 | 0.67 | 0.67 | 0.45 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 14.2 | 14.2 | 9.2 | | | 9.2 | | | | 0.67 | 0.67 | 0.44 | 0.67 | 0.67 | 0.44 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 14.2 | 14.2 | 8.8 | | | 8.8 | | | | 0.67 | 0.67 | 0.42 | 0.67 | 0.67 | 0.42 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 14.2 | 14.2 | 8.5 | | | 8.5 | | | | 0.67 | 0.67 | 0.40 | 0.67 | 0.67 | 0.40 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 14.2 | 14.2 | 8.2 | | | 8.2 | | | | 0.67 | 0.67 | 0.39 | 0.67 | 0.67 | 0.39 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 14.2 | 14.2 | 7.9 | | | 7.9 | | | | 0.67 | 0.67 | 0.37 | 0.67 | 0.67 | 0.37 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 14.2 | 14.2 | 7.6 | | | 7.6 | | | | 0.67 | 0.67 | 0.36 | 0.67 | 0.67 | 0.36 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 14.2 | 14.2 | 7.3 | | | 7.3 | | | | 0.67 | 0.67 | 0.34 | 0.67 | 0.67 | 0.34 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 14.2 | 14.2 | 7.0 | | | 7.0 | | | | 0.67 | 0.67 | 0.33 | 0.67 | 0.67 | 0.33 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 14.2 | 14.2 | 6.7 | | | 6.7 | | | | 0.67 | 0.67 | 0.32 | 0.67 | 0.67 | 0.32 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 14.2 | 14.2 | 6.5 | | | 6.5 | | | | 0.67 | 0.67 | 0.31 | 0.67 | 0.67 | 0.31 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 14.2 | 14.2 | 6.2 | | | 6.2 | | | | 0.67 | 0.67 | 0.29 | 0.67 | 0.67 | 0.29 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 14.2 | 14.2 | 6.0 | | | 6.0 | | | | 0.67 | 0.67 | 0.28 | 0.67 | 0.67 | 0.28 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 14.2 | 14.2 | 5.7 | | | 5.7 | | | | 0.67 | 0.67 | 0.27 | 0.67 | 0.67 | 0.27 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 14.2 | 14.2 | 5.5 | | | 5.5 | | | | 0.67 | 0.67 | 0.26 | 0.67 | 0.67 | 0.26 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 14.2 | 14.2 | 5.3 | | | 5.3 | | | | 0.67 | 0.67 | 0.25 | 0.67 | 0.67 | 0.25 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 14.2 | 14.2 | 5.1 | | | 5.1 | | | | 0.67 | 0.67 | 0.24 | 0.67 | 0.67 | 0.24 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 14.2 | 14.2 | 4.9 | | | 4.9 | | | | 0.67 | 0.67 | 0.23 | 0.67 | 0.67 | 0.23 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 14.2 | 14.2 | 4.7 | | | 4.7 | | | | 0.67 | 0.67 | 0.22 | 0.67 | 0.67 | 0.22 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 14.2 | 14.2 | 4.5 | | | 4.5 | | | | 0.67 | 0.67 | 0.21 | 0.67 | 0.67 | 0.21 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 14.2 | 14.2 | 4.4 | | | 4.4 | | | | 0.67 | 0.67 | 0.21 | 0.67 | 0.67 | 0.21 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 14.2 | 14.2 | 4.2 | | | 4.2 | | | | 0.67 | 0.67 | 0.20 | 0.67 | 0.67 | 0.20 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 14.2 | 14.2 | 4.0 | | | 4.0 | | | | 0.67 | 0.67 | 0.19 | 0.67 | 0.67 | 0.19 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 14.2 | 14.2 | 3.9 | | | 3.9 | | | | 0.67 | 0.67 | 0.18 | 0.67 | 0.67 | 0.18 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 14.2 | 14.2 | 3.7 | | | 3.7 | | | | 0.67 | 0.67 | 0.18 | 0.67 | 0.67 | 0.18 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 14.2 | 14.2 | 3.6 | | | 3.6 | | | | 0.67 | 0.67 | 0.17 | 0.67 | 0.67 | 0.17 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 14.2 | 14.2 | 3.5 | | | 3.5 | | | | 0.67 | 0.67 | 0.16 | 0.67 | 0.67 | 0.16 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 14.2 | 14.2 | 3.3 | 8.2 | 1.9 | 5.2 | | | | 0.67 | 0.67 | 0.16 | 0.67 | 0.67 | 0.16 |
| 合計 | | | | | | 708.2 | 709.2 | 506.7 | 8.2 | 1.9 | 508.6 | 142.5 | 139.3 | 241.2 | 38.0 | 37.9 | 30.5 | 180.5 | 177.2 | 271.7 |

| | | |
|---|---|---|
| 総便益 | B | 509 |
| 総費用 | C | 272 |
| 費用便益比 | B/C | 1.9 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

アンケートにご協力いただく皆様方へ

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、高森町と協力して、平成18～19年度にかけて、高森町万年橋地区の天竜川河川敷において、『地域の方々が安全に川に近づき水とふれあえるための取り組み』を行いました。

また、豊丘村と協力して、平成9～10年度にかけて、豊丘村河野地区の天竜川河川敷において、『地域の小学校の児童に、河川の持つ良好で多様な環境を教育の場として提供するための取り組み』を行いました。

本アンケート調査は、

**高森町万年橋地区の天竜川河川敷で行われた取り組み、豊丘村河野地区の天竜川河川敷で行われた取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265−81−6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03−3988−2632（土曜・休祝日を除く）
FAX：03−3988−3662

## ～アンケート用紙～

万年・河野ー＿＿＿ー＿＿＿

まず、あなたの天竜川との関わりについてお尋ねします。

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1) よく知っており、よく行く（概ね月１回以上）。
2) よく知っており、たびたび行く（概ね年数回程度）。
3) 知っており、たまに行く（概ね年１回程度）。
4) 知っているが、ほとんど行かない。
5) 初めて知った。

続いて、豊丘村河野地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

【問7】あなたは、豊丘村河野地区で説明資料に示したような取り組みによる工事が開始される前（15年位前：平成８年頃）に、豊丘村河野地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## (2)調査アンケート票　2/4

### 天竜川上流における河川環境整備について

説明資料

**～万年橋地区と河野地区の環境改善の取り組み～**

天竜川の万年橋地区・河野地区の河川敷において、『地域の方々が川を知り、安全に水とふれあい、人とふれあえる取り組み』を行ないました。河野地区の河川敷は『水辺の楽校（がっこう）』として子供たちの自然体験学習の場としても活用されています。

天竜川上流位置図

事業実施箇所地図（万年橋地区、河野地区）

#### ■ 整備内容と利用・管理状況について

**万年橋地区：河川敷に下りる階段の整備**

堤防から河川敷に下りる階段を整備しました。
整備後は、カヌーなどの拠点として利用されています。

**河野地区：ワンドや植栽、公園などの整備**

豊丘村と協力して、荒地であった河川敷や水際を整正し、ワンド（水のたまり）や植栽などを整備しました。
整備後は、マレットゴルフや川に親しむの場として利用され、地域住民の方々の憩いの場となっています。
また、平成８年には『水辺の楽校』が開校し、自然体験学習など環境教育の場としても利用されています。

| | 取り組み前（15年くらい前：平成8年以前） | 取り組み後（最近1年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問8以降へ】<br>4）行ったことはない<br>→【問8以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問8以降へ】<br>4）行きたいと思わない<br>→【問8以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）マレットゴルフ<br>6）川に関するイベント<br>7）通勤などの日常生活<br>8）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）マレットゴルフ<br>6）川に関するイベント<br>7）通勤などの日常生活<br>8）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄っていない<br>2）他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問8】あなたは、豊丘村河野地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を１つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

# (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

豊丘村河野地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・水際の段差が大きく、崩れやすくなっており、安全に川に近づくことができません。また、環境学習などの場として利用できる場所もありません。<br>・あなたの世帯の負担金はありません。 | ・河川敷と水際が整備され、安全に川に親しむことができるようになります。また、『水辺の楽校』として環境学習などの場として利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問9】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を1つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月20円（年間あたり240円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問10】へ　／　2）賛成

(2)世帯あたり毎月50円（年間あたり600円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問11】へ　／　2）賛成

(3)世帯あたり毎月100円（年間あたり1,200円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問11】へ　／　2）賛成

(4)世帯あたり毎月200円（年間あたり2,400円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問11】へ　／　2）賛成

(5)世帯あたり毎月500円（年間あたり6,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問11】へ　／　2）賛成

(6)世帯あたり毎月1,000円（年間あたり12,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問11】へ　／　2）賛成

(7)世帯あたり毎月2,000円（年間あたり24,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問11】へ　／　2）賛成 → 【問11】へ

【問10】問9の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を1つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問11】問9で1度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を1つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）散策やマレットゴルフの場所として利用できるようになるから
3）生物観察などの環境学習の場となるから
4）魚類をはじめ、多くの生物がすめるようになるから
5）景観がよくなるから
6）人が交流できる場となり、地域の活性化に役立つから
7）洪水の心配がなくなるから
8）河川の環境が良くなること自体がいいことだから
9）他の人や将来の世代にとっていいことだから
10）他の世帯も支払うのであれば仕方がないと思うから
11）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問12】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を1つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を1つ、○で囲んで下さい。

1）20代　　2）30代　　3）40代　　4）50代
5）60代　　6）70代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿

【問13】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問4、9はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （万年橋水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 万年橋水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 5.0 | |
| | 本工事費 | | 式 | 1 | 5.0 | |
| | | 階段護岸 | m | 20 | 5.0 | |
| | | | | | | |
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| | | | | | | |
| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 3.0 | |
| 工事諸費 | | | 式 | 1 | 1.0 | |
| 自治体費用 | | | 式 | 1 | 0 | |
| 事業費　計 | | | 式 | 1 | 9.0 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 0.51 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

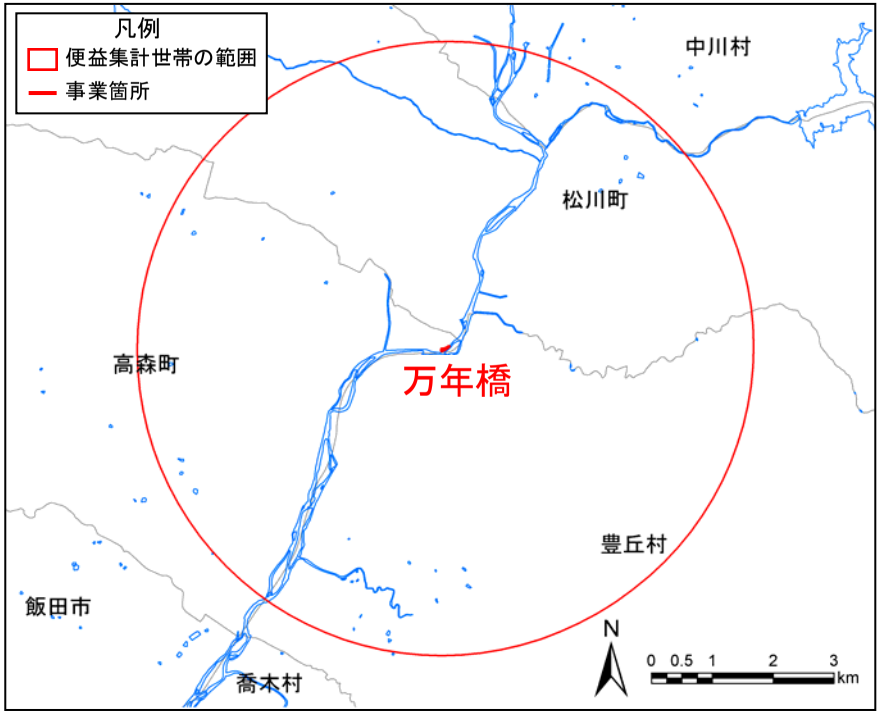
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」(平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る221票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

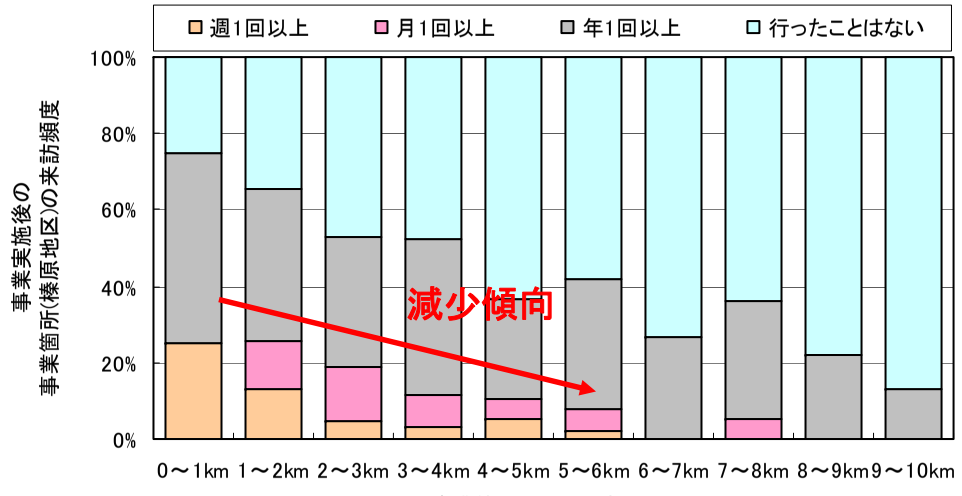
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点である5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は5,868世帯




便益集計世帯の範囲




整備後の来訪頻度の距離別構成

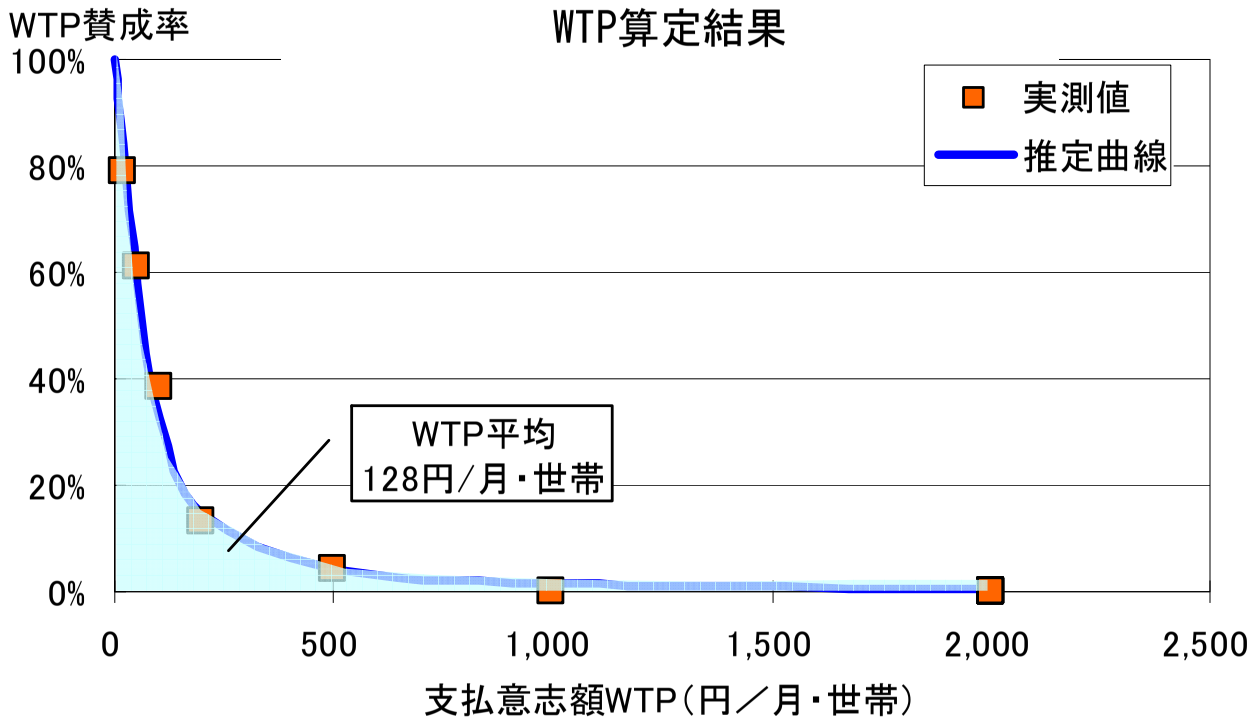
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

128円／月／世帯

『地域の住民』の年便益

年便益＝128円×１２ヶ月×5,868世帯
＝0.09億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2008 (H20) |
| 社会的割引率 | 4% |

単位:百万円

| 年度 | | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −8 | 2004 | H16 | 1.026 | 1.369 | | | | | | | | | | | | | | | |
| | −7 | 2005 | H17 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | −6 | 2006 | H18 | 1.010 | 1.265 | | | | | | | | | | | | | | | |
| | −5 | 2007 | H19 | 0.994 | 1.217 | | | | | | | 9.0 | 8.9 | 10.9 | | | | 9.0 | 8.9 | 10.9 |
| 施設完成後の期間 | −4 | 2008 | H20 | 0.965 | 1.170 | 9.0 | 9.0 | 10.5 | | | 10.5 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 9.0 | 9.0 | 10.1 | | | 10.1 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 9.0 | 9.0 | 9.7 | | | 9.7 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 9.0 | 9.0 | 9.4 | | | 9.4 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 9.0 | 9.0 | 9.0 | | | 9.0 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 9.0 | 9.0 | 8.7 | | | 8.7 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 9.0 | 9.0 | 8.3 | | | 8.3 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 9.0 | 9.0 | 8.0 | | | 8.0 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 9.0 | 9.0 | 7.7 | | | 7.7 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 9.0 | 9.0 | 7.4 | | | 7.4 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 9.0 | 9.0 | 7.1 | | | 7.1 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 9.0 | 9.0 | 6.8 | | | 6.8 | | | | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 9.0 | 9.0 | 6.6 | | | 6.6 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 9.0 | 9.0 | 6.3 | | | 6.3 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 9.0 | 9.0 | 6.1 | | | 6.1 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 9.0 | 9.0 | 5.9 | | | 5.9 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 9.0 | 9.0 | 5.6 | | | 5.6 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 9.0 | 9.0 | 5.4 | | | 5.4 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 9.0 | 9.0 | 5.2 | | | 5.2 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 9.0 | 9.0 | 5.0 | | | 5.0 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 9.0 | 9.0 | 4.8 | | | 4.8 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 9.0 | 9.0 | 4.6 | | | 4.6 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 9.0 | 9.0 | 4.4 | | | 4.4 | | | | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 9.0 | 9.0 | 4.3 | | | 4.3 | | | | 0.02 | 0.02 | 0.009 | 0.02 | 0.02 | 0.01 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 9.0 | 9.0 | 4.1 | | | 4.1 | | | | 0.02 | 0.02 | 0.009 | 0.02 | 0.02 | 0.01 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 9.0 | 9.0 | 4.0 | | | 4.0 | | | | 0.02 | 0.02 | 0.009 | 0.02 | 0.02 | 0.01 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 9.0 | 9.0 | 3.8 | | | 3.8 | | | | 0.02 | 0.02 | 0.008 | 0.02 | 0.02 | 0.01 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 9.0 | 9.0 | 3.7 | | | 3.7 | | | | 0.02 | 0.02 | 0.008 | 0.02 | 0.02 | 0.01 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 9.0 | 9.0 | 3.5 | | | 3.5 | | | | 0.02 | 0.02 | 0.008 | 0.02 | 0.02 | 0.01 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 9.0 | 9.0 | 3.4 | | | 3.4 | | | | 0.02 | 0.02 | 0.008 | 0.02 | 0.02 | 0.01 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 9.0 | 9.0 | 3.3 | | | 3.3 | | | | 0.02 | 0.02 | 0.007 | 0.02 | 0.02 | 0.01 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 9.0 | 9.0 | 3.1 | | | 3.1 | | | | 0.02 | 0.02 | 0.007 | 0.02 | 0.02 | 0.01 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 9.0 | 9.0 | 3.0 | | | 3.0 | | | | 0.02 | 0.02 | 0.007 | 0.02 | 0.02 | 0.01 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 9.0 | 9.0 | 2.9 | | | 2.9 | | | | 0.02 | 0.02 | 0.006 | 0.02 | 0.02 | 0.01 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 9.0 | 9.0 | 2.8 | | | 2.8 | | | | 0.02 | 0.02 | 0.006 | 0.02 | 0.02 | 0.01 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 9.0 | 9.0 | 2.7 | | | 2.7 | | | | 0.02 | 0.02 | 0.006 | 0.02 | 0.02 | 0.01 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 9.0 | 9.0 | 2.6 | | | 2.6 | | | | 0.02 | 0.02 | 0.006 | 0.02 | 0.02 | 0.01 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 9.0 | 9.0 | 2.5 | | | 2.5 | | | | 0.02 | 0.02 | 0.005 | 0.02 | 0.02 | 0.01 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 9.0 | 9.0 | 2.4 | | | 2.4 | | | | 0.02 | 0.02 | 0.005 | 0.02 | 0.02 | 0.01 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 9.0 | 9.0 | 2.3 | | | 2.3 | | | | 0.02 | 0.02 | 0.005 | 0.02 | 0.02 | 0.01 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 9.0 | 9.0 | 2.2 | | | 2.2 | | | | 0.02 | 0.02 | 0.005 | 0.02 | 0.02 | 0.01 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 9.0 | 9.0 | 2.1 | | | 2.1 | | | | 0.02 | 0.02 | 0.005 | 0.02 | 0.02 | 0.01 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 9.0 | 9.0 | 2.0 | | | 2.0 | | | | 0.02 | 0.02 | 0.005 | 0.02 | 0.02 | 0.01 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 9.0 | 9.0 | 2.0 | | | 2.0 | | | | 0.02 | 0.02 | 0.004 | 0.02 | 0.02 | 0.004 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 9.0 | 9.0 | 1.9 | | | 1.9 | | | | 0.02 | 0.02 | 0.004 | 0.02 | 0.02 | 0.004 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 9.0 | 9.0 | 1.8 | | | 1.8 | | | | 0.02 | 0.02 | 0.004 | 0.02 | 0.02 | 0.004 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 9.0 | 9.0 | 1.7 | | | 1.7 | | | | 0.02 | 0.02 | 0.004 | 0.02 | 0.02 | 0.004 |
| | 43 | 2055 | H67 | 1.000 | 0.185 | 9.0 | 9.0 | 1.7 | | | 1.7 | | | | 0.02 | 0.02 | 0.004 | 0.02 | 0.02 | 0.004 |
| | 44 | 2056 | H68 | 1.000 | 0.178 | 9.0 | 9.0 | 1.6 | | | 1.6 | | | | 0.02 | 0.02 | 0.004 | 0.02 | 0.02 | 0.004 |
| | 45 | 2057 | H69 | 1.000 | 0.171 | 9.0 | 9.0 | 1.5 | 0.5 | 0.09 | 1.6 | | | | 0.02 | 0.02 | 0.003 | 0.02 | 0.02 | 0.003 |
| 合計 | | | | | | 450.7 | 450.7 | 235.5 | 0.5 | 0.09 | 235.6 | 9.0 | 8.9 | 10.9 | 1.0 | 1.0 | 0.51 | 10.0 | 9.9 | 11.4 |

| | | |
|---|---|---|
| 総便益 | B | 236 |
| 総費用 | C | 11 |
| 費用便益比 | B/C | 21 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

アンケートにご協力いただく皆様方へ

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、高森町と協力して、平成18～19年度にかけて、高森町万年橋地区の天竜川河川敷において、『地域の方々が安全に川に近づき水とふれあえるための取り組み』を行いました。

また、豊丘村と協力して、平成9～10年度にかけて、豊丘村河野地区の天竜川河川敷において、『地域の小学校の児童に、河川の持つ良好で多様な環境を教育の場として提供するための取り組み』を行いました。

本アンケート調査は、

高森町万年橋地区の天竜川河川敷で行われた取り組み、豊丘村河野地区の天竜川河川敷で行われた取り組みの効果を金額に置き換えて評価することを目的として実施するものであり、本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265−81−6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03−3988−2632（土曜・休祝日を除く）
FAX：03−3988−3662

## ～アンケート用紙～

万年・河野ー＿＿＿ー＿＿＿

まず、あなたの天竜川との関わりについてお尋ねします。

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

続いて、高森町万年橋地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

【問2】あなたは、高森町万年橋地区で説明資料に示したような取り組みによる工事が開始される前（６年位前：平成17年頃）に、高森町万年橋地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## (2)調査アンケート票　2/4

# 天竜川上流における河川環境整備について

説明資料

## ～万年橋地区と河野地区の環境改善の取り組み～

天竜川の万年橋地区・河野地区の河川敷において、『地域の方々が川を知り、安全に水とふれあい、人とふれあえる取り組み』を行ないました。河野地区の河川敷は『水辺の楽校（がっこう）』として子供たちの自然体験学習の場としても活用されています。



天竜川上流位置図　　事業実施箇所地図（万年橋地区、河野地区）

## ■ 整備内容と利用・管理状況について

### 万年橋地区：河川敷に下りる階段の整備

堤防から河川敷に下りる階段を整備しました。
整備後は、カヌーなどの拠点として利用されています。



### 河野地区：ワンドや植栽、公園などの整備

豊丘村と協力して、荒地であった河川敷や水際を整正し、ワンド（水のたまり）や植栽などを整備しました。
整備後は、マレットゴルフや川に親しむの場として利用され、地域住民の方々の憩いの場となっています。
また、平成８年には『水辺の楽校』が開校し、自然体験学習など環境教育の場としても利用されています。



| | 取り組み前<br>（6 年くらい前：平成 17 年以前） | 取り組み後（最近 1 年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週 1 回以上<br>2）月 1 回以上<br>3）年 1 回以上<br>→【下記②～⑤の設問の後、問 3 以降へ】<br>4）行ったことはない<br>→【問 3 以降へ】<br>で［　　］回くらい | 1）週 1 回以上<br>2）月 1 回以上<br>3）年 1 回以上<br>→【下記②～⑤の設問の後、問 3 以降へ】<br>4）行きたいと思わない<br>→【問 3 以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）川に関するイベント<br>6）通勤などの日常生活<br>7）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）川に関するイベント<br>6）通勤などの日常生活<br>7）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄っていない<br>2）他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問3】あなたは、高森町万年橋地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を１つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

# (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

高森町万年橋地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・堤防には階段がなく、カヌーや環境学習などの場として利用することができません。<br>・あなたの世帯の負担金はありません。 | ・堤防に階段を整備することで、安全に川に下りることができるようになり、カヌーや環境学習などの場としても利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問4】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を１つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月 20 円（年間あたり 240 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問5】へ

(2)世帯あたり毎月 50 円（年間あたり 600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(3)世帯あたり毎月 100 円（年間あたり 1,200 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(4)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ　→【問6】へ

【問5】問4の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を１つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問6】問４で１度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を１つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）河川敷でスポーツ等ができるようになるから
3）生物観察などの環境学習の場となるから
4）景観がよくなるから
5）人が交流できる場となり、地域の活性化に役立つから
6）洪水の心配がなくなるから
7）河川の環境が良くなること自体がいいことだから
8）他の人や将来の世代にとっていいことだから
9）他の世帯も支払うのであれば仕方がないと思うから
10）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問12】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を１つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を１つ、○で囲んで下さい。

1）20 代　　2）30 代　　3）40 代　　4）50 代
5）60 代　　6）70 代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を１つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

【問13】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問４、９はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （田島水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 田島水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 71.9 | |
| | 本工事費 | | 式 | 1 | 71.9 | |
| | | 階段護岸 | m | 40 | 34.5 | |
| | | 高水敷整備 | $m^2$ | 163 | 10.5 | |
| | | その他工事 | 式 | 1 | 26.9 | |
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| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 22.9 | |
| 工事諸費 | | | 式 | 1 | 14.2 | |
| 自治体費用 | | | 式 | 1 | 27 | |
| 事業費　計 | | | 式 | 1 | 136 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 42 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る149票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

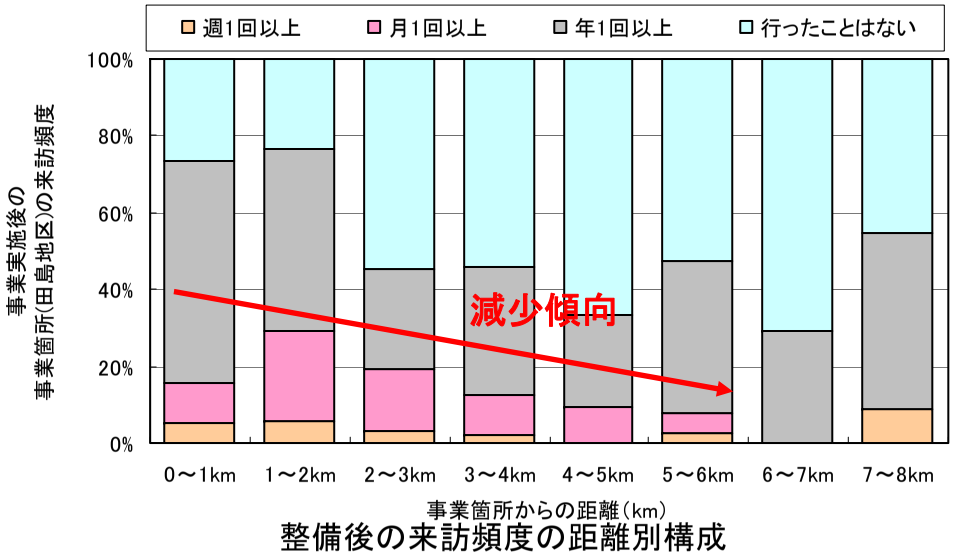
# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点は6km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は5,793世帯

便益集計世帯の範囲




整備後の来訪頻度の距離別構成

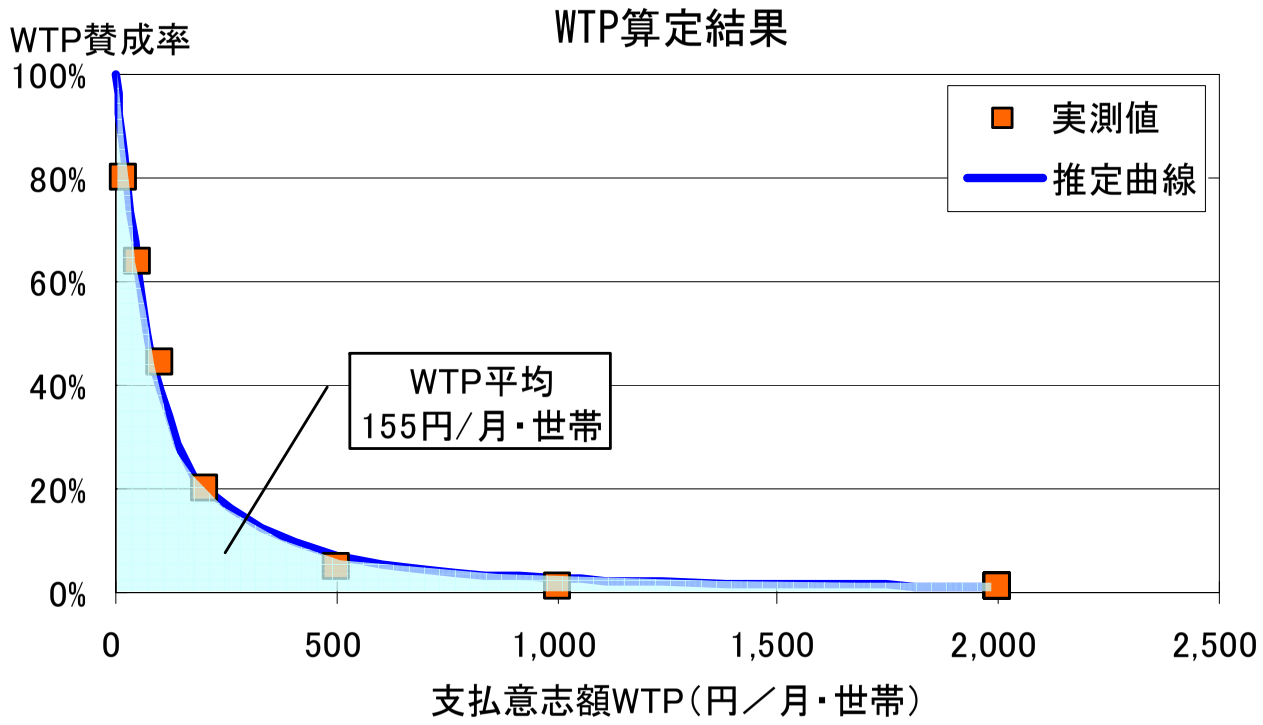
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

155円／月／世帯

『地域の住民』の年便益

年便益＝155円×１２ヶ月×5,793世帯
＝0.11億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2009 (H21) |
| 社会的割引率 | 4% |

単位:百万円

| | 年度 | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −7 | 2005 | H17 | 1.021 | 1.316 | | | | | | | | | | | | | | | |
| | −6 | 2006 | H18 | 1.010 | 1.265 | | | | | | | | | | | | | | | |
| | −5 | 2007 | H19 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | −4 | 2008 | H20 | 0.965 | 1.170 | | | | | | | 136.0 | 131.2 | 153.5 | | | | 136.0 | 131.2 | 153.5 |
| 施設完成後の期間 | −3 | 2009 | H21 | 1.001 | 1.125 | 10.8 | 10.8 | 12.1 | | | 12.1 | | | | 1.7 | 1.7 | 1.9 | 1.7 | 1.7 | 1.9 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 10.8 | 10.8 | 11.7 | | | 11.7 | | | | 1.7 | 1.7 | 1.8 | 1.7 | 1.7 | 1.8 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 10.8 | 10.8 | 11.2 | | | 11.2 | | | | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 10.8 | 10.8 | 10.8 | | | 10.8 | | | | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 10.8 | 10.8 | 10.4 | | | 10.4 | | | | 1.7 | 1.7 | 1.6 | 1.7 | 1.7 | 1.6 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 10.8 | 10.8 | 10.0 | | | 10.0 | | | | 1.7 | 1.7 | 1.5 | 1.7 | 1.7 | 1.5 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 10.8 | 10.8 | 9.6 | | | 9.6 | | | | 1.7 | 1.7 | 1.5 | 1.7 | 1.7 | 1.5 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 10.8 | 10.8 | 9.2 | | | 9.2 | | | | 1.7 | 1.7 | 1.4 | 1.7 | 1.7 | 1.4 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 10.8 | 10.8 | 8.9 | | | 8.9 | | | | 1.7 | 1.7 | 1.4 | 1.7 | 1.7 | 1.4 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 10.8 | 10.8 | 8.5 | | | 8.5 | | | | 1.7 | 1.7 | 1.3 | 1.7 | 1.7 | 1.3 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 10.8 | 10.8 | 8.2 | | | 8.2 | | | | 1.7 | 1.7 | 1.3 | 1.7 | 1.7 | 1.3 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 10.8 | 10.8 | 7.9 | | | 7.9 | | | | 1.7 | 1.7 | 1.2 | 1.7 | 1.7 | 1.2 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 10.8 | 10.8 | 7.6 | | | 7.6 | | | | 1.7 | 1.7 | 1.2 | 1.7 | 1.7 | 1.2 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 10.8 | 10.8 | 7.3 | | | 7.3 | | | | 1.7 | 1.7 | 1.1 | 1.7 | 1.7 | 1.1 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 10.8 | 10.8 | 7.0 | | | 7.0 | | | | 1.7 | 1.7 | 1.1 | 1.7 | 1.7 | 1.1 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 10.8 | 10.8 | 6.7 | | | 6.7 | | | | 1.7 | 1.7 | 1.0 | 1.7 | 1.7 | 1.0 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 10.8 | 10.8 | 6.5 | | | 6.5 | | | | 1.7 | 1.7 | 1.0 | 1.7 | 1.7 | 1.0 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 10.8 | 10.8 | 6.2 | | | 6.2 | | | | 1.7 | 1.7 | 1.0 | 1.7 | 1.7 | 1.0 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 10.8 | 10.8 | 6.0 | | | 6.0 | | | | 1.7 | 1.7 | 0.92 | 1.7 | 1.7 | 0.92 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 10.8 | 10.8 | 5.8 | | | 5.8 | | | | 1.7 | 1.7 | 0.89 | 1.7 | 1.7 | 0.89 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 10.8 | 10.8 | 5.5 | | | 5.5 | | | | 1.7 | 1.7 | 0.85 | 1.7 | 1.7 | 0.85 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 10.8 | 10.8 | 5.3 | | | 5.3 | | | | 1.7 | 1.7 | 0.82 | 1.7 | 1.7 | 0.82 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 10.8 | 10.8 | 5.1 | | | 5.1 | | | | 1.7 | 1.7 | 0.79 | 1.7 | 1.7 | 0.79 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 10.8 | 10.8 | 4.9 | | | 4.9 | | | | 1.7 | 1.7 | 0.76 | 1.7 | 1.7 | 0.76 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 10.8 | 10.8 | 4.7 | | | 4.7 | | | | 1.7 | 1.7 | 0.73 | 1.7 | 1.7 | 0.73 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 10.8 | 10.8 | 4.5 | | | 4.5 | | | | 1.7 | 1.7 | 0.70 | 1.7 | 1.7 | 0.70 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 10.8 | 10.8 | 4.4 | | | 4.4 | | | | 1.7 | 1.7 | 0.67 | 1.7 | 1.7 | 0.67 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 10.8 | 10.8 | 4.2 | | | 4.2 | | | | 1.7 | 1.7 | 0.65 | 1.7 | 1.7 | 0.65 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 10.8 | 10.8 | 4.0 | | | 4.0 | | | | 1.7 | 1.7 | 0.62 | 1.7 | 1.7 | 0.62 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 10.8 | 10.8 | 3.9 | | | 3.9 | | | | 1.7 | 1.7 | 0.60 | 1.7 | 1.7 | 0.60 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 10.8 | 10.8 | 3.7 | | | 3.7 | | | | 1.7 | 1.7 | 0.58 | 1.7 | 1.7 | 0.58 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 10.8 | 10.8 | 3.6 | | | 3.6 | | | | 1.7 | 1.7 | 0.55 | 1.7 | 1.7 | 0.55 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 10.8 | 10.8 | 3.5 | | | 3.5 | | | | 1.7 | 1.7 | 0.53 | 1.7 | 1.7 | 0.53 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 10.8 | 10.8 | 3.3 | | | 3.3 | | | | 1.7 | 1.7 | 0.51 | 1.7 | 1.7 | 0.51 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 10.8 | 10.8 | 3.2 | | | 3.2 | | | | 1.7 | 1.7 | 0.49 | 1.7 | 1.7 | 0.49 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 10.8 | 10.8 | 3.1 | | | 3.1 | | | | 1.7 | 1.7 | 0.47 | 1.7 | 1.7 | 0.47 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 10.8 | 10.8 | 3.0 | | | 3.0 | | | | 1.7 | 1.7 | 0.45 | 1.7 | 1.7 | 0.45 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 10.8 | 10.8 | 2.8 | | | 2.8 | | | | 1.7 | 1.7 | 0.44 | 1.7 | 1.7 | 0.44 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 10.8 | 10.8 | 2.7 | | | 2.7 | | | | 1.7 | 1.7 | 0.42 | 1.7 | 1.7 | 0.42 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 10.8 | 10.8 | 2.6 | | | 2.6 | | | | 1.7 | 1.7 | 0.40 | 1.7 | 1.7 | 0.40 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 10.8 | 10.8 | 2.5 | | | 2.5 | | | | 1.7 | 1.7 | 0.39 | 1.7 | 1.7 | 0.39 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 10.8 | 10.8 | 2.4 | | | 2.4 | | | | 1.7 | 1.7 | 0.37 | 1.7 | 1.7 | 0.37 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 10.8 | 10.8 | 2.3 | | | 2.3 | | | | 1.7 | 1.7 | 0.36 | 1.7 | 1.7 | 0.36 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 10.8 | 10.8 | 2.2 | | | 2.2 | | | | 1.7 | 1.7 | 0.35 | 1.7 | 1.7 | 0.35 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 10.8 | 10.8 | 2.2 | | | 2.2 | | | | 1.7 | 1.7 | 0.33 | 1.7 | 1.7 | 0.33 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 10.8 | 10.8 | 2.1 | | | 2.1 | | | | 1.7 | 1.7 | 0.32 | 1.7 | 1.7 | 0.32 |
| | 43 | 2055 | H67 | 1.000 | 0.185 | 10.8 | 10.8 | 2.0 | | | 2.0 | | | | 1.7 | 1.7 | 0.31 | 1.7 | 1.7 | 0.31 |
| | 44 | 2056 | H68 | 1.000 | 0.178 | 10.8 | 10.8 | 1.9 | | | 1.9 | | | | 1.7 | 1.7 | 0.30 | 1.7 | 1.7 | 0.30 |
| | 45 | 2057 | H69 | 1.000 | 0.171 | 10.8 | 10.8 | 1.8 | | | 1.8 | | | | 1.7 | 1.7 | 0.28 | 1.7 | 1.7 | 0.28 |
| | 46 | 2058 | H70 | 1.000 | 0.165 | 10.8 | 10.8 | 1.8 | 6.3 | 1.0 | 2.8 | | | | 1.7 | 1.7 | 0.27 | 1.7 | 1.7 | 0.27 |
| 合計 | | | | | | 538.7 | 538.7 | 270.8 | 6.3 | 1.0 | 271.8 | 136.0 | 131.2 | 153.5 | 83.0 | 85.0 | 41.8 | 219.0 | 216.2 | 195.3 |

| | | |
|---|---|---|
| 総便益 | B | 272 |
| 総費用 | C | 195 |
| 費用便益比 | B/C | 1.4 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

**アンケートにご協力いただく皆様方へ**

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、中川村と協力して、平成19～20年度にかけて、中川村田島地区の天竜川河川敷において、『地域の方々が安全に川に近づき水とふれあえるための取り組み』を行いました。

また、小渋川生田地区では、平成13～14年度にかけて、『魚などが容易に往来できるための取り組み』を行いました。

本アンケート調査は、

**中川村田島地区の天竜川河川敷で行われた取り組み、小渋川生田地区で行われた取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265－81－6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03－3988－2632（土曜・休祝日を除く）
FAX：03－3988－3662

## ～アンケート用紙～

田島・生田－＿＿＿－＿＿＿

**まず、あなたの天竜川と小渋川との関わりについてお尋ねします。**

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

**続いて、中川村田島地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。**

【問3】あなたは、中川村田島地区で説明資料に示したような取り組みによる工事が開始される前（５年位前：平成18年頃）に、中川村田島地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## (2)調査アンケート票　2/4

# 天竜川上流における河川環境整備について

説明資料

～天竜川田島地区と小渋川生田地区の環境改善の取り組み～

天竜川田島地区の河川敷において、中川村と協力して『地域の方々が川を知り、安全に水とふれあい、人とふれあえる取り組み』を行ないました。また、小渋川では、魚類などの水生生物が自由に川をのぼったりくだったりできるように、魚道を整備しました。



天竜川上流位置図　　事業実施箇所地図（田島地区、小渋川生田地区）

## ■ 整備内容と利用・管理状況について

### 田島地区：河川敷に下りる階段や公園、親水護岸などの整備

荒地となっていた河川敷を整正し、河川敷に下りる階段や芝生広場（天の中川河川公園）、親水護岸を整備しました。

整備後は、川に親しんだり、運動をしたりと地域住民の憩いの場となっています。




### 小渋川生田地区：魚道の整備

小渋ダム下流の２箇所の床固*に魚道を整備しました。

整備後は、魚類など水生生物の移動可能となる範囲がダムから天竜川までに広がりました。

＊床固(とこがため)…川底や川岸の大きな洗掘を防ぐため設けられた施設ー川に段差ができるので、そのままでは、魚などの上下流の移動を遮断してしまいます。




| | 取り組み以前（5年くらい前：平成18年以前） | 取り組み後（最近1年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問4以降へ】<br>4）行ったことはない<br>→【問4以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問4以降へ】<br>4）行きたいと思わない<br>→【問4以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）川に関するイベント<br>6）通勤などの日常生活<br>7）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）水遊び<br>5）川に関するイベント<br>6）通勤などの日常生活<br>7）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄っていない<br>2）他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問4】あなたは、中川村田島地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を１つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

# (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

中川村田島地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・河川敷や水路は荒地であり、安全に川に近づくことができず、環境学習などの場として利用できる場所もありません。<br>・あなたの世帯の負担金はありません。 | ・河川敷の整正や親水護岸などが整備され、安全に川に親しむことができます。また、環境学習などの場としても利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問5】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を１つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月 20 円（年間あたり 240 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(2)世帯あたり毎月 50 円（年間あたり 600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(3)世帯あたり毎月 100 円（年間あたり 1,200 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(4)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ　→【問7】へ

【問6】問5の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を１つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問7】問5で1度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を1つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）河川敷でスポーツ等ができるようになるから
3）川や水辺で遊んだり、釣りを楽しんだりできるようになったから
4）人が交流できる場となり、地域の活性化に役立つから
5）洪水の心配がなくなるから
6）河川の環境が良くなること自体がいいことだから
7）他の人や将来の世代にとっていいことだから
8）他の世帯も支払うのであれば仕方がないと思うから
9）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問13】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を1つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を1つ、○で囲んで下さい。

1）20代　　2）30代　　3）40代　　4）50代
5）60代　　6）70代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿

【問14】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問5、10はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （下新田水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 下新田水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 362.0 | |
| | 本工事費 | | 式 | 1 | 362.0 | |
| | | 伐木除根 | $m^2$ | 4,700 | 7.2 | |
| | | 階段護岸整備 | m | 20 | 36.2 | |
| | | 張芝 | $m^2$ | 180 | 1.4 | |
| | | 高水敷整正 | $m^2$ | 5,798 | 18.1 | |
| | | 親水護岸整備 | m | 776.8 | 217.2 | |
| | | その他工事 | 式 | 1 | 81.9 | |
| | | | | | | |
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| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 45.0 | |
| 工事諸費 | | | 式 | 1 | 51.0 | |
| 自治体費用 | | | 式 | 1 | 0 | |
| 事業費　計 | | | 式 | 1 | 458 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 0.96 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用<br>可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の<br>設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの<br>実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る350票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

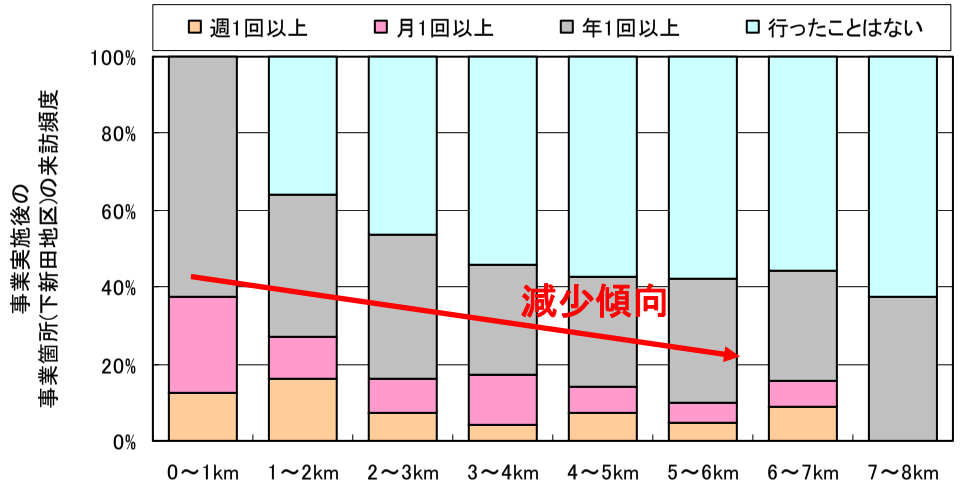
# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点は7km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は17,724世帯

便益集計世帯の範囲




整備後の来訪頻度の距離別構成

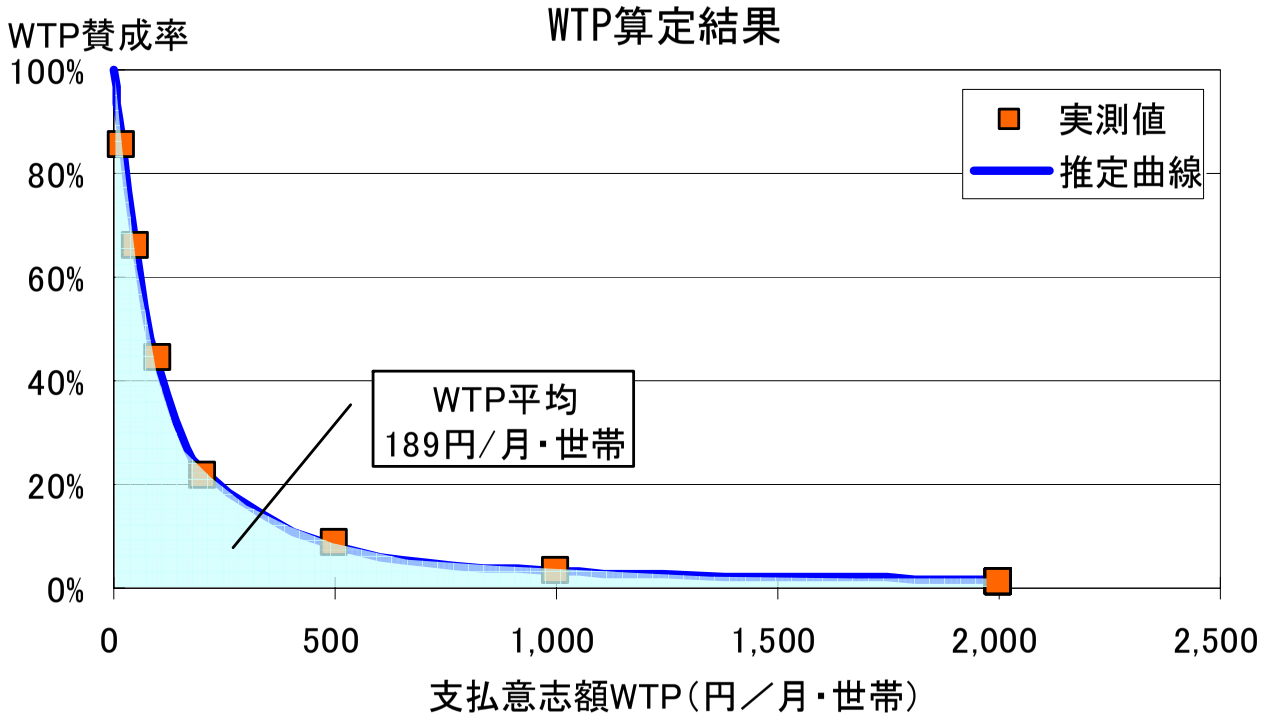
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

188円／月／世帯

『地域の住民』の年便益

年便益＝188円×１２ヶ月×17,724世帯
＝0.40億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2011 (H23) |
| 社会的割引率 | 4% |

単位:百万円

| 年度 | | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | -6 | 2006 | H18 | 1.010 | 1.265 | | | | | | | | | | | | | | | |
| | -5 | 2007 | H19 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | H20 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| | -3 | 2009 | H21 | 1.001 | 1.125 | | | | | | | 458.0 | 458.4 | 515.7 | | | | 458.0 | 458.4 | 515.7 |
| 施設完成後の期間 | -2 | 2010 | H22 | 1.000 | 1.082 | 40.0 | 40.0 | 43.2 | | | 43.2 | | | | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| | -1 | 2011 | H23 | 1.000 | 1.040 | 40.0 | 40.0 | 41.6 | | | 41.6 | | | | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 40.0 | 40.0 | 40.0 | | | 40.0 | | | | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 40.0 | 40.0 | 38.4 | | | 38.4 | | | | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 40.0 | 40.0 | 37.0 | | | 37.0 | | | | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 40.0 | 40.0 | 35.5 | | | 35.5 | | | | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 40.0 | 40.0 | 34.2 | | | 34.2 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 40.0 | 40.0 | 32.9 | | | 32.9 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 40.0 | 40.0 | 31.6 | | | 31.6 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 40.0 | 40.0 | 30.4 | | | 30.4 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 40.0 | 40.0 | 29.2 | | | 29.2 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 40.0 | 40.0 | 28.1 | | | 28.1 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 40.0 | 40.0 | 27.0 | | | 27.0 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 40.0 | 40.0 | 26.0 | | | 26.0 | | | | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.03 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 40.0 | 40.0 | 25.0 | | | 25.0 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 40.0 | 40.0 | 24.0 | | | 24.0 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 40.0 | 40.0 | 23.1 | | | 23.1 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 40.0 | 40.0 | 22.2 | | | 22.2 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 40.0 | 40.0 | 21.3 | | | 21.3 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 40.0 | 40.0 | 20.5 | | | 20.5 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 40.0 | 40.0 | 19.7 | | | 19.7 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 40.0 | 40.0 | 19.0 | | | 19.0 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 40.0 | 40.0 | 18.2 | | | 18.2 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 40.0 | 40.0 | 17.5 | | | 17.5 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 40.0 | 40.0 | 16.9 | | | 16.9 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 40.0 | 40.0 | 16.2 | | | 16.2 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 40.0 | 40.0 | 15.6 | | | 15.6 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 40.0 | 40.0 | 15.0 | | | 15.0 | | | | 0.04 | 0.04 | 0.02 | 0.04 | 0.04 | 0.02 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 40.0 | 40.0 | 14.4 | | | 14.4 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 40.0 | 40.0 | 13.9 | | | 13.9 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 40.0 | 40.0 | 13.3 | | | 13.3 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 40.0 | 40.0 | 12.8 | | | 12.8 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 40.0 | 40.0 | 12.3 | | | 12.3 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 40.0 | 40.0 | 11.9 | | | 11.9 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 40.0 | 40.0 | 11.4 | | | 11.4 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 40.0 | 40.0 | 11.0 | | | 11.0 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 40.0 | 40.0 | 10.5 | | | 10.5 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 40.0 | 40.0 | 10.1 | | | 10.1 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 40.0 | 40.0 | 9.7 | | | 9.7 | | | | 0.04 | 0.04 | 0.01 | 0.04 | 0.04 | 0.01 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 40.0 | 40.0 | 9.4 | | | 9.4 | | | | 0.04 | 0.04 | 0.009 | 0.04 | 0.04 | 0.01 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 40.0 | 40.0 | 9.0 | | | 9.0 | | | | 0.04 | 0.04 | 0.009 | 0.04 | 0.04 | 0.01 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 40.0 | 40.0 | 8.7 | | | 8.7 | | | | 0.04 | 0.04 | 0.009 | 0.04 | 0.04 | 0.01 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 40.0 | 40.0 | 8.3 | | | 8.3 | | | | 0.04 | 0.04 | 0.008 | 0.04 | 0.04 | 0.01 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 40.0 | 40.0 | 8.0 | | | 8.0 | | | | 0.04 | 0.04 | 0.008 | 0.04 | 0.04 | 0.01 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 40.0 | 40.0 | 7.7 | | | 7.7 | | | | 0.04 | 0.04 | 0.008 | 0.04 | 0.04 | 0.01 |
| | 43 | 2055 | H67 | 1.000 | 0.185 | 40.0 | 40.0 | 7.4 | | | 7.4 | | | | 0.04 | 0.04 | 0.007 | 0.04 | 0.04 | 0.01 |
| | 44 | 2056 | H68 | 1.000 | 0.178 | 40.0 | 40.0 | 7.1 | | | 7.1 | | | | 0.04 | 0.04 | 0.007 | 0.04 | 0.04 | 0.01 |
| | 45 | 2057 | H69 | 1.000 | 0.171 | 40.0 | 40.0 | 6.8 | | | 6.8 | | | | 0.04 | 0.04 | 0.007 | 0.04 | 0.04 | 0.01 |
| | 46 | 2058 | H70 | 1.000 | 0.165 | 40.0 | 40.0 | 6.6 | | | 6.6 | | | | 0.04 | 0.04 | 0.007 | 0.04 | 0.04 | 0.01 |
| | 47 | 2059 | H71 | 1.000 | 0.158 | 40.0 | 40.0 | 6.3 | 27.3 | 4.3 | 10.6 | | | | 0.04 | 0.04 | 0.006 | 0.04 | 0.04 | 0.01 |
| 合計 | | | | | | 1,999.3 | 1,999.3 | 965.9 | 27.3 | 4.3 | 970.2 | 458.0 | 458.4 | 515.7 | 2.0 | 2.0 | 0.96 | 460.0 | 460.4 | 516.7 |

| | | |
|---|---|---|
| 総便益 | B | 970 |
| 総費用 | C | 517 |
| 費用便益比 | B/C | 1.9 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

アンケートにご協力いただく皆様方へ

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、伊那市と協力して、平成 11～20 年度にかけて、伊那市榛原（はいばら）地区の三峰川（みぶがわ）河川敷において、『地域の方々が三峰川を知り、水とふれあい、人とふれあえる取り組み』を行いました。

また、平成 20～21 年度にかけて、伊那市下新田地区の天竜川河川敷において、『安全に川に近づき水とふれあえるための取り組み』を行いました。

本アンケート調査は、

**伊那市下新田地区の天竜川河川敷で行われた取り組み、伊那市榛原地区の三峰川河川敷で行われた取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265－81－6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03－3988－2632（土曜・休祝日を除く）
FAX：03－3988－3662

## ～アンケート用紙～

下新・榛原－＿＿＿－＿＿＿

**まず、あなたの天竜川と三峰川（みぶがわ）との関わりについてお尋ねします。**

【問1】あなたは、天竜川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

**続いて、伊那市下新田地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。**

【問3】あなたは、伊那市下新田地区で説明資料に示したような取り組みによる工事が開始される前（４年位前：平成１９年頃）に、伊那市下新田地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

# (2)調査アンケート票　2/4

## 天竜川上流における河川環境整備について

説明資料

**～天竜川下新田地区と三峰川榛原地区の環境改善の取り組み～**

天竜川下新田地区の河川敷と三峰川(みぶがわ)榛原(はいばら)地区の河川敷において、伊那市と協力し、『地域の方々が川を知り、安全に水とふれあい、人とふれあえる取り組み』を行ないました。

天竜川上流位置図

事業実施箇所地図（下新田地区、三峰川榛原地区）

### ■ 整備内容と利用・管理状況について

**下新田地区：河川敷へ下りる階段や親水護岸等の整備**

樹木を切り開き、河川敷へ下りる階段や親水護岸などを整備しました。
水際では、子供たちの水遊びや散策などが行われています。

堤防や河川敷は樹木が生い茂り、安全に川に近づけませんでした。

樹木を伐採し、河川敷や階段が整備され、安全に川に近づけるようになりました。
また、生物観察などの環境学習の場として利用されています。

**三峰川榛原地区：公園や親水護岸などの整備**

河川敷の公園や親水護岸などを整備しました。
整備後は、子供たちの水遊びや散策、マレットゴルフなどの運動の場として利用されています。

河川敷の公園や親水護岸が整備され、安全に川に親しめるようになりました。また、ジョギング・サイクリング・マレットゴルフ場を利用できるようになりました。

| | 取り組み前<br>（4年くらい前：平成19年以前） | 取り組み後（最近1年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問4以降へ】<br>4）行ったことはない<br>→【問4以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問4以降へ】<br>4）行きたいと思わない<br>→【問4以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）花見<br>3）ジョギングやサイクリング<br>4）花火大会<br>5）釣り<br>6）自然観察<br>7）水遊び<br>8）川に関するイベント<br>9）通勤などの日常生活<br>10）その他（　　） | 1）散策・散歩<br>2）花見<br>3）ジョギングやサイクリング<br>4）花火大会<br>5）釣り<br>6）自然観察<br>7）水遊び<br>8）川に関するイベント<br>9）通勤などの日常生活<br>10）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄っていない<br>2）他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問4】あなたは、伊那市下新田地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を1つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

## (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

伊那市下新田地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・堤防や河川敷には樹木が生い茂り、安全に川に近づくことができません。また、環境学習などの場として利用できる場所もありません。<br>・あなたの世帯の負担金はありません。 | ・樹木を伐採し、河川敷や階段が整備され、安全に川に近づけるようになります。また、環境学習などの場として利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問5】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を１つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月 20 円（年間あたり 240 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問6】へ

(2)世帯あたり毎月 50 円（年間あたり 600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(3)世帯あたり毎月 100 円（年間あたり 1,200 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(4)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問7】へ　→【問7】へ

【問6】問5の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を１つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問7】問5で1度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を1つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）川や水辺で遊んだり、釣りを楽しんだりできるようになったから
3）生物観察などの環境学習の場となるから
4）人が交流できる場となり、地域の活性化に役立つから
5）洪水の心配がなくなるから
6）河川の環境が良くなること自体がいいことだから
7）他の人や将来の世代にとっていいことだから
8）他の世帯も支払うのであれば仕方がないと思うから
9）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問13】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を1つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を1つ、○で囲んで下さい。

1）20代　　2）30代　　3）40代　　4）50代
5）60代　　6）70代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿

【問14】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問5、10はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （榛原水辺整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 榛原水辺整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 246.1 | |
| | 本工事費 | | 式 | 1 | 246.1 | |
| | | 親水護岸 | m | 305 | 120.5 | |
| | | 中聖牛 | 組 | 8 | 4.8 | |
| | | 植栽 | 本 | 296 | 3.5 | |
| | | 張芝 | $m^2$ | 15,930 | 10.3 | |
| | | せせらぎ水路 | m | 78 | 4.5 | |
| | | その他工事 | 式 | 1 | 102.5 | |
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| | | | | | | |
| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 77.9 | |
| 工事諸費 | | | 式 | 1 | 29.0 | |
| 自治体費用 | | | 式 | 1 | 154 | |
| 事業費　計 | | | 式 | 1 | 507 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 130 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

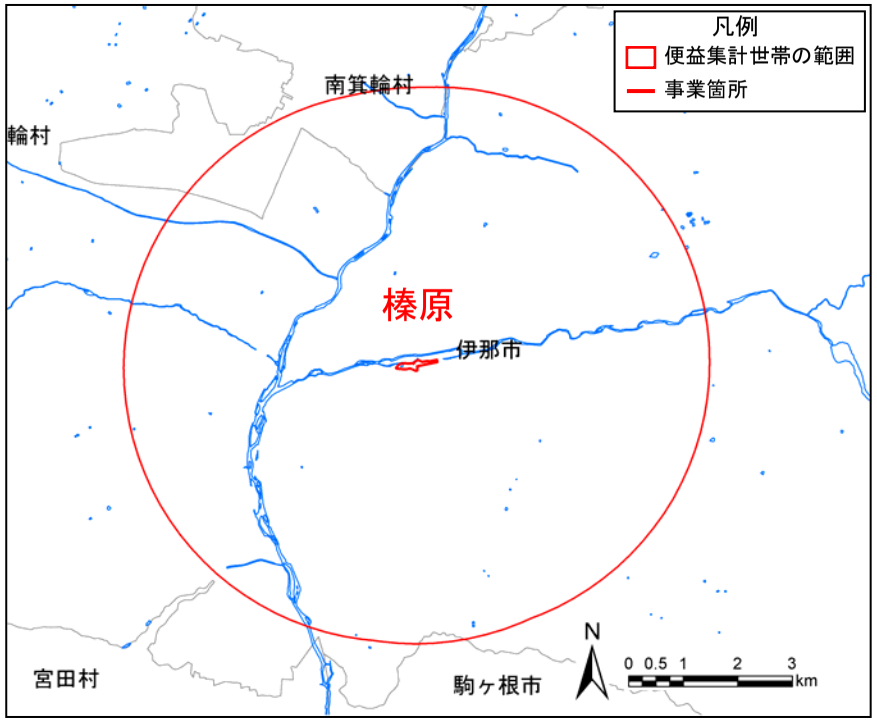
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る308票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

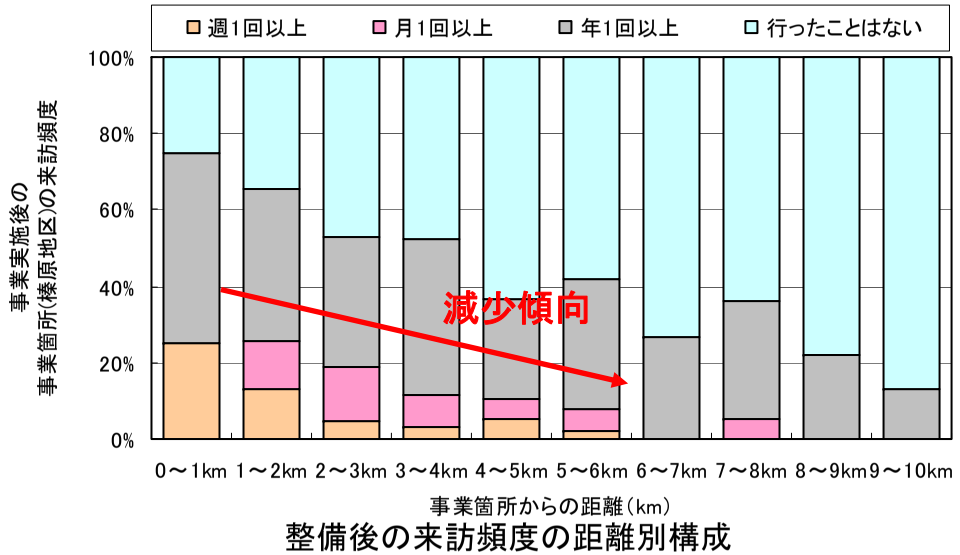
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点は6km付近に見られるが、前回評価と同様の5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は18,282世帯




便益集計世帯の範囲




整備後の来訪頻度の距離別構成

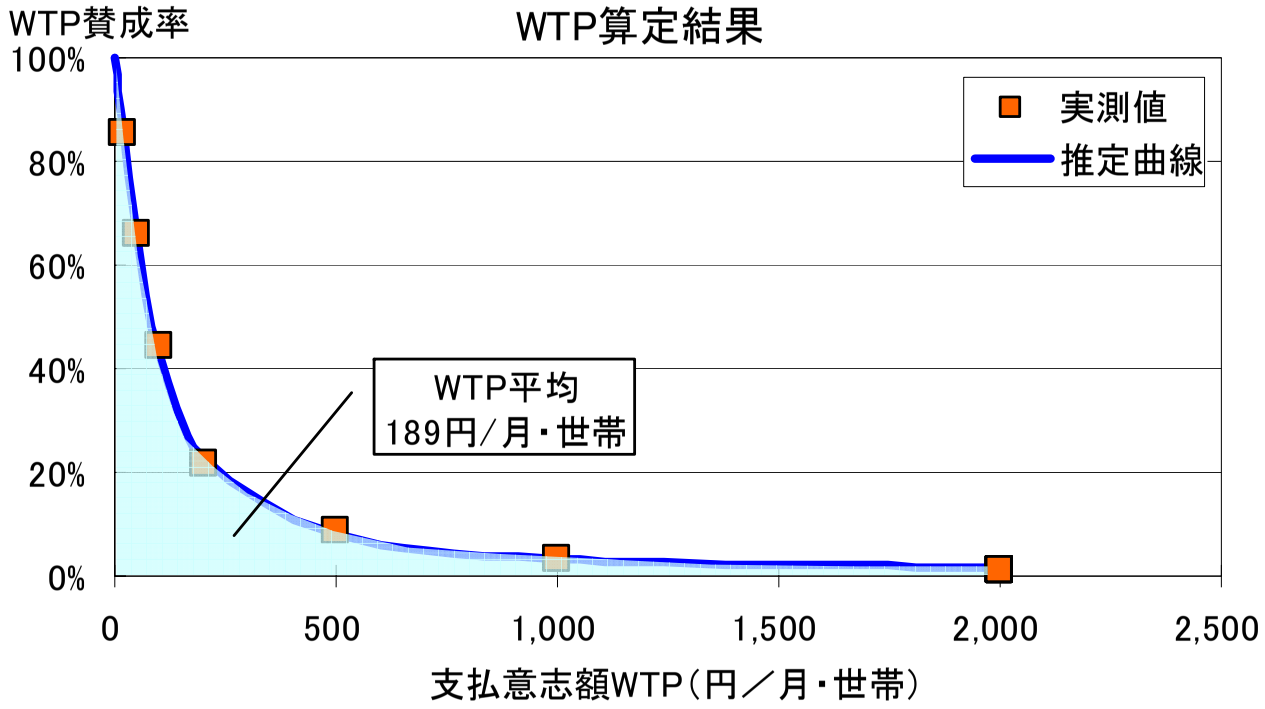
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

189円／月／世帯

『地域の住民』の年便益

年便益＝186円×１２ヶ月×18,282世帯
＝0.41億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2005 (H17) |
| 社会的割引率 | 4% |

単位:百万円

| | 年度 | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −23 | 1989 | H1 | 1.026 | 2.465 | | | | | | | 77.0 | 79.0 | 194.7 | | | | 77.0 | 79.0 | 195 |
| | −22 | 1990 | H2 | 0.986 | 2.370 | | | | | | | 77.0 | 76.0 | 180.0 | | | | 77.0 | 76.0 | 180 |
| | −21 | 1991 | H3 | 0.962 | 2.279 | | | | | | | | | | | | | | | |
| | −20 | 1992 | H4 | 0.954 | 2.191 | | | | | | | | | | | | | | | |
| | −19 | 1993 | H5 | 0.957 | 2.107 | | | | | | | | | | | | | | | |
| | −18 | 1994 | H6 | 0.956 | 2.026 | | | | | | | | | | | | | | | |
| | −17 | 1995 | H7 | 0.960 | 1.948 | | | | | | | | | | | | | | | |
| | −16 | 1996 | H8 | 0.963 | 1.873 | | | | | | | | | | | | | | | |
| | −15 | 1997 | H9 | 0.959 | 1.801 | | | | | | | | | | | | | | | |
| | −14 | 1998 | H10 | 0.979 | 1.732 | | | | | | | | | | | | | | | |
| | −13 | 1999 | H11 | 0.989 | 1.665 | | | | | | | 30.0 | 29.7 | 49.4 | | | | 30.0 | 29.7 | 49.4 |
| | −12 | 2000 | H12 | 0.991 | 1.601 | | | | | | | 140.0 | 138.8 | 222.2 | | | | 140.0 | 138.8 | 222.2 |
| | −11 | 2001 | H13 | 1.016 | 1.539 | | | | | | | 50.0 | 50.8 | 78.2 | | | | 50.0 | 50.8 | 78.2 |
| | −10 | 2002 | H14 | 1.030 | 1.480 | | | | | | | 26.0 | 26.8 | 39.7 | 4.0 | 4.1 | 6.1 | 30.0 | 30.9 | 45.8 |
| | −9 | 2003 | H15 | 1.030 | 1.423 | | | | | | | 42.0 | 43.3 | 61.6 | 4.0 | 4.1 | 5.9 | 46.0 | 47.4 | 67.5 |
| | −8 | 2004 | H16 | 1.026 | 1.369 | | | | | | | 65.0 | 66.7 | 91.3 | 4.0 | 4.1 | 5.6 | 69.0 | 70.8 | 96.9 |
| 施設完成後の期間 | −7 | 2005 | H17 | 1.021 | 1.316 | 41.5 | 41.5 | 54.6 | | | 54.6 | | | | 4.1 | 4.2 | 5.5 | 4.1 | 4.2 | 5.5 |
| | −6 | 2006 | H18 | 1.010 | 1.265 | 41.5 | 41.5 | 52.5 | | | 52.5 | | | | 4.1 | 4.1 | 5.2 | 4.1 | 4.1 | 5.2 |
| | −5 | 2007 | H19 | 0.994 | 1.217 | 41.5 | 41.5 | 50.4 | | | 50.4 | | | | 3.8 | 3.8 | 4.6 | 3.8 | 3.8 | 4.6 |
| | −4 | 2008 | H20 | 0.965 | 1.170 | 41.5 | 41.5 | 48.5 | | | 48.5 | | | | 3.8 | 3.6 | 4.3 | 3.8 | 3.6 | 4.3 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 41.5 | 41.5 | 46.6 | | | 46.6 | | | | 3.8 | 3.8 | 4.3 | 3.8 | 3.8 | 4.3 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 41.5 | 41.5 | 44.8 | | | 44.8 | | | | 3.8 | 3.8 | 4.1 | 3.8 | 3.8 | 4.1 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 41.5 | 41.5 | 43.1 | | | 43.1 | | | | 3.8 | 3.8 | 3.9 | 3.8 | 3.8 | 3.9 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 41.5 | 41.5 | 41.5 | | | 41.5 | | | | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 41.5 | 41.5 | 39.9 | | | 39.9 | | | | 3.8 | 3.8 | 3.6 | 3.8 | 3.8 | 3.6 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 41.5 | 41.5 | 38.3 | | | 38.3 | | | | 3.8 | 3.8 | 3.5 | 3.8 | 3.8 | 3.5 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 41.5 | 41.5 | 36.9 | | | 36.9 | | | | 3.8 | 3.8 | 3.4 | 3.8 | 3.8 | 3.4 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 41.5 | 41.5 | 35.4 | | | 35.4 | | | | 3.8 | 3.8 | 3.2 | 3.8 | 3.8 | 3.2 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 41.5 | 41.5 | 34.1 | | | 34.1 | | | | 3.8 | 3.8 | 3.1 | 3.8 | 3.8 | 3.1 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 41.5 | 41.5 | 32.8 | | | 32.8 | | | | 3.8 | 3.8 | 3.0 | 3.8 | 3.8 | 3.0 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 41.5 | 41.5 | 31.5 | | | 31.5 | | | | 3.8 | 3.8 | 2.9 | 3.8 | 3.8 | 2.9 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 41.5 | 41.5 | 30.3 | | | 30.3 | | | | 3.8 | 3.8 | 2.8 | 3.8 | 3.8 | 2.8 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 41.5 | 41.5 | 29.1 | | | 29.1 | | | | 3.8 | 3.8 | 2.7 | 3.8 | 3.8 | 2.7 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 41.5 | 41.5 | 28.0 | | | 28.0 | | | | 3.8 | 3.8 | 2.6 | 3.8 | 3.8 | 2.6 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 41.5 | 41.5 | 26.9 | | | 26.9 | | | | 3.8 | 3.8 | 2.5 | 3.8 | 3.8 | 2.5 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 41.5 | 41.5 | 25.9 | | | 25.9 | | | | 3.8 | 3.8 | 2.4 | 3.8 | 3.8 | 2.4 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 41.5 | 41.5 | 24.9 | | | 24.9 | | | | 3.8 | 3.8 | 2.3 | 3.8 | 3.8 | 2.3 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 41.5 | 41.5 | 23.9 | | | 23.9 | | | | 3.8 | 3.8 | 2.2 | 3.8 | 3.8 | 2.2 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 41.5 | 41.5 | 23.0 | | | 23.0 | | | | 3.8 | 3.8 | 2.1 | 3.8 | 3.8 | 2.1 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 41.5 | 41.5 | 22.1 | | | 22.1 | | | | 3.8 | 3.8 | 2.0 | 3.8 | 3.8 | 2.0 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 41.5 | 41.5 | 21.3 | | | 21.3 | | | | 3.8 | 3.8 | 1.9 | 3.8 | 3.8 | 1.9 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 41.5 | 41.5 | 20.5 | | | 20.5 | | | | 3.8 | 3.8 | 1.9 | 3.8 | 3.8 | 1.9 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 41.5 | 41.5 | 19.7 | | | 19.7 | | | | 3.8 | 3.8 | 1.8 | 3.8 | 3.8 | 1.8 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 41.5 | 41.5 | 18.9 | | | 18.9 | | | | 3.8 | 3.8 | 1.7 | 3.8 | 3.8 | 1.7 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 41.5 | 41.5 | 18.2 | | | 18.2 | | | | 3.8 | 3.8 | 1.7 | 3.8 | 3.8 | 1.7 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 41.5 | 41.5 | 17.5 | | | 17.5 | | | | 3.8 | 3.8 | 1.6 | 3.8 | 3.8 | 1.6 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 41.5 | 41.5 | 16.8 | | | 16.8 | | | | 3.8 | 3.8 | 1.5 | 3.8 | 3.8 | 1.5 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 41.5 | 41.5 | 16.2 | | | 16.2 | | | | 3.8 | 3.8 | 1.5 | 3.8 | 3.8 | 1.5 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 41.5 | 41.5 | 15.6 | | | 15.6 | | | | 3.8 | 3.8 | 1.4 | 3.8 | 3.8 | 1.4 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 41.5 | 41.5 | 15.0 | | | 15.0 | | | | 3.8 | 3.8 | 1.4 | 3.8 | 3.8 | 1.4 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 41.5 | 41.5 | 14.4 | | | 14.4 | | | | 3.8 | 3.8 | 1.3 | 3.8 | 3.8 | 1.3 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 41.5 | 41.5 | 13.8 | | | 13.8 | | | | 3.8 | 3.8 | 1.3 | 3.8 | 3.8 | 1.3 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 41.5 | 41.5 | 13.3 | | | 13.3 | | | | 3.8 | 3.8 | 1.2 | 3.8 | 3.8 | 1.2 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 41.5 | 41.5 | 12.8 | | | 12.8 | | | | 3.8 | 3.8 | 1.2 | 3.8 | 3.8 | 1.2 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 41.5 | 41.5 | 12.3 | | | 12.3 | | | | 3.8 | 3.8 | 1.1 | 3.8 | 3.8 | 1.1 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 41.5 | 41.5 | 11.8 | | | 11.8 | | | | 3.8 | 3.8 | 1.1 | 3.8 | 3.8 | 1.1 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 41.5 | 41.5 | 11.4 | | | 11.4 | | | | 3.8 | 3.8 | 1.0 | 3.8 | 3.8 | 1.0 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 41.5 | 41.5 | 10.9 | | | 10.9 | | | | 3.8 | 3.8 | 1.0 | 3.8 | 3.8 | 1.0 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 41.5 | 41.5 | 10.5 | | | 10.5 | | | | 3.8 | 3.8 | 1.0 | 3.8 | 3.8 | 1.0 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 41.5 | 41.5 | 10.1 | | | 10.1 | | | | 3.8 | 3.8 | 0.92 | 3.8 | 3.8 | 0.92 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 41.5 | 41.5 | 9.7 | | | 9.7 | | | | 3.8 | 3.8 | 0.89 | 3.8 | 3.8 | 0.89 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 41.5 | 41.5 | 9.3 | | | 9.3 | | | | 3.8 | 3.8 | 0.85 | 3.8 | 3.8 | 0.85 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 41.5 | 41.5 | 9.0 | | | 9.0 | | | | 3.8 | 3.8 | 0.82 | 3.8 | 3.8 | 0.82 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 41.5 | 41.5 | 8.6 | | | 8.6 | | | | 3.8 | 3.8 | 0.79 | 3.8 | 3.8 | 0.79 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 41.5 | 41.5 | 8.3 | | | 8.3 | | | | 3.8 | 3.8 | 0.76 | 3.8 | 3.8 | 0.76 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 41.5 | 41.5 | 8.0 | 24.6 | 4.7 | 12.7 | | | | 3.8 | 3.8 | 0.73 | 3.8 | 3.8 | 0.73 |
| 合計 | | | | | | 2,073.2 | 2,073.2 | 1,218.9 | 24.6 | 4.7 | 1,223.6 | 507.0 | 511.1 | 917.1 | 201.6 | 202.8 | 130.0 | 708.6 | 713.9 | 1,047.1 |

| | | |
|---|---|---|
| 総便益 | B | 1,224 |
| 総費用 | C | 1,047 |
| 費用便益比 | B/C | 1.2 |

## (2)調査アンケート票　1/4

### 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

アンケートにご協力いただく皆様方へ

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、伊那市と協力して、平成 11～20 年度にかけて、伊那市榛原（はいばら）地区の三峰川（みぶがわ）河川敷において、『地域の方々が三峰川を知り、水とふれあい、人とふれあえる取り組み』を行いました。

また、平成 20～21 年度にかけて、伊那市下新田地区の天竜川河川敷において、『安全に川に近づき水とふれあえるための取り組み』を行いました。

本アンケート調査は、

伊那市下新田地区の天竜川河川敷で行われた取り組み、伊那市榛原地区の三峰川河川敷で行われた取り組みの効果を金額に置き換えて評価することを目的として実施するものであり、本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

#### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

#### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265－81－6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03－3988－2632（土曜・休祝日を除く）
FAX：03－3988－3662

### ～アンケート用紙～

下新・榛原－＿＿＿－＿＿＿

**まず、あなたの天竜川と三峰川（みぶがわ）との関わりについてお尋ねします。**

【問2】あなたは、三峰川(みぶがわ)という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

**続いて、伊那市榛原地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。**

【問8】あなたは、伊那市榛原地区で説明資料に示したような取り組みによる工事が開始される前（13 年位前：平成 10 年頃）に、伊那市榛原地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

# (2)調査アンケート票　2/4

## 天竜川上流における河川環境整備について

説明資料

**～天竜川下新田地区と三峰川榛原地区の環境改善の取り組み～**

天竜川下新田地区の河川敷と三峰川(みぶがわ)榛原(はいばら)地区の河川敷において、伊那市と協力し、『地域の方々が川を知り、安全に水とふれあい、人とふれあえる取り組み』を行ないました。

天竜川上流位置図

事業実施箇所地図（下新田地区、三峰川榛原地区）

### ■ 整備内容と利用・管理状況について

**下新田地区：河川敷へ下りる階段や親水護岸等の整備**

樹木を切り開き、河川敷へ下りる階段や親水護岸などを整備しました。
水際では、子供たちの水遊びや散策などが行われています。

**三峰川榛原地区：公園や親水護岸などの整備**

河川敷の公園や親水護岸などを整備しました。
整備後は、子供たちの水遊びや散策、マレットゴルフなどの運動の場として利用されています。

| | 取り組み前<br>(13年くらい前：平成10年以前) | 取り組み後（最近1年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1) 週1回以上<br>2) 月1回以上<br>3) 年1回以上<br>→【下記②～⑤の設問の後、問9以降へ】<br>4) 行ったことはない<br>→【問9以降へ】<br>で［　　］回くらい | 1) 週1回以上<br>2) 月1回以上<br>3) 年1回以上<br>→【下記②～⑤の設問の後、問9以降へ】<br>4) 行きたいと思わない<br>→【問9以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1) 大人：［　　］人<br>2) 子供：［　　］人 | 1) 大人：［　　］人<br>2) 子供：［　　］人 |
| ③交通機関、時間（片道） | 1) 車、バイク<br>2) 電車、バス<br>3) 自転車<br>4) 徒歩<br>で［　　］分くらい | 1) 車、バイク<br>2) 電車、バス<br>3) 自転車<br>4) 徒歩<br>で［　　］分くらい |
| ④目的<br>（いくつでも回答可） | 1) 散策・散歩<br>2) マレットゴルフ<br>3) 釣り<br>4) 自然観察<br>5) 水遊び<br>6) 川に関するイベント<br>7) 通勤などの日常生活<br>8) その他（　　） | 1) 散策・散歩<br>2) マレットゴルフ<br>3) 釣り<br>4) 自然観察<br>5) 水遊び<br>6) 川に関するイベント<br>7) 通勤などの日常生活<br>8) その他（　　） |
| ⑤他に立ち寄る場所 | 1) 他には立ち寄っていなかった<br>2) 他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1) 他には立ち寄っていない<br>2) 他にも立ち寄っている<br>［　　］箇所くらい<br>主な場所（　　） |

【問9】あなたは、伊那市榛原地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を1つ、○で囲んで下さい。

| 1) 知っていた | 2) 知らなかった |
|---|---|

# (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

伊那市横原地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・安全に川に親しめる場所がなく、散策やジョギングなどの場として利用できる場所もありません。<br>・あなたの世帯の負担金はありません。 | ・河川敷の公園や親水護岸が整備され、安全に川に近づけるようになります。また、散策やジョギングなどの場としても利用できるようになります。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

【問10】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を1つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月 20 円（年間あたり 240 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問11】へ

(2)世帯あたり毎月 50 円（年間あたり 600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問12】へ

(3)世帯あたり毎月 100 円（年間あたり 1,200 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問12】へ

(4)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問12】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問12】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問12】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問12】へ　　→【問12】へ

【問11】問10の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を1つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

# （2）調査アンケート票　4/4

【問12】問１０で１度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を１つ選んで記載して下さい。

1）河川敷や水際へ安全に下りられるようになるから
2）散策やジョギング、サイクリングの場所として利用できるようになるから
3）生物観察などの環境学習の場となるから
4）人が交流できる場となり、地域の活性化に役立つから
5）洪水の心配がなくなるから
6）河川の環境が良くなること自体がいいことだから
7）他の人や将来の世代にとっていいことだから
8）他の世帯も支払うのであれば仕方がないと思うから
9）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問13】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を１つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を１つ、○で囲んで下さい。

1）20 代　　2）30 代　　3）40 代　　4）50 代
5）60 代　　6）70 代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を１つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

【問14】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問５、１０はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （生田河道整備事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 生田河道整備　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 167.5 | |
| | 本工事費 | | 式 | 1 | 167.5 | |
| | | 魚道 | 箇所 | 2 | 167.5 | |
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| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 25.3 | |
| 工事諸費 | | | 式 | 1 | 7.2 | |
| 自治体費用 | | | 式 | 1 | 0 | |
| 事業費　計 | | | 式 | 1 | 200 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 1.1 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 小渋川の上下流の連続性を確保するため、既設の床固工に魚道の整備を行うものであり、非利用価値を主とするため適用不可である。 | × |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

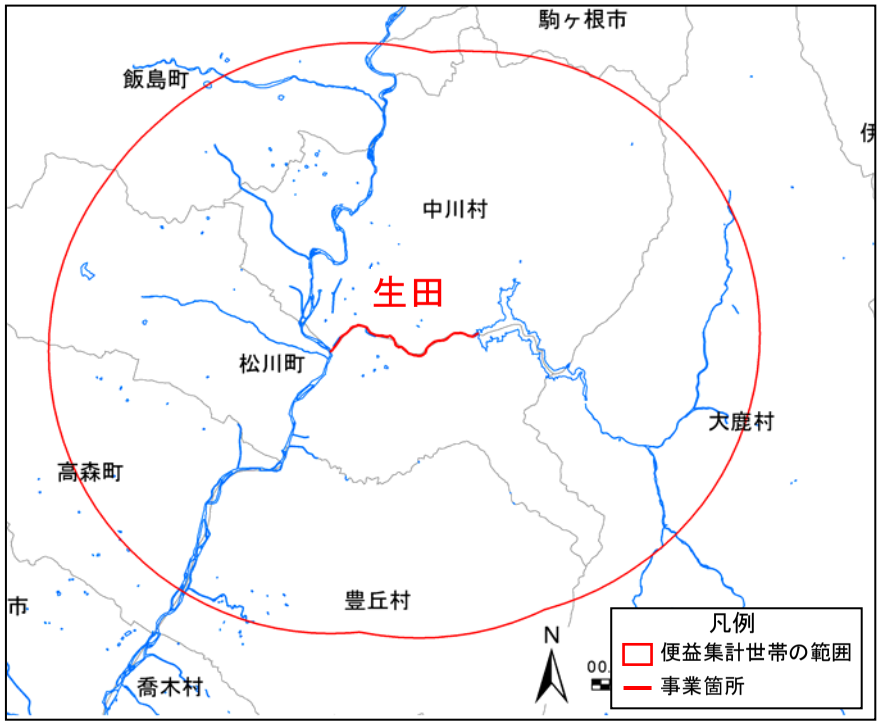
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、非利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る229票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

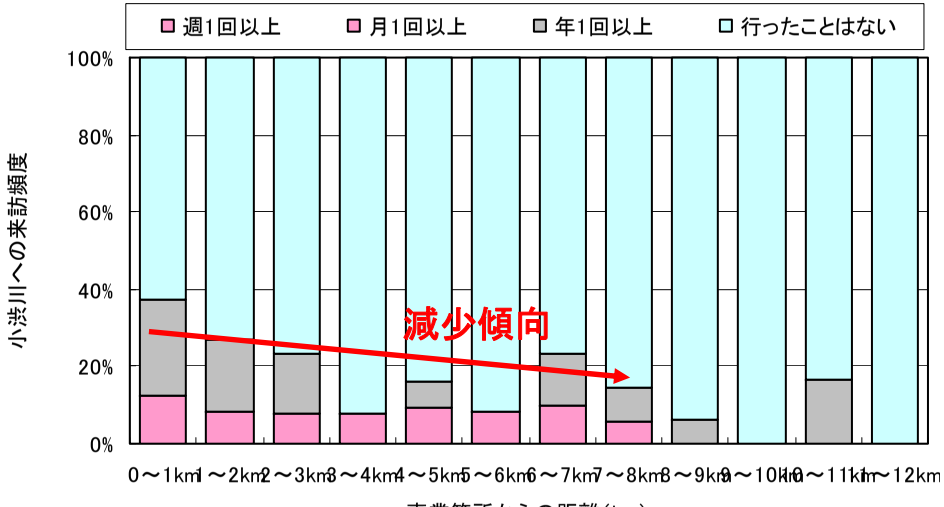
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点である8kmを集計範囲に設定

■『地域の住民』の便益集計世帯は10,674世帯




便益集計世帯の範囲




整備後の来訪頻度の距離別構成

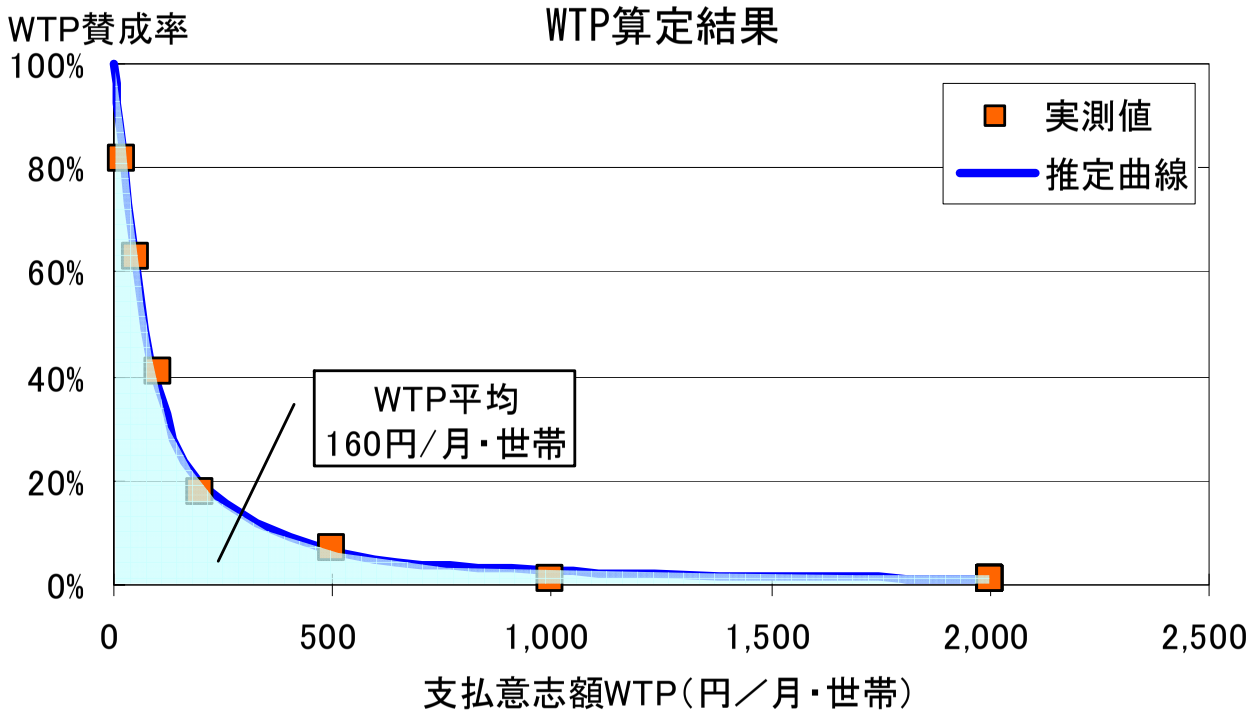
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

160円／月／世帯

『地域の住民』の年便益

年便益＝160円×１２ヶ月×10,674世帯
＝0.20億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2002 (H14) |
| 社会的割引率 | 4% |

単位:百万円

| 年度 | | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −14 | 1998 | H10 | 0.979 | 1.732 | | | | | | | | | | | | | | | |
| | −13 | 1999 | H11 | 0.989 | 1.665 | | | | | | | | | | | | | | | |
| | −12 | 2000 | H12 | 0.991 | 1.601 | | | | | | | | | | | | | | | |
| | −11 | 2001 | H13 | 1.016 | 1.539 | | | | | | | 200.0 | 203.2 | 312.8 | | | | 200.0 | 203.2 | 312.8 |
| 施設完成後の期間 | −10 | 2002 | H14 | 1.030 | 1.480 | 20.5 | 20.5 | 30.3 | | | 30.3 | | | | 0.03 | 0.04 | 0.05 | 0.03 | 0.04 | 0.05 |
| | −9 | 2003 | H15 | 1.030 | 1.423 | 20.5 | 20.5 | 29.2 | | | 29.2 | | | | 0.03 | 0.04 | 0.05 | 0.03 | 0.04 | 0.05 |
| | −8 | 2004 | H16 | 1.026 | 1.369 | 20.5 | 20.5 | 28.0 | | | 28.0 | | | | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.05 |
| | −7 | 2005 | H17 | 1.021 | 1.316 | 20.5 | 20.5 | 27.0 | | | 27.0 | | | | 0.03 | 0.03 | 0.05 | 0.03 | 0.03 | 0.05 |
| | −6 | 2006 | H18 | 1.010 | 1.265 | 20.5 | 20.5 | 25.9 | | | 25.9 | | | | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| | −5 | 2007 | H19 | 0.994 | 1.217 | 20.5 | 20.5 | 24.9 | | | 24.9 | | | | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| | −4 | 2008 | H20 | 0.965 | 1.170 | 20.5 | 20.5 | 24.0 | | | 24.0 | | | | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 20.5 | 20.5 | 23.1 | | | 23.1 | | | | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 20.5 | 20.5 | 22.2 | | | 22.2 | | | | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| | −1 | 2011 | H23 | 1.000 | 1.040 | 20.5 | 20.5 | 21.3 | | | 21.3 | | | | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 20.5 | 20.5 | 20.5 | | | 20.5 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 20.5 | 20.5 | 19.7 | | | 19.7 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 20.5 | 20.5 | 18.9 | | | 18.9 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 20.5 | 20.5 | 18.2 | | | 18.2 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 20.5 | 20.5 | 17.5 | | | 17.5 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 20.5 | 20.5 | 16.8 | | | 16.8 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 20.5 | 20.5 | 16.2 | | | 16.2 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 20.5 | 20.5 | 15.6 | | | 15.6 | | | | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 20.5 | 20.5 | 15.0 | | | 15.0 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 20.5 | 20.5 | 14.4 | | | 14.4 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 20.5 | 20.5 | 13.8 | | | 13.8 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 20.5 | 20.5 | 13.3 | | | 13.3 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 20.5 | 20.5 | 12.8 | | | 12.8 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 20.5 | 20.5 | 12.3 | | | 12.3 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 20.5 | 20.5 | 11.8 | | | 11.8 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 20.5 | 20.5 | 11.4 | | | 11.4 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 20.5 | 20.5 | 10.9 | | | 10.9 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 20.5 | 20.5 | 10.5 | | | 10.5 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 20.5 | 20.5 | 10.1 | | | 10.1 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 20.5 | 20.5 | 9.7 | | | 9.7 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 20.5 | 20.5 | 9.4 | | | 9.4 | | | | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.02 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 20.5 | 20.5 | 9.0 | | | 9.0 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 20.5 | 20.5 | 8.6 | | | 8.6 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 20.5 | 20.5 | 8.3 | | | 8.3 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 20.5 | 20.5 | 8.0 | | | 8.0 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 20.5 | 20.5 | 7.7 | | | 7.7 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 20.5 | 20.5 | 7.4 | | | 7.4 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 20.5 | 20.5 | 7.1 | | | 7.1 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 20.5 | 20.5 | 6.8 | | | 6.8 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 20.5 | 20.5 | 6.6 | | | 6.6 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 20.5 | 20.5 | 6.3 | | | 6.3 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 20.5 | 20.5 | 6.1 | | | 6.1 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 20.5 | 20.5 | 5.8 | | | 5.8 | | | | 0.03 | 0.03 | 0.01 | 0.03 | 0.03 | 0.01 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 20.5 | 20.5 | 5.6 | | | 5.6 | | | | 0.03 | 0.03 | 0.009 | 0.03 | 0.03 | 0.009 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 20.5 | 20.5 | 5.4 | | | 5.4 | | | | 0.03 | 0.03 | 0.009 | 0.03 | 0.03 | 0.009 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 20.5 | 20.5 | 5.2 | | | 5.2 | | | | 0.03 | 0.03 | 0.009 | 0.03 | 0.03 | 0.009 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 20.5 | 20.5 | 5.0 | | | 5.0 | | | | 0.03 | 0.03 | 0.008 | 0.03 | 0.03 | 0.008 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 20.5 | 20.5 | 4.8 | | | 4.8 | | | | 0.03 | 0.03 | 0.008 | 0.03 | 0.03 | 0.008 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 20.5 | 20.5 | 4.6 | | | 4.6 | | | | 0.03 | 0.03 | 0.008 | 0.03 | 0.03 | 0.008 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 20.5 | 20.5 | 4.4 | 16.8 | 3.6 | 8.0 | | | | 0.03 | 0.03 | 0.007 | 0.03 | 0.03 | 0.007 |
| 合計 | | | | | | 1,024.7 | 1,024.7 | 677.4 | 16.8 | 3.6 | 681.0 | 200.0 | 203.2 | 312.8 | 1.7 | 1.5 | 1.1 | 201.7 | 204.7 | 313.9 |

| | | |
|---|---|---|
| 総便益 | B | 681 |
| 総費用 | C | 314 |
| 費用便益比 | B/C | 2.2 |

# (2)調査アンケート票　1/4

## 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

**アンケートにご協力いただく皆様方へ**

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、中川村と協力して、平成19～20年度にかけて、中川村田島地区の天竜川河川敷において、『地域の方々が安全に川に近づき水とふれあえるための取り組み』を行いました。

また、小渋川生田地区では、平成13～14年度にかけて、『魚などが容易に往来できるための取り組み』を行いました。

本アンケート調査は、

**中川村田島地区の天竜川河川敷で行われた取り組み、小渋川生田地区で行われた取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。


■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265－81－6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03－3988－2632（土曜・休祝日を除く）
FAX：03－3988－3662


## ～アンケート用紙～

田島・生田－＿＿＿－＿＿＿

**まず、あなたの天竜川と小渋川との関わりについてお尋ねします。**

【問2】あなたは、小渋川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

**続いて、小渋川生田地区における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。**

【問8】あなたは、小渋川生田地区で説明資料に示したような取り組みによる工事が開始される前（11年位前：平成12年頃）に、小渋川生田地区にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## (2)調査アンケート票　2/4

# 天竜川上流における河川環境整備について

説明資料

## ～天竜川田島地区と小渋川生田地区の環境改善の取り組み～

天竜川田島地区の河川敷において、中川村と協力して『地域の方々が川を知り、安全に水とふれあい、人とふれあえる取り組み』を行ないました。また、小渋川では、魚類などの水生生物が自由に川をのぼったりくだったりできるように、魚道を整備しました。



天竜川上流位置図　　事業実施箇所地図（田島地区、小渋川生田地区）

## ■ 整備内容と利用・管理状況について

### 田島地区：河川敷に下りる階段や公園、親水護岸などの整備

荒地となっていた河川敷を整正し、河川敷に下りる階段や芝生広場（天の中川河川公園）、親水護岸を整備しました。
整備後は、川に親しんだり、運動をしたりと地域住民の憩いの場となっています。



### 小渋川生田地区：魚道の整備

小渋ダム下流の２箇所の床固*に魚道を整備しました。
整備後は、魚類など水生生物の移動可能となる範囲がダムから天竜川までに広がりました。

＊床固(とこがため)…川底や川岸の大きな洗掘を防ぐため設けられた施設ー川に段差ができるので、そのままでは、魚などの上下流の移動を遮断してしまいます。



| | 取り組み以前（11年くらい前：平成12年以前） | 取り組み後（最近1年間） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問9以降へ】<br>4）行ったことはない<br>→【問9以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問9以降へ】<br>4）行きたいと思わない<br>→【問9以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）川に関するイベント<br>5）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）川に関するイベント<br>5）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていない<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他には立ち寄らない<br>2）他にも立ち寄る<br>［　　］箇所くらい<br>主な場所（　　） |

【問9】あなたは、小渋川生田地区で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を１つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

## (2)調査アンケート票　3/4

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

小渋川生田地区で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。(注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。)

| 取り組みなし（過去の状況） | 取り組みあり（現在の状況） |
|---|---|
| ・魚などが自由に移動できず、生息域は分断されます。<br>・あなたの世帯の負担金はありません。 | ・魚道を魚などが自由に移動でき、小渋川本来の生態系に近づきます。<br>・あなたの世帯から負担金が必要です。(なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。) |

【問10】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を1つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月20円（年間あたり240円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問11】へ

(2)世帯あたり毎月50円（年間あたり600円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問12】へ

(3)世帯あたり毎月100円（年間あたり1,200円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問12】へ

(4)世帯あたり毎月200円（年間あたり2,400円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問12】へ

(5)世帯あたり毎月500円（年間あたり6,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問12】へ

(6)世帯あたり毎月1,000円（年間あたり12,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問12】へ

(7)世帯あたり毎月2,000円（年間あたり24,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成
→【問12】へ　→【問12】へ

【問11】問10の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を1つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）[　　]

# （2）調査アンケート票　4/4

【問12】問１０で１度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を１つ選んで記載して下さい。

1）魚などの生きもののすみ場がよくなるから
2）生物観察などの環境学習の場となるから
3）洪水の心配がなくなるから
4）河川の環境が良くなること自体がいいことだから
5）他の人や将来の世代にとっていいことだから
6）他の世帯も支払うのであれば仕方がないと思うから
7）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問13】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を１つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を１つ、○で囲んで下さい。

1）20 代　　2）30 代　　3）40 代　　4）50 代
5）60 代　　6）70 代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を１つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿

【問14】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問５、１０はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞
# （三峰川自然再生事業：事後評価）

# 事業費の内訳書

河川事業

| 事業名 | 三峰川自然再生　　（全体事業費） |
|---|---|

| 評価年度 | H24 | 事後評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 194.7 | |
| | 本工事費 | | 式 | 1 | 194.7 | |
| | | 河道掘削 | $m^3$ | 94,400 | 116.8 | |
| | | 樹木伐採 | $m^2$ | 64,500 | 48.7 | |
| | | その他工事 | 式 | 1 | 29.2 | |
| | | | | | | |
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| | 附帯工事費 | | 式 | | 0 | |
| | | | | | | |
| | 用地費及補償費 | | 式 | | 0 | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 250.1 | |
| 工事諸費 | | | 式 | 1 | 77.2 | |
| 自治体費用 | | | 式 | 1 | 0 | |
| 事業費　計 | | | 式 | 1 | 522 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 25 | |

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。
※2　「工種」及び「金額」については、原則、治水経済調査マニュアル（案）に準拠して記載すること。
※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。
※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 河原植物および礫河原環境を再生するものであり、非利用価値を主とする。ただし、副次的な効果として環境学習や自然観察の場としての利用が期待されることから、これらの利用に対する評価として適用することは可能である。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である安全で利用しやすい河川空間の整備効果は、利用価値を主とする。利用価値、非利用価値いずれも適用可能で、適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である安全で利用しやすい河川空間の整備効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVM・TCMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から4kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、インターネットWEB調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る224票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

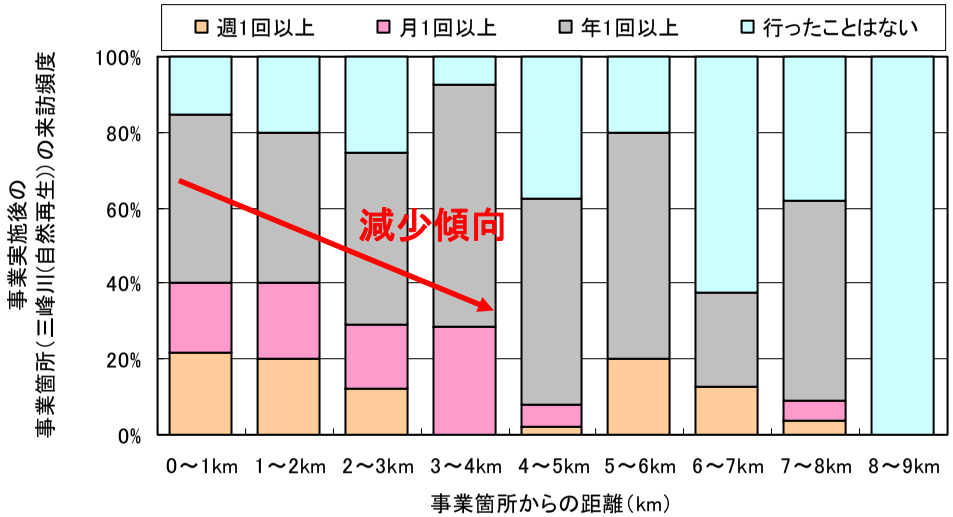
# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができる電話帳による郵送調査を実施。

■当該地区への来訪頻度の変化点である4kmを集計範囲に設定

便益集計世帯の範囲

■『地域の住民』の便益集計世帯は16,188世帯




整備後の来訪頻度の距離別構成

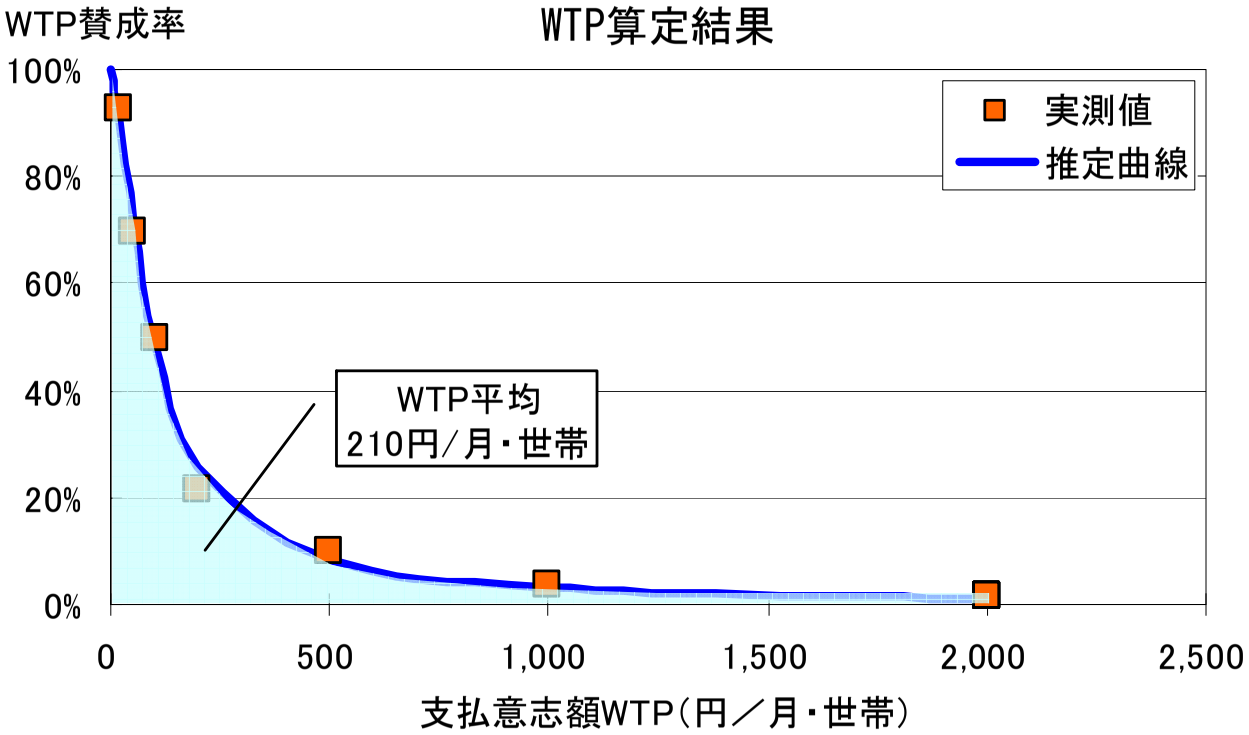
# 4.支払意志額：WTP

『地域の住民』のＷＴＰ

210円／月／世帯

『地域の住民』の年便益

年便益＝210円×１２ヶ月×16,188世帯
＝0.41億円／年



# 5.細部資料

## (1)費用便益算定シート

| | |
|---|---|
| 基準(評価)年度 | 2012 (H24) |
| 供用年度 | 2000 (H12) |
| 社会的割引率 | 4% |

単位:百万円

| | 年度 | | | デフレータ | 割引率 | 便益:B | | | | | | 費用:C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 便益① | | | 残存価値② | | 計①+② | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | 和暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用合計 | 実質価格 | 現在価値 |
| 整備期間 | −7 | 2005 | H17 | 1.021 | 1.316 | | | | | | | 141.0 | 144.0 | 189.4 | | | | 141.0 | 144.0 | 189.4 |
| | −6 | 2006 | H18 | 1.010 | 1.265 | 11.0 | 11.0 | 13.9 | | | 13.9 | 79.0 | 79.8 | 100.9 | 0.12 | 0.12 | 0.15 | 79.1 | 79.9 | 101.1 |
| | −5 | 2007 | H19 | 0.994 | 1.217 | 17.2 | 17.2 | 20.9 | | | 20.9 | 0 | 0 | 0 | 0.12 | 0.12 | 0.15 | 0.12 | 0.12 | 0.15 |
| | −4 | 2008 | H20 | 0.965 | 1.170 | 17.2 | 17.2 | 20.1 | | | 20.1 | 100.0 | 96.5 | 112.9 | 0.12 | 0.12 | 0.14 | 100.1 | 96.6 | 113.0 |
| | −3 | 2009 | H21 | 1.001 | 1.125 | 25.0 | 25.0 | 28.1 | | | 28.1 | 82.0 | 82.1 | 92.3 | 0.12 | 0.12 | 0.14 | 82.1 | 82.2 | 92.4 |
| | −2 | 2010 | H22 | 1.000 | 1.082 | 31.4 | 31.4 | 34.0 | | | 34.0 | 120.0 | 120.0 | 129.8 | 0.30 | 0.30 | 0.32 | 120.3 | 120.3 | 130.1 |
| 施設完成後の期間 | −1 | 2011 | H23 | 1.000 | 1.040 | 40.8 | 40.8 | 42.4 | | | 42.4 | | | | 2.6 | 2.6 | 2.7 | 2.6 | 2.6 | 2.7 |
| | 0 | 2012 | H24 | 1.000 | 1.000 | 40.8 | 40.8 | 40.8 | | | 40.8 | | | | 0.6 | 0.60 | 0.60 | 0.60 | 0.60 | 0.60 |
| | 1 | 2013 | H25 | 1.000 | 0.962 | 40.8 | 40.8 | 39.2 | | | 39.2 | | | | 0.60 | 0.60 | 0.58 | 0.60 | 0.60 | 0.58 |
| | 2 | 2014 | H26 | 1.000 | 0.925 | 40.8 | 40.8 | 37.7 | | | 37.7 | | | | 0.60 | 0.60 | 0.55 | 0.60 | 0.60 | 0.55 |
| | 3 | 2015 | H27 | 1.000 | 0.889 | 40.8 | 40.8 | 36.3 | | | 36.3 | | | | 0.60 | 0.60 | 0.53 | 0.60 | 0.60 | 0.53 |
| | 4 | 2016 | H28 | 1.000 | 0.855 | 40.8 | 40.8 | 34.9 | | | 34.9 | | | | 2.6 | 2.6 | 2.2 | 2.6 | 2.6 | 2.2 |
| | 5 | 2017 | H29 | 1.000 | 0.822 | 40.8 | 40.8 | 33.5 | | | 33.5 | | | | 0.60 | 0.60 | 0.49 | 0.60 | 0.60 | 0.49 |
| | 6 | 2018 | H30 | 1.000 | 0.790 | 40.8 | 40.8 | 32.2 | | | 32.2 | | | | 0.60 | 0.60 | 0.47 | 0.60 | 0.60 | 0.47 |
| | 7 | 2019 | H31 | 1.000 | 0.760 | 40.8 | 40.8 | 31.0 | | | 31.0 | | | | 0.60 | 0.60 | 0.46 | 0.60 | 0.60 | 0.46 |
| | 8 | 2020 | H32 | 1.000 | 0.731 | 40.8 | 40.8 | 29.8 | | | 29.8 | | | | 0.60 | 0.60 | 0.44 | 0.60 | 0.60 | 0.44 |
| | 9 | 2021 | H33 | 1.000 | 0.703 | 40.8 | 40.8 | 28.7 | | | 28.7 | | | | 2.6 | 2.6 | 1.83 | 2.6 | 2.6 | 1.8 |
| | 10 | 2022 | H34 | 1.000 | 0.676 | 40.8 | 40.8 | 27.6 | | | 27.6 | | | | 0.60 | 0.60 | 0.41 | 0.60 | 0.60 | 0.41 |
| | 11 | 2023 | H35 | 1.000 | 0.650 | 40.8 | 40.8 | 26.5 | | | 26.5 | | | | 0.60 | 0.60 | 0.39 | 0.60 | 0.60 | 0.39 |
| | 12 | 2024 | H36 | 1.000 | 0.625 | 40.8 | 40.8 | 25.5 | | | 25.5 | | | | 0.60 | 0.60 | 0.37 | 0.60 | 0.60 | 0.37 |
| | 13 | 2025 | H37 | 1.000 | 0.601 | 40.8 | 40.8 | 24.5 | | | 24.5 | | | | 0.60 | 0.60 | 0.36 | 0.60 | 0.60 | 0.36 |
| | 14 | 2026 | H38 | 1.000 | 0.577 | 40.8 | 40.8 | 23.6 | | | 23.6 | | | | 2.6 | 2.6 | 1.5 | 2.6 | 2.6 | 1.5 |
| | 15 | 2027 | H39 | 1.000 | 0.555 | 40.8 | 40.8 | 22.7 | | | 22.7 | | | | 0.60 | 0.60 | 0.33 | 0.60 | 0.60 | 0.33 |
| | 16 | 2028 | H40 | 1.000 | 0.534 | 40.8 | 40.8 | 21.8 | | | 21.8 | | | | 0.60 | 0.60 | 0.32 | 0.60 | 0.60 | 0.32 |
| | 17 | 2029 | H41 | 1.000 | 0.513 | 40.8 | 40.8 | 20.9 | | | 20.9 | | | | 0.60 | 0.60 | 0.31 | 0.60 | 0.60 | 0.31 |
| | 18 | 2030 | H42 | 1.000 | 0.494 | 40.8 | 40.8 | 20.1 | | | 20.1 | | | | 0.60 | 0.60 | 0.30 | 0.60 | 0.60 | 0.30 |
| | 19 | 2031 | H43 | 1.000 | 0.475 | 40.8 | 40.8 | 19.4 | | | 19.4 | | | | 2.6 | 2.6 | 1.2 | 2.6 | 2.6 | 1.2 |
| | 20 | 2032 | H44 | 1.000 | 0.456 | 40.8 | 40.8 | 18.6 | | | 18.6 | | | | 0.60 | 0.60 | 0.27 | 0.60 | 0.60 | 0.27 |
| | 21 | 2033 | H45 | 1.000 | 0.439 | 40.8 | 40.8 | 17.9 | | | 17.9 | | | | 0.60 | 0.60 | 0.26 | 0.60 | 0.60 | 0.26 |
| | 22 | 2034 | H46 | 1.000 | 0.422 | 40.8 | 40.8 | 17.2 | | | 17.2 | | | | 0.60 | 0.60 | 0.25 | 0.60 | 0.60 | 0.25 |
| | 23 | 2035 | H47 | 1.000 | 0.406 | 40.8 | 40.8 | 16.6 | | | 16.6 | | | | 0.60 | 0.60 | 0.24 | 0.60 | 0.60 | 0.24 |
| | 24 | 2036 | H48 | 1.000 | 0.390 | 40.8 | 40.8 | 15.9 | | | 15.9 | | | | 2.6 | 2.6 | 1.0 | 2.6 | 2.6 | 1.0 |
| | 25 | 2037 | H49 | 1.000 | 0.375 | 40.8 | 40.8 | 15.3 | | | 15.3 | | | | 0.60 | 0.60 | 0.23 | 0.60 | 0.60 | 0.23 |
| | 26 | 2038 | H50 | 1.000 | 0.361 | 40.8 | 40.8 | 14.7 | | | 14.7 | | | | 0.60 | 0.60 | 0.22 | 0.60 | 0.60 | 0.22 |
| | 27 | 2039 | H51 | 1.000 | 0.347 | 40.8 | 40.8 | 14.1 | | | 14.1 | | | | 0.60 | 0.60 | 0.21 | 0.60 | 0.60 | 0.21 |
| | 28 | 2040 | H52 | 1.000 | 0.333 | 40.8 | 40.8 | 13.6 | | | 13.6 | | | | 0.60 | 0.60 | 0.20 | 0.60 | 0.60 | 0.20 |
| | 29 | 2041 | H53 | 1.000 | 0.321 | 40.8 | 40.8 | 13.1 | | | 13.1 | | | | 2.6 | 2.6 | 0.83 | 2.6 | 2.6 | 0.8 |
| | 30 | 2042 | H54 | 1.000 | 0.308 | 40.8 | 40.8 | 12.6 | | | 12.6 | | | | 0.60 | 0.60 | 0.18 | 0.60 | 0.60 | 0.18 |
| | 31 | 2043 | H55 | 1.000 | 0.296 | 40.8 | 40.8 | 12.1 | | | 12.1 | | | | 0.60 | 0.60 | 0.18 | 0.60 | 0.60 | 0.18 |
| | 32 | 2044 | H56 | 1.000 | 0.285 | 40.8 | 40.8 | 11.6 | | | 11.6 | | | | 0.60 | 0.60 | 0.17 | 0.60 | 0.60 | 0.17 |
| | 33 | 2045 | H57 | 1.000 | 0.274 | 40.8 | 40.8 | 11.2 | | | 11.2 | | | | 0.60 | 0.60 | 0.16 | 0.60 | 0.60 | 0.16 |
| | 34 | 2046 | H58 | 1.000 | 0.264 | 40.8 | 40.8 | 10.8 | | | 10.8 | | | | 2.6 | 2.6 | 0.69 | 2.6 | 2.6 | 0.7 |
| | 35 | 2047 | H59 | 1.000 | 0.253 | 40.8 | 40.8 | 10.3 | | | 10.3 | | | | 0.60 | 0.60 | 0.15 | 0.60 | 0.60 | 0.15 |
| | 36 | 2048 | H60 | 1.000 | 0.244 | 40.8 | 40.8 | 9.9 | | | 9.9 | | | | 0.60 | 0.60 | 0.15 | 0.60 | 0.60 | 0.15 |
| | 37 | 2049 | H61 | 1.000 | 0.234 | 40.8 | 40.8 | 9.6 | | | 9.6 | | | | 0.60 | 0.60 | 0.14 | 0.60 | 0.60 | 0.14 |
| | 38 | 2050 | H62 | 1.000 | 0.225 | 40.8 | 40.8 | 9.2 | | | 9.2 | | | | 0.60 | 0.60 | 0.14 | 0.60 | 0.60 | 0.14 |
| | 39 | 2051 | H63 | 1.000 | 0.217 | 40.8 | 40.8 | 8.8 | | | 8.8 | | | | 2.6 | 2.6 | 0.56 | 2.6 | 2.6 | 0.56 |
| | 40 | 2052 | H64 | 1.000 | 0.208 | 40.8 | 40.8 | 8.5 | | | 8.5 | | | | 0.60 | 0.60 | 0.12 | 0.60 | 0.60 | 0.12 |
| | 41 | 2053 | H65 | 1.000 | 0.200 | 40.8 | 40.8 | 8.2 | | | 8.2 | | | | 0.60 | 0.60 | 0.12 | 0.60 | 0.60 | 0.12 |
| | 42 | 2054 | H66 | 1.000 | 0.193 | 40.8 | 40.8 | 7.9 | | | 7.9 | | | | 0.60 | 0.60 | 0.12 | 0.60 | 0.60 | 0.12 |
| | 43 | 2055 | H67 | 1.000 | 0.185 | 40.8 | 40.8 | 7.6 | | | 7.6 | | | | 0.60 | 0.60 | 0.11 | 0.60 | 0.60 | 0.11 |
| | 44 | 2056 | H68 | 1.000 | 0.178 | 40.8 | 40.8 | 7.3 | | | 7.3 | | | | 2.6 | 2.6 | 0.46 | 2.6 | 2.6 | 0.46 |
| | 45 | 2057 | H69 | 1.000 | 0.171 | 40.8 | 40.8 | 7.0 | | | 7.0 | | | | 0.60 | 0.60 | 0.10 | 0.60 | 0.60 | 0.10 |
| | 46 | 2058 | H70 | 1.000 | 0.165 | 40.8 | 40.8 | 6.7 | | | 6.7 | | | | 0.60 | 0.60 | 0.10 | 0.60 | 0.60 | 0.10 |
| | 47 | 2059 | H71 | 1.000 | 0.158 | 40.8 | 40.8 | 6.5 | | | 6.5 | | | | 0.60 | 0.60 | 0.09 | 0.60 | 0.60 | 0.09 |
| | 48 | 2060 | H72 | 1.000 | 0.152 | 40.8 | 40.8 | 6.2 | | | 6.2 | | | | 0.60 | 0.60 | 0.09 | 0.60 | 0.60 | 0.09 |
| 合計 | | | | | | 2,141.5 | 2,141.5 | 1,065.1 | | | 1,065.1 | 522.0 | 522.4 | 625.3 | 50.8 | 50.8 | 24.8 | 573 | 573 | 650 |

| | | |
|---|---|---|
| 総便益 | B | 1,065 |
| 総費用 | C | 650 |
| 費用便益比 | B/C | 1.6 |

## (2)調査アンケート票　1/5

### 天竜川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年１月
国土交通省中部地方整備局
天竜川上流河川事務所

アンケートにご協力いただく皆様方へ

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 天竜川上流河川事務所では、平成 17 年度より、天竜川および三峰川(みぶがわ)において、『礫河原に固有な生物の生息・生育に適した、かつての河川環境を再生するための取り組み』を進めております。

本アンケート調査は、

天竜川および三峰川で行われる取り組みの効果を金額に置き換えて評価することを目的として実施するものであり、本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

#### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、同封の返信用封筒に入れて、**１月２３日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

#### アンケート調査についてのお問い合わせ

本調査は、下記の調査機関に委託しております。
アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体
国土交通省　中部地方整備局　天竜川上流河川事務所　調査課　　担当：尾畑、黒田
TEL：0265−81−6415（土曜・休祝日を除く）

■調査実施
株式会社　建設環境研究所　環境情報部　　担当：長澤、井内
TEL：03−3988−2632（土曜・休祝日を除く）
FAX：03−3988−3662

### ～アンケート用紙～

天竜・三峰ー＿＿＿ー＿＿＿

まず、あなたの天竜川と三峰川との関わりについてお尋ねします。

【問2】あなたは、三峰川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1) よく知っており、よく行く（概ね月１回以上）。
2) よく知っており、たびたび行く（概ね年数回程度）。
3) 知っており、たまに行く（概ね年１回程度）。
4) 知っているが、ほとんど行かない。
5) 初めて知った。

続いて、三峰川における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

【問8】あなたは、三峰川で説明資料に示したような取り組みによる工事が開始される前（7 年位前：平成 16 年頃）に、三峰川の取り組み箇所にどのくらい行きましたか。また、現在、どのくらい行きますか。それぞれ、あてはまる番号を１つ、○で囲んで下さい。
また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答用紙は次ページにあります）

## （2）調査アンケート票　2/5

# 天竜川上流における河川環境整備について

説明資料

## ～天竜川と三峰川(みぶがわ)における環境改善の取り組み～

天竜川(松川町元大島地先など)と三峰川(伊那市美篶地先など)において『本来の礫(レキ)河原』を再生し、『礫河原に生息する動植物』を増やすため、樹木の伐採や外来植物の駆除などの取り組みを行っています。

また、取り組み箇所では、河原植物の観察会などの環境教育も行われています。



天竜川上流位置図　　事業実施箇所地図

## ■ 取り組み内容とこれまでの取り組み状況について

### 本来の河川環境を取り戻すために

基本方針
- 外来種が少なく、カワラニガナのような河原植物や、イカルチドリのような鳥類の生息・生育場となる礫河原環境を再生します。
- 一定規模の出水という自然の営力で、復元・維持される礫河原を再生します。
- 取り組みは、外来樹木の伐採等の協力者である地域住民と進めます。

### これまでの取り組み




### 取組み内容のイメージ




### 守り増やしたい生物




### 地域住民とのつながり




| | 取り組み前<br>（7年くらい前：平成16年以前） | 取り組み後（将来） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問9以降へ】<br>4）行ったことはない<br>→【問9以降へ】<br>で［　　］回くらい | 1）週1回以上<br>2）月1回以上<br>3）年1回以上<br>→【下記②～⑤の設問の後、問9以降へ】<br>4）行きたいと思わない<br>→【問9以降へ】<br>で［　　］回くらい |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）川に関するイベント<br>5）通勤などの日常生活<br>6）ジョギングやサイクリング<br>7）その他（　　） | 1）散策・散歩<br>2）釣り<br>3）自然観察<br>4）川に関するイベント<br>5）通勤などの日常生活<br>6）ジョギングやサイクリング<br>7）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄っていなかった<br>2）他にも立ち寄っていた<br>［　　］箇所くらい<br>主な場所（　　） | 1）他に立ち寄りたい場所はない<br>2）他にも立ち寄らない<br>［　　］箇所くらい<br>主な場所（　　） |

【問9】あなたは、三峰川で、説明資料に示すような取り組みが行われていたことをご存じでしたか。あてはまる番号を1つ、○で囲んで下さい。

| 1）知っていた | 2）知らなかった |
|---|---|

## (2)調査アンケート票　3/5

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

三峰川で行われている環境改善の取り組みは、実際には税金によって行われていますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。(注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。)

| 取り組みなし（過去の状況） | 取り組みあり（将来の状況） |
|---|---|
| ・堤防や河川敷には樹木が生い茂り、礫河原特有の動植物のすみ場は復元されません。また、川へ近づきにくく、見晴らしもよくありません。<br>・あなたの世帯の負担金はありません。 | ・礫河原特有の動植物のすみ場が復元されます。また川に近づきやすくなり、見晴らしのよい風景が広がります。<br>・あなたの世帯から負担金が必要です。(なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。) |

【問10】次の(1)から(7)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を1つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月20円（年間あたり240円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問11】へ

(2)世帯あたり毎月50円（年間あたり600円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問12】へ

(3)世帯あたり毎月100円（年間あたり1,200円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問12】へ

(4)世帯あたり毎月200円（年間あたり2,400円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問12】へ

(5)世帯あたり毎月500円（年間あたり6,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問12】へ

(6)世帯あたり毎月1,000円（年間あたり12,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問12】へ

(7)世帯あたり毎月2,000円（年間あたり24,000円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　2）賛成

→【問12】へ　→【問12】へ

【問11】問10の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を1つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）[　　]

# (2)調査アンケート票　4/5

(4)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問１２】へ　　2）賛成 → 【問１２】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問１２】へ　　2）賛成 → 【問１２】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問１２】へ　　2）賛成 → 【問１２】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対 → 【問１２】へ　　2）賛成 → 【問１２】へ

【問11】問１０の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を１つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）［　　］

【問12】問１０で１度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を１つ選んで記載して下さい。

1）河原植物をはじめ、多くの動植物がすめるようになるから
2）河川敷や水際へ安全に下りられるようになるから
3）生物観察などの環境学習の場となるから
4）人が交流できる場となり、地域の活性化に役立つから
5）河川の環境が良くなること自体がいいことだから
6）他の人や将来の世代にとっていいことだから
7）他の世帯も支払うのであれば仕方がないと思うから
8）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

【問13】あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を１つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を１つ、○で囲んで下さい。

1）20 代　2）30 代　3）40 代　4）50 代
5）60 代　6）70 代以上

（3）あなたのお住まいの郵便番号をご記入ください。

□□□－□□□□

## (2)調査アンケート票　5/5

（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を1つ、○で囲んで下さい。

| | |
|---|---|
| 1）自営・農家 | 2）給与所得者（会社員、公務員等） |
| 3）会社・団体役員 | 4）パート・アルバイト |
| 5）年金生活者 | 6）学生 |
| 7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿ | |

【問14】今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問5、１０はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

このアンケート用紙全てを返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# ＜天竜川総合水系環境整備事業＞

# （美和ダム・ダム湖活用環境整備事業：事後評価）

# 事業費の内訳書

## 河川事業

| 事業名 | 地域に開かれたダム整備計画　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H23 | 完了後の事後評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 357.9 | |
| | 本工事費 | | 式 | 13 | 357.9 | |
| | | レイクフロント整備 | 式 | 1 | 31.8 | |
| | | 南アルプスむら周辺整備 | 式 | 1 | 0.0 | 直轄なし |
| | | 美和レイクハイランド整備 | 式 | 1 | 126.4 | |
| | | 仙流荘周辺公園整備 | 式 | 1 | 0.0 | 直轄なし |
| | | 高遠湖周辺環境整備 | 式 | 1 | 55.3 | |
| | | 小犬沢親水公園整備 | 式 | 1 | 20.5 | |
| | | 中央構造線公園再整備 | 式 | 1 | 7.2 | |
| | | 猿橋公園整備 | 式 | 1 | 20.3 | |
| | | 中尾三峰川橋周辺公園整備 | 式 | 1 | 0.0 | 直轄なし |
| | | 分杭峠公園整備 | 式 | 1 | 0.0 | 直轄なし |
| | | ざんざ亭周辺公園整備 | 式 | 1 | 0.0 | 直轄なし |
| | | 黒河内農村公園整備 | 式 | 1 | | |
| | | 湖岸散策路の整備 | 式 | 1 | 96.6 | |
| | 附帯工事費 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | | | | |
| | 用地費 | | | | | |
| | 補償費 | | | | | |
| 間接経費 | | | 式 | 1 | 198.8 | |
| 工事諸費 | | | 式 | 1 | 89.3 | |
| 自治体費用 | | | 式 | 1 | 325.0 | |
| 事業費　計 | | | 式 | 1 | 970.9 | |

| 維持管理費 | | | | | |
|---|---|---|---|---|---|

※1　事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2　「工種」及び「金額」については、原則、治水経済調査マニュアル(案)に準拠して記載すること。

※3　上記によらないものについては、過去の類似の実績等に基づき記載すること。

※4　備考欄に、一式計上している工種の内容等を記載すること。

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVMを用いる。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 本事業箇所の利用実態として、複数の目的地を持つような周遊性をもった利用形態が多く、TCMにより事業を適切に評価するのは困難であり、採用しない。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | ・周辺環境は、公園であるなど、水辺整備と公園整備が周辺の地価に及ぼす影響を切り分けることが困難であることから適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | ・事例は多くあるが、周辺環境（自然環境、社会環境）や事業内容、事業規模等により便益は異なることが想定される。既存事例の適用は事業特性や周辺環境が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | ・美和湖周辺での活動を安全で快適にするための事業であり、同等の機能を代替する方法がないため適用しない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | ・美和湖周辺を利用しやすくするための事業もあり、利用価値が認められる。また、子供たちの環境体験など、非利用価値も認められる。<br>・CVMでは利用価値および非利用価値の評価も可能であり、適用事例も多いことから適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | ・本事業は４つのテーマを持ち、一連とした効果を発揮するものであり、比較できる複数の仮想状況（プロファイル）を作成することが困難であることから適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | ・本事業の整備効果として費用対効果は不可欠な効果であり、便益として計測することが重要 | × |

# 2.CVM調査チェックリスト

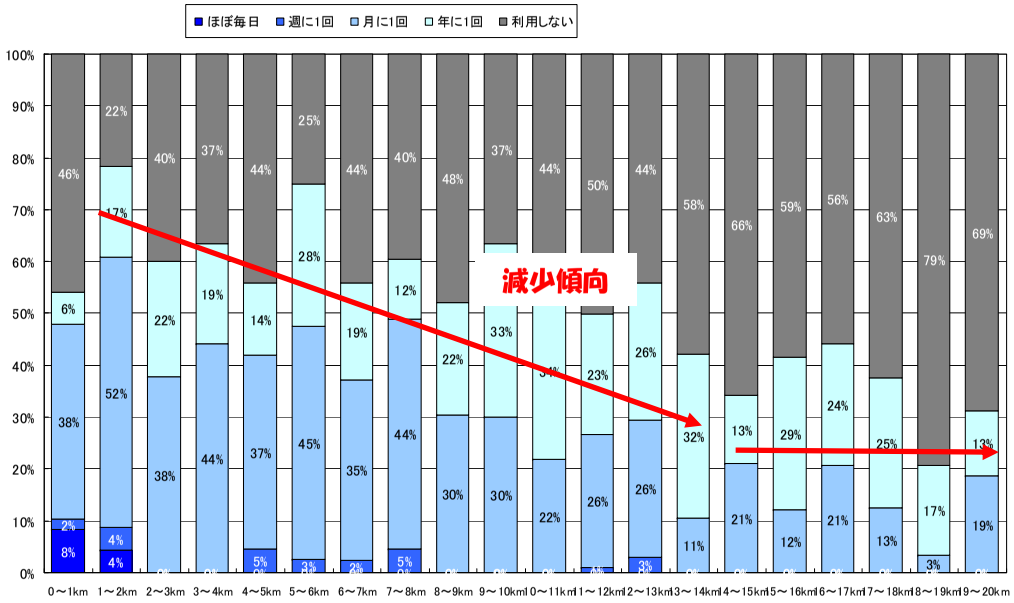
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であることから、CVMの適用が妥当であると判断。（前ページ参照） |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から13kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネットWEB調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、郵送調査により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の2つの選択肢から回答してもらう二項選択を、金額を変えて3回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払い意志額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課)に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る303票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で据切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケートを実施。

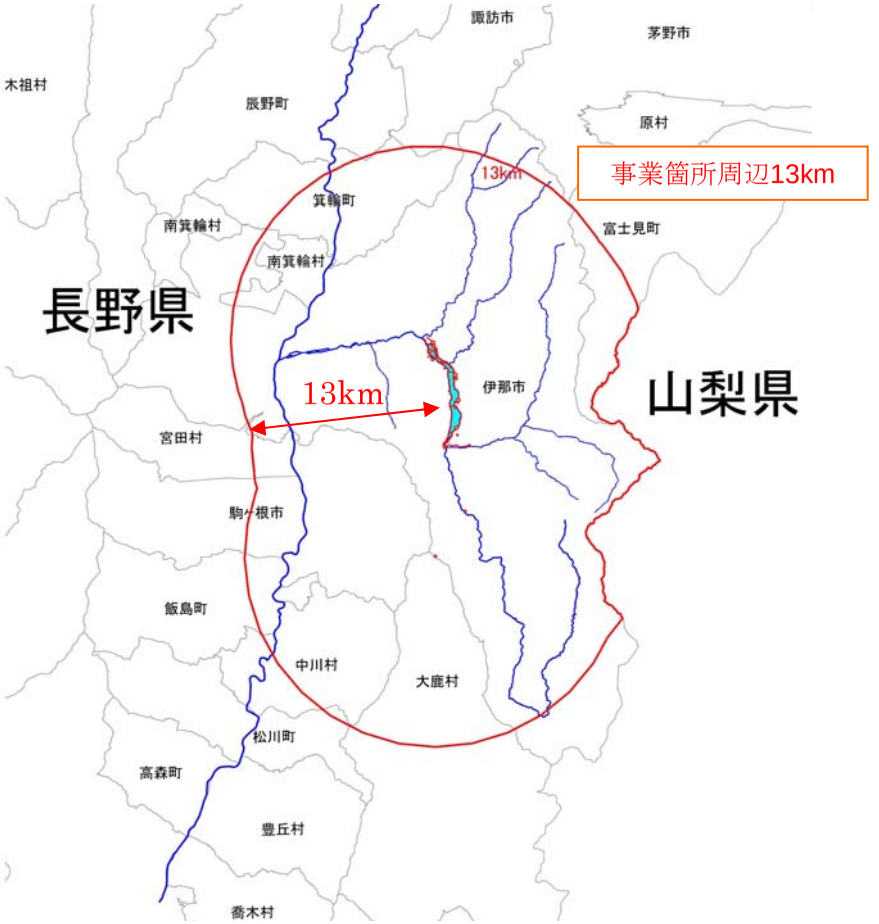
■当該地区への訪問頻度の変化点である13kmを集計範囲に設定

■『地域の住民』の便益集計世帯は47,628世帯




来訪頻度の距離別構成

○世帯数の集計範囲



# 4.支払意思額:WTP

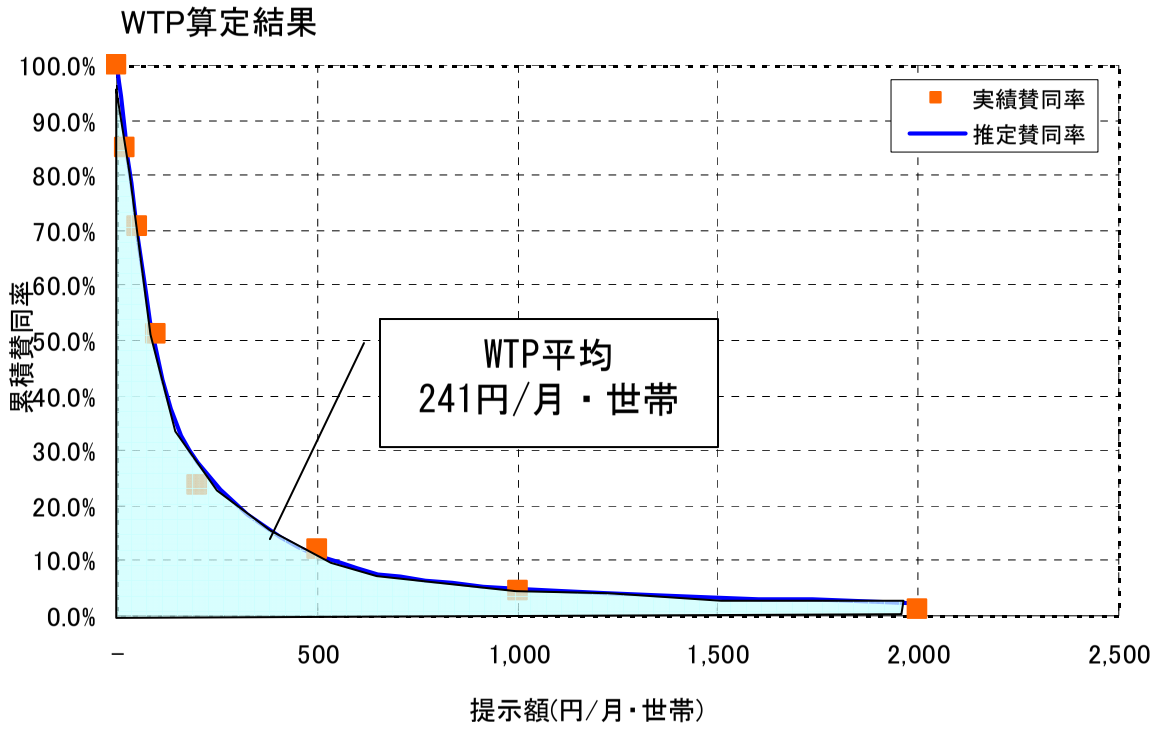
『地域の住民』のＷＴＰ

241円／月／世帯

『地域の住民』の年便益

年便益＝241円×12ヶ月×47,628世帯
≒138百万円／年

▽算定結果



# 5.細部資料

## (1)費用便益算定シート

【費用便益算定シート】

| | |
|---|---|
| 基準(評価)年度 | 2012(H24) |
| 供用年度 | 2010(H22) |
| 社会的割引率 | 4% |

（様式－２）

（百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③+④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| 整備期間（12年） | -12 | 1998 | 0.979 | 1.601 | | | | | | | 12 | 12 | 19 | 0.00 | 0.00 | 0.00 | 12 | 12 | 19 |
| | -11 | 1999 | 0.989 | 1.539 | | | | | | | 0.00 | 0.00 | 0.00 | 0.47 | 0.47 | 0.72 | 0.47 | 0.47 | 0.72 |
| | -10 | 2000 | 0.991 | 1.480 | | | | | | | 0.00 | 0.00 | 0.00 | 0.47 | 0.47 | 0.69 | 0.47 | 0.47 | 0.69 |
| | -9 | 2001 | 1.016 | 1.423 | | | | | | | 60 | 61 | 87 | 0.47 | 0.48 | 0.68 | 60 | 61 | 88 |
| | -8 | 2002 | 1.030 | 1.369 | | | | | | | 121 | 125 | 171 | 0.47 | 0.48 | 0.66 | 121 | 125 | 172 |
| | -7 | 2003 | 1.030 | 1.316 | | | | | | | 69 | 71 | 94 | 0.83 | 0.85 | 1.1 | 70 | 72 | 95 |
| | -6 | 2004 | 1.026 | 1.265 | | | | | | | 59 | 60 | 76 | 0.95 | 0.97 | 1.2 | 60 | 61 | 77 |
| | -5 | 2005 | 1.021 | 1.217 | | | | | | | 367 | 375 | 456 | 1.6 | 1.6 | 2.0 | 369 | 377 | 458 |
| | -4 | 2006 | 1.010 | 1.170 | | | | | | | 26 | 27 | 31 | 4.4 | 4.4 | 5.1 | 30 | 31 | 36 |
| | -3 | 2007 | 0.994 | 1.125 | | | | | | | 67 | 66 | 75 | 8.6 | 8.6 | 9.6 | 76 | 75 | 85 |
| | -2 | 2008 | 0.965 | 1.082 | | | | | | | 125 | 121 | 131 | 17 | 16 | 17 | 142 | 137 | 148 |
| | -1 | 2009 | 1.001 | 1.040 | | | | | | | 64 | 64 | 67 | 4.8 | 4.9 | 5.0 | 69 | 69 | 72 |
| 施設完成後の評価期間（50年） | 0 | 2010 | 1.000 | 1.000 | 138 | 138 | 138 | | | 138 | | | | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| | 1 | 2011 | 1.000 | 0.962 | 138 | 138 | 132 | | | 132 | | | | 6.5 | 6.5 | 6.3 | 6.5 | 6.5 | 6.3 |
| | 2 | 2012 | 1.000 | 0.925 | 138 | 138 | 127 | | | 127 | | | | 6.5 | 6.5 | 6.0 | 6.5 | 6.5 | 6.0 |
| | 3 | 2013 | 1.000 | 0.889 | 138 | 138 | 122 | | | 122 | | | | 6.5 | 6.5 | 5.8 | 6.5 | 6.5 | 5.8 |
| | 4 | 2014 | 1.000 | 0.855 | 138 | 138 | 118 | | | 118 | | | | 6.5 | 6.5 | 5.6 | 6.5 | 6.5 | 5.6 |
| | 5 | 2015 | 1.000 | 0.822 | 138 | 138 | 113 | | | 113 | | | | 6.5 | 6.5 | 5.4 | 6.5 | 6.5 | 5.4 |
| | 6 | 2016 | 1.000 | 0.790 | 138 | 138 | 109 | | | 109 | | | | 6.5 | 6.5 | 5.2 | 6.5 | 6.5 | 5.2 |
| | 7 | 2017 | 1.000 | 0.760 | 138 | 138 | 105 | | | 105 | | | | 6.5 | 6.5 | 5.0 | 6.5 | 6.5 | 5.0 |
| | 8 | 2018 | 1.000 | 0.731 | 138 | 138 | 101 | | | 101 | | | | 6.5 | 6.5 | 4.8 | 6.5 | 6.5 | 4.8 |
| | 9 | 2019 | 1.000 | 0.703 | 138 | 138 | 97 | | | 97 | | | | 6.5 | 6.5 | 4.6 | 6.5 | 6.5 | 4.6 |
| | 10 | 2020 | 1.000 | 0.676 | 138 | 138 | 93 | | | 93 | | | | 6.5 | 6.5 | 4.4 | 6.5 | 6.5 | 4.4 |
| | 11 | 2021 | 1.000 | 0.650 | 138 | 138 | 89 | | | 89 | | | | 6.5 | 6.5 | 4.2 | 6.5 | 6.5 | 4.2 |
| | 12 | 2022 | 1.000 | 0.625 | 138 | 138 | 86 | | | 86 | | | | 6.5 | 6.5 | 4.1 | 6.5 | 6.5 | 4.1 |
| | 13 | 2023 | 1.000 | 0.601 | 138 | 138 | 83 | | | 83 | | | | 6.5 | 6.5 | 3.9 | 6.5 | 6.5 | 3.9 |
| | 14 | 2024 | 1.000 | 0.577 | 138 | 138 | 80 | | | 80 | | | | 6.5 | 6.5 | 3.8 | 6.5 | 6.5 | 3.8 |
| | 15 | 2025 | 1.000 | 0.555 | 138 | 138 | 76 | | | 76 | | | | 6.5 | 6.5 | 3.6 | 6.5 | 6.5 | 3.6 |
| | 16 | 2026 | 1.000 | 0.534 | 138 | 138 | 74 | | | 74 | | | | 6.5 | 6.5 | 3.5 | 6.5 | 6.5 | 3.5 |
| | 17 | 2027 | 1.000 | 0.513 | 138 | 138 | 71 | | | 71 | | | | 6.5 | 6.5 | 3.3 | 6.5 | 6.5 | 3.3 |
| | 18 | 2028 | 1.000 | 0.494 | 138 | 138 | 68 | | | 68 | | | | 6.5 | 6.5 | 3.2 | 6.5 | 6.5 | 3.2 |
| | 19 | 2029 | 1.000 | 0.475 | 138 | 138 | 65 | | | 65 | | | | 6.5 | 6.5 | 3.1 | 6.5 | 6.5 | 3.1 |
| | 20 | 2030 | 1.000 | 0.456 | 138 | 138 | 63 | | | 63 | | | | 6.5 | 6.5 | 3.0 | 6.5 | 6.5 | 3.0 |
| | 21 | 2031 | 1.000 | 0.439 | 138 | 138 | 60 | | | 60 | | | | 6.5 | 6.5 | 2.9 | 6.5 | 6.5 | 2.9 |
| | 22 | 2032 | 1.000 | 0.422 | 138 | 138 | 58 | | | 58 | | | | 6.5 | 6.5 | 2.8 | 6.5 | 6.5 | 2.8 |
| | 23 | 2033 | 1.000 | 0.406 | 138 | 138 | 56 | | | 56 | | | | 6.5 | 6.5 | 2.6 | 6.5 | 6.5 | 2.6 |
| | 24 | 2034 | 1.000 | 0.390 | 138 | 138 | 54 | | | 54 | | | | 6.5 | 6.5 | 2.5 | 6.5 | 6.5 | 2.5 |
| | 25 | 2035 | 1.000 | 0.375 | 138 | 138 | 52 | | | 52 | | | | 6.5 | 6.5 | 2.4 | 6.5 | 6.5 | 2.4 |
| | 26 | 2036 | 1.000 | 0.361 | 138 | 138 | 50 | | | 50 | | | | 6.5 | 6.5 | 2.4 | 6.5 | 6.5 | 2.4 |
| | 27 | 2037 | 1.000 | 0.347 | 138 | 138 | 48 | | | 48 | | | | 6.5 | 6.5 | 2.3 | 6.5 | 6.5 | 2.3 |
| | 28 | 2038 | 1.000 | 0.333 | 138 | 138 | 46 | | | 46 | | | | 6.5 | 6.5 | 2.2 | 6.5 | 6.5 | 2.2 |
| | 29 | 2039 | 1.000 | 0.321 | 138 | 138 | 44 | | | 44 | | | | 6.5 | 6.5 | 2.1 | 6.5 | 6.5 | 2.1 |
| | 30 | 2040 | 1.000 | 0.308 | 138 | 138 | 42 | | | 42 | | | | 6.5 | 6.5 | 2.0 | 6.5 | 6.5 | 2.0 |
| | 31 | 2041 | 1.000 | 0.296 | 138 | 138 | 41 | | | 41 | | | | 6.5 | 6.5 | 1.9 | 6.5 | 6.5 | 1.9 |
| | 32 | 2042 | 1.000 | 0.285 | 138 | 138 | 39 | | | 39 | | | | 6.5 | 6.5 | 1.9 | 6.5 | 6.5 | 1.9 |
| | 33 | 2043 | 1.000 | 0.274 | 138 | 138 | 38 | | | 38 | | | | 6.5 | 6.5 | 1.8 | 6.5 | 6.5 | 1.8 |
| | 34 | 2044 | 1.000 | 0.264 | 138 | 138 | 36 | | | 36 | | | | 6.5 | 6.5 | 1.7 | 6.5 | 6.5 | 1.7 |
| | 35 | 2045 | 1.000 | 0.253 | 138 | 138 | 35 | | | 35 | | | | 6.5 | 6.5 | 1.7 | 6.5 | 6.5 | 1.7 |
| | 36 | 2046 | 1.000 | 0.244 | 138 | 138 | 34 | | | 34 | | | | 6.5 | 6.5 | 1.6 | 6.5 | 6.5 | 1.6 |
| | 37 | 2047 | 1.000 | 0.234 | 138 | 138 | 32 | | | 32 | | | | 6.5 | 6.5 | 1.5 | 6.5 | 6.5 | 1.5 |
| | 38 | 2048 | 1.000 | 0.225 | 138 | 138 | 31 | | | 31 | | | | 6.5 | 6.5 | 1.5 | 6.5 | 6.5 | 1.5 |
| | 39 | 2049 | 1.000 | 0.217 | 138 | 138 | 30 | | | 30 | | | | 6.5 | 6.5 | 1.4 | 6.5 | 6.5 | 1.4 |
| | 40 | 2050 | 1.000 | 0.208 | 138 | 138 | 29 | | | 29 | | | | 6.5 | 6.5 | 1.4 | 6.5 | 6.5 | 1.4 |
| | 41 | 2051 | 1.000 | 0.200 | 138 | 138 | 28 | | | 28 | | | | 6.5 | 6.5 | 1.3 | 6.5 | 6.5 | 1.3 |
| | 42 | 2052 | 1.000 | 0.193 | 138 | 138 | 27 | | | 27 | | | | 6.5 | 6.5 | 1.3 | 6.5 | 6.5 | 1.3 |
| | 43 | 2053 | 1.000 | 0.185 | 138 | 138 | 26 | | | 26 | | | | 6.5 | 6.5 | 1.2 | 6.5 | 6.5 | 1.2 |
| | 44 | 2054 | 1.000 | 0.178 | 138 | 138 | 25 | | | 25 | | | | 6.5 | 6.5 | 1.2 | 6.5 | 6.5 | 1.2 |
| | 45 | 2055 | 1.000 | 0.171 | 138 | 138 | 24 | | | 24 | | | | 6.5 | 6.5 | 1.1 | 6.5 | 6.5 | 1.1 |
| | 46 | 2056 | 1.000 | 0.165 | 138 | 138 | 23 | | | 23 | | | | 6.5 | 6.5 | 1.1 | 6.5 | 6.5 | 1.1 |
| | 47 | 2057 | 1.000 | 0.158 | 138 | 138 | 22 | | | 22 | | | | 6.5 | 6.5 | 1.0 | 6.5 | 6.5 | 1.0 |
| | 48 | 2058 | 1.000 | 0.152 | 138 | 138 | 21 | | | 21 | | | | 6.5 | 6.5 | 0.99 | 6.5 | 6.5 | 0.99 |
| | 49 | 2059 | 1.000 | 0.146 | 138 | 138 | 20 | | | 20 | | | | 6.5 | 6.5 | 0.95 | 6.5 | 6.5 | 0.95 |
| 合計 | | | | | 6,900 | 6,900 | 3,081 | 575 | 5.3 | 3,086 | 971 | 982 | 1,207 | 365 | 364 | 190 | 1,335 | 1,346 | 1,397 |

| 費用便益比 | | |
|---|---|---|
| 総便益(億円) | B | 31 |
| 総費用(億円) | C | 14 |
| 費用便益費 | B／C | 2.2 |
| 純現在価値 | B－C | 17 |

## (2)調査アンケート票　1/9

美和ダムの「地域に開かれたダム」計画に伴う
環境整備に関するアンケート調査

# 回答用紙

ご記入にあたって

- この調査票は、あなたの世帯の中で主な収入を得ておられる方、またはそれに準じる方（主にその配偶者）がお答えください。
- 別添した「説明資料」をご覧いただいた上で、ご回答をお願いします。
- この調査票にご記入いただいた内容は全て統計的に処理しますので、個人情報および個々の数値やご意見が公表されることは決してありません。また、本調査の目的以外に使用することも決してありません。
- このアンケートには、取組みの価値を金銭に置き換えて評価するという、皆さんにあまりなじみがない質問の内容、形式、仮定が含まれていますことをご了承ください。（この調査の回答をもとに税金の値上げや、あなたの世帯から実際に負担金を徴収することはございません。）
- ご記入された回答用紙は、同封の返信用封筒に入れ、１月９日（月）までに、ご投函いただきますようお願い申し上げます（切手は不要です）。



## 美和ダムの「地域に開かれたダム」計画に伴う環境整備に関するアンケート調査

最初に、あなたと次のページの図１に示すような美和ダム及び美和湖周辺との関わりについてお尋ねします。

【問１】あなたは現在、美和ダム及び美和湖周辺にどれくらいの頻度で訪れていますか。あてはまる番号を１つ選び、○をつけてください。

① ほぼ毎日　訪れる
② 週　に　１回くらい　訪れる
③ 月　に　１回くらい　訪れる
④ 年　に　１回くらい　訪れる
⑤ １年に　１回未満（または行ったことがない）

【問２】美和ダム及び美和湖周辺にどのような目的で訪れていますか。
あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 水辺の散策
② 釣り
③ 自然観察や環境学習
④ ダムや川に関するイベント
⑤ 通勤などの日常生活
⑥ ジョギングやサイクリング
⑦ その他（　　）

# (2)調査アンケート票　2/9

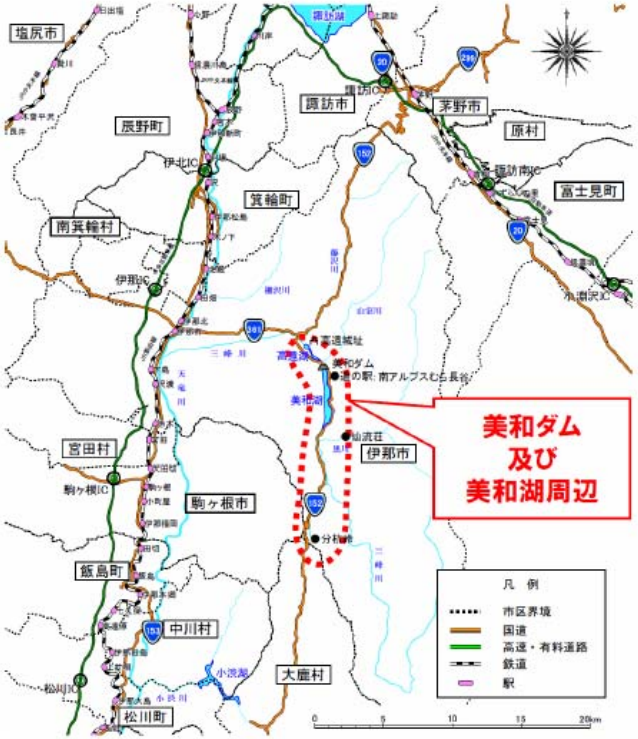



図1　美和ダム及び美和湖周辺　位置図



ここで、別添したＡ３の「説明資料」（全４ページ）をよくご覧ください。
以下では、この説明資料を見ながら、ご回答ください。

【問3】あなたは、美和ダムの「地域に開かれたダム」計画の取組みが進められていたことをご存知でしたか。どちらかの番号に○をつけてください。

① 知っていた
② 知らなかった

【問4】美和ダムの「地域に開かれたダム」計画の取組みを行うことで、あなたや家族にとって、何かいいこと（効果）があると思いますか。どちらかの番号に○をつけてください。

① よいことがあると思う　→（問5にお進みください）
② よいことがあるとは思わない　→（問6にお進みください）

【問5】問4で「①よいことがあると思う」に○印をつけた方に伺います。
その理由は何ですか。あてはまる番号を全て選び、○をつけてください。（複数回答可）

① 立ち寄った際に美しい景観を目にすることができる
② 生態系が再生され、生物を見たり触れたりできる
③ 地域の優れた景観や自然環境が今後とも保全される
④ あなたの親類や友人など、他の人にとってよいことである
⑤ あなたの子孫を含め、将来の世代によってよいことである
⑥ 河川の環境がよくなること自体がよいことである
⑦ その他（　　）

【問6】美和ダムの「地域に開かれたダム」計画の取組みのうち、あなたや家族がもっともよく利用している、もしくは最も利用したいと思う取組みを１つ選び、番号に○をつけてください。

① レイクフロント整備
② 南アルプスむら周辺整備
③ 美和レイクハイランド（美和湖公園）整備
④ 仙流荘周辺公園整備
⑤ 高遠湖周辺環境整備
⑥ 小犬沢親水公園整備
⑦ 中央構造線公園再整備
⑧ 猿橋公園整備
⑨ 中尾三峰川橋周辺公園整備
⑩ 分杭峠公園整備
⑪ ざんざ亭周辺公園整備
⑫ 黒河内農村公園整備
⑬ 湖岸散策路の整備

→（問7にお進みください）

# (2)調査アンケート票　3/9

ここからは美和ダムの「地域に開かれたダム」計画の取組みの価値を金額に置きかえて評価するため、「仮定の状況」においての質問を行います。
説明文をよくお読みになったうえでお答えください。

●「各世帯からの負担金」で取組みを行うものと仮定します。

実際にはこのような取組みは税金によって実施されていますが、**仮に取組みが税金ではなく、各世帯から負担金を集めて行われるような仕組みがあるものとして、あなたが支払ってもよいと思う金額**についてお尋ねします。なお、支払い額によって地域の活性化の取組みの内容が変わることはありません。

●負担金を払う分だけ、あなたの世帯のお金が減るものと仮定します。

負担金は**今の地域にお住まいの間、定期的にご負担**していただくこととなり、この分だけ**あなたの世帯で使うことのできるお金が減る**ことを考慮して、お答えください。

●負担金を払う分だけ、あなたの世帯のお金が減るものと仮定します。

負担金は取組みの実施と、実施後の維持管理のためにのみ使われ、**他の目的には一切使わない**ものとします。

●これは仮定の話です。

これは、取組みの効果を評価するためのアンケート上での仮定の話であり、**実際にこのような仕組みが考えられているものではありません。**また、**この回答をもって税金の値上げや負担金を集めるようなことはありません。**

**別添したＡ３の「説明資料」（全４ページ）をご覧ください。**

| | 取組み「なし」 | 取組み「あり」 |
|---|---|---|
| 美和ダムの「地域に開かれたダム」計画の取組み | ・説明資料の取組みがなされず、地域の活性化が図れません。<br>・あなたの世帯の負担金はありません。 | ・説明資料の取組みがなされ、地域の活性化が図れます。<br>・あなたの世帯の負担金が必要です。負担する期間は今の地域にお住まいの間を想定します。<br><br>※負担金は仮定の話であり、回答によって税金の値上げや負担金を集めることはありません。 |

5

【問7】**美和ダムの「地域に開かれたダム」計画の取組み**を実施するにあたって、あなたの世帯が負担すると仮定した場合の「負担額」を提示します。**提示する負担額で取り組みを行うことに対して、①反対、②賛成のどちらかを選び**、番号に○をつけてください。
（※繰り返しになりますが、これはあくまでも取組みの効果を評価するためのアンケート上の仮定であり、実際にこのような仕組みが考えられているものではありません。）

（1）取組みに対して、毎月２０円（年間あたり２４０円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問８へ）　② 賛成（→問７（２）へ）

（2）取組みに対して、毎月５０円（年間あたり６００円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問９へ）　② 賛成（→問７（３）へ）

（3）取組みに対して、毎月１００円（年間あたり１，２００円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問９へ）　② 賛成（→問７（４）へ）

（4）取組みに対して、毎月２００円（年間あたり２，４００円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問９へ）　② 賛成（→問７（５）へ）

（5）取組みに対して、毎月５００円（年間あたり６，０００円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問９へ）　② 賛成（→問７（６）へ）

（6）取組みに対して、毎月１，０００円（年間あたり１２，０００円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問９へ）　② 賛成（→問７（７）へ）

（7）取組みに対して、毎月２，０００円（年間あたり２４，０００円）の負担が必要となる場合、この取組みの実施に賛成ですか。

① 反対（→問９へ）　② 賛成（→問９へ）

6

# (2)調査アンケート票　4/9

【問8】問7の（1）「負担金が毎月20円（毎年240円）」で「①反対」とお答えになった方のみに質問します。主な理由を1つ選び、番号に○をつけてください。

① 説明資料に示される取組みは必要だと思うが、毎月20円（毎年240円）も支払う価値はないと思うから
② たとえ支払いがなくても、この取組みは必要ないと思うから
③ 世帯から負担金を集めるという仕組みに反対だから
④ これだけの情報では判断できないから
⑤ その他（　　）

これで、「仮定の状況」における質問は終わりです。引続き、アンケートにご回答ください。

→（問10にお進みください）

【問9】問7で1度でも「②賛成」とお答えになった方に質問します。
主な理由を1つ選び、番号に○をつけてください。

① 川の生き物のすみ場所が増えるから
② 景観がよくなるから
③ 水遊びなど、水にふれあうことができるから
④ 洪水の心配がなくなるから
⑤ 自分や家族にとって価値はないが、他の世帯も負担金を支払うのであれば仕方ないから
⑥ わからない
⑦ その他（　　）

これで、「仮定の状況」における質問は終わりです。引続き、アンケートにご回答ください。

→（問10にお進みください）



美和ダムの「地域に開かれたダム」計画の「取組み場所」とあなたや家族の利用状況に関する質問です。

【問10】最近1年間であなたや家族の美和ダム及び美和湖周辺（説明資料に示す取組み場所）の利用状況に関してお答えください。

（1）最近1年間で美和ダム及び美和湖周辺（取組み場所）に行きましたか。どちらかの番号に○をつけてください。

① 行った　→（問10（2）へお進みください）
② 行っていない　→（問11へお進みください）

（2）説明資料で示した取組み場所は、現在どのくらい利用していますか。また、取組みが行われる前はどのくらい利用していましたか。それぞれに概ねの回数を記入して下さい。

現在は、1年間に（　　）回くらい利用している
取組みが行われる前は、1年間に（　　）回くらい利用していた

（3）あなたを含めて家族で同行した人数を教えてください。
※子どもは中学生以下とします。世帯にお子様がいない場合には子どもの欄は「0（ゼロ）人」をご記入ください。

平均で大人［　　人］、子ども［　　人］

（4）訪問したときの主な交通手段を1つ選び、番号に○をつけてください。
※交通手段は通常お使いのものでお答えください。
※自転車とバスを使うなど、一度に複数の交通手段を併用する場合には主な交通手段でお答えください。

① 自家用車　② 自転車　③ 徒歩　④ バス
⑤ その他（　　）

（5）前問の交通手段での所要時間（片道）を教えてください。

約［　　分］

（6）前問の交通手段での費用（片道）を教えてください。
※交通手段でバス等の公共交通機関をお答え頂いた方のみご記入ください。
※大人1人あたりの費用（片道）をご記入ください。

約［　　円］

（7）1回の訪問における平均的な滞在時間を教えてください。

約［　　分］

（8）美和ダム及び美和湖周辺（取組み場所）に行ったときに他の場所も訪れましたか。
あてはまる番号を1つ選び、番号に○をつけてください。

① 美和ダム及び美和湖周辺に行き、他の場所は訪れなかった
② 主に別の場所に行き、ついでに美和ダム及び美和湖周辺にも寄った

## (2)調査アンケート票　5/9

あなたご自身のことについて、お尋ねします。

統計分析上の必要性から、アンケートにご協力くださったあなたご自身についてお尋ねしますが、個人データとして公表されることは絶対にございませんので、ご協力をお願いいたします。

【問１１】あなたの性別の番号に○をつけてください。

① 男性　② 女性

【問１２】あなたの年齢の番号に○をつけてください。

① １０歳代　② ２０歳代　③ ３０歳代　④ ４０歳代
⑤ ５０歳代　⑥ ６０歳代　⑦ ７０歳以上

【問１３】あなたの世帯で主な収入を得ておられる方のご職業は何ですか。あてはまるものを１つ選び、○で囲んでください。

① 自営　② 給与所得者（会社員、公務員等）
③ 会社・団体役員　④ パート・アルバイト
⑤ 年金生活者　⑥ 学生
⑦ その他（　　）

【問１４】あなたのお住まいの郵便番号をご記入ください。

郵便番号 □□□ - □□□□

【問１５】最後に、美和ダム及び美和湖周辺での取組み、本アンケート調査に対するご意見がございましたら、ご記入ください。

（ご意見）

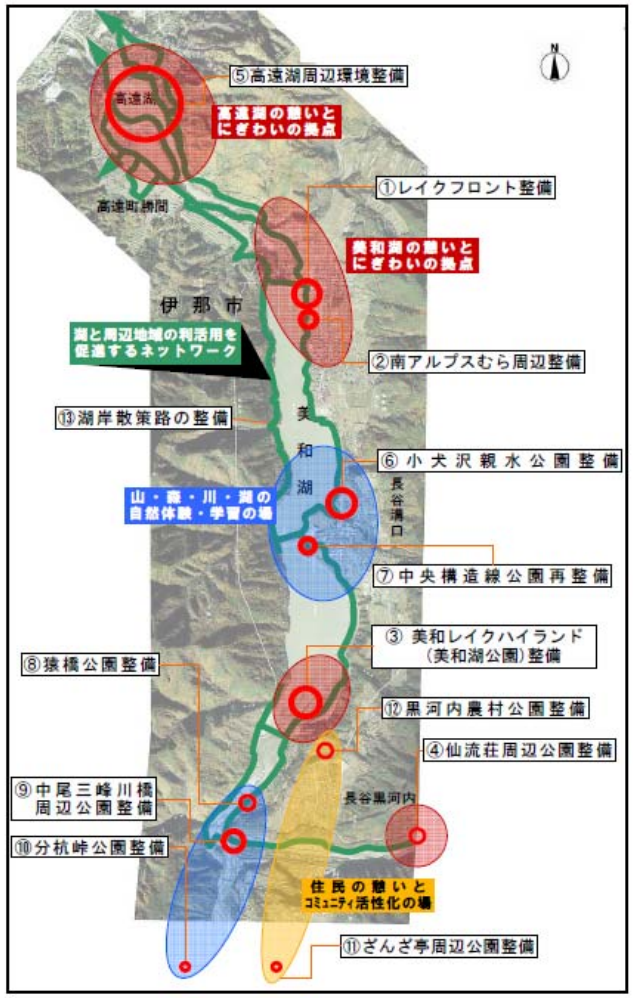
ご協力いただき、誠にありがとうございました。

9

説明資料

# 美和ダム及び美和湖周辺の環境整備 ー「地域に開かれたダム」計画の取組みとは？　1／4

美和ダムでは、「地域に開かれたダム整備計画」として、「美和ダム及び美和湖周辺の自然環境の保全、レクリエーションの場としての利便性を高め、地域の活性化につなげる」ことを目的とし、４つのテーマの取組みを行いました。




取組み場所　位置図

## テーマ１：美和湖・高遠湖の憩いとにぎわいの拠点

都市住民や上下流域住民との交流、交流促進のための情報発信、自然を活かした観光振興等を目的として、湖の自然環境を活かし、地域住民や観光客が憩える、楽しめる、そして、集い交流できるような環境整備を行いました。

［整備内容］
①レイクフロント整備　②南アルプスむら周辺整備　③美和レイクハイランド整備
④仙流荘周辺公園整備　⑤高遠湖周辺環境整備

## テーマ２：山・森・川・湖の自然体験・学習の場

美和湖を訪れる多くの観光客は、美和湖周辺の特徴である豊かな自然とのふれあいを求めて訪れます。それぞれの場所の自然の特徴を活かし、子供たちや観光客の自然体験と学習のための活動拠点の整備を行いました。

［整備内容］
⑥小犬沢親水公園整備　⑦中央構造線公園再整備　⑧猿橋公園整備
⑨中尾三峰川橋周辺公園整備　⑩分杭峠公園整備

## テーマ３：住民の憩いとコミュニティ活性化の場

美和湖周辺の自然環境を活かした質の高い生活環境、定住環境づくりを目指し、コミュニティ活性化の活動が推進できるような環境整備（公園づくり）を行いました。

［整備内容］
⑪ざんざ亭周辺公園整備　⑫黒河内農村公園整備

## テーマ４：湖と周辺地域の利活用を促進するネットワーク

美和湖の湖畔には、観光資源や施設が点在しています。そこで、湖の自然を満喫できるような散策路を設定し、湖畔の各観光資源や施設を結ぶことで、地域全体の利用を推進することを目的として、既存道路の安全性確保や新たな散策道の整備を行いました。

［整備内容］
⑬湖岸散策路の整備

⇒　裏面へ

説明資料

# 美和ダム及び美和湖周辺の環境整備 － 整備内容と利活用の様子

2／4

## テーマ１：美和湖・高遠湖の憩いとにぎわいの拠点

### ◆取組み前の美和ダム周辺の状況

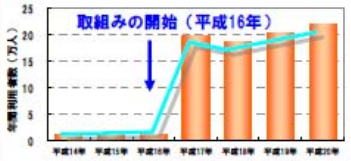
美和ダム周辺には、高速バスの停留所となっている道の駅「南アルプスむら長谷」、南アルプスの登山の入り口にある仙流荘、高遠の桜など、広域交流や情報発信の拠点となる施設が点在しています。

高遠湖周辺の桜の様子

### ◆取組み後の美和ダム周辺の状況

駐車場、トイレ、散策路などの整備を行い、施設周辺がさらに利活用しやすい環境になりました。

取組み箇所周辺は、日常的な散策から、レクレーション、イベントなど積極的に利活用されています。




美和湖周辺の利用者数の経年変化
※平成17年以降は南アルプスむらの利用者も含む

### ①レイクフロント整備 （スロープ、駐車場、階段護岸などの整備）

事業実施前

事業実施後

### ②南アルプスむら周辺整備 （基盤整備、トイレなどの整備）

事業実施前

事業実施後

### ③美和レイクハイランド（美和湖公園）整備 （多目的グラウンド、駐車場、トイレ、親水護岸、舟着場などの整備）

事業実施前

事業実施後

### ④仙流荘周辺公園整備 （マレットゴルフ場、駐車場、散策路などの整備）

事業実施前

事業実施後

### ⑤高遠湖周辺環境整備 （散策路、桜水、階段護岸、トイレ、植栽などの整備）

事業実施前

事業実施後

説明資料

# 美和ダム及び美和湖周辺の環境整備 － 整備内容と利活用の様子



## テーマ２：山・森・川・湖の自然体験・学習の場

### ◆取組み前の美和ダム周辺の状況

美和湖周辺は、豊かな自然を有しており、湖や南アルプス、「気場」として有名な分杭峠など、毎年多くの人々が豊かな自然を求めて訪れます。また、中央構造線が見られる中央構造線公園などがあります。

しかし、駐車場・トイレ・休憩できるスペースがないなど、利活用しにくい状況でした。また、子供達が安全にのびのびと自然体験学習ができるような場の整備を要望する声が多く出ていました。

### ◆取組み後の美和ダム周辺の状況

駐車場、トイレ、デッキテラスなどを整備し、快適に多くの人が自然体験を行えるようになるとともに、子供たちが安全に学習の場として利用できるようになりました。

取組み箇所は、多くの人々が自然体験に訪れ、また、子供たちの環境学習の場として利活用されています。

分杭峠を訪れる人々

小犬沢親水公園での
環境学習の様子

⇒　裏面へ

⑥小犬沢親水公園整備　（学習用のメダカ・ホタル飼育水路・田畑などの整備）

事業実施前

事業実施後

⑦中央構造線公園再整備　（見学デッキ、露出岩の保護、案内板などの整備）

事業実施前

事業実施後

⑧猿橋公園整備　（公園整備、碑の設置）

事業実施前

事業実施後

⑨中尾三峰川橋周辺公園整備　（デッキ、ベンチなどの整備）

事業実施前

事業実施後

⑩分杭峠公園整備　（見学・休憩・駐車スペース、散策路、トイレなどの整備）

事業実施前

事業実施後

説明資料

# 美和ダム及び美和湖周辺の環境整備 － 整備内容と利活用の様子



## テーマ３：住民の憩いとコミュニティ活性化の場

### ◆取組み前の美和ダム周辺の状況

ざんざ亭周辺は、三峰川が流れ、シーズンには釣り人や川遊びを楽しみに多くの人が訪れる他、周辺には地域活動に使われるグランドがあります。しかし、トイレがないなど、利活用が不便な状況でした。

また、黒河内では、花まつり等の交流イベントが活発に行われてきましたが、より大勢の参加者を受け入れるための会場がない状況でした。

### ◆取組み後の美和ダム周辺の状況

多目的広場やトイレなどの整備を行い、ざんざ亭や黒河内農村公園周辺が、さらに利活用しやすくなりました。

取組み箇所は、地域の運動会、イベントなどで活発に利用されています。

⑪ざんざ亭周辺公園整備　（グラウンド、トイレなどの整備）

事業実施前

事業実施後

⑫黒河内農村公園整備　（多目的広場、トイレなどの整備）

事業実施前

事業実施後

## テーマ４：湖と周辺地域の利活用を促進するネットワーク

### ◆取組み前の美和ダムの状況

美和湖、高遠湖周辺は、１年間を通して様々な美しい景観を持っており、特に紅葉や桜の時期には多くの観光客が訪れています。

しかし、湖畔を散策する道は途切れ途切れで、転落防止柵がない、凹凸が多く歩きにくい、土砂崩れの危険がある箇所など、安全に湖畔を散策できない状況でした。

### ◆取組み後の美和ダム周辺の状況

新たな散策路の設置、既存の道路の安全性の確保や、景観に配慮した修景を行うことで、湖の自然を満喫でき、周辺の施設を結ぶ散策コースが整備されました。 散策やジョギングなどに利用され、利用者が湖の四季の景色を楽しむ姿が見られます。

また、マラソンなど、学校の授業の一環で散策路が利用されるなど、副次的な効果も出ています。

⑬湖岸散策路整備　（散策路、落石防止ネット、手すりなどの整備）

美和湖・高遠湖岸散策路　位置図

事業実施前

事業実施後

# 宮川総合水系環境整備事業　様式集

平成24年10月31日
国土交通省 中部地方整備局
三重河川国道事務所

| | | | | | |
|---|---|---|---|---|---|
| 事業名（箇所名） | 宮川総合水系環境整備事業 | 担当課<br>担当課長名 | 水管理・国土保全局河川環境課 | 事業主体 | 中部地方整備局 |
| 実施箇所 | 三重県伊勢市、玉城町 | | | | |
| 該当基準 | 再評価実施後一定期間(3年間)が経過している事業 | | | | |
| 事業諸元 | 水辺整備事業　1式 | | | | |
| 事業期間 | 平成19年度～平成27年度 | | | | |
| 総事業費（億円） | 約15 | 残事業費（億円） | 約3.7 | | |

**目的・必要性**

＜解決すべき課題・背景＞
・宮川・勢田川は古くから伊勢神宮との関わりが深く、渡し跡などの歴史文化資源が残されているが、高水敷に不連続な区間が存在するなどにより、連続的・広域的な活用が妨げられていた。
・宮川・勢田川に残されている自然環境や歴史文化資源を活用し、連続的に利用できる河川空間を整備することにより、伊勢神宮をはじめとした周辺の歴史文化資源との連携を図り、地域の魅力の向上と活力ある都市空間の形成に寄与することを目的とする。

【水辺整備】
（宮川勢田川地区）
・宮川や勢田川には、伊勢神宮と関わる渡し跡や舟運、また古い街並みなど、さまざまな歴史的な資源が点在している。
・平成25年の式年遷宮に向けて、伊勢市では、歴史ある街並みの散策や既存の観光スポットを活用し、市街地整備と一体となった水辺整備により、川が都市の賑わいの中心となるような魅力ある水辺の創出を行うこととしている。
・河川敷には樹木が繁茂し、連続した利用ができない。また、水際に近づけず、安全な利用が妨げられている。
・勢田川の護岸は、一部未整備な区間が存在し、連続した利用が妨げられている。
・宮川、勢田川において、広い高水敷の整備や既存施設を活用し、散策などによる連続的な利用ができる水際空間整備といった、基盤の整備を実施する。

（昼田地区）
・隣接する川端地区では、伊勢地区かわまちづくりにより高水敷の整備が行われており、連続した利用による利用拡大が見込まれる。
・玉城町により、広い高水敷の活用が望まれている。
・河川空間管理計画では、自然利用ゾーンとして位置付けられており、自然とのふれあいの場としての利用が求められている。
・樹木が繁茂し、高水敷を利用できない。また、階段などがなく、水際に近づけないため、安全な利用が妨げられている。
・宮川の自然を活かした利用空間の整備を図る。
・水際に安全に近づけるよう、親水護岸の整備を行う。

＜達成すべき目標＞
【水辺整備】
親水護岸整備、高水敷整備などを実施することにより、親水やレクリエーションの場、地域振興の場などとして安全に利活用できる水辺空間の形成を図る。

＜政策体系上の位置付け＞
・政策目標
・施策目標

**便益の主な根拠**

【宮川総合水系環境整備事業】
（宮川勢田川水辺整備）【内訳】 水辺整備の効果による便益：35億円
【主な根拠】 支払い意志額：221円/世帯・月　受益世帯数：56,838世帯
（昼田地区水辺整備）【内訳】 水辺整備の効果による便益：14億円
【主な根拠】 支払い意志額：177円/世帯・月　受益世帯数：33,988世帯

| 事業全体の投資効率性 | 基準年度 | 平成24年度 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| B:総便益（億円） | 34 | C:総費用(億円) | 17 | B/C | 2.0 | B-C（億円） | 17 | EIRR（%） | 9.2 |
| 残事業の投資効率 | B:総便益（億円） | 14 | C:総費用(億円) | 3.8 | B/C | 3.7 | | | |

**感度分析**

| | 残事業（B／C） | 全体事業（B／C） |
|---|---|---|
| 残事業費（+10%～-10%） | 3.4 ～ 4.1 | 1.9 ～ 2.0 |
| 残工期（+10%～-10%） | ～ | ～ |
| 受益世帯数（-10%～+10%） | 3.2 ～ 3.9 | 1.8 ～ 2.2 |

**事業の効果等**

【水辺整備】
（宮川勢田川水辺整備）
・宮川、勢田川で水際を安全・快適に利用できるようになり、水と親しみやすくなることが期待される。
・伊勢神宮などの周辺観光地と連続した利用ができるようになり、さらなる利用の活性化が期待される。
・安全で利用しやすくなることから、環境教育などの場としての利用の拡大が期待される。

（昼田地区水辺整備）
・宮川の高水敷を安全・快適に利用できるようになり、スポーツやレクリエーション、地域住民の憩いの場となることが期待される。
・安全に川に近づけるようになることから、宮川の自然環境にふれあえる場となり、自然を活かした環境教育や自然観察の場としての利用の拡大が期待される。
・隣接する利用拠点と連続した利用ができるようになり、さらなる利用の活性化が期待される。

**社会経済情勢等の変化**

・宮川下流部の人口は、近年ほぼ横這いであるが、世帯数は増加している。
・伊勢神宮の入込客は、平成16年以降増加傾向であり、平成25年の式年遷宮に向けて、さらなる観光客の増加が期待される。
・宮川流域ルネッサンスの取り組みである、流域案内人による生物観察や清掃活動、デイキャンプなどの行事やその参加者数は年々増加しており、宮川を訪れる人は増加している。

**事業の進捗状況**

【水辺整備】
・H24年度末事業費ベースで約75%である。

**事業の進捗の見込み**

・宮川勢田川水辺整備事業では、伊勢市との調整のもと、計画が進められている。また、地域と一体となった環境保全活動（勢田川の浄化活動など）を実施している。このようなことから、今後事業を進めるにあたって大きな支障はないと考える。
・昼田地区水辺整備事業では、平成25年度から事業に着手する予定であり、玉城町においても事業計画が進められている。

**コスト縮減や代替案立案等の可能性**

・御薗地区の樹木伐開により発生する樹木は、一般への無料配布により処分費の削減を図るものとし、約100万円のコスト縮減が見込まれる。

**対応方針**

継続

**対応方針理由**

事業の必要性、事業進捗の見込み、コスト縮減、代替案の立案の可能性等、総合的な判断による。

**その他**

＜第三者委員会の意見・反映内容＞

＜三重県の意見・反映内容＞
・本事業は、宮川水系が有する魅力ある歴史文化や豊かな自然環境を安全に利活用できる水辺空間形成のために必要な事業です。今後も引き続き、本県と十分な調整をしていただき、効率的な事業執行によるコスト縮減と早期完成に向けた事業の確実な推進をお願いします。

# 宮川総合水系環境整備事業　概要図

対象事業の実施箇所

宮川総合水系環境整備事業（三重河川国道事務所）

▽感度分析（様式５）　目次


Case　①　全体事業

Case　②　全体事業（事業費＋10%）

Case　③　全体事業（事業費－10%）

Case　④　全体事業（受益世帯数＋10%）

Case　⑤　全体事業（受益世帯数－10%）

~~Case　⑥　全体事業（残工期＋10%）~~　※残工期が５年未満のため、算出不要

~~Case　⑦　全体事業（残工期－10%）~~　※残工期が５年未満のため、算出不要

Case　⑧　残事業

Case　⑨　残事業（事業費＋10%）

Case　⑩　残事業（事業費－10%）

Case　⑪　残事業（受益世帯数＋10%）

Case　⑫　残事業（受益世帯数－10%）

~~Case　⑬　残事業（残工期＋10%）~~　※残工期が５年未満のため、算出不要

~~Case　⑭　残事業（残工期－10%）~~　※残工期が５年未満のため、算出不要

# Case①

【費用便益算定シート・水系】

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（様式－５）

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | | 計（①＋②） | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | 564.0 | | 564.0 | 564.6 | 635.2 | | | | | | 564.0 | 564.6 | 635.2 |
| 備 | -2 | 2010 | 1.000 | 1.082 | 36.0 | | 36.0 | 36.0 | 39.0 | | | | | | 39.0 | 23.0 | | 23.0 | 23.0 | 24.9 | 1.4 | | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 36.0 | | 36.0 | 36.0 | 37.4 | | | | | | 37.4 | 337.7 | | 337.7 | 337.7 | 351.2 | 1.4 | | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| | 0 | 2012 | 1.000 | 1.000 | 111.2 | | 111.2 | 111.2 | 111.2 | | | | | | 111.2 | 217.1 | | 217.1 | 217.1 | 217.1 | 4.3 | | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 期 | 1 | 2013 | 1.000 | 0.962 | 135.5 | | 135.5 | 135.5 | 130.4 | | | | | | 130.4 | | 123.2 | 123.2 | 123.2 | 118.5 | 5.2 | | 5.2 | 5.2 | 5.0 | 128.4 | 128.4 | 123.5 |
| | 2 | 2014 | 1.000 | 0.925 | 135.5 | | 135.5 | 135.5 | 125.3 | | | | | | 125.3 | | 123.2 | 123.2 | 123.2 | 114.0 | 5.2 | | 5.2 | 5.2 | 4.8 | 128.4 | 128.4 | 118.8 |
| 間 | 3 | 2015 | 1.000 | 0.889 | 135.5 | | 135.5 | 135.5 | 120.5 | | | | | | 120.5 | | 126.0 | 126.0 | 126.0 | 112.0 | 5.2 | | 5.2 | 5.2 | 4.6 | 131.2 | 131.2 | 116.6 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 104.9 | 41.6 | 146.5 | 146.5 | 125.3 | | | | | | 125.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.8 | 6.8 | 6.8 | 5.8 |
| | 5 | 2017 | 1.000 | 0.822 | 104.9 | 41.6 | 146.5 | 146.5 | 120.4 | | | | | | 120.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.6 | 6.8 | 6.8 | 5.6 |
| | 6 | 2018 | 1.000 | 0.790 | 104.9 | 41.6 | 146.5 | 146.5 | 115.7 | | | | | | 115.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.4 | 6.8 | 6.8 | 5.4 |
| | 7 | 2019 | 1.000 | 0.760 | 104.9 | 41.6 | 146.5 | 146.5 | 111.3 | | | | | | 111.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.2 | 6.8 | 6.8 | 5.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | 104.9 | 41.6 | 146.5 | 146.5 | 107.1 | | | | | | 107.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.0 | 6.8 | 6.8 | 5.0 |
| | 9 | 2021 | 1.000 | 0.703 | 104.9 | 41.6 | 146.5 | 146.5 | 103.0 | | | | | | 103.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.8 | 6.8 | 6.8 | 4.8 |
| 完 | 10 | 2022 | 1.000 | 0.676 | 104.9 | 41.6 | 146.5 | 146.5 | 99.0 | | | | | | 99.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.6 | 6.8 | 6.8 | 4.6 |
| | 11 | 2023 | 1.000 | 0.650 | 104.9 | 41.6 | 146.5 | 146.5 | 95.2 | | | | | | 95.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.4 | 6.8 | 6.8 | 4.4 |
| | 12 | 2024 | 1.000 | 0.625 | 104.9 | 41.6 | 146.5 | 146.5 | 91.6 | | | | | | 91.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.3 | 6.8 | 6.8 | 4.3 |
| | 13 | 2025 | 1.000 | 0.601 | 104.9 | 41.6 | 146.5 | 146.5 | 88.0 | | | | | | 88.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.1 | 6.8 | 6.8 | 4.1 |
| 成 | 14 | 2026 | 1.000 | 0.577 | 104.9 | 41.6 | 146.5 | 146.5 | 84.5 | | | | | | 84.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.9 | 6.8 | 6.8 | 3.9 |
| | 15 | 2027 | 1.000 | 0.555 | 104.9 | 41.6 | 146.5 | 146.5 | 81.3 | | | | | | 81.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.8 | 6.8 | 6.8 | 3.8 |
| | 16 | 2028 | 1.000 | 0.534 | 104.9 | 41.6 | 146.5 | 146.5 | 78.2 | | | | | | 78.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.6 | 6.8 | 6.8 | 3.6 |
| | 17 | 2029 | 1.000 | 0.513 | 104.9 | 41.6 | 146.5 | 146.5 | 75.2 | | | | | | 75.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.5 | 6.8 | 6.8 | 3.5 |
| 後 | 18 | 2030 | 1.000 | 0.494 | 104.9 | 41.6 | 146.5 | 146.5 | 72.4 | | | | | | 72.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.4 | 6.8 | 6.8 | 3.4 |
| | 19 | 2031 | 1.000 | 0.475 | 104.9 | 41.6 | 146.5 | 146.5 | 69.6 | | | | | | 69.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.2 | 6.8 | 6.8 | 3.2 |
| | 20 | 2032 | 1.000 | 0.456 | 104.9 | 41.6 | 146.5 | 146.5 | 66.8 | | | | | | 66.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.1 | 6.8 | 6.8 | 3.1 |
| | 21 | 2033 | 1.000 | 0.439 | 104.9 | 41.6 | 146.5 | 146.5 | 64.3 | | | | | | 64.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.0 | 6.8 | 6.8 | 3.0 |
| の | 22 | 2034 | 1.000 | 0.422 | 104.9 | 41.6 | 146.5 | 146.5 | 61.8 | | | | | | 61.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.9 | 6.8 | 6.8 | 2.9 |
| | 23 | 2035 | 1.000 | 0.406 | 104.9 | 41.6 | 146.5 | 146.5 | 59.5 | | | | | | 59.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.8 | 6.8 | 6.8 | 2.8 |
| | 24 | 2036 | 1.000 | 0.390 | 104.9 | 41.6 | 146.5 | 146.5 | 57.1 | | | | | | 57.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.7 | 6.8 | 6.8 | 2.7 |
| | 25 | 2037 | 1.000 | 0.375 | 104.9 | 41.6 | 146.5 | 146.5 | 54.9 | | | | | | 54.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.6 | 6.8 | 6.8 | 2.6 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 104.9 | 41.6 | 146.5 | 146.5 | 52.9 | | | | | | 52.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.5 | 6.8 | 6.8 | 2.5 |
| | 27 | 2039 | 1.000 | 0.347 | 104.9 | 41.6 | 146.5 | 146.5 | 50.8 | | | | | | 50.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.4 | 6.8 | 6.8 | 2.4 |
| | 28 | 2040 | 1.000 | 0.333 | 104.9 | 41.6 | 146.5 | 146.5 | 48.8 | | | | | | 48.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.3 | 6.8 | 6.8 | 2.3 |
| 価 | 29 | 2041 | 1.000 | 0.321 | 104.9 | 41.6 | 146.5 | 146.5 | 47.0 | | | | | | 47.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.2 | 6.8 | 6.8 | 2.2 |
| | 30 | 2042 | 1.000 | 0.308 | 104.9 | 41.6 | 146.5 | 146.5 | 45.1 | | | | | | 45.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.1 | 6.8 | 6.8 | 2.1 |
| | 31 | 2043 | 1.000 | 0.296 | 104.9 | 41.6 | 146.5 | 146.5 | 43.4 | | | | | | 43.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.0 | 6.8 | 6.8 | 2.0 |
| | 32 | 2044 | 1.000 | 0.285 | 104.9 | 41.6 | 146.5 | 146.5 | 41.8 | | | | | | 41.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 104.9 | 41.6 | 146.5 | 146.5 | 40.1 | | | | | | 40.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 34 | 2046 | 1.000 | 0.264 | 104.9 | 41.6 | 146.5 | 146.5 | 38.7 | | | | | | 38.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.8 | 6.8 | 6.8 | 1.8 |
| | 35 | 2047 | 1.000 | 0.253 | 104.9 | 41.6 | 146.5 | 146.5 | 37.1 | | | | | | 37.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 36 | 2048 | 1.000 | 0.244 | 104.9 | 41.6 | 146.5 | 146.5 | 35.7 | | | | | | 35.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 104.9 | 41.6 | 146.5 | 146.5 | 34.3 | | | | | | 34.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.6 | 6.8 | 6.8 | 1.6 |
| | 38 | 2050 | 1.000 | 0.225 | 104.9 | 41.6 | 146.5 | 146.5 | 33.0 | | | | | | 33.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 39 | 2051 | 1.000 | 0.217 | 104.9 | 41.6 | 146.5 | 146.5 | 31.8 | | | | | | 31.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 40 | 2052 | 1.000 | 0.208 | 104.9 | 41.6 | 146.5 | 146.5 | 30.5 | | | | | | 30.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 104.9 | 41.6 | 146.5 | 146.5 | 29.3 | | | | | | 29.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 42 | 2054 | 1.000 | 0.193 | 104.9 | 41.6 | 146.5 | 146.5 | 28.3 | | | | | | 28.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 43 | 2055 | 1.000 | 0.185 | 104.9 | 41.6 | 146.5 | 146.5 | 27.1 | | | | | | 27.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 44 | 2056 | 1.000 | 0.178 | 104.9 | 41.6 | 146.5 | 146.5 | 26.1 | | | | | | 26.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 104.9 | 41.6 | 146.5 | 146.5 | 25.1 | | | | | | 25.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 104.9 | 41.6 | 146.5 | 146.5 | 24.2 | | | | | | 24.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 47 | 2059 | 1.000 | 0.158 | 104.9 | 41.6 | 146.5 | 146.5 | 23.1 | | | | | | 23.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 48 | 2060 | 1.000 | 0.152 | 104.9 | 41.6 | 146.5 | 146.5 | 22.3 | | | | | | 22.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 104.9 | 41.6 | 146.5 | 146.5 | 21.4 | | | | | | 21.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| | 50 | 2062 | 1.000 | 0.141 | 104.9 | 41.6 | 146.5 | 146.5 | 20.7 | 242.6 | | 242.6 | 242.6 | 34.2 | 54.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 0.96 | 6.8 | 6.8 | 0.96 |
| | 51 | 2063 | 1.000 | 0.135 | | 41.6 | 41.6 | 41.6 | 5.6 | | | | | | 5.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 41.6 | 41.6 | 41.6 | 5.4 | | | | | | 5.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ） | 53 | 2065 | 1.000 | 0.125 | | 41.6 | 41.6 | 41.6 | 5.2 | | 28.6 | 28.6 | 28.6 | 3.6 | 8.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 5,520 | 2,080 | 7,600 | 7,600 | 3,321 | 243 | 29 | 271 | 271 | 37.8 | 3,358 =B | 1,142 | 372 | 1,514 | 1,515 | 1,573 | 267 | 81 | 349 | 349 | 150 | 1,863 | 1,864 | 1,723 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 34 |
| 総費用（億円） | C | 17 |
| **費用便益比** | **B／C** | **2.0** |
| 純現在価値（億円） | B－C | 17 |
| 経済的内部収益率 | | 9.2% |

# Case②

【費用便益算定シート・水系　事業費+10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | | 建設費③ | | | | | 維持管理費④ | | | | | 計③+④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 計（①+②） | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | 564.0 | | 564.0 | 564.6 | 635.2 | | | | | | 564.0 | 564.6 | 635.2 |
| 備 | -2 | 2010 | 1.000 | 1.082 | 36.0 | | 36.0 | 36.0 | 39.0 | | | | | | 39.0 | 23.0 | | 23.0 | 23.0 | 24.9 | 1.4 | | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 36.0 | | 36.0 | 36.0 | 37.4 | | | | | | 37.4 | 337.7 | | 337.7 | 337.7 | 351.2 | 1.4 | | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| | 0 | 2012 | 1.000 | 1.000 | 111.2 | | 111.2 | 111.2 | 111.2 | | | | | | 111.2 | 217.1 | | 217.1 | 217.1 | 217.1 | 4.3 | | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 期 | 1 | 2013 | 1.000 | 0.962 | 135.5 | | 135.5 | 135.5 | 130.4 | | | | | | 130.4 | | 135.5 | 135.5 | 135.5 | 130.4 | 5.2 | | 5.2 | 5.2 | 5.0 | 140.7 | 140.7 | 135.4 |
| | 2 | 2014 | 1.000 | 0.925 | 135.5 | | 135.5 | 135.5 | 125.3 | | | | | | 125.3 | | 135.5 | 135.5 | 135.5 | 125.3 | 5.2 | | 5.2 | 5.2 | 4.8 | 140.7 | 140.7 | 130.1 |
| 間 | 3 | 2015 | 1.000 | 0.889 | 135.5 | | 135.5 | 135.5 | 120.5 | | | | | | 120.5 | | 138.6 | 138.6 | 138.6 | 123.2 | 5.2 | | 5.2 | 5.2 | 4.6 | 143.8 | 143.8 | 127.8 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 104.9 | 41.6 | 146.5 | 146.5 | 125.3 | | | | | | 125.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.8 | 6.8 | 6.8 | 5.8 |
| | 5 | 2017 | 1.000 | 0.822 | 104.9 | 41.6 | 146.5 | 146.5 | 120.4 | | | | | | 120.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.6 | 6.8 | 6.8 | 5.6 |
| | 6 | 2018 | 1.000 | 0.790 | 104.9 | 41.6 | 146.5 | 146.5 | 115.7 | | | | | | 115.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.4 | 6.8 | 6.8 | 5.4 |
| | 7 | 2019 | 1.000 | 0.760 | 104.9 | 41.6 | 146.5 | 146.5 | 111.3 | | | | | | 111.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.2 | 6.8 | 6.8 | 5.2 |
| | 8 | 2020 | 1.000 | 0.731 | 104.9 | 41.6 | 146.5 | 146.5 | 107.1 | | | | | | 107.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.0 | 6.8 | 6.8 | 5.0 |
| | 9 | 2021 | 1.000 | 0.703 | 104.9 | 41.6 | 146.5 | 146.5 | 103.0 | | | | | | 103.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.8 | 6.8 | 6.8 | 4.8 |
| | 10 | 2022 | 1.000 | 0.676 | 104.9 | 41.6 | 146.5 | 146.5 | 99.0 | | | | | | 99.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.6 | 6.8 | 6.8 | 4.6 |
| | 11 | 2023 | 1.000 | 0.650 | 104.9 | 41.6 | 146.5 | 146.5 | 95.2 | | | | | | 95.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.4 | 6.8 | 6.8 | 4.4 |
| | 12 | 2024 | 1.000 | 0.625 | 104.9 | 41.6 | 146.5 | 146.5 | 91.6 | | | | | | 91.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.3 | 6.8 | 6.8 | 4.3 |
| | 13 | 2025 | 1.000 | 0.601 | 104.9 | 41.6 | 146.5 | 146.5 | 88.0 | | | | | | 88.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.1 | 6.8 | 6.8 | 4.1 |
| | 14 | 2026 | 1.000 | 0.577 | 104.9 | 41.6 | 146.5 | 146.5 | 84.5 | | | | | | 84.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.9 | 6.8 | 6.8 | 3.9 |
| | 15 | 2027 | 1.000 | 0.555 | 104.9 | 41.6 | 146.5 | 146.5 | 81.3 | | | | | | 81.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.8 | 6.8 | 6.8 | 3.8 |
| | 16 | 2028 | 1.000 | 0.534 | 104.9 | 41.6 | 146.5 | 146.5 | 78.2 | | | | | | 78.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.6 | 6.8 | 6.8 | 3.6 |
| | 17 | 2029 | 1.000 | 0.513 | 104.9 | 41.6 | 146.5 | 146.5 | 75.2 | | | | | | 75.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.5 | 6.8 | 6.8 | 3.5 |
| | 18 | 2030 | 1.000 | 0.494 | 104.9 | 41.6 | 146.5 | 146.5 | 72.4 | | | | | | 72.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.4 | 6.8 | 6.8 | 3.4 |
| | 19 | 2031 | 1.000 | 0.475 | 104.9 | 41.6 | 146.5 | 146.5 | 69.6 | | | | | | 69.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.2 | 6.8 | 6.8 | 3.2 |
| | 20 | 2032 | 1.000 | 0.456 | 104.9 | 41.6 | 146.5 | 146.5 | 66.8 | | | | | | 66.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.1 | 6.8 | 6.8 | 3.1 |
| | 21 | 2033 | 1.000 | 0.439 | 104.9 | 41.6 | 146.5 | 146.5 | 64.3 | | | | | | 64.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.0 | 6.8 | 6.8 | 3.0 |
| | 22 | 2034 | 1.000 | 0.422 | 104.9 | 41.6 | 146.5 | 146.5 | 61.8 | | | | | | 61.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.9 | 6.8 | 6.8 | 2.9 |
| | 23 | 2035 | 1.000 | 0.406 | 104.9 | 41.6 | 146.5 | 146.5 | 59.5 | | | | | | 59.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.8 | 6.8 | 6.8 | 2.8 |
| | 24 | 2036 | 1.000 | 0.390 | 104.9 | 41.6 | 146.5 | 146.5 | 57.1 | | | | | | 57.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.7 | 6.8 | 6.8 | 2.7 |
| | 25 | 2037 | 1.000 | 0.375 | 104.9 | 41.6 | 146.5 | 146.5 | 54.9 | | | | | | 54.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.6 | 6.8 | 6.8 | 2.6 |
| | 26 | 2038 | 1.000 | 0.361 | 104.9 | 41.6 | 146.5 | 146.5 | 52.9 | | | | | | 52.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.5 | 6.8 | 6.8 | 2.5 |
| | 27 | 2039 | 1.000 | 0.347 | 104.9 | 41.6 | 146.5 | 146.5 | 50.8 | | | | | | 50.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.4 | 6.8 | 6.8 | 2.4 |
| | 28 | 2040 | 1.000 | 0.333 | 104.9 | 41.6 | 146.5 | 146.5 | 48.8 | | | | | | 48.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.3 | 6.8 | 6.8 | 2.3 |
| | 29 | 2041 | 1.000 | 0.321 | 104.9 | 41.6 | 146.5 | 146.5 | 47.0 | | | | | | 47.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.2 | 6.8 | 6.8 | 2.2 |
| | 30 | 2042 | 1.000 | 0.308 | 104.9 | 41.6 | 146.5 | 146.5 | 45.1 | | | | | | 45.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.1 | 6.8 | 6.8 | 2.1 |
| | 31 | 2043 | 1.000 | 0.296 | 104.9 | 41.6 | 146.5 | 146.5 | 43.4 | | | | | | 43.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.0 | 6.8 | 6.8 | 2.0 |
| | 32 | 2044 | 1.000 | 0.285 | 104.9 | 41.6 | 146.5 | 146.5 | 41.8 | | | | | | 41.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 33 | 2045 | 1.000 | 0.274 | 104.9 | 41.6 | 146.5 | 146.5 | 40.1 | | | | | | 40.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 34 | 2046 | 1.000 | 0.264 | 104.9 | 41.6 | 146.5 | 146.5 | 38.7 | | | | | | 38.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.8 | 6.8 | 6.8 | 1.8 |
| | 35 | 2047 | 1.000 | 0.253 | 104.9 | 41.6 | 146.5 | 146.5 | 37.1 | | | | | | 37.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 36 | 2048 | 1.000 | 0.244 | 104.9 | 41.6 | 146.5 | 146.5 | 35.7 | | | | | | 35.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 37 | 2049 | 1.000 | 0.234 | 104.9 | 41.6 | 146.5 | 146.5 | 34.3 | | | | | | 34.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.6 | 6.8 | 6.8 | 1.6 |
| | 38 | 2050 | 1.000 | 0.225 | 104.9 | 41.6 | 146.5 | 146.5 | 33.0 | | | | | | 33.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 39 | 2051 | 1.000 | 0.217 | 104.9 | 41.6 | 146.5 | 146.5 | 31.8 | | | | | | 31.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 40 | 2052 | 1.000 | 0.208 | 104.9 | 41.6 | 146.5 | 146.5 | 30.5 | | | | | | 30.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 41 | 2053 | 1.000 | 0.200 | 104.9 | 41.6 | 146.5 | 146.5 | 29.3 | | | | | | 29.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 42 | 2054 | 1.000 | 0.193 | 104.9 | 41.6 | 146.5 | 146.5 | 28.3 | | | | | | 28.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 43 | 2055 | 1.000 | 0.185 | 104.9 | 41.6 | 146.5 | 146.5 | 27.1 | | | | | | 27.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 44 | 2056 | 1.000 | 0.178 | 104.9 | 41.6 | 146.5 | 146.5 | 26.1 | | | | | | 26.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 104.9 | 41.6 | 146.5 | 146.5 | 25.1 | | | | | | 25.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 104.9 | 41.6 | 146.5 | 146.5 | 24.2 | | | | | | 24.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 47 | 2059 | 1.000 | 0.158 | 104.9 | 41.6 | 146.5 | 146.5 | 23.1 | | | | | | 23.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 48 | 2060 | 1.000 | 0.152 | 104.9 | 41.6 | 146.5 | 146.5 | 22.3 | | | | | | 22.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| | 49 | 2061 | 1.000 | 0.146 | 104.9 | 41.6 | 146.5 | 146.5 | 21.4 | | | | | | 21.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| 年 | 50 | 2062 | 1.000 | 0.141 | 104.9 | 41.6 | 146.5 | 146.5 | 20.7 | 266.9 | | 266.9 | 266.9 | 37.6 | 58.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 0.96 | 6.8 | 6.8 | 0.96 |
| | 51 | 2063 | 1.000 | 0.135 | | 41.6 | 41.6 | 41.6 | 5.6 | | | | | | 5.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 41.6 | 41.6 | 41.6 | 5.4 | | | | | | 5.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | | 41.6 | 41.6 | 41.6 | 5.2 | | 31.5 | 31.5 | 31.5 | 3.9 | 9.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 5,520 | 2,080 | 7,600 | 7,600 | 3,321 | 267 | 31 | 298 | 298 | 41.5 | 3,362 =B | 1,142 | 410 | 1,551 | 1,552 | 1,607 | 267 | 81 | 349 | 349 | 150 | 1,900 | 1,901 | 1,757 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 34 |
| 総費用（億円） | C | 18 |
| **費用便益比** | **B／C** | **1.9** |
| 純現在価値（億円） | B－C | 16 |
| 経済的内部収益率 | | 9.0% |

# Case③

【費用便益算定シート・水系　事業費-10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計 | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | (①＋②) | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | 564.0 | | 564.0 | 564.6 | 635.2 | | | | | | 564.0 | 564.6 | 635.2 |
| 備 | -2 | 2010 | 1.000 | 1.082 | 36.0 | | 36.0 | 36.0 | 39.0 | | | | | | 39.0 | 23.0 | | 23.0 | 23.0 | 24.9 | 1.4 | | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 36.0 | | 36.0 | 36.0 | 37.4 | | | | | | 37.4 | 337.7 | | 337.7 | 337.7 | 351.2 | 1.4 | | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| | 0 | 2012 | 1.000 | 1.000 | 111.2 | | 111.2 | 111.2 | 111.2 | | | | | | 111.2 | 217.1 | | 217.1 | 217.1 | 217.1 | 4.3 | | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 期 | 1 | 2013 | 1.000 | 0.962 | 135.5 | | 135.5 | 135.5 | 130.4 | | | | | | 130.4 | | 110.9 | 110.9 | 110.9 | 106.7 | 5.2 | | 5.2 | 5.2 | 5.0 | 116.1 | 116.1 | 111.7 |
| | 2 | 2014 | 1.000 | 0.925 | 135.5 | | 135.5 | 135.5 | 125.3 | | | | | | 125.3 | | 110.9 | 110.9 | 110.9 | 102.6 | 5.2 | | 5.2 | 5.2 | 4.8 | 116.1 | 116.1 | 107.4 |
| 間 | 3 | 2015 | 1.000 | 0.889 | 135.5 | | 135.5 | 135.5 | 120.5 | | | | | | 120.5 | | 113.4 | 113.4 | 113.4 | 100.8 | 5.2 | | 5.2 | 5.2 | 4.6 | 118.6 | 118.6 | 105.4 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 104.9 | 41.6 | 146.5 | 146.5 | 125.3 | | | | | | 125.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.8 | 6.8 | 6.8 | 5.8 |
| | 5 | 2017 | 1.000 | 0.822 | 104.9 | 41.6 | 146.5 | 146.5 | 120.4 | | | | | | 120.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.6 | 6.8 | 6.8 | 5.6 |
| | 6 | 2018 | 1.000 | 0.790 | 104.9 | 41.6 | 146.5 | 146.5 | 115.7 | | | | | | 115.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.4 | 6.8 | 6.8 | 5.4 |
| | 7 | 2019 | 1.000 | 0.760 | 104.9 | 41.6 | 146.5 | 146.5 | 111.3 | | | | | | 111.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.2 | 6.8 | 6.8 | 5.2 |
| | 8 | 2020 | 1.000 | 0.731 | 104.9 | 41.6 | 146.5 | 146.5 | 107.1 | | | | | | 107.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.0 | 6.8 | 6.8 | 5.0 |
| | 9 | 2021 | 1.000 | 0.703 | 104.9 | 41.6 | 146.5 | 146.5 | 103.0 | | | | | | 103.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.8 | 6.8 | 6.8 | 4.8 |
| | 10 | 2022 | 1.000 | 0.676 | 104.9 | 41.6 | 146.5 | 146.5 | 99.0 | | | | | | 99.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.6 | 6.8 | 6.8 | 4.6 |
| | 11 | 2023 | 1.000 | 0.650 | 104.9 | 41.6 | 146.5 | 146.5 | 95.2 | | | | | | 95.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.4 | 6.8 | 6.8 | 4.4 |
| | 12 | 2024 | 1.000 | 0.625 | 104.9 | 41.6 | 146.5 | 146.5 | 91.6 | | | | | | 91.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.3 | 6.8 | 6.8 | 4.3 |
| | 13 | 2025 | 1.000 | 0.601 | 104.9 | 41.6 | 146.5 | 146.5 | 88.0 | | | | | | 88.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.1 | 6.8 | 6.8 | 4.1 |
| | 14 | 2026 | 1.000 | 0.577 | 104.9 | 41.6 | 146.5 | 146.5 | 84.5 | | | | | | 84.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.9 | 6.8 | 6.8 | 3.9 |
| | 15 | 2027 | 1.000 | 0.555 | 104.9 | 41.6 | 146.5 | 146.5 | 81.3 | | | | | | 81.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.8 | 6.8 | 6.8 | 3.8 |
| | 16 | 2028 | 1.000 | 0.534 | 104.9 | 41.6 | 146.5 | 146.5 | 78.2 | | | | | | 78.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.6 | 6.8 | 6.8 | 3.6 |
| | 17 | 2029 | 1.000 | 0.513 | 104.9 | 41.6 | 146.5 | 146.5 | 75.2 | | | | | | 75.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.5 | 6.8 | 6.8 | 3.5 |
| | 18 | 2030 | 1.000 | 0.494 | 104.9 | 41.6 | 146.5 | 146.5 | 72.4 | | | | | | 72.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.4 | 6.8 | 6.8 | 3.4 |
| | 19 | 2031 | 1.000 | 0.475 | 104.9 | 41.6 | 146.5 | 146.5 | 69.6 | | | | | | 69.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.2 | 6.8 | 6.8 | 3.2 |
| | 20 | 2032 | 1.000 | 0.456 | 104.9 | 41.6 | 146.5 | 146.5 | 66.8 | | | | | | 66.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.1 | 6.8 | 6.8 | 3.1 |
| | 21 | 2033 | 1.000 | 0.439 | 104.9 | 41.6 | 146.5 | 146.5 | 64.3 | | | | | | 64.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.0 | 6.8 | 6.8 | 3.0 |
| | 22 | 2034 | 1.000 | 0.422 | 104.9 | 41.6 | 146.5 | 146.5 | 61.8 | | | | | | 61.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.9 | 6.8 | 6.8 | 2.9 |
| | 23 | 2035 | 1.000 | 0.406 | 104.9 | 41.6 | 146.5 | 146.5 | 59.5 | | | | | | 59.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.8 | 6.8 | 6.8 | 2.8 |
| | 24 | 2036 | 1.000 | 0.390 | 104.9 | 41.6 | 146.5 | 146.5 | 57.1 | | | | | | 57.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.7 | 6.8 | 6.8 | 2.7 |
| | 25 | 2037 | 1.000 | 0.375 | 104.9 | 41.6 | 146.5 | 146.5 | 54.9 | | | | | | 54.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.6 | 6.8 | 6.8 | 2.6 |
| | 26 | 2038 | 1.000 | 0.361 | 104.9 | 41.6 | 146.5 | 146.5 | 52.9 | | | | | | 52.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.5 | 6.8 | 6.8 | 2.5 |
| | 27 | 2039 | 1.000 | 0.347 | 104.9 | 41.6 | 146.5 | 146.5 | 50.8 | | | | | | 50.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.4 | 6.8 | 6.8 | 2.4 |
| | 28 | 2040 | 1.000 | 0.333 | 104.9 | 41.6 | 146.5 | 146.5 | 48.8 | | | | | | 48.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.3 | 6.8 | 6.8 | 2.3 |
| | 29 | 2041 | 1.000 | 0.321 | 104.9 | 41.6 | 146.5 | 146.5 | 47.0 | | | | | | 47.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.2 | 6.8 | 6.8 | 2.2 |
| | 30 | 2042 | 1.000 | 0.308 | 104.9 | 41.6 | 146.5 | 146.5 | 45.1 | | | | | | 45.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.1 | 6.8 | 6.8 | 2.1 |
| | 31 | 2043 | 1.000 | 0.296 | 104.9 | 41.6 | 146.5 | 146.5 | 43.4 | | | | | | 43.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.0 | 6.8 | 6.8 | 2.0 |
| | 32 | 2044 | 1.000 | 0.285 | 104.9 | 41.6 | 146.5 | 146.5 | 41.8 | | | | | | 41.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 33 | 2045 | 1.000 | 0.274 | 104.9 | 41.6 | 146.5 | 146.5 | 40.1 | | | | | | 40.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 34 | 2046 | 1.000 | 0.264 | 104.9 | 41.6 | 146.5 | 146.5 | 38.7 | | | | | | 38.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.8 | 6.8 | 6.8 | 1.8 |
| | 35 | 2047 | 1.000 | 0.253 | 104.9 | 41.6 | 146.5 | 146.5 | 37.1 | | | | | | 37.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 36 | 2048 | 1.000 | 0.244 | 104.9 | 41.6 | 146.5 | 146.5 | 35.7 | | | | | | 35.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 37 | 2049 | 1.000 | 0.234 | 104.9 | 41.6 | 146.5 | 146.5 | 34.3 | | | | | | 34.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.6 | 6.8 | 6.8 | 1.6 |
| | 38 | 2050 | 1.000 | 0.225 | 104.9 | 41.6 | 146.5 | 146.5 | 33.0 | | | | | | 33.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 39 | 2051 | 1.000 | 0.217 | 104.9 | 41.6 | 146.5 | 146.5 | 31.8 | | | | | | 31.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 40 | 2052 | 1.000 | 0.208 | 104.9 | 41.6 | 146.5 | 146.5 | 30.5 | | | | | | 30.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 41 | 2053 | 1.000 | 0.200 | 104.9 | 41.6 | 146.5 | 146.5 | 29.3 | | | | | | 29.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 42 | 2054 | 1.000 | 0.193 | 104.9 | 41.6 | 146.5 | 146.5 | 28.3 | | | | | | 28.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 43 | 2055 | 1.000 | 0.185 | 104.9 | 41.6 | 146.5 | 146.5 | 27.1 | | | | | | 27.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 44 | 2056 | 1.000 | 0.178 | 104.9 | 41.6 | 146.5 | 146.5 | 26.1 | | | | | | 26.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 104.9 | 41.6 | 146.5 | 146.5 | 25.1 | | | | | | 25.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 104.9 | 41.6 | 146.5 | 146.5 | 24.2 | | | | | | 24.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 47 | 2059 | 1.000 | 0.158 | 104.9 | 41.6 | 146.5 | 146.5 | 23.1 | | | | | | 23.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 48 | 2060 | 1.000 | 0.152 | 104.9 | 41.6 | 146.5 | 146.5 | 22.3 | | | | | | 22.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 104.9 | 41.6 | 146.5 | 146.5 | 21.4 | | | | | | 21.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| | 50 | 2062 | 1.000 | 0.141 | 104.9 | 41.6 | 146.5 | 146.5 | 20.7 | 218.4 | | 218.4 | 218.4 | 30.8 | 51.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 0.96 | 6.8 | 6.8 | 0.96 |
| | 51 | 2063 | 1.000 | 0.135 | | 41.6 | 41.6 | 41.6 | 5.6 | | | | | | 5.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 41.6 | 41.6 | 41.6 | 5.4 | | | | | | 5.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | | 41.6 | 41.6 | 41.6 | 5.2 | | 25.7 | 25.7 | 25.7 | 3.2 | 8.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 5,520 | 2,080 | 7,600 | 7,600 | 3,321 | 218 | 26 | 244 | 244 | 34.0 | 3,355 =B | 1,142 | 335 | 1,477 | 1,478 | 1,539 | 267 | 81 | 349 | 349 | 150 | 1,826 | 1,826 | 1,689 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 34 |
| 総費用（億円） | C | 17 |
| **費用便益比** | **B／C** | **2.0** |
| 純現在価値（億円） | B－C | 17 |
| 経済的内部収益率 | | 9.4% |

# Case④

【費用便益算定シート・水系　世帯数+10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 計（①＋②） | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | 564.0 | | 564.0 | 564.6 | 635.2 | | | | | | 564.0 | 564.6 | 635.2 |
| 備 | -2 | 2010 | 1.000 | 1.082 | 39.6 | | 39.6 | 39.6 | 42.8 | | | | | | 42.8 | 23.0 | | 23.0 | 23.0 | 24.9 | 1.4 | | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 39.6 | | 39.6 | 39.6 | 41.2 | | | | | | 41.2 | 337.7 | | 337.7 | 337.7 | 351.2 | 1.4 | | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 期 | 0 | 2012 | 1.000 | 1.000 | 122.3 | | 122.3 | 122.3 | 122.3 | | | | | | 122.3 | 217.1 | | 217.1 | 217.1 | 217.1 | 4.3 | | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| | 1 | 2013 | 1.000 | 0.962 | 149.1 | | 149.1 | 149.1 | 143.4 | | | | | | 143.4 | | 123.2 | 123.2 | 123.2 | 118.5 | 5.2 | | 5.2 | 5.2 | 5.0 | 128.4 | 128.4 | 123.5 |
| 間 | 2 | 2014 | 1.000 | 0.925 | 149.1 | | 149.1 | 149.1 | 137.9 | | | | | | 137.9 | | 123.2 | 123.2 | 123.2 | 114.0 | 5.2 | | 5.2 | 5.2 | 4.8 | 128.4 | 128.4 | 118.8 |
| | 3 | 2015 | 1.000 | 0.889 | 149.1 | | 149.1 | 149.1 | 132.5 | | | | | | 132.5 | | 126.0 | 126.0 | 126.0 | 112.0 | 5.2 | | 5.2 | 5.2 | 4.6 | 131.2 | 131.2 | 116.6 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 115.4 | 45.7 | 161.1 | 161.1 | 137.7 | | | | | | 137.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.8 | 6.8 | 6.8 | 5.8 |
| | 5 | 2017 | 1.000 | 0.822 | 115.4 | 45.7 | 161.1 | 161.1 | 132.4 | | | | | | 132.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.6 | 6.8 | 6.8 | 5.6 |
| | 6 | 2018 | 1.000 | 0.790 | 115.4 | 45.7 | 161.1 | 161.1 | 127.3 | | | | | | 127.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.4 | 6.8 | 6.8 | 5.4 |
| | 7 | 2019 | 1.000 | 0.760 | 115.4 | 45.7 | 161.1 | 161.1 | 122.4 | | | | | | 122.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.2 | 6.8 | 6.8 | 5.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | 115.4 | 45.7 | 161.1 | 161.1 | 117.8 | | | | | | 117.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.0 | 6.8 | 6.8 | 5.0 |
| | 9 | 2021 | 1.000 | 0.703 | 115.4 | 45.7 | 161.1 | 161.1 | 113.3 | | | | | | 113.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.8 | 6.8 | 6.8 | 4.8 |
| | 10 | 2022 | 1.000 | 0.676 | 115.4 | 45.7 | 161.1 | 161.1 | 108.9 | | | | | | 108.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.6 | 6.8 | 6.8 | 4.6 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 115.4 | 45.7 | 161.1 | 161.1 | 104.7 | | | | | | 104.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.4 | 6.8 | 6.8 | 4.4 |
| | 12 | 2024 | 1.000 | 0.625 | 115.4 | 45.7 | 161.1 | 161.1 | 100.7 | | | | | | 100.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.3 | 6.8 | 6.8 | 4.3 |
| | 13 | 2025 | 1.000 | 0.601 | 115.4 | 45.7 | 161.1 | 161.1 | 96.8 | | | | | | 96.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.1 | 6.8 | 6.8 | 4.1 |
| 成 | 14 | 2026 | 1.000 | 0.577 | 115.4 | 45.7 | 161.1 | 161.1 | 93.0 | | | | | | 93.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.9 | 6.8 | 6.8 | 3.9 |
| | 15 | 2027 | 1.000 | 0.555 | 115.4 | 45.7 | 161.1 | 161.1 | 89.4 | | | | | | 89.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.8 | 6.8 | 6.8 | 3.8 |
| | 16 | 2028 | 1.000 | 0.534 | 115.4 | 45.7 | 161.1 | 161.1 | 86.0 | | | | | | 86.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.6 | 6.8 | 6.8 | 3.6 |
| | 17 | 2029 | 1.000 | 0.513 | 115.4 | 45.7 | 161.1 | 161.1 | 82.6 | | | | | | 82.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.5 | 6.8 | 6.8 | 3.5 |
| | 18 | 2030 | 1.000 | 0.494 | 115.4 | 45.7 | 161.1 | 161.1 | 79.6 | | | | | | 79.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.4 | 6.8 | 6.8 | 3.4 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 115.4 | 45.7 | 161.1 | 161.1 | 76.5 | | | | | | 76.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.2 | 6.8 | 6.8 | 3.2 |
| | 20 | 2032 | 1.000 | 0.456 | 115.4 | 45.7 | 161.1 | 161.1 | 73.5 | | | | | | 73.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.1 | 6.8 | 6.8 | 3.1 |
| | 21 | 2033 | 1.000 | 0.439 | 115.4 | 45.7 | 161.1 | 161.1 | 70.7 | | | | | | 70.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.0 | 6.8 | 6.8 | 3.0 |
| | 22 | 2034 | 1.000 | 0.422 | 115.4 | 45.7 | 161.1 | 161.1 | 68.0 | | | | | | 68.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.9 | 6.8 | 6.8 | 2.9 |
| | 23 | 2035 | 1.000 | 0.406 | 115.4 | 45.7 | 161.1 | 161.1 | 65.4 | | | | | | 65.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.8 | 6.8 | 6.8 | 2.8 |
| | 24 | 2036 | 1.000 | 0.390 | 115.4 | 45.7 | 161.1 | 161.1 | 62.8 | | | | | | 62.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.7 | 6.8 | 6.8 | 2.7 |
| | 25 | 2037 | 1.000 | 0.375 | 115.4 | 45.7 | 161.1 | 161.1 | 60.4 | | | | | | 60.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.6 | 6.8 | 6.8 | 2.6 |
| | 26 | 2038 | 1.000 | 0.361 | 115.4 | 45.7 | 161.1 | 161.1 | 58.2 | | | | | | 58.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.5 | 6.8 | 6.8 | 2.5 |
| | 27 | 2039 | 1.000 | 0.347 | 115.4 | 45.7 | 161.1 | 161.1 | 55.9 | | | | | | 55.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.4 | 6.8 | 6.8 | 2.4 |
| | 28 | 2040 | 1.000 | 0.333 | 115.4 | 45.7 | 161.1 | 161.1 | 53.6 | | | | | | 53.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.3 | 6.8 | 6.8 | 2.3 |
| | 29 | 2041 | 1.000 | 0.321 | 115.4 | 45.7 | 161.1 | 161.1 | 51.7 | | | | | | 51.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.2 | 6.8 | 6.8 | 2.2 |
| 評 | 30 | 2042 | 1.000 | 0.308 | 115.4 | 45.7 | 161.1 | 161.1 | 49.6 | | | | | | 49.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.1 | 6.8 | 6.8 | 2.1 |
| | 31 | 2043 | 1.000 | 0.296 | 115.4 | 45.7 | 161.1 | 161.1 | 47.7 | | | | | | 47.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.0 | 6.8 | 6.8 | 2.0 |
| | 32 | 2044 | 1.000 | 0.285 | 115.4 | 45.7 | 161.1 | 161.1 | 45.9 | | | | | | 45.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 33 | 2045 | 1.000 | 0.274 | 115.4 | 45.7 | 161.1 | 161.1 | 44.1 | | | | | | 44.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| 価 | 34 | 2046 | 1.000 | 0.264 | 115.4 | 45.7 | 161.1 | 161.1 | 42.5 | | | | | | 42.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.8 | 6.8 | 6.8 | 1.8 |
| | 35 | 2047 | 1.000 | 0.253 | 115.4 | 45.7 | 161.1 | 161.1 | 40.8 | | | | | | 40.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 36 | 2048 | 1.000 | 0.244 | 115.4 | 45.7 | 161.1 | 161.1 | 39.3 | | | | | | 39.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| 期 | 37 | 2049 | 1.000 | 0.234 | 115.4 | 45.7 | 161.1 | 161.1 | 37.7 | | | | | | 37.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.6 | 6.8 | 6.8 | 1.6 |
| | 38 | 2050 | 1.000 | 0.225 | 115.4 | 45.7 | 161.1 | 161.1 | 36.2 | | | | | | 36.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 39 | 2051 | 1.000 | 0.217 | 115.4 | 45.7 | 161.1 | 161.1 | 35.0 | | | | | | 35.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| 間 | 40 | 2052 | 1.000 | 0.208 | 115.4 | 45.7 | 161.1 | 161.1 | 33.5 | | | | | | 33.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 41 | 2053 | 1.000 | 0.200 | 115.4 | 45.7 | 161.1 | 161.1 | 32.2 | | | | | | 32.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 42 | 2054 | 1.000 | 0.193 | 115.4 | 45.7 | 161.1 | 161.1 | 31.1 | | | | | | 31.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 43 | 2055 | 1.000 | 0.185 | 115.4 | 45.7 | 161.1 | 161.1 | 29.8 | | | | | | 29.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| ～ | 44 | 2056 | 1.000 | 0.178 | 115.4 | 45.7 | 161.1 | 161.1 | 28.7 | | | | | | 28.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 115.4 | 45.7 | 161.1 | 161.1 | 27.5 | | | | | | 27.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 115.4 | 45.7 | 161.1 | 161.1 | 26.6 | | | | | | 26.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 47 | 2059 | 1.000 | 0.158 | 115.4 | 45.7 | 161.1 | 161.1 | 25.5 | | | | | | 25.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| 年 | 48 | 2060 | 1.000 | 0.152 | 115.4 | 45.7 | 161.1 | 161.1 | 24.5 | | | | | | 24.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| | 49 | 2061 | 1.000 | 0.146 | 115.4 | 45.7 | 161.1 | 161.1 | 23.5 | | | | | | 23.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| | 50 | 2062 | 1.000 | 0.141 | 115.4 | 45.7 | 161.1 | 161.1 | 22.7 | 242.6 | | 242.6 | 242.6 | 34.2 | 56.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 0.96 | 6.8 | 6.8 | 0.96 |
| | 51 | 2063 | 1.000 | 0.135 | | 45.7 | 45.7 | 45.7 | 6.2 | | | | | | 6.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 45.7 | 45.7 | 45.7 | 5.9 | | | | | | 5.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ） | 53 | 2065 | 1.000 | 0.125 | | 45.7 | 45.7 | 45.7 | 5.7 | | 28.6 | 28.6 | 28.6 | 3.6 | 9.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6,073 | 2,285 | 8,358 | 8,358 | 3,652 | 243 | 29 | 271 | 271 | 37.8 | 3,689 =B | 1,142 | 372 | 1,514 | 1,515 | 1,573 | 267 | 81 | 349 | 349 | 150 | 1,863 | 1,864 | 1,723 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 37 |
| 総費用（億円） | C | 17 |
| **費用便益比** | **B／C** | **2.2** |
| 純現在価値（億円） | B－C | 20 |
| 経済的内部収益率 | | 10.2% |

# Case⑤

【費用便益算定シート・水系　世帯数-10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計（①＋②） | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | 564.0 | | 564.0 | 564.6 | 635.2 | | | | | | 564.0 | 564.6 | 635.2 |
| 備 | -2 | 2010 | 1.000 | 1.082 | 32.4 | | 32.4 | 32.4 | 35.1 | | | | | | 35.1 | 23.0 | | 23.0 | 23.0 | 24.9 | 1.4 | | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 32.4 | | 32.4 | 32.4 | 33.7 | | | | | | 33.7 | 337.7 | | 337.7 | 337.7 | 351.2 | 1.4 | | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 期 | 0 | 2012 | 1.000 | 1.000 | 100.1 | | 100.1 | 100.1 | 100.1 | | | | | | 100.1 | 217.1 | | 217.1 | 217.1 | 217.1 | 4.3 | | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| | 1 | 2013 | 1.000 | 0.962 | 122.0 | | 122.0 | 122.0 | 117.4 | | | | | | 117.4 | | 123.2 | 123.2 | 123.2 | 118.5 | 5.2 | | 5.2 | 5.2 | 5.0 | 128.4 | 128.4 | 123.5 |
| 間 | 2 | 2014 | 1.000 | 0.925 | 122.0 | | 122.0 | 122.0 | 112.9 | | | | | | 112.9 | | 123.2 | 123.2 | 123.2 | 114.0 | 5.2 | | 5.2 | 5.2 | 4.8 | 128.4 | 128.4 | 118.8 |
| | 3 | 2015 | 1.000 | 0.889 | 122.0 | | 122.0 | 122.0 | 108.5 | | | | | | 108.5 | | 126.0 | 126.0 | 126.0 | 112.0 | 5.2 | | 5.2 | 5.2 | 4.6 | 131.2 | 131.2 | 116.6 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 94.4 | 37.4 | 131.8 | 131.8 | 112.7 | | | | | | 112.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.8 | 6.8 | 6.8 | 5.8 |
| | 5 | 2017 | 1.000 | 0.822 | 94.4 | 37.4 | 131.8 | 131.8 | 108.3 | | | | | | 108.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.6 | 6.8 | 6.8 | 5.6 |
| | 6 | 2018 | 1.000 | 0.790 | 94.4 | 37.4 | 131.8 | 131.8 | 104.1 | | | | | | 104.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.4 | 6.8 | 6.8 | 5.4 |
| | 7 | 2019 | 1.000 | 0.760 | 94.4 | 37.4 | 131.8 | 131.8 | 100.2 | | | | | | 100.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.2 | 6.8 | 6.8 | 5.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | 94.4 | 37.4 | 131.8 | 131.8 | 96.3 | | | | | | 96.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 5.0 | 6.8 | 6.8 | 5.0 |
| | 9 | 2021 | 1.000 | 0.703 | 94.4 | 37.4 | 131.8 | 131.8 | 92.7 | | | | | | 92.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.8 | 6.8 | 6.8 | 4.8 |
| 完 | 10 | 2022 | 1.000 | 0.676 | 94.4 | 37.4 | 131.8 | 131.8 | 89.1 | | | | | | 89.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.6 | 6.8 | 6.8 | 4.6 |
| | 11 | 2023 | 1.000 | 0.650 | 94.4 | 37.4 | 131.8 | 131.8 | 85.7 | | | | | | 85.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.4 | 6.8 | 6.8 | 4.4 |
| | 12 | 2024 | 1.000 | 0.625 | 94.4 | 37.4 | 131.8 | 131.8 | 82.4 | | | | | | 82.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.3 | 6.8 | 6.8 | 4.3 |
| | 13 | 2025 | 1.000 | 0.601 | 94.4 | 37.4 | 131.8 | 131.8 | 79.2 | | | | | | 79.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 4.1 | 6.8 | 6.8 | 4.1 |
| 成 | 14 | 2026 | 1.000 | 0.577 | 94.4 | 37.4 | 131.8 | 131.8 | 76.0 | | | | | | 76.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.9 | 6.8 | 6.8 | 3.9 |
| | 15 | 2027 | 1.000 | 0.555 | 94.4 | 37.4 | 131.8 | 131.8 | 73.1 | | | | | | 73.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.8 | 6.8 | 6.8 | 3.8 |
| | 16 | 2028 | 1.000 | 0.534 | 94.4 | 37.4 | 131.8 | 131.8 | 70.4 | | | | | | 70.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.6 | 6.8 | 6.8 | 3.6 |
| | 17 | 2029 | 1.000 | 0.513 | 94.4 | 37.4 | 131.8 | 131.8 | 67.6 | | | | | | 67.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.5 | 6.8 | 6.8 | 3.5 |
| 後 | 18 | 2030 | 1.000 | 0.494 | 94.4 | 37.4 | 131.8 | 131.8 | 65.1 | | | | | | 65.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.4 | 6.8 | 6.8 | 3.4 |
| | 19 | 2031 | 1.000 | 0.475 | 94.4 | 37.4 | 131.8 | 131.8 | 62.6 | | | | | | 62.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.2 | 6.8 | 6.8 | 3.2 |
| | 20 | 2032 | 1.000 | 0.456 | 94.4 | 37.4 | 131.8 | 131.8 | 60.1 | | | | | | 60.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.1 | 6.8 | 6.8 | 3.1 |
| | 21 | 2033 | 1.000 | 0.439 | 94.4 | 37.4 | 131.8 | 131.8 | 57.9 | | | | | | 57.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 3.0 | 6.8 | 6.8 | 3.0 |
| | 22 | 2034 | 1.000 | 0.422 | 94.4 | 37.4 | 131.8 | 131.8 | 55.6 | | | | | | 55.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.9 | 6.8 | 6.8 | 2.9 |
| の | 23 | 2035 | 1.000 | 0.406 | 94.4 | 37.4 | 131.8 | 131.8 | 53.5 | | | | | | 53.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.8 | 6.8 | 6.8 | 2.8 |
| | 24 | 2036 | 1.000 | 0.390 | 94.4 | 37.4 | 131.8 | 131.8 | 51.4 | | | | | | 51.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.7 | 6.8 | 6.8 | 2.7 |
| | 25 | 2037 | 1.000 | 0.375 | 94.4 | 37.4 | 131.8 | 131.8 | 49.4 | | | | | | 49.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.6 | 6.8 | 6.8 | 2.6 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 94.4 | 37.4 | 131.8 | 131.8 | 47.6 | | | | | | 47.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.5 | 6.8 | 6.8 | 2.5 |
| | 27 | 2039 | 1.000 | 0.347 | 94.4 | 37.4 | 131.8 | 131.8 | 45.7 | | | | | | 45.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.4 | 6.8 | 6.8 | 2.4 |
| | 28 | 2040 | 1.000 | 0.333 | 94.4 | 37.4 | 131.8 | 131.8 | 43.9 | | | | | | 43.9 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.3 | 6.8 | 6.8 | 2.3 |
| 価 | 29 | 2041 | 1.000 | 0.321 | 94.4 | 37.4 | 131.8 | 131.8 | 42.3 | | | | | | 42.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.2 | 6.8 | 6.8 | 2.2 |
| | 30 | 2042 | 1.000 | 0.308 | 94.4 | 37.4 | 131.8 | 131.8 | 40.6 | | | | | | 40.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.1 | 6.8 | 6.8 | 2.1 |
| | 31 | 2043 | 1.000 | 0.296 | 94.4 | 37.4 | 131.8 | 131.8 | 39.0 | | | | | | 39.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 2.0 | 6.8 | 6.8 | 2.0 |
| | 32 | 2044 | 1.000 | 0.285 | 94.4 | 37.4 | 131.8 | 131.8 | 37.6 | | | | | | 37.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 94.4 | 37.4 | 131.8 | 131.8 | 36.1 | | | | | | 36.1 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.9 | 6.8 | 6.8 | 1.9 |
| | 34 | 2046 | 1.000 | 0.264 | 94.4 | 37.4 | 131.8 | 131.8 | 34.8 | | | | | | 34.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.8 | 6.8 | 6.8 | 1.8 |
| | 35 | 2047 | 1.000 | 0.253 | 94.4 | 37.4 | 131.8 | 131.8 | 33.3 | | | | | | 33.3 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| 間 | 36 | 2048 | 1.000 | 0.244 | 94.4 | 37.4 | 131.8 | 131.8 | 32.2 | | | | | | 32.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.7 | 6.8 | 6.8 | 1.7 |
| | 37 | 2049 | 1.000 | 0.234 | 94.4 | 37.4 | 131.8 | 131.8 | 30.8 | | | | | | 30.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.6 | 6.8 | 6.8 | 1.6 |
| | 38 | 2050 | 1.000 | 0.225 | 94.4 | 37.4 | 131.8 | 131.8 | 29.7 | | | | | | 29.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 39 | 2051 | 1.000 | 0.217 | 94.4 | 37.4 | 131.8 | 131.8 | 28.6 | | | | | | 28.6 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.5 | 6.8 | 6.8 | 1.5 |
| | 40 | 2052 | 1.000 | 0.208 | 94.4 | 37.4 | 131.8 | 131.8 | 27.4 | | | | | | 27.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 94.4 | 37.4 | 131.8 | 131.8 | 26.4 | | | | | | 26.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.4 | 6.8 | 6.8 | 1.4 |
| | 42 | 2054 | 1.000 | 0.193 | 94.4 | 37.4 | 131.8 | 131.8 | 25.4 | | | | | | 25.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 43 | 2055 | 1.000 | 0.185 | 94.4 | 37.4 | 131.8 | 131.8 | 24.4 | | | | | | 24.4 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.3 | 6.8 | 6.8 | 1.3 |
| | 44 | 2056 | 1.000 | 0.178 | 94.4 | 37.4 | 131.8 | 131.8 | 23.5 | | | | | | 23.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 94.4 | 37.4 | 131.8 | 131.8 | 22.5 | | | | | | 22.5 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.2 | 6.8 | 6.8 | 1.2 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 94.4 | 37.4 | 131.8 | 131.8 | 21.7 | | | | | | 21.7 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 47 | 2059 | 1.000 | 0.158 | 94.4 | 37.4 | 131.8 | 131.8 | 20.8 | | | | | | 20.8 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.1 | 6.8 | 6.8 | 1.1 |
| | 48 | 2060 | 1.000 | 0.152 | 94.4 | 37.4 | 131.8 | 131.8 | 20.0 | | | | | | 20.0 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 94.4 | 37.4 | 131.8 | 131.8 | 19.2 | | | | | | 19.2 | | | | | | 5.2 | 1.6 | 6.8 | 6.8 | 1.0 | 6.8 | 6.8 | 1.0 |
| | 50 | 2062 | 1.000 | 0.141 | 94.4 | 37.4 | 131.8 | 131.8 | 18.6 | 242.6 | | 242.6 | 242.6 | 34.2 | 52.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | | 37.4 | 37.4 | 37.4 | 5.0 | | | | | | 5.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 37.4 | 37.4 | 37.4 | 4.9 | | | | | | 4.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ） | 53 | 2065 | 1.000 | 0.125 | | 37.4 | 37.4 | 37.4 | 4.7 | | 28.6 | 28.6 | 28.6 | 3.6 | 8.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 4,968 | 1,870 | 6,838 | 6,838 | 2,988 | 243 | 29 | 271 | 271 | 37.8 | 3,026 =B | 1,142 | 372 | 1,514 | 1,515 | 1,573 | 262 | 81 | 343 | 343 | 149 | 1,858 | 1,858 | 1,722 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 30 |
| 総費用（億円） | C | 17 |
| **費用便益比** | **B／C** | **1.8** |
| 純現在価値（億円） | B－C | 13 |
| 経済的内部収益率 | | 8.2% |

# Case⑧

【費用便益算定シート・水系　残事業】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計 | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | （①＋②） | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | |
| 備 | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | |
| 期 | 1 | 2013 | 1.000 | 0.962 | | | | | | | | | | | | 123.2 | 123.2 | 123.2 | 118.5 | | | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | | | | | | 123.2 | 123.2 | 123.2 | 114.0 | | | | | | 123.2 | 123.2 | 114.0 |
| 間 | 3 | 2015 | 1.000 | 0.889 | | | | | | | | | | | | 126.0 | 126.0 | 126.0 | 112.0 | | | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | | 72.2 | 72.2 | 72.2 | 61.7 | | | | | | 61.7 | | | | | | 1.6 | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | | 72.2 | 72.2 | 72.2 | 59.3 | | | | | | 59.3 | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | | 72.2 | 72.2 | 72.2 | 57.0 | | | | | | 57.0 | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | | 72.2 | 72.2 | 72.2 | 54.9 | | | | | | 54.9 | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | | 72.2 | 72.2 | 72.2 | 52.8 | | | | | | 52.8 | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | | 72.2 | 72.2 | 72.2 | 50.8 | | | | | | 50.8 | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | | 72.2 | 72.2 | 72.2 | 48.8 | | | | | | 48.8 | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | | 72.2 | 72.2 | 72.2 | 46.9 | | | | | | 46.9 | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | | 72.2 | 72.2 | 72.2 | 45.1 | | | | | | 45.1 | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | | 72.2 | 72.2 | 72.2 | 43.4 | | | | | | 43.4 | | | | | | 1.6 | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | | 72.2 | 72.2 | 72.2 | 41.7 | | | | | | 41.7 | | | | | | 1.6 | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | | 72.2 | 72.2 | 72.2 | 40.1 | | | | | | 40.1 | | | | | | 1.6 | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | | 72.2 | 72.2 | 72.2 | 38.6 | | | | | | 38.6 | | | | | | 1.6 | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | | 72.2 | 72.2 | 72.2 | 37.0 | | | | | | 37.0 | | | | | | 1.6 | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | | 72.2 | 72.2 | 72.2 | 35.7 | | | | | | 35.7 | | | | | | 1.6 | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | | 72.2 | 72.2 | 72.2 | 34.3 | | | | | | 34.3 | | | | | | 1.6 | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | | 72.2 | 72.2 | 72.2 | 32.9 | | | | | | 32.9 | | | | | | 1.6 | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | | 72.2 | 72.2 | 72.2 | 31.7 | | | | | | 31.7 | | | | | | 1.6 | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| の | 22 | 2034 | 1.000 | 0.422 | | 72.2 | 72.2 | 72.2 | 30.5 | | | | | | 30.5 | | | | | | 1.6 | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | | 72.2 | 72.2 | 72.2 | 29.3 | | | | | | 29.3 | | | | | | 1.6 | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | | 72.2 | 72.2 | 72.2 | 28.2 | | | | | | 28.2 | | | | | | 1.6 | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | | 72.2 | 72.2 | 72.2 | 27.1 | | | | | | 27.1 | | | | | | 1.6 | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | | 72.2 | 72.2 | 72.2 | 26.1 | | | | | | 26.1 | | | | | | 1.6 | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | | 72.2 | 72.2 | 72.2 | 25.1 | | | | | | 25.1 | | | | | | 1.6 | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | | 72.2 | 72.2 | 72.2 | 24.0 | | | | | | 24.0 | | | | | | 1.6 | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | | 72.2 | 72.2 | 72.2 | 23.2 | | | | | | 23.2 | | | | | | 1.6 | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | | 72.2 | 72.2 | 72.2 | 22.2 | | | | | | 22.2 | | | | | | 1.6 | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | | 72.2 | 72.2 | 72.2 | 21.4 | | | | | | 21.4 | | | | | | 1.6 | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | | 72.2 | 72.2 | 72.2 | 20.6 | | | | | | 20.6 | | | | | | 1.6 | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | | 72.2 | 72.2 | 72.2 | 19.8 | | | | | | 19.8 | | | | | | 1.6 | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | | 72.2 | 72.2 | 72.2 | 19.1 | | | | | | 19.1 | | | | | | 1.6 | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | | 72.2 | 72.2 | 72.2 | 18.3 | | | | | | 18.3 | | | | | | 1.6 | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | | 72.2 | 72.2 | 72.2 | 17.6 | | | | | | 17.6 | | | | | | 1.6 | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | | 72.2 | 72.2 | 72.2 | 16.9 | | | | | | 16.9 | | | | | | 1.6 | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | | 72.2 | 72.2 | 72.2 | 16.2 | | | | | | 16.2 | | | | | | 1.6 | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | | 72.2 | 72.2 | 72.2 | 15.7 | | | | | | 15.7 | | | | | | 1.6 | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | | 72.2 | 72.2 | 72.2 | 15.0 | | | | | | 15.0 | | | | | | 1.6 | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | | 72.2 | 72.2 | 72.2 | 14.4 | | | | | | 14.4 | | | | | | 1.6 | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | | 72.2 | 72.2 | 72.2 | 13.9 | | | | | | 13.9 | | | | | | 1.6 | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | | 72.2 | 72.2 | 72.2 | 13.4 | | | | | | 13.4 | | | | | | 1.6 | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | | 72.2 | 72.2 | 72.2 | 12.9 | | | | | | 12.9 | | | | | | 1.6 | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | | 72.2 | 72.2 | 72.2 | 12.3 | | | | | | 12.3 | | | | | | 1.6 | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| 0 | 46 | 2058 | 1.000 | 0.165 | | 72.2 | 72.2 | 72.2 | 11.9 | | | | | | 11.9 | | | | | | 1.6 | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | | 72.2 | 72.2 | 72.2 | 11.4 | | | | | | 11.4 | | | | | | 1.6 | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | | 72.2 | 72.2 | 72.2 | 11.0 | | | | | | 11.0 | | | | | | 1.6 | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | | 72.2 | 72.2 | 72.2 | 10.5 | | | | | | 10.5 | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | | 72.2 | 72.2 | 72.2 | 10.2 | | | | | | 10.2 | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | | 72.2 | 72.2 | 72.2 | 9.7 | | | | | | 9.7 | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 72.2 | 72.2 | 72.2 | 9.4 | | | | | | 9.4 | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ） | 53 | 2065 | 1.000 | 0.125 | | 72.2 | 72.2 | 72.2 | 9.0 | | 28.6 | 28.6 | 28.6 | 3.6 | 12.6 | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 0 | 3,610 | 3,610 | 3,610 | 1,379 | 0 | 29 | 29 | 29 | 3.6 | 1,383 =B | 0 | 372 | 372 | 372 | 345 | 0 | 81 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.7** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 16.2% |

# Case⑨

【費用便益算定シート・水系　事業費+10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計 | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | (①＋②) | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | | |
| 備 | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | | |
| 期 | 1 | 2013 | 1.000 | 0.962 | | | | | | | | | | | | | 135.5 | 135.5 | 135.5 | 130.4 | | | | | | 135.5 | 135.5 | 130.4 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | | | | | | | 135.5 | 135.5 | 135.5 | 125.3 | | | | | | 135.5 | 135.5 | 125.3 |
| 間 | 3 | 2015 | 1.000 | 0.889 | | | | | | | | | | | | | 138.6 | 138.6 | 138.6 | 123.2 | | | | | | 138.6 | 138.6 | 123.2 |
| 施 | 4 | 2016 | 1.000 | 0.855 | | 72.2 | 72.2 | 72.2 | 61.7 | | | | | | 61.7 | | | | | | | 1.6 | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | | 72.2 | 72.2 | 72.2 | 59.3 | | | | | | 59.3 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | | 72.2 | 72.2 | 72.2 | 57.0 | | | | | | 57.0 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | | 72.2 | 72.2 | 72.2 | 54.9 | | | | | | 54.9 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | | 72.2 | 72.2 | 72.2 | 52.8 | | | | | | 52.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | | 72.2 | 72.2 | 72.2 | 50.8 | | | | | | 50.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | | 72.2 | 72.2 | 72.2 | 48.8 | | | | | | 48.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | | 72.2 | 72.2 | 72.2 | 46.9 | | | | | | 46.9 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | | 72.2 | 72.2 | 72.2 | 45.1 | | | | | | 45.1 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | | 72.2 | 72.2 | 72.2 | 43.4 | | | | | | 43.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | | 72.2 | 72.2 | 72.2 | 41.7 | | | | | | 41.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | | 72.2 | 72.2 | 72.2 | 40.1 | | | | | | 40.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | | 72.2 | 72.2 | 72.2 | 38.6 | | | | | | 38.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | | 72.2 | 72.2 | 72.2 | 37.0 | | | | | | 37.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | | 72.2 | 72.2 | 72.2 | 35.7 | | | | | | 35.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | | 72.2 | 72.2 | 72.2 | 34.3 | | | | | | 34.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | | 72.2 | 72.2 | 72.2 | 32.9 | | | | | | 32.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | | 72.2 | 72.2 | 72.2 | 31.7 | | | | | | 31.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| の | 22 | 2034 | 1.000 | 0.422 | | 72.2 | 72.2 | 72.2 | 30.5 | | | | | | 30.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | | 72.2 | 72.2 | 72.2 | 29.3 | | | | | | 29.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | | 72.2 | 72.2 | 72.2 | 28.2 | | | | | | 28.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | | 72.2 | 72.2 | 72.2 | 27.1 | | | | | | 27.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | | 72.2 | 72.2 | 72.2 | 26.1 | | | | | | 26.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | | 72.2 | 72.2 | 72.2 | 25.1 | | | | | | 25.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | | 72.2 | 72.2 | 72.2 | 24.0 | | | | | | 24.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | | 72.2 | 72.2 | 72.2 | 23.2 | | | | | | 23.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | | 72.2 | 72.2 | 72.2 | 22.2 | | | | | | 22.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | | 72.2 | 72.2 | 72.2 | 21.4 | | | | | | 21.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | | 72.2 | 72.2 | 72.2 | 20.6 | | | | | | 20.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | | 72.2 | 72.2 | 72.2 | 19.8 | | | | | | 19.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | | 72.2 | 72.2 | 72.2 | 19.1 | | | | | | 19.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | | 72.2 | 72.2 | 72.2 | 18.3 | | | | | | 18.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | | 72.2 | 72.2 | 72.2 | 17.6 | | | | | | 17.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | | 72.2 | 72.2 | 72.2 | 16.9 | | | | | | 16.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | | 72.2 | 72.2 | 72.2 | 16.2 | | | | | | 16.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | | 72.2 | 72.2 | 72.2 | 15.7 | | | | | | 15.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | | 72.2 | 72.2 | 72.2 | 15.0 | | | | | | 15.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ( | 41 | 2053 | 1.000 | 0.200 | | 72.2 | 72.2 | 72.2 | 14.4 | | | | | | 14.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | | 72.2 | 72.2 | 72.2 | 13.9 | | | | | | 13.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | | 72.2 | 72.2 | 72.2 | 13.4 | | | | | | 13.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| 5 | 44 | 2056 | 1.000 | 0.178 | | 72.2 | 72.2 | 72.2 | 12.9 | | | | | | 12.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 0 | 45 | 2057 | 1.000 | 0.171 | | 72.2 | 72.2 | 72.2 | 12.3 | | | | | | 12.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | | 72.2 | 72.2 | 72.2 | 11.9 | | | | | | 11.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | | 72.2 | 72.2 | 72.2 | 11.4 | | | | | | 11.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | | 72.2 | 72.2 | 72.2 | 11.0 | | | | | | 11.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | | 72.2 | 72.2 | 72.2 | 10.5 | | | | | | 10.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | | 72.2 | 72.2 | 72.2 | 10.2 | | | | | | 10.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | | 72.2 | 72.2 | 72.2 | 9.7 | | | | | | 9.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 72.2 | 72.2 | 72.2 | 9.4 | | | | | | 9.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ) | 53 | 2065 | 1.000 | 0.125 | | 72.2 | 72.2 | 72.2 | 9.0 | | 31.5 | 31.5 | 31.5 | 3.9 | 12.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 0 | 3,610 | 3,610 | 3,610 | 1,379 | 0 | 31 | 31 | 32 | 3.9 | 1,383 =B | 0 | 410 | 410 | 410 | 379 | 0 | 81 | 81 | 80 | 31 | 491 | 490 | 409 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 4.1 |
| **費用便益比** | **B／C** | **3.4** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 14.9% |

# Case⑩

【費用便益算定シート・水系　事業費-10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計 | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | （①＋②） | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | |
| 備 | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | |
| 期 | 1 | 2013 | 1.000 | 0.962 | | | | | | | | | | | | | 110.9 | 110.9 | 110.9 | 106.7 | | | | | 110.9 | 110.9 | 106.7 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | | | | | | | 110.9 | 110.9 | 110.9 | 102.6 | | | | | 110.9 | 110.9 | 102.6 |
| 間 | 3 | 2015 | 1.000 | 0.889 | | | | | | | | | | | | | 113.4 | 113.4 | 113.4 | 100.8 | | | | | 113.4 | 113.4 | 100.8 |
| 施 | 4 | 2016 | 1.000 | 0.855 | | 72.2 | 72.2 | 72.2 | 61.7 | | | | | | 61.7 | | | | | | | 1.6 | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | | 72.2 | 72.2 | 72.2 | 59.3 | | | | | | 59.3 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | | 72.2 | 72.2 | 72.2 | 57.0 | | | | | | 57.0 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | | 72.2 | 72.2 | 72.2 | 54.9 | | | | | | 54.9 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | | 72.2 | 72.2 | 72.2 | 52.8 | | | | | | 52.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | | 72.2 | 72.2 | 72.2 | 50.8 | | | | | | 50.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | | 72.2 | 72.2 | 72.2 | 48.8 | | | | | | 48.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | | 72.2 | 72.2 | 72.2 | 46.9 | | | | | | 46.9 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | | 72.2 | 72.2 | 72.2 | 45.1 | | | | | | 45.1 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | | 72.2 | 72.2 | 72.2 | 43.4 | | | | | | 43.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | | 72.2 | 72.2 | 72.2 | 41.7 | | | | | | 41.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | | 72.2 | 72.2 | 72.2 | 40.1 | | | | | | 40.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | | 72.2 | 72.2 | 72.2 | 38.6 | | | | | | 38.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | | 72.2 | 72.2 | 72.2 | 37.0 | | | | | | 37.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | | 72.2 | 72.2 | 72.2 | 35.7 | | | | | | 35.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | | 72.2 | 72.2 | 72.2 | 34.3 | | | | | | 34.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | | 72.2 | 72.2 | 72.2 | 32.9 | | | | | | 32.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | | 72.2 | 72.2 | 72.2 | 31.7 | | | | | | 31.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| の | 22 | 2034 | 1.000 | 0.422 | | 72.2 | 72.2 | 72.2 | 30.5 | | | | | | 30.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | | 72.2 | 72.2 | 72.2 | 29.3 | | | | | | 29.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | | 72.2 | 72.2 | 72.2 | 28.2 | | | | | | 28.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | | 72.2 | 72.2 | 72.2 | 27.1 | | | | | | 27.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | | 72.2 | 72.2 | 72.2 | 26.1 | | | | | | 26.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | | 72.2 | 72.2 | 72.2 | 25.1 | | | | | | 25.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | | 72.2 | 72.2 | 72.2 | 24.0 | | | | | | 24.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | | 72.2 | 72.2 | 72.2 | 23.2 | | | | | | 23.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | | 72.2 | 72.2 | 72.2 | 22.2 | | | | | | 22.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | | 72.2 | 72.2 | 72.2 | 21.4 | | | | | | 21.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | | 72.2 | 72.2 | 72.2 | 20.6 | | | | | | 20.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | | 72.2 | 72.2 | 72.2 | 19.8 | | | | | | 19.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | | 72.2 | 72.2 | 72.2 | 19.1 | | | | | | 19.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | | 72.2 | 72.2 | 72.2 | 18.3 | | | | | | 18.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | | 72.2 | 72.2 | 72.2 | 17.6 | | | | | | 17.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | | 72.2 | 72.2 | 72.2 | 16.9 | | | | | | 16.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | | 72.2 | 72.2 | 72.2 | 16.2 | | | | | | 16.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | | 72.2 | 72.2 | 72.2 | 15.7 | | | | | | 15.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | | 72.2 | 72.2 | 72.2 | 15.0 | | | | | | 15.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | | 72.2 | 72.2 | 72.2 | 14.4 | | | | | | 14.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | | 72.2 | 72.2 | 72.2 | 13.9 | | | | | | 13.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | | 72.2 | 72.2 | 72.2 | 13.4 | | | | | | 13.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| 5 | 44 | 2056 | 1.000 | 0.178 | | 72.2 | 72.2 | 72.2 | 12.9 | | | | | | 12.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 0 | 45 | 2057 | 1.000 | 0.171 | | 72.2 | 72.2 | 72.2 | 12.3 | | | | | | 12.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | | 72.2 | 72.2 | 72.2 | 11.9 | | | | | | 11.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | | 72.2 | 72.2 | 72.2 | 11.4 | | | | | | 11.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | | 72.2 | 72.2 | 72.2 | 11.0 | | | | | | 11.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | | 72.2 | 72.2 | 72.2 | 10.5 | | | | | | 10.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | | 72.2 | 72.2 | 72.2 | 10.2 | | | | | | 10.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | | 72.2 | 72.2 | 72.2 | 9.7 | | | | | | 9.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 72.2 | 72.2 | 72.2 | 9.4 | | | | | | 9.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | | 72.2 | 72.2 | 72.2 | 9.0 | | 25.7 | 25.7 | 25.7 | 3.2 | 12.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 0 | 3,610 | 3,610 | 3,610 | 1,379 | 0 | 26 | 26 | 26 | 3.2 | 1,382 =B | 0 | 335 | 335 | 335 | 310 | 0 | 81 | 81 | 80 | 31 | 416 | 415 | 341 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.4 |
| **費用便益比** | **B／C** | **4.1** |
| 純現在価値（億円） | B－C | 11 |
| 経済的内部収益率 | | 17.7% |

# Case⑪

【費用便益算定シート・水系　世帯数+10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計 | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | (①＋②) | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | |
| 備 | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | |
| 期 | 1 | 2013 | 1.000 | 0.962 | | | | | | | | | | | | | 123.2 | 123.2 | 123.2 | 118.5 | | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | | | | | | | 123.2 | 123.2 | 123.2 | 114.0 | | | | | 123.2 | 123.2 | 114.0 |
| 間 | 3 | 2015 | 1.000 | 0.889 | | | | | | | | | | | | | 126.0 | 126.0 | 126.0 | 112.0 | | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | | 79.4 | 79.4 | 79.4 | 67.9 | | | | | | 67.9 | | | | | | | 1.6 | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | | 79.4 | 79.4 | 79.4 | 65.3 | | | | | | 65.3 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | | 79.4 | 79.4 | 79.4 | 62.7 | | | | | | 62.7 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | | 79.4 | 79.4 | 79.4 | 60.3 | | | | | | 60.3 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | | 79.4 | 79.4 | 79.4 | 58.0 | | | | | | 58.0 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | | 79.4 | 79.4 | 79.4 | 55.8 | | | | | | 55.8 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | | 79.4 | 79.4 | 79.4 | 53.7 | | | | | | 53.7 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | | 79.4 | 79.4 | 79.4 | 51.6 | | | | | | 51.6 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | | 79.4 | 79.4 | 79.4 | 49.6 | | | | | | 49.6 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | | 79.4 | 79.4 | 79.4 | 47.7 | | | | | | 47.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | | 79.4 | 79.4 | 79.4 | 45.8 | | | | | | 45.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | | 79.4 | 79.4 | 79.4 | 44.1 | | | | | | 44.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | | 79.4 | 79.4 | 79.4 | 42.4 | | | | | | 42.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | | 79.4 | 79.4 | 79.4 | 40.7 | | | | | | 40.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | | 79.4 | 79.4 | 79.4 | 39.2 | | | | | | 39.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | | 79.4 | 79.4 | 79.4 | 37.7 | | | | | | 37.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | | 79.4 | 79.4 | 79.4 | 36.2 | | | | | | 36.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | | 79.4 | 79.4 | 79.4 | 34.9 | | | | | | 34.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| の | 22 | 2034 | 1.000 | 0.422 | | 79.4 | 79.4 | 79.4 | 33.5 | | | | | | 33.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | | 79.4 | 79.4 | 79.4 | 32.2 | | | | | | 32.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | | 79.4 | 79.4 | 79.4 | 31.0 | | | | | | 31.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | | 79.4 | 79.4 | 79.4 | 29.8 | | | | | | 29.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | | 79.4 | 79.4 | 79.4 | 28.7 | | | | | | 28.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | | 79.4 | 79.4 | 79.4 | 27.6 | | | | | | 27.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | | 79.4 | 79.4 | 79.4 | 26.4 | | | | | | 26.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | | 79.4 | 79.4 | 79.4 | 25.5 | | | | | | 25.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | | 79.4 | 79.4 | 79.4 | 24.5 | | | | | | 24.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | | 79.4 | 79.4 | 79.4 | 23.5 | | | | | | 23.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | | 79.4 | 79.4 | 79.4 | 22.6 | | | | | | 22.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | | 79.4 | 79.4 | 79.4 | 21.8 | | | | | | 21.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | | 79.4 | 79.4 | 79.4 | 21.0 | | | | | | 21.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | | 79.4 | 79.4 | 79.4 | 20.1 | | | | | | 20.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | | 79.4 | 79.4 | 79.4 | 19.4 | | | | | | 19.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | | 79.4 | 79.4 | 79.4 | 18.6 | | | | | | 18.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | | 79.4 | 79.4 | 79.4 | 17.9 | | | | | | 17.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | | 79.4 | 79.4 | 79.4 | 17.2 | | | | | | 17.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | | 79.4 | 79.4 | 79.4 | 16.5 | | | | | | 16.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ( | 41 | 2053 | 1.000 | 0.200 | | 79.4 | 79.4 | 79.4 | 15.9 | | | | | | 15.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | | 79.4 | 79.4 | 79.4 | 15.3 | | | | | | 15.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | | 79.4 | 79.4 | 79.4 | 14.7 | | | | | | 14.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | | 79.4 | 79.4 | 79.4 | 14.1 | | | | | | 14.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | | 79.4 | 79.4 | 79.4 | 13.6 | | | | | | 13.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| 0 | 46 | 2058 | 1.000 | 0.165 | | 79.4 | 79.4 | 79.4 | 13.1 | | | | | | 13.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | | 79.4 | 79.4 | 79.4 | 12.5 | | | | | | 12.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | | 79.4 | 79.4 | 79.4 | 12.1 | | | | | | 12.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | | 79.4 | 79.4 | 79.4 | 11.6 | | | | | | 11.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | | 79.4 | 79.4 | 79.4 | 11.2 | | | | | | 11.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | | 79.4 | 79.4 | 79.4 | 10.7 | | | | | | 10.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 79.4 | 79.4 | 79.4 | 10.3 | | | | | | 10.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ) | 53 | 2065 | 1.000 | 0.125 | | 79.4 | 79.4 | 79.4 | 9.9 | | 28.6 | 28.6 | 28.6 | 3.6 | 13.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 0 | 3,970 | 3,970 | 3,970 | 1,516 | 0 | 29 | 29 | 29 | 3.6 | 1,520 =B | 0 | 372 | 372 | 372 | 345 | 0 | 81 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 15 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.9** |
| 純現在価値（億円） | B－C | 11 |
| 経済的内部収益率 | | 17.6% |

# Case⑫

【費用便益算定シート・水系　世帯数-10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | | | | | | 費用：C | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | | | 残存価値② | | | | | 計 | 建設費③ | | | | | 維持管理費④ | | | | | 計③＋④ | | |
| | | | | | 便益 | | | | | 便益 | | | | | | 費用 | | | | | 費用 | | | | | | | |
| | t | 西暦 | | | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | （①＋②） | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 宮川勢田川水辺整備 | 昼田水辺整備 | 小計 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | | | | | | | | | |
| 整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | | | | | | | | | | | | | | | | | |
| | -2 | 2010 | 1.000 | 1.082 | | | | | | | | | | | | | | | | | | | | | | | |
| 備 | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | | | | | | | | | |
| 期 | 1 | 2013 | 1.000 | 0.962 | | | | | | | | | | | | | 123.2 | 123.2 | 123.2 | 118.5 | | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | | | | | | | 123.2 | 123.2 | 123.2 | 114.0 | | | | | 123.2 | 123.2 | 114.0 |
| 間 | 3 | 2015 | 1.000 | 0.889 | | | | | | | | | | | | | 126.0 | 126.0 | 126.0 | 112.0 | | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | | 65.0 | 65.0 | 65.0 | 55.6 | | | | | | 55.6 | | | | | | | 1.6 | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | | 65.0 | 65.0 | 65.0 | 53.4 | | | | | | 53.4 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | | 65.0 | 65.0 | 65.0 | 51.4 | | | | | | 51.4 | | | | | | | 1.6 | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | | 65.0 | 65.0 | 65.0 | 49.4 | | | | | | 49.4 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| 設 | 8 | 2020 | 1.000 | 0.731 | | 65.0 | 65.0 | 65.0 | 47.5 | | | | | | 47.5 | | | | | | | 1.6 | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | | 65.0 | 65.0 | 65.0 | 45.7 | | | | | | 45.7 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | | 65.0 | 65.0 | 65.0 | 43.9 | | | | | | 43.9 | | | | | | | 1.6 | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | | 65.0 | 65.0 | 65.0 | 42.3 | | | | | | 42.3 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | | 65.0 | 65.0 | 65.0 | 40.6 | | | | | | 40.6 | | | | | | | 1.6 | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | | 65.0 | 65.0 | 65.0 | 39.1 | | | | | | 39.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | | 65.0 | 65.0 | 65.0 | 37.5 | | | | | | 37.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | | 65.0 | 65.0 | 65.0 | 36.1 | | | | | | 36.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | | 65.0 | 65.0 | 65.0 | 34.7 | | | | | | 34.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | | 65.0 | 65.0 | 65.0 | 33.3 | | | | | | 33.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | | 65.0 | 65.0 | 65.0 | 32.1 | | | | | | 32.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | | 65.0 | 65.0 | 65.0 | 30.9 | | | | | | 30.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | | 65.0 | 65.0 | 65.0 | 29.6 | | | | | | 29.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | | 65.0 | 65.0 | 65.0 | 28.5 | | | | | | 28.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| の | 22 | 2034 | 1.000 | 0.422 | | 65.0 | 65.0 | 65.0 | 27.4 | | | | | | 27.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | | 65.0 | 65.0 | 65.0 | 26.4 | | | | | | 26.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | | 65.0 | 65.0 | 65.0 | 25.4 | | | | | | 25.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | | 65.0 | 65.0 | 65.0 | 24.4 | | | | | | 24.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | | 65.0 | 65.0 | 65.0 | 23.5 | | | | | | 23.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | | 65.0 | 65.0 | 65.0 | 22.6 | | | | | | 22.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | | 65.0 | 65.0 | 65.0 | 21.6 | | | | | | 21.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | | 65.0 | 65.0 | 65.0 | 20.9 | | | | | | 20.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | | 65.0 | 65.0 | 65.0 | 20.0 | | | | | | 20.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | | 65.0 | 65.0 | 65.0 | 19.2 | | | | | | 19.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | | 65.0 | 65.0 | 65.0 | 18.5 | | | | | | 18.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | | 65.0 | 65.0 | 65.0 | 17.8 | | | | | | 17.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | | 65.0 | 65.0 | 65.0 | 17.2 | | | | | | 17.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | | 65.0 | 65.0 | 65.0 | 16.4 | | | | | | 16.4 | | | | | | | 1.6 | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | | 65.0 | 65.0 | 65.0 | 15.9 | | | | | | 15.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | | 65.0 | 65.0 | 65.0 | 15.2 | | | | | | 15.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | | 65.0 | 65.0 | 65.0 | 14.6 | | | | | | 14.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | | 65.0 | 65.0 | 65.0 | 14.1 | | | | | | 14.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | | 65.0 | 65.0 | 65.0 | 13.5 | | | | | | 13.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | | 65.0 | 65.0 | 65.0 | 13.0 | | | | | | 13.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | | 65.0 | 65.0 | 65.0 | 12.5 | | | | | | 12.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | | 65.0 | 65.0 | 65.0 | 12.0 | | | | | | 12.0 | | | | | | | 1.6 | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| 5 | 44 | 2056 | 1.000 | 0.178 | | 65.0 | 65.0 | 65.0 | 11.6 | | | | | | 11.6 | | | | | | | 1.6 | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 0 | 45 | 2057 | 1.000 | 0.171 | | 65.0 | 65.0 | 65.0 | 11.1 | | | | | | 11.1 | | | | | | | 1.6 | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | | 65.0 | 65.0 | 65.0 | 10.7 | | | | | | 10.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | | 65.0 | 65.0 | 65.0 | 10.3 | | | | | | 10.3 | | | | | | | 1.6 | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | | 65.0 | 65.0 | 65.0 | 9.9 | | | | | | 9.9 | | | | | | | 1.6 | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | | 65.0 | 65.0 | 65.0 | 9.5 | | | | | | 9.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | | 65.0 | 65.0 | 65.0 | 9.2 | | | | | | 9.2 | | | | | | | 1.6 | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | | 65.0 | 65.0 | 65.0 | 8.8 | | | | | | 8.8 | | | | | | | 1.6 | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | | 65.0 | 65.0 | 65.0 | 8.5 | | | | | | 8.5 | | | | | | | 1.6 | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | | 65.0 | 65.0 | 65.0 | 8.1 | | 28.6 | 28.6 | 28.6 | 3.6 | 11.7 | | | | | | | 1.6 | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 0 | 3,249 | 3,249 | 3,250 | 1,241 | 0 | 29 | 29 | 29 | 3.6 | 1,245 =B | 0 | 372 | 372 | 372 | 345 | 0 | 81 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 12 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.2** |
| 純現在価値（億円） | B－C | 8 |
| 経済的内部収益率 | | 14.7% |

# ＜宮川総合水系環境整備事業＞
# （宮川勢田川水辺整備事業：再評価）

宮川総合水系環境整備事業（三重河川国道事務所）

宮川勢田川水辺整備事業

▽感度分析（様式５）　目次


Case　①　全体事業

Case　②　全体事業（事業費＋10%）

Case　③　全体事業（事業費－10%）

Case　④　全体事業（受益世帯数＋10%）

Case　⑤　全体事業（受益世帯数－10%）

~~Case　⑥　全体事業（残工期＋10%）~~　※残工期が５年未満のため、算出不要

~~Case　⑦　全体事業（残工期－10%）~~　※残工期が５年未満のため、算出不要

~~Case　⑧　残事業~~　※基準年（H24）で整備完了のため、算出不要

~~Case　⑨　残事業（事業費＋10%）~~　※基準年（H24）で整備完了のため、算出不要

~~Case　⑩　残事業（事業費－10%）~~　※基準年（H24）で整備完了のため、算出不要

~~Case　⑪　残事業（受益世帯数＋10%）~~　※基準年（H24）で整備完了のため、算出不要

~~Case　⑫　残事業（受益世帯数－10%）~~　※基準年（H24）で整備完了のため、算出不要

~~Case　⑬　残事業（残工期＋10%）~~　※基準年（H24）で整備完了のため、算出不要

~~Case　⑭　残事業（残工期－10%）~~　※基準年（H24）で整備完了のため、算出不要

Case①

【費用便益算定シート・宮川勢田川水辺整備】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2013(H25) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| 期整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | 564.0 | 564.6 | 635.2 | | | | 564.0 | 564.6 | 635.2 |
| | -2 | 2010 | 1.000 | 1.082 | 40.0 | 40.0 | 43.3 | | | 43.3 | 23.0 | 23.0 | 24.9 | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 40.0 | 40.0 | 41.6 | | | 41.6 | 337.7 | 337.7 | 351.2 | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 間備 | 0 | 2012 | 1.000 | 1.000 | 123.7 | 123.7 | 123.7 | | | 123.7 | 217.1 | 217.1 | 217.1 | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 施 | 1 | 2013 | 1.000 | 0.962 | 150.7 | 150.7 | 145.0 | | | 145.0 | | | | 5.2 | 5.2 | 5.0 | 5.2 | 5.2 | 5.0 |
| | 2 | 2014 | 1.000 | 0.925 | 150.7 | 150.7 | 139.4 | | | 139.4 | | | | 5.2 | 5.2 | 4.8 | 5.2 | 5.2 | 4.8 |
| | 3 | 2015 | 1.000 | 0.889 | 150.7 | 150.7 | 134.0 | | | 134.0 | | | | 5.2 | 5.2 | 4.6 | 5.2 | 5.2 | 4.6 |
| | 4 | 2016 | 1.000 | 0.855 | 150.7 | 150.7 | 128.8 | | | 128.8 | | | | 5.2 | 5.2 | 4.5 | 5.2 | 5.2 | 4.5 |
| 設 | 5 | 2017 | 1.000 | 0.822 | 150.7 | 150.7 | 123.9 | | | 123.9 | | | | 5.2 | 5.2 | 4.3 | 5.2 | 5.2 | 4.3 |
| | 6 | 2018 | 1.000 | 0.790 | 150.7 | 150.7 | 119.1 | | | 119.1 | | | | 5.2 | 5.2 | 4.1 | 5.2 | 5.2 | 4.1 |
| | 7 | 2019 | 1.000 | 0.760 | 150.7 | 150.7 | 114.5 | | | 114.5 | | | | 5.2 | 5.2 | 4.0 | 5.2 | 5.2 | 4.0 |
| 完 | 8 | 2020 | 1.000 | 0.731 | 150.7 | 150.7 | 110.2 | | | 110.2 | | | | 5.2 | 5.2 | 3.8 | 5.2 | 5.2 | 3.8 |
| | 9 | 2021 | 1.000 | 0.703 | 150.7 | 150.7 | 105.9 | | | 105.9 | | | | 5.2 | 5.2 | 3.7 | 5.2 | 5.2 | 3.7 |
| | 10 | 2022 | 1.000 | 0.676 | 150.7 | 150.7 | 101.9 | | | 101.9 | | | | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 3.5 |
| | 11 | 2023 | 1.000 | 0.650 | 150.7 | 150.7 | 98.0 | | | 98.0 | | | | 5.2 | 5.2 | 3.4 | 5.2 | 5.2 | 3.4 |
| 成 | 12 | 2024 | 1.000 | 0.625 | 150.7 | 150.7 | 94.2 | | | 94.2 | | | | 5.2 | 5.2 | 3.3 | 5.2 | 5.2 | 3.3 |
| | 13 | 2025 | 1.000 | 0.601 | 150.7 | 150.7 | 90.6 | | | 90.6 | | | | 5.2 | 5.2 | 3.1 | 5.2 | 5.2 | 3.1 |
| | 14 | 2026 | 1.000 | 0.577 | 150.7 | 150.7 | 87.0 | | | 87.0 | | | | 5.2 | 5.2 | 3.0 | 5.2 | 5.2 | 3.0 |
| | 15 | 2027 | 1.000 | 0.555 | 150.7 | 150.7 | 83.6 | | | 83.6 | | | | 5.2 | 5.2 | 2.9 | 5.2 | 5.2 | 2.9 |
| 後 | 16 | 2028 | 1.000 | 0.534 | 150.7 | 150.7 | 80.5 | | | 80.5 | | | | 5.2 | 5.2 | 2.8 | 5.2 | 5.2 | 2.8 |
| | 17 | 2029 | 1.000 | 0.513 | 150.7 | 150.7 | 77.3 | | | 77.3 | | | | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 2.7 |
| | 18 | 2030 | 1.000 | 0.494 | 150.7 | 150.7 | 74.4 | | | 74.4 | | | | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| の | 19 | 2031 | 1.000 | 0.475 | 150.7 | 150.7 | 71.6 | | | 71.6 | | | | 5.2 | 5.2 | 2.5 | 5.2 | 5.2 | 2.5 |
| | 20 | 2032 | 1.000 | 0.456 | 150.7 | 150.7 | 68.7 | | | 68.7 | | | | 5.2 | 5.2 | 2.4 | 5.2 | 5.2 | 2.4 |
| | 21 | 2033 | 1.000 | 0.439 | 150.7 | 150.7 | 66.2 | | | 66.2 | | | | 5.2 | 5.2 | 2.3 | 5.2 | 5.2 | 2.3 |
| | 22 | 2034 | 1.000 | 0.422 | 150.7 | 150.7 | 63.6 | | | 63.6 | | | | 5.2 | 5.2 | 2.2 | 5.2 | 5.2 | 2.2 |
| 評 | 23 | 2035 | 1.000 | 0.406 | 150.7 | 150.7 | 61.2 | | | 61.2 | | | | 5.2 | 5.2 | 2.1 | 5.2 | 5.2 | 2.1 |
| | 24 | 2036 | 1.000 | 0.390 | 150.7 | 150.7 | 58.8 | | | 58.8 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 25 | 2037 | 1.000 | 0.375 | 150.7 | 150.7 | 56.5 | | | 56.5 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 26 | 2038 | 1.000 | 0.361 | 150.7 | 150.7 | 54.4 | | | 54.4 | | | | 5.2 | 5.2 | 1.9 | 5.2 | 5.2 | 1.9 |
| 価 | 27 | 2039 | 1.000 | 0.347 | 150.7 | 150.7 | 52.3 | | | 52.3 | | | | 5.2 | 5.2 | 1.8 | 5.2 | 5.2 | 1.8 |
| | 28 | 2040 | 1.000 | 0.333 | 150.7 | 150.7 | 50.2 | | | 50.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| | 29 | 2041 | 1.000 | 0.321 | 150.7 | 150.7 | 48.4 | | | 48.4 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| 期 | 30 | 2042 | 1.000 | 0.308 | 150.7 | 150.7 | 46.4 | | | 46.4 | | | | 5.2 | 5.2 | 1.6 | 5.2 | 5.2 | 1.6 |
| | 31 | 2043 | 1.000 | 0.296 | 150.7 | 150.7 | 44.6 | | | 44.6 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 32 | 2044 | 1.000 | 0.285 | 150.7 | 150.7 | 42.9 | | | 42.9 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 33 | 2045 | 1.000 | 0.274 | 150.7 | 150.7 | 41.3 | | | 41.3 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| 間 | 34 | 2046 | 1.000 | 0.264 | 150.7 | 150.7 | 39.8 | | | 39.8 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| | 35 | 2047 | 1.000 | 0.253 | 150.7 | 150.7 | 38.1 | | | 38.1 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 36 | 2048 | 1.000 | 0.244 | 150.7 | 150.7 | 36.8 | | | 36.8 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 37 | 2049 | 1.000 | 0.234 | 150.7 | 150.7 | 35.3 | | | 35.3 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| ～ | 38 | 2050 | 1.000 | 0.225 | 150.7 | 150.7 | 33.9 | | | 33.9 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| | 39 | 2051 | 1.000 | 0.217 | 150.7 | 150.7 | 32.7 | | | 32.7 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 40 | 2052 | 1.000 | 0.208 | 150.7 | 150.7 | 31.3 | | | 31.3 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| 5 | 41 | 2053 | 1.000 | 0.200 | 150.7 | 150.7 | 30.1 | | | 30.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 0 | 42 | 2054 | 1.000 | 0.193 | 150.7 | 150.7 | 29.1 | | | 29.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| | 43 | 2055 | 1.000 | 0.185 | 150.7 | 150.7 | 27.9 | | | 27.9 | | | | 5.2 | 5.2 | 0.96 | 5.2 | 5.2 | 0.96 |
| | 44 | 2056 | 1.000 | 0.178 | 150.7 | 150.7 | 26.8 | | | 26.8 | | | | 5.2 | 5.2 | 0.93 | 5.2 | 5.2 | 0.93 |
| | 45 | 2057 | 1.000 | 0.171 | 150.7 | 150.7 | 25.8 | | | 25.8 | | | | 5.2 | 5.2 | 0.89 | 5.2 | 5.2 | 0.89 |
| 年 | 46 | 2058 | 1.000 | 0.165 | 150.7 | 150.7 | 24.9 | | | 24.9 | | | | 5.2 | 5.2 | 0.86 | 5.2 | 5.2 | 0.86 |
| | 47 | 2059 | 1.000 | 0.158 | 150.7 | 150.7 | 23.8 | | | 23.8 | | | | 5.2 | 5.2 | 0.82 | 5.2 | 5.2 | 0.82 |
| | 48 | 2060 | 1.000 | 0.152 | 150.7 | 150.7 | 22.9 | | | 22.9 | | | | 5.2 | 5.2 | 0.79 | 5.2 | 5.2 | 0.79 |
| | 49 | 2061 | 1.000 | 0.146 | 150.7 | 150.7 | 22.0 | | | 22.0 | | | | 5.2 | 5.2 | 0.76 | 5.2 | 5.2 | 0.76 |
| ～ | 50 | 2062 | 1.000 | 0.141 | 150.7 | 150.7 | 21.2 | 242.6 | 34 | 55.4 | | | | 5.2 | 5.2 | 0.73 | 5.2 | 5.2 | 0.73 |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 7,739 | 7,739 | 3,446 | 243 | 34 | 3,481 =B | 1,142 | 1,142 | 1,228 | 267 | 267 | 119 | 1,409 | 1,410 | 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 35 |
| 総費用（億円） | C | 13 |
| **費用便益比** | **B／C** | **2.7** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 12.0% |

Case②

【費用便益算定シート・宮川勢田川水辺整備　事業費+10%（全体事業）】　　（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2013(H25) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| 期整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | 564.0 | 564.6 | 635.2 | | | | 564.0 | 564.6 | 635.2 |
| | -2 | 2010 | 1.000 | 1.082 | 40.0 | 40.0 | 43.3 | | | 43.3 | 23.0 | 23.0 | 24.9 | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 40.0 | 40.0 | 41.6 | | | 41.6 | 337.7 | 337.7 | 351.2 | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 間備 | 0 | 2012 | 1.000 | 1.000 | 123.7 | 123.7 | 123.7 | | | 123.7 | 217.1 | 217.1 | 217.1 | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 施 | 1 | 2013 | 1.000 | 0.962 | 150.7 | 150.7 | 145.0 | | | 145.0 | | | | 5.2 | 5.2 | 5.0 | 5.2 | 5.2 | 5.0 |
| | 2 | 2014 | 1.000 | 0.925 | 150.7 | 150.7 | 139.4 | | | 139.4 | | | | 5.2 | 5.2 | 4.8 | 5.2 | 5.2 | 4.8 |
| | 3 | 2015 | 1.000 | 0.889 | 150.7 | 150.7 | 134.0 | | | 134.0 | | | | 5.2 | 5.2 | 4.6 | 5.2 | 5.2 | 4.6 |
| | 4 | 2016 | 1.000 | 0.855 | 150.7 | 150.7 | 128.8 | | | 128.8 | | | | 5.2 | 5.2 | 4.5 | 5.2 | 5.2 | 4.5 |
| 設 | 5 | 2017 | 1.000 | 0.822 | 150.7 | 150.7 | 123.9 | | | 123.9 | | | | 5.2 | 5.2 | 4.3 | 5.2 | 5.2 | 4.3 |
| | 6 | 2018 | 1.000 | 0.790 | 150.7 | 150.7 | 119.1 | | | 119.1 | | | | 5.2 | 5.2 | 4.1 | 5.2 | 5.2 | 4.1 |
| | 7 | 2019 | 1.000 | 0.760 | 150.7 | 150.7 | 114.5 | | | 114.5 | | | | 5.2 | 5.2 | 4.0 | 5.2 | 5.2 | 4.0 |
| 完 | 8 | 2020 | 1.000 | 0.731 | 150.7 | 150.7 | 110.2 | | | 110.2 | | | | 5.2 | 5.2 | 3.8 | 5.2 | 5.2 | 3.8 |
| | 9 | 2021 | 1.000 | 0.703 | 150.7 | 150.7 | 105.9 | | | 105.9 | | | | 5.2 | 5.2 | 3.7 | 5.2 | 5.2 | 3.7 |
| | 10 | 2022 | 1.000 | 0.676 | 150.7 | 150.7 | 101.9 | | | 101.9 | | | | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 3.5 |
| 成 | 11 | 2023 | 1.000 | 0.650 | 150.7 | 150.7 | 98.0 | | | 98.0 | | | | 5.2 | 5.2 | 3.4 | 5.2 | 5.2 | 3.4 |
| | 12 | 2024 | 1.000 | 0.625 | 150.7 | 150.7 | 94.2 | | | 94.2 | | | | 5.2 | 5.2 | 3.3 | 5.2 | 5.2 | 3.3 |
| | 13 | 2025 | 1.000 | 0.601 | 150.7 | 150.7 | 90.6 | | | 90.6 | | | | 5.2 | 5.2 | 3.1 | 5.2 | 5.2 | 3.1 |
| | 14 | 2026 | 1.000 | 0.577 | 150.7 | 150.7 | 87.0 | | | 87.0 | | | | 5.2 | 5.2 | 3.0 | 5.2 | 5.2 | 3.0 |
| | 15 | 2027 | 1.000 | 0.555 | 150.7 | 150.7 | 83.6 | | | 83.6 | | | | 5.2 | 5.2 | 2.9 | 5.2 | 5.2 | 2.9 |
| 後 | 16 | 2028 | 1.000 | 0.534 | 150.7 | 150.7 | 80.5 | | | 80.5 | | | | 5.2 | 5.2 | 2.8 | 5.2 | 5.2 | 2.8 |
| | 17 | 2029 | 1.000 | 0.513 | 150.7 | 150.7 | 77.3 | | | 77.3 | | | | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 2.7 |
| | 18 | 2030 | 1.000 | 0.494 | 150.7 | 150.7 | 74.4 | | | 74.4 | | | | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| の | 19 | 2031 | 1.000 | 0.475 | 150.7 | 150.7 | 71.6 | | | 71.6 | | | | 5.2 | 5.2 | 2.5 | 5.2 | 5.2 | 2.5 |
| | 20 | 2032 | 1.000 | 0.456 | 150.7 | 150.7 | 68.7 | | | 68.7 | | | | 5.2 | 5.2 | 2.4 | 5.2 | 5.2 | 2.4 |
| | 21 | 2033 | 1.000 | 0.439 | 150.7 | 150.7 | 66.2 | | | 66.2 | | | | 5.2 | 5.2 | 2.3 | 5.2 | 5.2 | 2.3 |
| | 22 | 2034 | 1.000 | 0.422 | 150.7 | 150.7 | 63.6 | | | 63.6 | | | | 5.2 | 5.2 | 2.2 | 5.2 | 5.2 | 2.2 |
| 評 | 23 | 2035 | 1.000 | 0.406 | 150.7 | 150.7 | 61.2 | | | 61.2 | | | | 5.2 | 5.2 | 2.1 | 5.2 | 5.2 | 2.1 |
| | 24 | 2036 | 1.000 | 0.390 | 150.7 | 150.7 | 58.8 | | | 58.8 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 25 | 2037 | 1.000 | 0.375 | 150.7 | 150.7 | 56.5 | | | 56.5 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 26 | 2038 | 1.000 | 0.361 | 150.7 | 150.7 | 54.4 | | | 54.4 | | | | 5.2 | 5.2 | 1.9 | 5.2 | 5.2 | 1.9 |
| 価 | 27 | 2039 | 1.000 | 0.347 | 150.7 | 150.7 | 52.3 | | | 52.3 | | | | 5.2 | 5.2 | 1.8 | 5.2 | 5.2 | 1.8 |
| | 28 | 2040 | 1.000 | 0.333 | 150.7 | 150.7 | 50.2 | | | 50.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| | 29 | 2041 | 1.000 | 0.321 | 150.7 | 150.7 | 48.4 | | | 48.4 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| 期 | 30 | 2042 | 1.000 | 0.308 | 150.7 | 150.7 | 46.4 | | | 46.4 | | | | 5.2 | 5.2 | 1.6 | 5.2 | 5.2 | 1.6 |
| | 31 | 2043 | 1.000 | 0.296 | 150.7 | 150.7 | 44.6 | | | 44.6 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 32 | 2044 | 1.000 | 0.285 | 150.7 | 150.7 | 42.9 | | | 42.9 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 33 | 2045 | 1.000 | 0.274 | 150.7 | 150.7 | 41.3 | | | 41.3 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| 間 | 34 | 2046 | 1.000 | 0.264 | 150.7 | 150.7 | 39.8 | | | 39.8 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| | 35 | 2047 | 1.000 | 0.253 | 150.7 | 150.7 | 38.1 | | | 38.1 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 36 | 2048 | 1.000 | 0.244 | 150.7 | 150.7 | 36.8 | | | 36.8 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 37 | 2049 | 1.000 | 0.234 | 150.7 | 150.7 | 35.3 | | | 35.3 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| ～ | 38 | 2050 | 1.000 | 0.225 | 150.7 | 150.7 | 33.9 | | | 33.9 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| | 39 | 2051 | 1.000 | 0.217 | 150.7 | 150.7 | 32.7 | | | 32.7 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 40 | 2052 | 1.000 | 0.208 | 150.7 | 150.7 | 31.3 | | | 31.3 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| 5 | 41 | 2053 | 1.000 | 0.200 | 150.7 | 150.7 | 30.1 | | | 30.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 0 | 42 | 2054 | 1.000 | 0.193 | 150.7 | 150.7 | 29.1 | | | 29.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| | 43 | 2055 | 1.000 | 0.185 | 150.7 | 150.7 | 27.9 | | | 27.9 | | | | 5.2 | 5.2 | 0.96 | 5.2 | 5.2 | 0.96 |
| | 44 | 2056 | 1.000 | 0.178 | 150.7 | 150.7 | 26.8 | | | 26.8 | | | | 5.2 | 5.2 | 0.93 | 5.2 | 5.2 | 0.93 |
| | 45 | 2057 | 1.000 | 0.171 | 150.7 | 150.7 | 25.8 | | | 25.8 | | | | 5.2 | 5.2 | 0.89 | 5.2 | 5.2 | 0.89 |
| 年 | 46 | 2058 | 1.000 | 0.165 | 150.7 | 150.7 | 24.9 | | | 24.9 | | | | 5.2 | 5.2 | 0.86 | 5.2 | 5.2 | 0.86 |
| | 47 | 2059 | 1.000 | 0.158 | 150.7 | 150.7 | 23.8 | | | 23.8 | | | | 5.2 | 5.2 | 0.82 | 5.2 | 5.2 | 0.82 |
| | 48 | 2060 | 1.000 | 0.152 | 150.7 | 150.7 | 22.9 | | | 22.9 | | | | 5.2 | 5.2 | 0.79 | 5.2 | 5.2 | 0.79 |
| | 49 | 2061 | 1.000 | 0.146 | 150.7 | 150.7 | 22.0 | | | 22.0 | | | | 5.2 | 5.2 | 0.76 | 5.2 | 5.2 | 0.76 |
| ～ | 50 | 2062 | 1.000 | 0.141 | 150.7 | 150.7 | 21.2 | 242.6 | 34.2 | 55.4 | | | | 5.2 | 5.2 | 0.73 | 5.2 | 5.2 | 0.73 |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 7,739 | 7,739 | 3,446 | 243 | 34.2 | 3,481 =B | 1,142 | 1,142 | 1,228 | 267 | 267 | 119 | 1,409 | 1,410 | 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 35 |
| 総費用（億円） | C | 13 |
| **費用便益比** | **B／C** | **2.7** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 12.0% |

Case③

【費用便益算定シート・宮川勢田川水辺整備　事業費-10%（全体事業）】　　（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2013(H25) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| 期整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | 564.0 | 564.6 | 635.2 | | | | 564.0 | 564.6 | 635.2 |
| | -2 | 2010 | 1.000 | 1.082 | 40.0 | 40.0 | 43.3 | | | 43.3 | 23.0 | 23.0 | 24.9 | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 40.0 | 40.0 | 41.6 | | | 41.6 | 337.7 | 337.7 | 351.2 | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 間備 | 0 | 2012 | 1.000 | 1.000 | 123.7 | 123.7 | 123.7 | | | 123.7 | 217.1 | 217.1 | 217.1 | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 施 | 1 | 2013 | 1.000 | 0.962 | 150.7 | 150.7 | 145.0 | | | 145.0 | | | | 5.2 | 5.2 | 5.0 | 5.2 | 5.2 | 5.0 |
| | 2 | 2014 | 1.000 | 0.925 | 150.7 | 150.7 | 139.4 | | | 139.4 | | | | 5.2 | 5.2 | 4.8 | 5.2 | 5.2 | 4.8 |
| | 3 | 2015 | 1.000 | 0.889 | 150.7 | 150.7 | 134.0 | | | 134.0 | | | | 5.2 | 5.2 | 4.6 | 5.2 | 5.2 | 4.6 |
| | 4 | 2016 | 1.000 | 0.855 | 150.7 | 150.7 | 128.8 | | | 128.8 | | | | 5.2 | 5.2 | 4.5 | 5.2 | 5.2 | 4.5 |
| 設 | 5 | 2017 | 1.000 | 0.822 | 150.7 | 150.7 | 123.9 | | | 123.9 | | | | 5.2 | 5.2 | 4.3 | 5.2 | 5.2 | 4.3 |
| | 6 | 2018 | 1.000 | 0.790 | 150.7 | 150.7 | 119.1 | | | 119.1 | | | | 5.2 | 5.2 | 4.1 | 5.2 | 5.2 | 4.1 |
| | 7 | 2019 | 1.000 | 0.760 | 150.7 | 150.7 | 114.5 | | | 114.5 | | | | 5.2 | 5.2 | 4.0 | 5.2 | 5.2 | 4.0 |
| 完 | 8 | 2020 | 1.000 | 0.731 | 150.7 | 150.7 | 110.2 | | | 110.2 | | | | 5.2 | 5.2 | 3.8 | 5.2 | 5.2 | 3.8 |
| | 9 | 2021 | 1.000 | 0.703 | 150.7 | 150.7 | 105.9 | | | 105.9 | | | | 5.2 | 5.2 | 3.7 | 5.2 | 5.2 | 3.7 |
| | 10 | 2022 | 1.000 | 0.676 | 150.7 | 150.7 | 101.9 | | | 101.9 | | | | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 3.5 |
| | 11 | 2023 | 1.000 | 0.650 | 150.7 | 150.7 | 98.0 | | | 98.0 | | | | 5.2 | 5.2 | 3.4 | 5.2 | 5.2 | 3.4 |
| 成 | 12 | 2024 | 1.000 | 0.625 | 150.7 | 150.7 | 94.2 | | | 94.2 | | | | 5.2 | 5.2 | 3.3 | 5.2 | 5.2 | 3.3 |
| | 13 | 2025 | 1.000 | 0.601 | 150.7 | 150.7 | 90.6 | | | 90.6 | | | | 5.2 | 5.2 | 3.1 | 5.2 | 5.2 | 3.1 |
| | 14 | 2026 | 1.000 | 0.577 | 150.7 | 150.7 | 87.0 | | | 87.0 | | | | 5.2 | 5.2 | 3.0 | 5.2 | 5.2 | 3.0 |
| | 15 | 2027 | 1.000 | 0.555 | 150.7 | 150.7 | 83.6 | | | 83.6 | | | | 5.2 | 5.2 | 2.9 | 5.2 | 5.2 | 2.9 |
| 後 | 16 | 2028 | 1.000 | 0.534 | 150.7 | 150.7 | 80.5 | | | 80.5 | | | | 5.2 | 5.2 | 2.8 | 5.2 | 5.2 | 2.8 |
| | 17 | 2029 | 1.000 | 0.513 | 150.7 | 150.7 | 77.3 | | | 77.3 | | | | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 2.7 |
| | 18 | 2030 | 1.000 | 0.494 | 150.7 | 150.7 | 74.4 | | | 74.4 | | | | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| の | 19 | 2031 | 1.000 | 0.475 | 150.7 | 150.7 | 71.6 | | | 71.6 | | | | 5.2 | 5.2 | 2.5 | 5.2 | 5.2 | 2.5 |
| | 20 | 2032 | 1.000 | 0.456 | 150.7 | 150.7 | 68.7 | | | 68.7 | | | | 5.2 | 5.2 | 2.4 | 5.2 | 5.2 | 2.4 |
| | 21 | 2033 | 1.000 | 0.439 | 150.7 | 150.7 | 66.2 | | | 66.2 | | | | 5.2 | 5.2 | 2.3 | 5.2 | 5.2 | 2.3 |
| | 22 | 2034 | 1.000 | 0.422 | 150.7 | 150.7 | 63.6 | | | 63.6 | | | | 5.2 | 5.2 | 2.2 | 5.2 | 5.2 | 2.2 |
| 評 | 23 | 2035 | 1.000 | 0.406 | 150.7 | 150.7 | 61.2 | | | 61.2 | | | | 5.2 | 5.2 | 2.1 | 5.2 | 5.2 | 2.1 |
| | 24 | 2036 | 1.000 | 0.390 | 150.7 | 150.7 | 58.8 | | | 58.8 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 25 | 2037 | 1.000 | 0.375 | 150.7 | 150.7 | 56.5 | | | 56.5 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 26 | 2038 | 1.000 | 0.361 | 150.7 | 150.7 | 54.4 | | | 54.4 | | | | 5.2 | 5.2 | 1.9 | 5.2 | 5.2 | 1.9 |
| 価 | 27 | 2039 | 1.000 | 0.347 | 150.7 | 150.7 | 52.3 | | | 52.3 | | | | 5.2 | 5.2 | 1.8 | 5.2 | 5.2 | 1.8 |
| | 28 | 2040 | 1.000 | 0.333 | 150.7 | 150.7 | 50.2 | | | 50.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| | 29 | 2041 | 1.000 | 0.321 | 150.7 | 150.7 | 48.4 | | | 48.4 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| 期 | 30 | 2042 | 1.000 | 0.308 | 150.7 | 150.7 | 46.4 | | | 46.4 | | | | 5.2 | 5.2 | 1.6 | 5.2 | 5.2 | 1.6 |
| | 31 | 2043 | 1.000 | 0.296 | 150.7 | 150.7 | 44.6 | | | 44.6 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 32 | 2044 | 1.000 | 0.285 | 150.7 | 150.7 | 42.9 | | | 42.9 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 33 | 2045 | 1.000 | 0.274 | 150.7 | 150.7 | 41.3 | | | 41.3 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| 間 | 34 | 2046 | 1.000 | 0.264 | 150.7 | 150.7 | 39.8 | | | 39.8 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| | 35 | 2047 | 1.000 | 0.253 | 150.7 | 150.7 | 38.1 | | | 38.1 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 36 | 2048 | 1.000 | 0.244 | 150.7 | 150.7 | 36.8 | | | 36.8 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 37 | 2049 | 1.000 | 0.234 | 150.7 | 150.7 | 35.3 | | | 35.3 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| ～ | 38 | 2050 | 1.000 | 0.225 | 150.7 | 150.7 | 33.9 | | | 33.9 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| | 39 | 2051 | 1.000 | 0.217 | 150.7 | 150.7 | 32.7 | | | 32.7 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 40 | 2052 | 1.000 | 0.208 | 150.7 | 150.7 | 31.3 | | | 31.3 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| 5 | 41 | 2053 | 1.000 | 0.200 | 150.7 | 150.7 | 30.1 | | | 30.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 0 | 42 | 2054 | 1.000 | 0.193 | 150.7 | 150.7 | 29.1 | | | 29.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| | 43 | 2055 | 1.000 | 0.185 | 150.7 | 150.7 | 27.9 | | | 27.9 | | | | 5.2 | 5.2 | 0.96 | 5.2 | 5.2 | 0.96 |
| | 44 | 2056 | 1.000 | 0.178 | 150.7 | 150.7 | 26.8 | | | 26.8 | | | | 5.2 | 5.2 | 0.93 | 5.2 | 5.2 | 0.93 |
| | 45 | 2057 | 1.000 | 0.171 | 150.7 | 150.7 | 25.8 | | | 25.8 | | | | 5.2 | 5.2 | 0.89 | 5.2 | 5.2 | 0.89 |
| 年 | 46 | 2058 | 1.000 | 0.165 | 150.7 | 150.7 | 24.9 | | | 24.9 | | | | 5.2 | 5.2 | 0.86 | 5.2 | 5.2 | 0.86 |
| | 47 | 2059 | 1.000 | 0.158 | 150.7 | 150.7 | 23.8 | | | 23.8 | | | | 5.2 | 5.2 | 0.82 | 5.2 | 5.2 | 0.82 |
| | 48 | 2060 | 1.000 | 0.152 | 150.7 | 150.7 | 22.9 | | | 22.9 | | | | 5.2 | 5.2 | 0.79 | 5.2 | 5.2 | 0.79 |
| | 49 | 2061 | 1.000 | 0.146 | 150.7 | 150.7 | 22.0 | | | 22.0 | | | | 5.2 | 5.2 | 0.76 | 5.2 | 5.2 | 0.76 |
| ～ | 50 | 2062 | 1.000 | 0.141 | 150.7 | 150.7 | 21.2 | 242.6 | 34.2 | 55.4 | | | | 5.2 | 5.2 | 0.73 | 5.2 | 5.2 | 0.73 |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 7,739 | 7,739 | 3,446 | 243 | 34.2 | 3,481 =B | 1,142 | 1,142 | 1,228 | 267 | 267 | 119 | 1,409 | 1,410 | 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 35 |
| 総費用（億円） | C | 13 |
| **費用便益比** | **B／C** | **2.7** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 12.0% |

# Case④

【費用便益算定シート・宮川勢田川水辺整備　世帯数+10%（全体事業）】　　（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2013(H25) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| 期整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | 564.0 | 564.6 | 635.2 | | | | 564.0 | 564.6 | 635.2 |
| | -2 | 2010 | 1.000 | 1.082 | 44.0 | 44.0 | 47.6 | | | 47.6 | 23.0 | 23.0 | 24.9 | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 44.0 | 44.0 | 45.8 | | | 45.8 | 337.7 | 337.7 | 351.2 | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 間備 | 0 | 2012 | 1.000 | 1.000 | 136.1 | 136.1 | 136.1 | | | 136.1 | 217.1 | 217.1 | 217.1 | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 施 | 1 | 2013 | 1.000 | 0.962 | 165.8 | 165.8 | 159.5 | | | 159.5 | | | | 5.2 | 5.2 | 5.0 | 5.2 | 5.2 | 5.0 |
| | 2 | 2014 | 1.000 | 0.925 | 165.8 | 165.8 | 153.4 | | | 153.4 | | | | 5.2 | 5.2 | 4.8 | 5.2 | 5.2 | 4.8 |
| | 3 | 2015 | 1.000 | 0.889 | 165.8 | 165.8 | 147.4 | | | 147.4 | | | | 5.2 | 5.2 | 4.6 | 5.2 | 5.2 | 4.6 |
| | 4 | 2016 | 1.000 | 0.855 | 165.8 | 165.8 | 141.8 | | | 141.8 | | | | 5.2 | 5.2 | 4.5 | 5.2 | 5.2 | 4.5 |
| 設 | 5 | 2017 | 1.000 | 0.822 | 165.8 | 165.8 | 136.3 | | | 136.3 | | | | 5.2 | 5.2 | 4.3 | 5.2 | 5.2 | 4.3 |
| | 6 | 2018 | 1.000 | 0.790 | 165.8 | 165.8 | 131.0 | | | 131.0 | | | | 5.2 | 5.2 | 4.1 | 5.2 | 5.2 | 4.1 |
| | 7 | 2019 | 1.000 | 0.760 | 165.8 | 165.8 | 126.0 | | | 126.0 | | | | 5.2 | 5.2 | 4.0 | 5.2 | 5.2 | 4.0 |
| 完 | 8 | 2020 | 1.000 | 0.731 | 165.8 | 165.8 | 121.2 | | | 121.2 | | | | 5.2 | 5.2 | 3.8 | 5.2 | 5.2 | 3.8 |
| | 9 | 2021 | 1.000 | 0.703 | 165.8 | 165.8 | 116.6 | | | 116.6 | | | | 5.2 | 5.2 | 3.7 | 5.2 | 5.2 | 3.7 |
| | 10 | 2022 | 1.000 | 0.676 | 165.8 | 165.8 | 112.1 | | | 112.1 | | | | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 3.5 |
| | 11 | 2023 | 1.000 | 0.650 | 165.8 | 165.8 | 107.8 | | | 107.8 | | | | 5.2 | 5.2 | 3.4 | 5.2 | 5.2 | 3.4 |
| 成 | 12 | 2024 | 1.000 | 0.625 | 165.8 | 165.8 | 103.6 | | | 103.6 | | | | 5.2 | 5.2 | 3.3 | 5.2 | 5.2 | 3.3 |
| | 13 | 2025 | 1.000 | 0.601 | 165.8 | 165.8 | 99.6 | | | 99.6 | | | | 5.2 | 5.2 | 3.1 | 5.2 | 5.2 | 3.1 |
| | 14 | 2026 | 1.000 | 0.577 | 165.8 | 165.8 | 95.7 | | | 95.7 | | | | 5.2 | 5.2 | 3.0 | 5.2 | 5.2 | 3.0 |
| | 15 | 2027 | 1.000 | 0.555 | 165.8 | 165.8 | 92.0 | | | 92.0 | | | | 5.2 | 5.2 | 2.9 | 5.2 | 5.2 | 2.9 |
| 後 | 16 | 2028 | 1.000 | 0.534 | 165.8 | 165.8 | 88.5 | | | 88.5 | | | | 5.2 | 5.2 | 2.8 | 5.2 | 5.2 | 2.8 |
| | 17 | 2029 | 1.000 | 0.513 | 165.8 | 165.8 | 85.1 | | | 85.1 | | | | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 2.7 |
| | 18 | 2030 | 1.000 | 0.494 | 165.8 | 165.8 | 81.9 | | | 81.9 | | | | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| | 19 | 2031 | 1.000 | 0.475 | 165.8 | 165.8 | 78.8 | | | 78.8 | | | | 5.2 | 5.2 | 2.5 | 5.2 | 5.2 | 2.5 |
| の | 20 | 2032 | 1.000 | 0.456 | 165.8 | 165.8 | 75.6 | | | 75.6 | | | | 5.2 | 5.2 | 2.4 | 5.2 | 5.2 | 2.4 |
| | 21 | 2033 | 1.000 | 0.439 | 165.8 | 165.8 | 72.8 | | | 72.8 | | | | 5.2 | 5.2 | 2.3 | 5.2 | 5.2 | 2.3 |
| | 22 | 2034 | 1.000 | 0.422 | 165.8 | 165.8 | 70.0 | | | 70.0 | | | | 5.2 | 5.2 | 2.2 | 5.2 | 5.2 | 2.2 |
| 評 | 23 | 2035 | 1.000 | 0.406 | 165.8 | 165.8 | 67.3 | | | 67.3 | | | | 5.2 | 5.2 | 2.1 | 5.2 | 5.2 | 2.1 |
| | 24 | 2036 | 1.000 | 0.390 | 165.8 | 165.8 | 64.7 | | | 64.7 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 25 | 2037 | 1.000 | 0.375 | 165.8 | 165.8 | 62.2 | | | 62.2 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 26 | 2038 | 1.000 | 0.361 | 165.8 | 165.8 | 59.9 | | | 59.9 | | | | 5.2 | 5.2 | 1.9 | 5.2 | 5.2 | 1.9 |
| 価 | 27 | 2039 | 1.000 | 0.347 | 165.8 | 165.8 | 57.5 | | | 57.5 | | | | 5.2 | 5.2 | 1.8 | 5.2 | 5.2 | 1.8 |
| | 28 | 2040 | 1.000 | 0.333 | 165.8 | 165.8 | 55.2 | | | 55.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| | 29 | 2041 | 1.000 | 0.321 | 165.8 | 165.8 | 53.2 | | | 53.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| 期 | 30 | 2042 | 1.000 | 0.308 | 165.8 | 165.8 | 51.1 | | | 51.1 | | | | 5.2 | 5.2 | 1.6 | 5.2 | 5.2 | 1.6 |
| | 31 | 2043 | 1.000 | 0.296 | 165.8 | 165.8 | 49.1 | | | 49.1 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 32 | 2044 | 1.000 | 0.285 | 165.8 | 165.8 | 47.3 | | | 47.3 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 33 | 2045 | 1.000 | 0.274 | 165.8 | 165.8 | 45.4 | | | 45.4 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| 間 | 34 | 2046 | 1.000 | 0.264 | 165.8 | 165.8 | 43.8 | | | 43.8 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| | 35 | 2047 | 1.000 | 0.253 | 165.8 | 165.8 | 41.9 | | | 41.9 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 36 | 2048 | 1.000 | 0.244 | 165.8 | 165.8 | 40.5 | | | 40.5 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 37 | 2049 | 1.000 | 0.234 | 165.8 | 165.8 | 38.8 | | | 38.8 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| （ | 38 | 2050 | 1.000 | 0.225 | 165.8 | 165.8 | 37.3 | | | 37.3 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| | 39 | 2051 | 1.000 | 0.217 | 165.8 | 165.8 | 36.0 | | | 36.0 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 40 | 2052 | 1.000 | 0.208 | 165.8 | 165.8 | 34.5 | | | 34.5 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 41 | 2053 | 1.000 | 0.200 | 165.8 | 165.8 | 33.2 | | | 33.2 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 5 | 42 | 2054 | 1.000 | 0.193 | 165.8 | 165.8 | 32.0 | | | 32.0 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 0 | 43 | 2055 | 1.000 | 0.185 | 165.8 | 165.8 | 30.7 | | | 30.7 | | | | 5.2 | 5.2 | 0.96 | 5.2 | 5.2 | 0.96 |
| | 44 | 2056 | 1.000 | 0.178 | 165.8 | 165.8 | 29.5 | | | 29.5 | | | | 5.2 | 5.2 | 0.93 | 5.2 | 5.2 | 0.93 |
| | 45 | 2057 | 1.000 | 0.171 | 165.8 | 165.8 | 28.4 | | | 28.4 | | | | 5.2 | 5.2 | 0.89 | 5.2 | 5.2 | 0.89 |
| 年 | 46 | 2058 | 1.000 | 0.165 | 165.8 | 165.8 | 27.4 | | | 27.4 | | | | 5.2 | 5.2 | 0.86 | 5.2 | 5.2 | 0.86 |
| | 47 | 2059 | 1.000 | 0.158 | 165.8 | 165.8 | 26.2 | | | 26.2 | | | | 5.2 | 5.2 | 0.82 | 5.2 | 5.2 | 0.82 |
| | 48 | 2060 | 1.000 | 0.152 | 165.8 | 165.8 | 25.2 | | | 25.2 | | | | 5.2 | 5.2 | 0.79 | 5.2 | 5.2 | 0.79 |
| | 49 | 2061 | 1.000 | 0.146 | 165.8 | 165.8 | 24.2 | | | 24.2 | | | | 5.2 | 5.2 | 0.76 | 5.2 | 5.2 | 0.76 |
| ） | 50 | 2062 | 1.000 | 0.141 | 165.8 | 165.8 | 23.4 | 242.6 | 34.2 | 57.6 | | | | 5.2 | 5.2 | 0.73 | 5.2 | 5.2 | 0.73 |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 8,514 | 8,514 | 3,792 | 243 | 34.2 | 3,826 =B | 1,142 | 1,142 | 1,228 | 267 | 267 | 119 | 1,409 | 1,410 | 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 38 |
| 総費用（億円） | C | 13 |
| **費用便益比** | **B／C** | **2.9** |
| 純現在価値（億円） | B－C | 25 |
| 経済的内部収益率 | | 13.2% |

Case⑤

【費用便益算定シート・宮川勢田川水辺整備　世帯数-10%（全体事業）】　　（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2013(H25) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| 期整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | 564.0 | 564.6 | 635.2 | | | | 564.0 | 564.6 | 635.2 |
| | -2 | 2010 | 1.000 | 1.082 | 36.0 | 36.0 | 39.0 | | | 39.0 | 23.0 | 23.0 | 24.9 | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 36.0 | 36.0 | 37.4 | | | 37.4 | 337.7 | 337.7 | 351.2 | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 間備 | 0 | 2012 | 1.000 | 1.000 | 111.4 | 111.4 | 111.4 | | | 111.4 | 217.1 | 217.1 | 217.1 | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 施 | 1 | 2013 | 1.000 | 0.962 | 135.7 | 135.7 | 130.5 | | | 130.5 | | | | 5.2 | 5.2 | 5.0 | 5.2 | 5.2 | 5.0 |
| | 2 | 2014 | 1.000 | 0.925 | 135.7 | 135.7 | 125.5 | | | 125.5 | | | | 5.2 | 5.2 | 4.8 | 5.2 | 5.2 | 4.8 |
| | 3 | 2015 | 1.000 | 0.889 | 135.7 | 135.7 | 120.6 | | | 120.6 | | | | 5.2 | 5.2 | 4.6 | 5.2 | 5.2 | 4.6 |
| | 4 | 2016 | 1.000 | 0.855 | 135.7 | 135.7 | 116.0 | | | 116.0 | | | | 5.2 | 5.2 | 4.5 | 5.2 | 5.2 | 4.5 |
| 設 | 5 | 2017 | 1.000 | 0.822 | 135.7 | 135.7 | 111.5 | | | 111.5 | | | | 5.2 | 5.2 | 4.3 | 5.2 | 5.2 | 4.3 |
| | 6 | 2018 | 1.000 | 0.790 | 135.7 | 135.7 | 107.2 | | | 107.2 | | | | 5.2 | 5.2 | 4.1 | 5.2 | 5.2 | 4.1 |
| | 7 | 2019 | 1.000 | 0.760 | 135.7 | 135.7 | 103.1 | | | 103.1 | | | | 5.2 | 5.2 | 4.0 | 5.2 | 5.2 | 4.0 |
| 完 | 8 | 2020 | 1.000 | 0.731 | 135.7 | 135.7 | 99.2 | | | 99.2 | | | | 5.2 | 5.2 | 3.8 | 5.2 | 5.2 | 3.8 |
| | 9 | 2021 | 1.000 | 0.703 | 135.7 | 135.7 | 95.4 | | | 95.4 | | | | 5.2 | 5.2 | 3.7 | 5.2 | 5.2 | 3.7 |
| | 10 | 2022 | 1.000 | 0.676 | 135.7 | 135.7 | 91.7 | | | 91.7 | | | | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 3.5 |
| 成 | 11 | 2023 | 1.000 | 0.650 | 135.7 | 135.7 | 88.2 | | | 88.2 | | | | 5.2 | 5.2 | 3.4 | 5.2 | 5.2 | 3.4 |
| | 12 | 2024 | 1.000 | 0.625 | 135.7 | 135.7 | 84.8 | | | 84.8 | | | | 5.2 | 5.2 | 3.3 | 5.2 | 5.2 | 3.3 |
| | 13 | 2025 | 1.000 | 0.601 | 135.7 | 135.7 | 81.6 | | | 81.6 | | | | 5.2 | 5.2 | 3.1 | 5.2 | 5.2 | 3.1 |
| | 14 | 2026 | 1.000 | 0.577 | 135.7 | 135.7 | 78.3 | | | 78.3 | | | | 5.2 | 5.2 | 3.0 | 5.2 | 5.2 | 3.0 |
| 後 | 15 | 2027 | 1.000 | 0.555 | 135.7 | 135.7 | 75.3 | | | 75.3 | | | | 5.2 | 5.2 | 2.9 | 5.2 | 5.2 | 2.9 |
| | 16 | 2028 | 1.000 | 0.534 | 135.7 | 135.7 | 72.5 | | | 72.5 | | | | 5.2 | 5.2 | 2.8 | 5.2 | 5.2 | 2.8 |
| | 17 | 2029 | 1.000 | 0.513 | 135.7 | 135.7 | 69.6 | | | 69.6 | | | | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 2.7 |
| | 18 | 2030 | 1.000 | 0.494 | 135.7 | 135.7 | 67.0 | | | 67.0 | | | | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| の | 19 | 2031 | 1.000 | 0.475 | 135.7 | 135.7 | 64.5 | | | 64.5 | | | | 5.2 | 5.2 | 2.5 | 5.2 | 5.2 | 2.5 |
| | 20 | 2032 | 1.000 | 0.456 | 135.7 | 135.7 | 61.9 | | | 61.9 | | | | 5.2 | 5.2 | 2.4 | 5.2 | 5.2 | 2.4 |
| | 21 | 2033 | 1.000 | 0.439 | 135.7 | 135.7 | 59.6 | | | 59.6 | | | | 5.2 | 5.2 | 2.3 | 5.2 | 5.2 | 2.3 |
| | 22 | 2034 | 1.000 | 0.422 | 135.7 | 135.7 | 57.3 | | | 57.3 | | | | 5.2 | 5.2 | 2.2 | 5.2 | 5.2 | 2.2 |
| 評 | 23 | 2035 | 1.000 | 0.406 | 135.7 | 135.7 | 55.1 | | | 55.1 | | | | 5.2 | 5.2 | 2.1 | 5.2 | 5.2 | 2.1 |
| | 24 | 2036 | 1.000 | 0.390 | 135.7 | 135.7 | 52.9 | | | 52.9 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 25 | 2037 | 1.000 | 0.375 | 135.7 | 135.7 | 50.9 | | | 50.9 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 26 | 2038 | 1.000 | 0.361 | 135.7 | 135.7 | 49.0 | | | 49.0 | | | | 5.2 | 5.2 | 1.9 | 5.2 | 5.2 | 1.9 |
| 価 | 27 | 2039 | 1.000 | 0.347 | 135.7 | 135.7 | 47.1 | | | 47.1 | | | | 5.2 | 5.2 | 1.8 | 5.2 | 5.2 | 1.8 |
| | 28 | 2040 | 1.000 | 0.333 | 135.7 | 135.7 | 45.2 | | | 45.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| | 29 | 2041 | 1.000 | 0.321 | 135.7 | 135.7 | 43.6 | | | 43.6 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| 期 | 30 | 2042 | 1.000 | 0.308 | 135.7 | 135.7 | 41.8 | | | 41.8 | | | | 5.2 | 5.2 | 1.6 | 5.2 | 5.2 | 1.6 |
| | 31 | 2043 | 1.000 | 0.296 | 135.7 | 135.7 | 40.2 | | | 40.2 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 32 | 2044 | 1.000 | 0.285 | 135.7 | 135.7 | 38.7 | | | 38.7 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 33 | 2045 | 1.000 | 0.274 | 135.7 | 135.7 | 37.2 | | | 37.2 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| 間 | 34 | 2046 | 1.000 | 0.264 | 135.7 | 135.7 | 35.8 | | | 35.8 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| | 35 | 2047 | 1.000 | 0.253 | 135.7 | 135.7 | 34.3 | | | 34.3 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 36 | 2048 | 1.000 | 0.244 | 135.7 | 135.7 | 33.1 | | | 33.1 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 37 | 2049 | 1.000 | 0.234 | 135.7 | 135.7 | 31.8 | | | 31.8 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| （ | 38 | 2050 | 1.000 | 0.225 | 135.7 | 135.7 | 30.5 | | | 30.5 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| | 39 | 2051 | 1.000 | 0.217 | 135.7 | 135.7 | 29.4 | | | 29.4 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 40 | 2052 | 1.000 | 0.208 | 135.7 | 135.7 | 28.2 | | | 28.2 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| 5 | 41 | 2053 | 1.000 | 0.200 | 135.7 | 135.7 | 27.1 | | | 27.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 0 | 42 | 2054 | 1.000 | 0.193 | 135.7 | 135.7 | 26.2 | | | 26.2 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| | 43 | 2055 | 1.000 | 0.185 | 135.7 | 135.7 | 25.1 | | | 25.1 | | | | 5.2 | 5.2 | 0.96 | 5.2 | 5.2 | 0.96 |
| | 44 | 2056 | 1.000 | 0.178 | 135.7 | 135.7 | 24.2 | | | 24.2 | | | | 5.2 | 5.2 | 0.93 | 5.2 | 5.2 | 0.93 |
| | 45 | 2057 | 1.000 | 0.171 | 135.7 | 135.7 | 23.2 | | | 23.2 | | | | 5.2 | 5.2 | 0.89 | 5.2 | 5.2 | 0.89 |
| 年 | 46 | 2058 | 1.000 | 0.165 | 135.7 | 135.7 | 22.4 | | | 22.4 | | | | 5.2 | 5.2 | 0.86 | 5.2 | 5.2 | 0.86 |
| | 47 | 2059 | 1.000 | 0.158 | 135.7 | 135.7 | 21.4 | | | 21.4 | | | | 5.2 | 5.2 | 0.82 | 5.2 | 5.2 | 0.82 |
| | 48 | 2060 | 1.000 | 0.152 | 135.7 | 135.7 | 20.6 | | | 20.6 | | | | 5.2 | 5.2 | 0.79 | 5.2 | 5.2 | 0.79 |
| | 49 | 2061 | 1.000 | 0.146 | 135.7 | 135.7 | 19.8 | | | 19.8 | | | | 5.2 | 5.2 | 0.76 | 5.2 | 5.2 | 0.76 |
| ） | 50 | 2062 | 1.000 | 0.141 | 135.7 | 135.7 | 19.1 | 242.6 | 34.2 | 53.3 | | | | 5.2 | 5.2 | 0.73 | 5.2 | 5.2 | 0.73 |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 6,968 | 6,968 | 3,103 | 243 | 34.2 | 3,137 =B | 1,142 | 1,142 | 1,228 | 267 | 267 | 119 | 1,409 | 1,410 | 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 31 |
| 総費用（億円） | C | 13 |
| **費用便益比** | **B／C** | **2.4** |
| 純現在価値（億円） | B－C | 18 |
| 経済的内部収益率 | | 10.8% |

# 事業費の内訳書

河川事業

| 事業名 | 宮川勢田川水辺整備(全体事業) |
|---|---|

| 評価年度 | H24 | 再評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 883.9 | |
| | 本工事費 | | 式 | 1 | 883.9 | |
| | | 勢田川地区 | | | | |
| | | 親水護岸 | m | 2,280 | 276.9 | |
| | | | | | | |
| | | 川端地区 | | | | |
| | | 高水敷整正 | m2 | 235,700 | 40.7 | |
| | | 緩傾斜堤防 | m | 876 | 171.4 | |
| | | 低水護岸 | m | 920 | 236.38 | |
| | | | | | | |
| | | 御薗地区 | | | | |
| | | 管理用通路 | 式 | 1 | 158.5 | |
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| | 付帯工事費 | | | | | |
| | | | | | | |
| | 用地費及補償費 | | | | | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 84.2 | |
| 工事諸費 | | | 式 | 1 | 173.8 | |
| 自治体費用 | | | 式 | | | |
| 事業費　計 | | | 式 | 1 | 1141.8 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 1.2 | 巡視、除草 |

# 事業費の内訳書

河川事業

| 事業名 | 宮川勢田川水辺整備(残事業) |
|---|---|

| 評価年度 | H24 | 再評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | | | | |
| | 本工事費 | | | | | |
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| | 付帯工事費 | | | | | |
| | | | | | | |
| | 用地費及補償費 | | | | | |
| | | | | | | |
| 間接経費 | | | | | | |
| 工事諸費 | | | | | | |
| 自治体費用 | | | | | | |
| 事業費　計 | | | 式 | 1 | 0.0 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 1.2 | 巡視、除草 |

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 利用推進であり、利用価値を主とするが、周遊性を有するため適用には課題がある。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である利用しやすい河川空間の整備は、利用価値を主とする。また、周遊性が事業特性の1つとなっていることから、様々な事例に適用可能で適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である利用しやすい河川空間の整備の効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

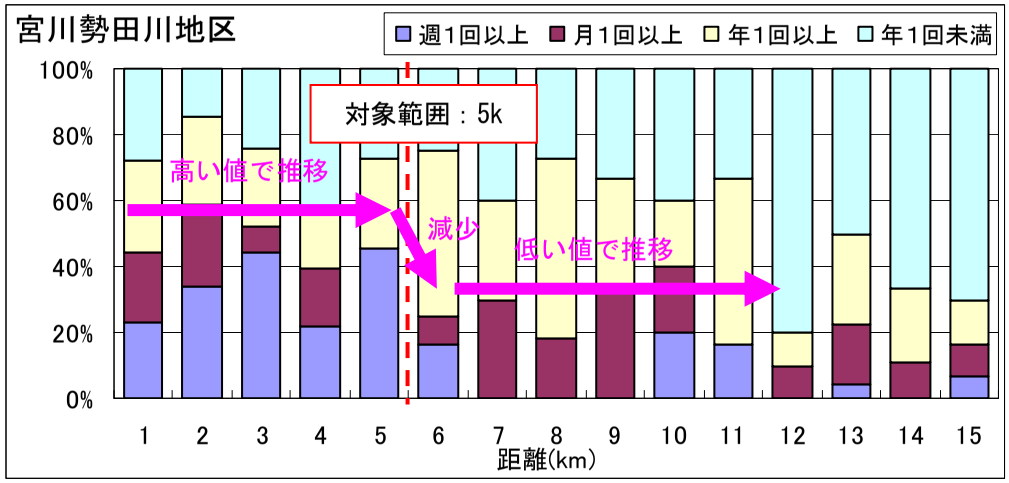
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であるが、周遊性を有することから、CVMの適用が妥当であると判断（前ページ参照）。 |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネット調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、ＷＥＢ調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の２つの選択肢から回答してもらう二項選択を、金額を変えて３回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払意思額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課）に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る467票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で裾切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

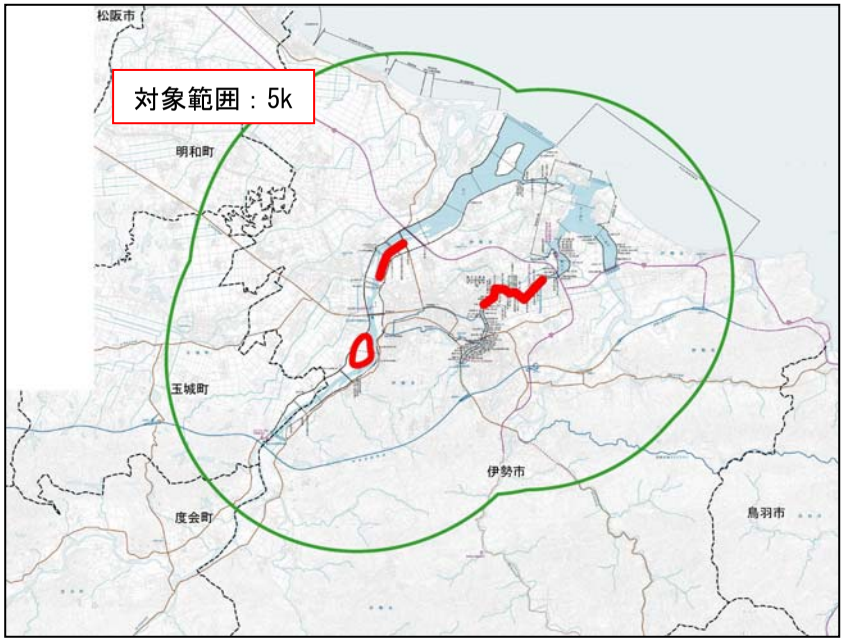
■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケート（プレテスト）を実施。

■当該地区への来訪頻度の変化点である5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は56,838世帯




来訪頻度の距離別構成




CVMアンケートの対象区域

# 4.支払意思額:WTP

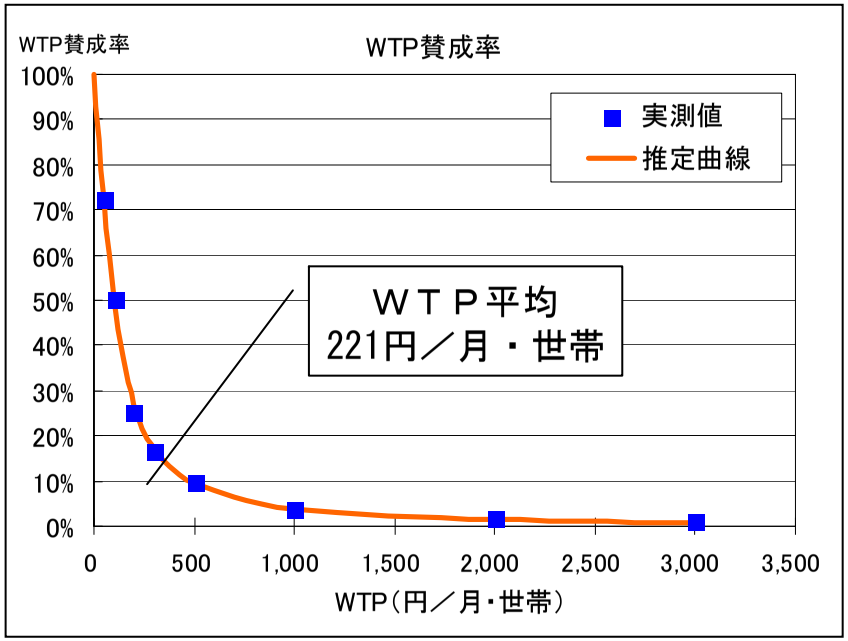
『地域の住民』のＷＴＰ

221円／月／世帯

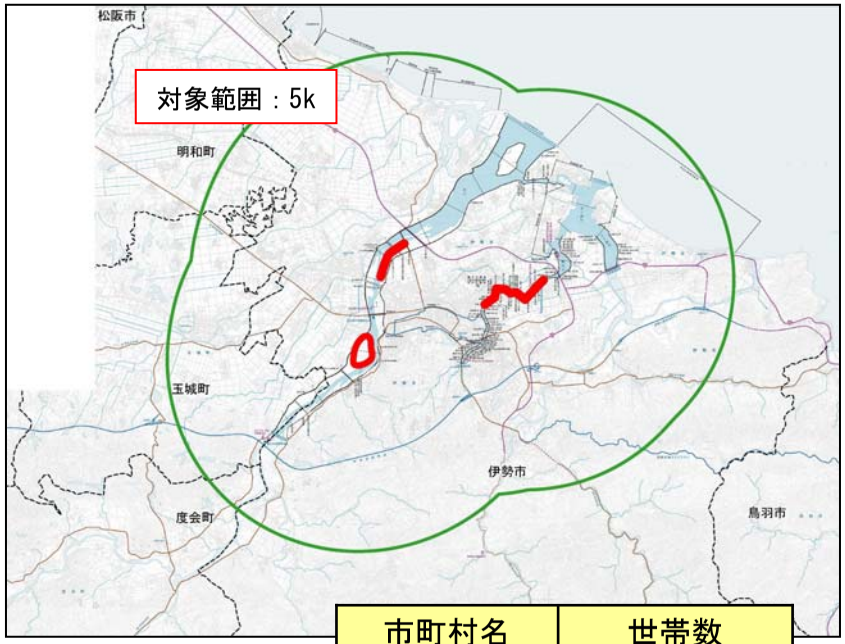
『地域の住民』の年便益

年便益＝221円×１２ヶ月×56,838世帯
＝1.5億円／年

WTP算定結果




世帯数の集計範囲




| 市町村名 | 世帯数 |
|---|---|
| 伊勢市<br>明和町<br>玉城町<br>度会町 | 56,838世帯 |

# 5.細部資料

## (1)費用便益算定シート

【費用便益算定シート・宮川勢田川水辺整備】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2013(H25) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -5 | 2007 | 0.994 | 1.217 | | | | | | | | | | | | | | | |
| | -4 | 2008 | 0.965 | 1.170 | | | | | | | | | | | | | | | |
| 期整 | -3 | 2009 | 1.001 | 1.125 | | | | | | | 564.0 | 564.6 | 635.2 | | | | 564.0 | 564.6 | 635.2 |
| | -2 | 2010 | 1.000 | 1.082 | 40.0 | 40.0 | 43.3 | | | 43.3 | 23.0 | 23.0 | 24.9 | 1.4 | 1.4 | 1.5 | 24.4 | 24.4 | 26.4 |
| | -1 | 2011 | 1.000 | 1.040 | 40.0 | 40.0 | 41.6 | | | 41.6 | 337.7 | 337.7 | 351.2 | 1.4 | 1.4 | 1.4 | 339.1 | 339.1 | 352.6 |
| 間備 | 0 | 2012 | 1.000 | 1.000 | 123.7 | 123.7 | 123.7 | | | 123.7 | 217.1 | 217.1 | 217.1 | 4.3 | 4.3 | 4.3 | 221.4 | 221.4 | 221.4 |
| 施 | 1 | 2013 | 1.000 | 0.962 | 150.7 | 150.7 | 145.0 | | | 145.0 | | | | 5.2 | 5.2 | 5.0 | 5.2 | 5.2 | 5.0 |
| | 2 | 2014 | 1.000 | 0.925 | 150.7 | 150.7 | 139.4 | | | 139.4 | | | | 5.2 | 5.2 | 4.8 | 5.2 | 5.2 | 4.8 |
| | 3 | 2015 | 1.000 | 0.889 | 150.7 | 150.7 | 134.0 | | | 134.0 | | | | 5.2 | 5.2 | 4.6 | 5.2 | 5.2 | 4.6 |
| 設 | 4 | 2016 | 1.000 | 0.855 | 150.7 | 150.7 | 128.8 | | | 128.8 | | | | 5.2 | 5.2 | 4.5 | 5.2 | 5.2 | 4.5 |
| | 5 | 2017 | 1.000 | 0.822 | 150.7 | 150.7 | 123.9 | | | 123.9 | | | | 5.2 | 5.2 | 4.3 | 5.2 | 5.2 | 4.3 |
| | 6 | 2018 | 1.000 | 0.790 | 150.7 | 150.7 | 119.1 | | | 119.1 | | | | 5.2 | 5.2 | 4.1 | 5.2 | 5.2 | 4.1 |
| | 7 | 2019 | 1.000 | 0.760 | 150.7 | 150.7 | 114.5 | | | 114.5 | | | | 5.2 | 5.2 | 4.0 | 5.2 | 5.2 | 4.0 |
| 完 | 8 | 2020 | 1.000 | 0.731 | 150.7 | 150.7 | 110.2 | | | 110.2 | | | | 5.2 | 5.2 | 3.8 | 5.2 | 5.2 | 3.8 |
| | 9 | 2021 | 1.000 | 0.703 | 150.7 | 150.7 | 105.9 | | | 105.9 | | | | 5.2 | 5.2 | 3.7 | 5.2 | 5.2 | 3.7 |
| | 10 | 2022 | 1.000 | 0.676 | 150.7 | 150.7 | 101.9 | | | 101.9 | | | | 5.2 | 5.2 | 3.5 | 5.2 | 5.2 | 3.5 |
| | 11 | 2023 | 1.000 | 0.650 | 150.7 | 150.7 | 98.0 | | | 98.0 | | | | 5.2 | 5.2 | 3.4 | 5.2 | 5.2 | 3.4 |
| 成 | 12 | 2024 | 1.000 | 0.625 | 150.7 | 150.7 | 94.2 | | | 94.2 | | | | 5.2 | 5.2 | 3.3 | 5.2 | 5.2 | 3.3 |
| | 13 | 2025 | 1.000 | 0.601 | 150.7 | 150.7 | 90.6 | | | 90.6 | | | | 5.2 | 5.2 | 3.1 | 5.2 | 5.2 | 3.1 |
| | 14 | 2026 | 1.000 | 0.577 | 150.7 | 150.7 | 87.0 | | | 87.0 | | | | 5.2 | 5.2 | 3.0 | 5.2 | 5.2 | 3.0 |
| | 15 | 2027 | 1.000 | 0.555 | 150.7 | 150.7 | 83.6 | | | 83.6 | | | | 5.2 | 5.2 | 2.9 | 5.2 | 5.2 | 2.9 |
| 後 | 16 | 2028 | 1.000 | 0.534 | 150.7 | 150.7 | 80.5 | | | 80.5 | | | | 5.2 | 5.2 | 2.8 | 5.2 | 5.2 | 2.8 |
| | 17 | 2029 | 1.000 | 0.513 | 150.7 | 150.7 | 77.3 | | | 77.3 | | | | 5.2 | 5.2 | 2.7 | 5.2 | 5.2 | 2.7 |
| | 18 | 2030 | 1.000 | 0.494 | 150.7 | 150.7 | 74.4 | | | 74.4 | | | | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| | 19 | 2031 | 1.000 | 0.475 | 150.7 | 150.7 | 71.6 | | | 71.6 | | | | 5.2 | 5.2 | 2.5 | 5.2 | 5.2 | 2.5 |
| の | 20 | 2032 | 1.000 | 0.456 | 150.7 | 150.7 | 68.7 | | | 68.7 | | | | 5.2 | 5.2 | 2.4 | 5.2 | 5.2 | 2.4 |
| | 21 | 2033 | 1.000 | 0.439 | 150.7 | 150.7 | 66.2 | | | 66.2 | | | | 5.2 | 5.2 | 2.3 | 5.2 | 5.2 | 2.3 |
| | 22 | 2034 | 1.000 | 0.422 | 150.7 | 150.7 | 63.6 | | | 63.6 | | | | 5.2 | 5.2 | 2.2 | 5.2 | 5.2 | 2.2 |
| | 23 | 2035 | 1.000 | 0.406 | 150.7 | 150.7 | 61.2 | | | 61.2 | | | | 5.2 | 5.2 | 2.1 | 5.2 | 5.2 | 2.1 |
| 評 | 24 | 2036 | 1.000 | 0.390 | 150.7 | 150.7 | 58.8 | | | 58.8 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 25 | 2037 | 1.000 | 0.375 | 150.7 | 150.7 | 56.5 | | | 56.5 | | | | 5.2 | 5.2 | 2.0 | 5.2 | 5.2 | 2.0 |
| | 26 | 2038 | 1.000 | 0.361 | 150.7 | 150.7 | 54.4 | | | 54.4 | | | | 5.2 | 5.2 | 1.9 | 5.2 | 5.2 | 1.9 |
| 価 | 27 | 2039 | 1.000 | 0.347 | 150.7 | 150.7 | 52.3 | | | 52.3 | | | | 5.2 | 5.2 | 1.8 | 5.2 | 5.2 | 1.8 |
| | 28 | 2040 | 1.000 | 0.333 | 150.7 | 150.7 | 50.2 | | | 50.2 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| | 29 | 2041 | 1.000 | 0.321 | 150.7 | 150.7 | 48.4 | | | 48.4 | | | | 5.2 | 5.2 | 1.7 | 5.2 | 5.2 | 1.7 |
| 期 | 30 | 2042 | 1.000 | 0.308 | 150.7 | 150.7 | 46.4 | | | 46.4 | | | | 5.2 | 5.2 | 1.6 | 5.2 | 5.2 | 1.6 |
| | 31 | 2043 | 1.000 | 0.296 | 150.7 | 150.7 | 44.6 | | | 44.6 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 32 | 2044 | 1.000 | 0.285 | 150.7 | 150.7 | 42.9 | | | 42.9 | | | | 5.2 | 5.2 | 1.5 | 5.2 | 5.2 | 1.5 |
| | 33 | 2045 | 1.000 | 0.274 | 150.7 | 150.7 | 41.3 | | | 41.3 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| 間 | 34 | 2046 | 1.000 | 0.264 | 150.7 | 150.7 | 39.8 | | | 39.8 | | | | 5.2 | 5.2 | 1.4 | 5.2 | 5.2 | 1.4 |
| | 35 | 2047 | 1.000 | 0.253 | 150.7 | 150.7 | 38.1 | | | 38.1 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 36 | 2048 | 1.000 | 0.244 | 150.7 | 150.7 | 36.8 | | | 36.8 | | | | 5.2 | 5.2 | 1.3 | 5.2 | 5.2 | 1.3 |
| | 37 | 2049 | 1.000 | 0.234 | 150.7 | 150.7 | 35.3 | | | 35.3 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| ～ | 38 | 2050 | 1.000 | 0.225 | 150.7 | 150.7 | 33.9 | | | 33.9 | | | | 5.2 | 5.2 | 1.2 | 5.2 | 5.2 | 1.2 |
| | 39 | 2051 | 1.000 | 0.217 | 150.7 | 150.7 | 32.7 | | | 32.7 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 40 | 2052 | 1.000 | 0.208 | 150.7 | 150.7 | 31.3 | | | 31.3 | | | | 5.2 | 5.2 | 1.1 | 5.2 | 5.2 | 1.1 |
| | 41 | 2053 | 1.000 | 0.200 | 150.7 | 150.7 | 30.1 | | | 30.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 5 | 42 | 2054 | 1.000 | 0.193 | 150.7 | 150.7 | 29.1 | | | 29.1 | | | | 5.2 | 5.2 | 1.0 | 5.2 | 5.2 | 1.0 |
| 0 | 43 | 2055 | 1.000 | 0.185 | 150.7 | 150.7 | 27.9 | | | 27.9 | | | | 5.2 | 5.2 | 0.96 | 5.2 | 5.2 | 0.96 |
| | 44 | 2056 | 1.000 | 0.178 | 150.7 | 150.7 | 26.8 | | | 26.8 | | | | 5.2 | 5.2 | 0.93 | 5.2 | 5.2 | 0.93 |
| | 45 | 2057 | 1.000 | 0.171 | 150.7 | 150.7 | 25.8 | | | 25.8 | | | | 5.2 | 5.2 | 0.89 | 5.2 | 5.2 | 0.89 |
| 年 | 46 | 2058 | 1.000 | 0.165 | 150.7 | 150.7 | 24.9 | | | 24.9 | | | | 5.2 | 5.2 | 0.86 | 5.2 | 5.2 | 0.86 |
| | 47 | 2059 | 1.000 | 0.158 | 150.7 | 150.7 | 23.8 | | | 23.8 | | | | 5.2 | 5.2 | 0.82 | 5.2 | 5.2 | 0.82 |
| | 48 | 2060 | 1.000 | 0.152 | 150.7 | 150.7 | 22.9 | | | 22.9 | | | | 5.2 | 5.2 | 0.79 | 5.2 | 5.2 | 0.79 |
| | 49 | 2061 | 1.000 | 0.146 | 150.7 | 150.7 | 22.0 | | | 22.0 | | | | 5.2 | 5.2 | 0.76 | 5.2 | 5.2 | 0.76 |
| ～ | 50 | 2062 | 1.000 | 0.141 | 150.7 | 150.7 | 21.2 | 242.6 | 34 | 55.4 | | | | 5.2 | 5.2 | 0.73 | 5.2 | 5.2 | 0.73 |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 7,739 | 7,739 | 3,446 | 243 | 34 | 3,481 =B | 1,142 | 1,142 | 1,228 | 267 | 267 | 119 | 1,409 | 1,410 | 1,348 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 35 |
| 総費用（億円） | C | 13 |
| **費用便益比** | **B／C** | **2.7** |
| 純現在価値（億円） | B－C | 22 |
| 経済的内部収益率 | | 12.0% |

# (2)調査アンケート票　1/5

宮-01

## 宮川・勢田川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年６月
国土交通省中部地方整備局
三 重 河 川 国 道 事 務 所

**アンケートにご協力いただく皆様方へ**

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 三重河川国道事務所では、伊勢市と連携し、平成 25 年に行われる式年遷宮に向けて河川の整備を進めています。

宮川では「川端地区」「御薗地区」での広い河川敷の造成、勢田川では既存施設を活用した散策できる空間の整備を行うことにより、両河川を中心とした一大交流拠点が創出されます。

本アンケート調査は、

**宮川・勢田川で行われているこの取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**宮川や勢田川の周辺地域にお住まいの皆様**にお願いしております。

本アンケート調査の目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません。**また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、回答用紙を同封の返信用封筒に入れて、**６月２５日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

**■調査主体**

国土交通省　中部地方整備局　三重河川国道事務所　調査第一課
TEL　059−229−2216（9:00～17:00；土曜・休祝日を除く）
FAX　059−229−2257

# (2)調査アンケート票　2/5

宮-01

（アンケート回答用紙）

まず、あなたの宮川・勢田川との関わりについてお尋ねします。

問1.　あなたは、宮川や勢田川という川をご存知ですか。あてはまる番号をそれぞれ１つ、○で囲んで下さい。

（1）宮川

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

（2）勢田川

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

続いて、伊勢市川端地区・御薗地区の宮川河川敷や勢田川地区の勢田川河川敷における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

問2.　あなたは、現在、伊勢市川端地区・御薗地区の宮川河川敷や勢田川地区の勢田川河川敷（説明資料「事業箇所図」参照）にどのくらい訪れますか。また、説明資料に示したような取り組みが行われた後、どれくらい訪れたいと思いますか。あてはまる番号を１つ、○で囲んで下さい。

また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。

（回答欄は次ページにあります）



| | 取り組み前（現在） | 取り組み後（将来） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週１回以上<br>2）月１回以上<br>3）年１回以上<br>で［　　］回くらい<br>→【下記②～⑤の設問へ】<br>4）行かない　→【問３へ】 | 1）週１回以上<br>2）月１回以上<br>3）年１回以上<br>で［　　］回くらい<br>→【下記②～⑤の設問へ】<br>4）行かない　→【問３へ】 |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散歩、ジョギング等<br>2）スポーツ<br>3）自然観察・環境学習<br>4）釣り<br>5）水遊び・レクリエーション<br>6）イベント参加<br>7）通勤・通学などの通り道<br>8）仕事<br>9）その他（　　） | 1）散歩、ジョギング等<br>2）スポーツ<br>3）自然観察・環境学習<br>4）釣り<br>5）水遊び・レクリエーション<br>6）イベント参加<br>7）通勤・通学などの通り道<br>8）仕事<br>9）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄らない<br>2）他にも立ち寄る<br>［　　］箇所くらい<br>主な場所（　　） | 1）他に立ち寄りたい場所はない<br>2）他にも立ち寄りたい<br>［　　］箇所くらい<br>主な場所（　　） |

問3.　あなたは、伊勢市川端地区・御薗地区の宮川河川敷や勢田川地区の勢田川河川敷で、説明資料に示すような取り組みが行われていることをご存じですか。あてはまる番号を１つ、○で囲んで下さい。

1）知っている
2）知らなかった

# (2)調査アンケート票　3/5

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

伊勢市川端地区・御薗地区の宮川河川敷や勢田川地区の勢田川河川敷で行われる、河川空間を安全で利用しやすく、川とふれあえる取り組みは、実際には税金によって行われますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（現在の状況） | 取り組みあり（将来の状況） |
|---|---|
| ・河川空間を安全で利用しやすく、川とふれあえる取り組みは行われず、川への近づきやすさや利用のしやすさは改善されません。<br>・あなたの世帯の負担金はありません。 | ・河川空間を安全で利用しやすく、川とふれあえる取り組みが行われ、川への近づきやすさや利用のしやすい環境が形成されます。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けるものと考えて下さい。） |

問4.　次の(1)から(8)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、望ましいと思う方の番号を１つ、○で囲んで下さい。なお、負担金は、あなたの世帯が今の地域にお住まいの間、負担し続けることになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり毎月 50 円（年間あたり 600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問5】へ

(2)世帯あたり毎月 100 円（年間あたり 1,200 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(3)世帯あたり毎月 200 円（年間あたり 2,400 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ



(4)世帯あたり毎月 300 円（年間あたり 3,600 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(5)世帯あたり毎月 500 円（年間あたり 6,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(6)世帯あたり毎月 1,000 円（年間あたり 12,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(7)世帯あたり毎月 2,000 円（年間あたり 24,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(8)世帯あたり毎月 3,000 円（年間あたり 36,000 円）の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ　　→【問6】へ

問5.　問４の(1)で「反対」とお答えの方にお伺いします。その理由は何ですか。もっともあてはまる番号を１つ、○で囲んで下さい。

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）[　　]

# (2)調査アンケート票　4/5

問6.　問４で１度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、○で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を１つ選んで記載して下さい。

1）散策やジョギングなどの場として利用できるようになるから
2）河川敷でスポーツできるようになるから
3）川や水辺で遊んだり、釣りを楽しめるようになるから
4）河川敷や水際へ安全に下りられるようになるから
5）生物観察などの環境学習の場となるから
6）景観がよくなるから
7）洪水の心配がなくなるから
8）河川の環境が良くなること自体がいいことだから
9）他の人や将来の世代にとっていいことだから
10）他の世帯も支払うのであれば仕方がないと思うから
11）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］番

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

問7.　あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を１つ、○で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を１つ、○で囲んで下さい。

1）20 代　　2）30 代　　3）40 代　　4）50 代
5）60 代　　6）70 代以上

（3）あなたのお住まいの郵便番号をご記入ください。

［　　］－［　　］



（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を１つ、○で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿

問8.　今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問４はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

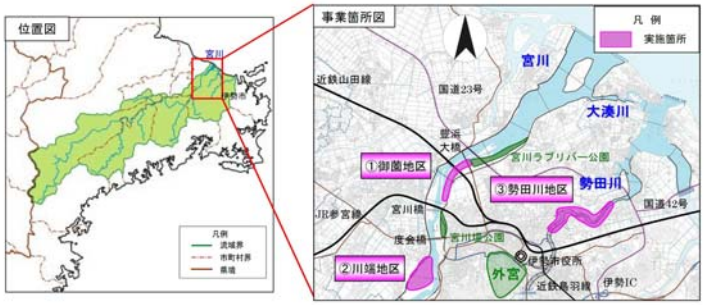
この用紙を返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# (2)調査アンケート票　5/5

宮-01

## 宮川における河川環境整備について　説明資料
～伊勢市の宮川および勢田川河川敷における安全で利用しやすく川とふれあえる取り組み～

●概要
伊勢市御薗地区、川端地区の宮川河川敷および伊勢市勢田川地区の勢田川河川敷において、地域の人びとが河川空間を安全で利用しやすく、川とふれあえるように、河川敷の散策路などの整備を進めています。



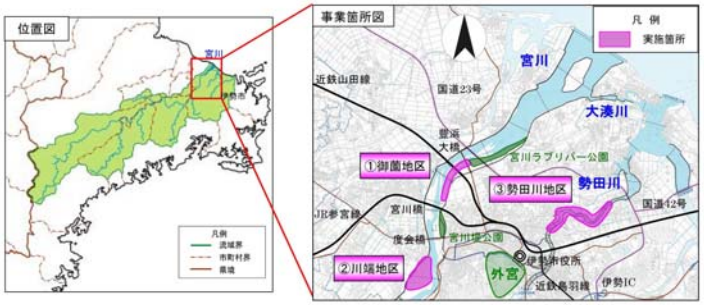

### 「伊勢地区かわまちづくり」について
- 宮川や勢田川には、伊勢神宮と関わる渡し跡や舟運、また古い街並みなど、さまざまな歴史的な資源が点在しています。
- 平成25年の式年遷宮に向けて、伊勢市では歴史ある街並みの散策や、既存の観光スポットを活用し、宮川・勢田川を中心とした一大交流拠点を創出するための取り組みを進めることとなっています。
- 宮川、勢田川においては、広い河川敷の造成や既存施設を活用した散策のできる空間整備といった、基盤の整備を実施します。

### 取り組みのイメージ

#### ①御薗地区
**●散策路の整備**
川に沿って移動しやすいように、繁茂した樹木を伐採して散策路を整備します。これにより、ラブリバー公園から宮川堤公園まで、上下流連続した利用ができるようになります。

※河川環境や繁茂している樹木の状況により変更する場合があります。

取り組み前　取り組み後（イメージ）




### 取り組みのイメージ

#### ②川端地区
**●河川敷の広場の整備**
河川敷に広場などを整備します。これにより、スポーツやレクリエーションの場として利用ができるようになります。

**●水辺に近づきやすい護岸の整備**
水辺に近づける護岸を整備します。これにより、安全に水辺に近づけるようになります。

**●安全に川に近づけるアクセスの整備**
勾配の緩やかな堤防や坂路を整備します。これにより、安全に川に近づけるようになります。

取り組み前　取り組み後

#### ③勢田川地区
**●散策路（フットパス）の整備**
安全で利用しやすい素材を用いて、水辺の散策路（フットパス）を整備します。これにより、安全で快適に水際を散策できるようになりました。

取り組み前　取り組み後

### 取り組みにより期待される効果
- 宮川、勢田川で水際を安全・快適に利用できるようになり、水と親しみやすくなることが期待されます。
- 伊勢神宮などの周辺観光地と連続した利用ができるようになり、さらなる利用の活性化が期待されます。

# ＜宮川総合水系環境整備事業＞
# （昼田地区水辺整備事業：再評価）

宮川総合水系環境整備事業（三重河川国道事務所）

昼田地区水辺整備事業

▽感度分析（様式５）　目次


Case　①　全体事業

Case　②　全体事業（事業費＋10%）

Case　③　全体事業（事業費－10%）

Case　④　全体事業（受益世帯数＋10%）

Case　⑤　全体事業（受益世帯数－10%）

~~Case　⑥　全体事業（残工期＋10%）~~　※残工期が５年未満のため、算出不要

~~Case　⑦　全体事業（残工期－10%）~~　※残工期が５年未満のため、算出不要

Case　⑧　残事業

Case　⑨　残事業（事業費＋10%）

Case　⑩　残事業（事業費－10%）

Case　⑪　残事業（受益世帯数＋10%）

Case　⑫　残事業（受益世帯数－10%）

~~Case　⑬　残事業（残工期＋10%）~~　※残工期が５年未満のため、算出不要

~~Case　⑭　残事業（残工期－10%）~~　※残工期が５年未満のため、算出不要

Case①

【費用便益算定シート・昼田地区水辺整備】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| （ | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| 0 | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ） | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 28.6 | 3.6 | 12.6 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 29 | 3.6 | 1,383 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.7** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 16.2% |

Case②

【費用便益算定シート・昼田地区水辺整備　事業費+10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 135.5 | 135.5 | 130.4 | | | | 135.5 | 135.5 | 130.4 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 135.5 | 135.5 | 125.3 | | | | 135.5 | 135.5 | 125.3 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 138.7 | 138.7 | 123.3 | | | | 138.7 | 138.7 | 123.3 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ( | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| 0 | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ) | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 31.5 | 3.9 | 12.9 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 31 | 3.9 | 1,383 =B | 410 | 410 | 379 | 81 | 80 | 31 | 491 | 490 | 410 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 4.1 |
| **費用便益比** | **B／C** | **3.4** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 14.9% |

Case③

【費用便益算定シート・昼田地区水辺整備　事業費-10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 110.9 | 110.9 | 106.7 | | | | 110.9 | 110.9 | 106.7 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 110.9 | 110.9 | 102.6 | | | | 110.9 | 110.9 | 102.6 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 113.5 | 113.5 | 100.9 | | | | 113.5 | 113.5 | 100.9 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| 評 | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 25.7 | 3.2 | 12.2 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 26 | 3.2 | 1,382 =B | 335 | 335 | 310 | 81 | 80 | 31 | 416 | 415 | 341 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.4 |
| **費用便益比** | **B／C** | **4.1** |
| 純現在価値（億円） | B－C | 11 |
| 経済的内部収益率 | | 17.7% |

Case④

【費用便益算定シート・昼田地区水辺整備　世帯数+10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | （①+②） | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 79.4 | 79.4 | 67.9 | | | 67.9 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 79.4 | 79.4 | 65.3 | | | 65.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 79.4 | 79.4 | 62.7 | | | 62.7 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | 79.4 | 79.4 | 60.3 | | | 60.3 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 79.4 | 79.4 | 58.0 | | | 58.0 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 79.4 | 79.4 | 55.8 | | | 55.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 79.4 | 79.4 | 53.7 | | | 53.7 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 11 | 2023 | 1.000 | 0.650 | 79.4 | 79.4 | 51.6 | | | 51.6 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 79.4 | 79.4 | 49.6 | | | 49.6 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 79.4 | 79.4 | 47.7 | | | 47.7 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 79.4 | 79.4 | 45.8 | | | 45.8 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| | 15 | 2027 | 1.000 | 0.555 | 79.4 | 79.4 | 44.1 | | | 44.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 79.4 | 79.4 | 42.4 | | | 42.4 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 79.4 | 79.4 | 40.7 | | | 40.7 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 79.4 | 79.4 | 39.2 | | | 39.2 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| | 19 | 2031 | 1.000 | 0.475 | 79.4 | 79.4 | 37.7 | | | 37.7 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 79.4 | 79.4 | 36.2 | | | 36.2 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 79.4 | 79.4 | 34.9 | | | 34.9 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 79.4 | 79.4 | 33.5 | | | 33.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | 79.4 | 79.4 | 32.2 | | | 32.2 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 79.4 | 79.4 | 31.0 | | | 31.0 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 79.4 | 79.4 | 29.8 | | | 29.8 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| | 26 | 2038 | 1.000 | 0.361 | 79.4 | 79.4 | 28.7 | | | 28.7 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 79.4 | 79.4 | 27.6 | | | 27.6 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 79.4 | 79.4 | 26.4 | | | 26.4 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 79.4 | 79.4 | 25.5 | | | 25.5 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| | 30 | 2042 | 1.000 | 0.308 | 79.4 | 79.4 | 24.5 | | | 24.5 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 79.4 | 79.4 | 23.5 | | | 23.5 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 79.4 | 79.4 | 22.6 | | | 22.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| | 33 | 2045 | 1.000 | 0.274 | 79.4 | 79.4 | 21.8 | | | 21.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 79.4 | 79.4 | 21.0 | | | 21.0 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 79.4 | 79.4 | 20.1 | | | 20.1 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 79.4 | 79.4 | 19.4 | | | 19.4 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| | 37 | 2049 | 1.000 | 0.234 | 79.4 | 79.4 | 18.6 | | | 18.6 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 79.4 | 79.4 | 17.9 | | | 17.9 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 79.4 | 79.4 | 17.2 | | | 17.2 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 79.4 | 79.4 | 16.5 | | | 16.5 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| | 41 | 2053 | 1.000 | 0.200 | 79.4 | 79.4 | 15.9 | | | 15.9 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 79.4 | 79.4 | 15.3 | | | 15.3 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 79.4 | 79.4 | 14.7 | | | 14.7 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 79.4 | 79.4 | 14.1 | | | 14.1 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| | 45 | 2057 | 1.000 | 0.171 | 79.4 | 79.4 | 13.6 | | | 13.6 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 79.4 | 79.4 | 13.1 | | | 13.1 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | 79.4 | 79.4 | 12.5 | | | 12.5 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 79.4 | 79.4 | 12.1 | | | 12.1 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| | 49 | 2061 | 1.000 | 0.146 | 79.4 | 79.4 | 11.6 | | | 11.6 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 79.4 | 79.4 | 11.2 | | | 11.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 79.4 | 79.4 | 10.7 | | | 10.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 79.4 | 79.4 | 10.3 | | | 10.3 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| | 53 | 2065 | 1.000 | 0.125 | 79.4 | 79.4 | 9.9 | 28.6 | 3.6 | 13.5 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,970 | 3,970 | 1,516 | 29 | 3.6 | 1,520 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 15 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.9** |
| 純現在価値（億円） | B－C | 11 |
| 経済的内部収益率 | | 17.6% |

Case⑤

【費用便益算定シート・昼田地区水辺整備　世帯数-10%（全体事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 65.0 | 65.0 | 55.6 | | | 55.6 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 65.0 | 65.0 | 53.4 | | | 53.4 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 65.0 | 65.0 | 51.4 | | | 51.4 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 65.0 | 65.0 | 49.4 | | | 49.4 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 65.0 | 65.0 | 47.5 | | | 47.5 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 65.0 | 65.0 | 45.7 | | | 45.7 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 65.0 | 65.0 | 43.9 | | | 43.9 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 65.0 | 65.0 | 42.3 | | | 42.3 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 65.0 | 65.0 | 40.6 | | | 40.6 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 65.0 | 65.0 | 39.1 | | | 39.1 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 65.0 | 65.0 | 37.5 | | | 37.5 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 65.0 | 65.0 | 36.1 | | | 36.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 65.0 | 65.0 | 34.7 | | | 34.7 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 65.0 | 65.0 | 33.3 | | | 33.3 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 65.0 | 65.0 | 32.1 | | | 32.1 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 65.0 | 65.0 | 30.9 | | | 30.9 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 65.0 | 65.0 | 29.6 | | | 29.6 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 65.0 | 65.0 | 28.5 | | | 28.5 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 65.0 | 65.0 | 27.4 | | | 27.4 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 65.0 | 65.0 | 26.4 | | | 26.4 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 65.0 | 65.0 | 25.4 | | | 25.4 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 65.0 | 65.0 | 24.4 | | | 24.4 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 65.0 | 65.0 | 23.5 | | | 23.5 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 65.0 | 65.0 | 22.6 | | | 22.6 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 65.0 | 65.0 | 21.6 | | | 21.6 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 65.0 | 65.0 | 20.9 | | | 20.9 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 65.0 | 65.0 | 20.0 | | | 20.0 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 65.0 | 65.0 | 19.2 | | | 19.2 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 65.0 | 65.0 | 18.5 | | | 18.5 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 65.0 | 65.0 | 17.8 | | | 17.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 65.0 | 65.0 | 17.2 | | | 17.2 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 65.0 | 65.0 | 16.4 | | | 16.4 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 65.0 | 65.0 | 15.9 | | | 15.9 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 65.0 | 65.0 | 15.2 | | | 15.2 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 65.0 | 65.0 | 14.6 | | | 14.6 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 65.0 | 65.0 | 14.1 | | | 14.1 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 65.0 | 65.0 | 13.5 | | | 13.5 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 65.0 | 65.0 | 13.0 | | | 13.0 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 65.0 | 65.0 | 12.5 | | | 12.5 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 65.0 | 65.0 | 12.0 | | | 12.0 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| 5 | 44 | 2056 | 1.000 | 0.178 | 65.0 | 65.0 | 11.6 | | | 11.6 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| | 45 | 2057 | 1.000 | 0.171 | 65.0 | 65.0 | 11.1 | | | 11.1 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 65.0 | 65.0 | 10.7 | | | 10.7 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | 65.0 | 65.0 | 10.3 | | | 10.3 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 65.0 | 65.0 | 9.9 | | | 9.9 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 65.0 | 65.0 | 9.5 | | | 9.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 65.0 | 65.0 | 9.2 | | | 9.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 65.0 | 65.0 | 8.8 | | | 8.8 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 65.0 | 65.0 | 8.5 | | | 8.5 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | 65.0 | 65.0 | 8.1 | 28.6 | 3.6 | 11.7 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,250 | 3,250 | 1,241 | 29 | 3.6 | 1,245 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 12 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.2** |
| 純現在価値（億円） | B－C | 8 |
| 経済的内部収益率 | | 14.7% |

Case⑧

【費用便益算定シート・昼田地区水辺整備　残事業】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012 (H24) |
| 共用年度 | 2016 (H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施設完成後の評価期間（50年） | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 28.6 | 3.6 | 12.6 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 29 | 3.6 | 1,383 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.7** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 16.2% |

Case⑨

【費用便益算定シート・昼田地区水辺整備　事業費+10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期整間備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 135.5 | 135.5 | 130.4 | | | | 135.5 | 135.5 | 130.4 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 135.5 | 135.5 | 125.3 | | | | 135.5 | 135.5 | 125.3 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 138.7 | 138.7 | 123.3 | | | | 138.7 | 138.7 | 123.3 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| （ | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| 0 | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ） | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 31.5 | 3.9 | 12.9 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 31 | 3.9 | 1,383 =B | 410 | 410 | 379 | 81 | 80 | 31 | 491 | 490 | 410 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 4.1 |
| **費用便益比** | **B／C** | **3.4** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 14.9% |

Case⑩

【費用便益算定シート・昼田地区水辺整備　事業費-10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 110.9 | 110.9 | 106.7 | | | | 110.9 | 110.9 | 106.7 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 110.9 | 110.9 | 102.6 | | | | 110.9 | 110.9 | 102.6 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 113.5 | 113.5 | 100.9 | | | | 113.5 | 113.5 | 100.9 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| 0 | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 25.7 | 3.2 | 12.2 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 26 | 3.2 | 1,382 =B | 335 | 335 | 310 | 81 | 80 | 31 | 416 | 415 | 341 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.4 |
| **費用便益比** | **B／C** | **4.1** |
| 純現在価値（億円） | B－C | 11 |
| 経済的内部収益率 | | 17.7% |

Case⑪

【費用便益算定シート・昼田地区水辺整備　世帯数+10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期整間備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 79.4 | 79.4 | 67.9 | | | 67.9 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 79.4 | 79.4 | 65.3 | | | 65.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 79.4 | 79.4 | 62.7 | | | 62.7 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 79.4 | 79.4 | 60.3 | | | 60.3 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 79.4 | 79.4 | 58.0 | | | 58.0 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 79.4 | 79.4 | 55.8 | | | 55.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 79.4 | 79.4 | 53.7 | | | 53.7 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 79.4 | 79.4 | 51.6 | | | 51.6 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 79.4 | 79.4 | 49.6 | | | 49.6 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 79.4 | 79.4 | 47.7 | | | 47.7 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 79.4 | 79.4 | 45.8 | | | 45.8 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 79.4 | 79.4 | 44.1 | | | 44.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 79.4 | 79.4 | 42.4 | | | 42.4 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 79.4 | 79.4 | 40.7 | | | 40.7 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 79.4 | 79.4 | 39.2 | | | 39.2 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 79.4 | 79.4 | 37.7 | | | 37.7 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 79.4 | 79.4 | 36.2 | | | 36.2 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 79.4 | 79.4 | 34.9 | | | 34.9 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 79.4 | 79.4 | 33.5 | | | 33.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 79.4 | 79.4 | 32.2 | | | 32.2 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 79.4 | 79.4 | 31.0 | | | 31.0 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 79.4 | 79.4 | 29.8 | | | 29.8 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 79.4 | 79.4 | 28.7 | | | 28.7 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 79.4 | 79.4 | 27.6 | | | 27.6 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 79.4 | 79.4 | 26.4 | | | 26.4 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 79.4 | 79.4 | 25.5 | | | 25.5 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 79.4 | 79.4 | 24.5 | | | 24.5 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 79.4 | 79.4 | 23.5 | | | 23.5 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 79.4 | 79.4 | 22.6 | | | 22.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 79.4 | 79.4 | 21.8 | | | 21.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 79.4 | 79.4 | 21.0 | | | 21.0 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 79.4 | 79.4 | 20.1 | | | 20.1 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 79.4 | 79.4 | 19.4 | | | 19.4 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 79.4 | 79.4 | 18.6 | | | 18.6 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 79.4 | 79.4 | 17.9 | | | 17.9 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 79.4 | 79.4 | 17.2 | | | 17.2 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 79.4 | 79.4 | 16.5 | | | 16.5 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 79.4 | 79.4 | 15.9 | | | 15.9 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 79.4 | 79.4 | 15.3 | | | 15.3 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 79.4 | 79.4 | 14.7 | | | 14.7 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 79.4 | 79.4 | 14.1 | | | 14.1 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 79.4 | 79.4 | 13.6 | | | 13.6 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 79.4 | 79.4 | 13.1 | | | 13.1 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| 0 | 47 | 2059 | 1.000 | 0.158 | 79.4 | 79.4 | 12.5 | | | 12.5 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 79.4 | 79.4 | 12.1 | | | 12.1 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| 年 | 49 | 2061 | 1.000 | 0.146 | 79.4 | 79.4 | 11.6 | | | 11.6 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 50 | 2062 | 1.000 | 0.141 | 79.4 | 79.4 | 11.2 | | | 11.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 79.4 | 79.4 | 10.7 | | | 10.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 79.4 | 79.4 | 10.3 | | | 10.3 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | 79.4 | 79.4 | 9.9 | 28.6 | 3.6 | 13.5 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 3,970 | 3,970 | 1,516 | 29 | 3.6 | 1,520 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 15 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.9** |
| 純現在価値（億円） | B－C | 11 |
| 経済的内部収益率 | | 17.6% |

Case⑫

【費用便益算定シート・昼田地区水辺整備　世帯数-10%（残事業）】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①+②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期整間備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 65.0 | 65.0 | 55.6 | | | 55.6 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 65.0 | 65.0 | 53.4 | | | 53.4 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 65.0 | 65.0 | 51.4 | | | 51.4 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 65.0 | 65.0 | 49.4 | | | 49.4 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 65.0 | 65.0 | 47.5 | | | 47.5 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 65.0 | 65.0 | 45.7 | | | 45.7 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 65.0 | 65.0 | 43.9 | | | 43.9 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 65.0 | 65.0 | 42.3 | | | 42.3 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 65.0 | 65.0 | 40.6 | | | 40.6 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 65.0 | 65.0 | 39.1 | | | 39.1 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| | 14 | 2026 | 1.000 | 0.577 | 65.0 | 65.0 | 37.5 | | | 37.5 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| 成 | 15 | 2027 | 1.000 | 0.555 | 65.0 | 65.0 | 36.1 | | | 36.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 65.0 | 65.0 | 34.7 | | | 34.7 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 65.0 | 65.0 | 33.3 | | | 33.3 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| | 18 | 2030 | 1.000 | 0.494 | 65.0 | 65.0 | 32.1 | | | 32.1 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| 後 | 19 | 2031 | 1.000 | 0.475 | 65.0 | 65.0 | 30.9 | | | 30.9 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 65.0 | 65.0 | 29.6 | | | 29.6 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 65.0 | 65.0 | 28.5 | | | 28.5 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 65.0 | 65.0 | 27.4 | | | 27.4 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 65.0 | 65.0 | 26.4 | | | 26.4 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 65.0 | 65.0 | 25.4 | | | 25.4 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 65.0 | 65.0 | 24.4 | | | 24.4 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 65.0 | 65.0 | 23.5 | | | 23.5 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 65.0 | 65.0 | 22.6 | | | 22.6 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 65.0 | 65.0 | 21.6 | | | 21.6 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| | 29 | 2041 | 1.000 | 0.321 | 65.0 | 65.0 | 20.9 | | | 20.9 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| 価 | 30 | 2042 | 1.000 | 0.308 | 65.0 | 65.0 | 20.0 | | | 20.0 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 65.0 | 65.0 | 19.2 | | | 19.2 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 65.0 | 65.0 | 18.5 | | | 18.5 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 65.0 | 65.0 | 17.8 | | | 17.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 65.0 | 65.0 | 17.2 | | | 17.2 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 65.0 | 65.0 | 16.4 | | | 16.4 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 65.0 | 65.0 | 15.9 | | | 15.9 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 65.0 | 65.0 | 15.2 | | | 15.2 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 65.0 | 65.0 | 14.6 | | | 14.6 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 65.0 | 65.0 | 14.1 | | | 14.1 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 65.0 | 65.0 | 13.5 | | | 13.5 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ～ | 41 | 2053 | 1.000 | 0.200 | 65.0 | 65.0 | 13.0 | | | 13.0 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 65.0 | 65.0 | 12.5 | | | 12.5 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 65.0 | 65.0 | 12.0 | | | 12.0 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 65.0 | 65.0 | 11.6 | | | 11.6 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 65.0 | 65.0 | 11.1 | | | 11.1 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 65.0 | 65.0 | 10.7 | | | 10.7 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| 0 | 47 | 2059 | 1.000 | 0.158 | 65.0 | 65.0 | 10.3 | | | 10.3 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 65.0 | 65.0 | 9.9 | | | 9.9 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| | 49 | 2061 | 1.000 | 0.146 | 65.0 | 65.0 | 9.5 | | | 9.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| 年 | 50 | 2062 | 1.000 | 0.141 | 65.0 | 65.0 | 9.2 | | | 9.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 65.0 | 65.0 | 8.8 | | | 8.8 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 65.0 | 65.0 | 8.5 | | | 8.5 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ～ | 53 | 2065 | 1.000 | 0.125 | 65.0 | 65.0 | 8.1 | 28.6 | 3.6 | 11.7 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 合計 | | | | | 3,250 | 3,250 | 1,241 | 29 | 3.6 | 1,245 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 12 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.2** |
| 純現在価値（億円） | B－C | 8 |
| 経済的内部収益率 | | 14.7% |

# 事業費の内訳書

河川事業

| 事業名 | 昼田地区水辺整備(全体事業) |
|---|---|

| 評価年度 | H24 | 再評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 286.0 | |
| | 本工事費 | | 式 | 1 | 286.0 | |
| | | 高水敷整正 | $m^2$ | 85,400 | 30.0 | |
| | | 親水護岸 | m | 800 | 205.2 | |
| | | 管理用通路 | $m^2$ | 5,400 | 50.8 | |
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| | 付帯工事費 | | | | | |
| | | | | | | |
| | 用地費及補償費 | | | | | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 27.2 | |
| 工事諸費 | | | 式 | 1 | 56.2 | |
| 自治体費用 | | | 式 | | 3.0 | |
| 事業費　計 | | | 式 | 1 | 372.4 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 0.31 | 巡視、除草 |

# 事業費の内訳書

河川事業

| 事業名 | 昼田地区水辺整備(残事業) |
|---|---|

| 評価年度 | H24 | 再評価 |
|---|---|---|

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 286.0 | |
| | 本工事費 | | 式 | 1 | 286.0 | |
| | | 高水敷整正 | $m^2$ | 85,400 | 30.0 | |
| | | 親水護岸 | m | 800 | 205.2 | |
| | | 管理用通路 | $m^2$ | 5,400 | 50.8 | |
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| | 付帯工事費 | | | | | |
| | | | | | | |
| | 用地費及補償費 | | | | | |
| | | | | | | |
| 間接経費 | | | 式 | 1 | 27.2 | |
| 工事諸費 | | | 式 | 1 | 56.2 | |
| 自治体費用 | | | 式 | | 3.0 | |
| 事業費　計 | | | 式 | 1 | 372.4 | |
| | | | | | | |
| 維持管理費 | | | 式 | 1 | 0.31 | 巡視、除草 |

# 1.便益を計測する一般手法

環境整備の便益計測手法としては、旅行費用法（TCM）、ヘドニック法、便益移転法・原単位法、代替法、仮想市場評価法（CVM）がある。
本事業の便益を計測する手法としてはCVM、TCMが想定される。

| 手法 | 内容 | 各手法の一般的な特徴 | | 評価 | |
|---|---|---|---|---|---|
| | | 長所 | 短所 | 評価対象事業を踏まえた適用可能性 | 妥当性 |
| 旅行費用法（TCM） | 施設を訪れる人が支出する交通費や費やす時間をもとに便益を計測する方法 | ・客観的なデータ（来訪者数、旅行費用など）を用いて分析を行うため、分析方法や結果の妥当性を確認しやすい。<br>・レクリエーション行動に基づく分析手法であるため、観光地などのレクリエーションに関する価値の分析に適する。 | ・利用実態に関するデータ（事業がある場合とない場合の出発地別の来訪者数等）の入手が困難な場合がある。<br>・レクリエーション行動に結びつかない価値（歴史的・文化的に貴重な施設の存在価値など）の計測は困難。<br>・複数の目的地を有する旅行者や長期滞在者の扱い、代替施設の設定などの分析が課題。 | 利用推進であり、利用価値を主とするが、周遊性を有するため適用には課題がある。 | △ |
| ヘドニック法 | 事業のもたらす便益が地価に帰着すると仮定し、事業実施による地価の変化分で便益を計測する方法 | ・地価等に関する統計データから便益を算出するため、分析方法や結果の妥当性を確認しやすい。 | ・地価に影響を及ぼさない事業（価値）は評価できない。<br>・地方都市などでは、ヘドニック関数の推定に必要な数の地価や、地価を説明するためのデータの収集が困難な場合がある。<br>・歴史的・文化的に貴重な施設の存在価値や、広範囲に波及する地球環境の保全などの効果の計測は困難。 | 河川敷地の整備が周辺の地価に影響する可能性は低いことから、適用しない。 | × |
| 便益移転法・原単位法 | 既存の便益計測事例等から便益原単位を設定し、便益を計測する方法 | ・他事例に関する分析結果を用いるため、比較的簡易に分析が可能。 | ・既存の類似する便益計測事例や適用可能な原単位が必要。<br>・他事例に関する分析結果を用いるため、評価対象事業固有の特徴の反映が困難。 | 当該地域における河川環境の改善効果を踏まえた便益の算出が必要であり、既存事例の適用は事業特性が反映できないため、適用しない。 | × |
| 代替法 | 評価対象とする事業と同様の便益をもたらす他の市場財の価格をもとに便益を計測する方法 | ・計算方法が理解しやすく、比較的簡易に分析が可能。 | ・適切な代替市場財が設定できない場合は適用できない。 | 同等の機能を持つ代替財を設定することができない。 | × |
| 仮想的市場評価法（CVM） | アンケート調査により事業の効果に対する回答者の支払意思額を尋ね、これをもとに便益を計測する方法 | ・適用範囲が広く、歴史的・文化的に貴重な施設の存在価値をはじめとして、原則的にあらゆる効果を対象にできる。 | ・アンケートにおいて価格を直接的に質問するため、適切な手順・アンケート内容としないとバイアスが発生し、推計精度が低下する。<br>・仮想的な状況に対する回答であるため、結果の妥当性の確認が難しい。<br>・回答者の予算に制約があることを認識してもらう必要がある。<br>・負の支払意思額を計測することができない。 | 本事業の主効果である利用しやすい河川空間の整備は、利用価値を主とする。また、周遊性が事業特性の1つとなっていることから、様々な事例に適用可能で適用事例も多い手法であることから、便益算出に適用する。 | ○ |
| コンジョイント分析 | いくつかのプロファイルの組み合わせから最も良いと思われるものを選んでもらい、その選択結果をもとに統計的に分析することで定量的評価を行う方法 | ・適用範囲が広く、原則的にはあらゆる効果を対象にできる。<br>・複数の項目について評価が可能。<br>・マイナスの評価も可能。 | ・適切な手順を踏まないとバイアスが発生し、推計精度が低下する恐れがある。 | 比較できる複数の仮想状況（プロファイル）を作成することが困難であることから、適用しない。 | × |
| （便益を計測しない） | 便益を計測することが困難な場合に、効果を定量的・定性的に示す方法 | ・便益として計測することが困難な効果や、必ずしも効率性の観点で評価するべきではないものについて、費用便益比以外の多様な視点で評価する。 | ・社会的な投資効率性の観点から費用と便益を定量的に比較できない。 | 本事業の効果である利用しやすい河川空間の整備の効果は事業の費用便益比の算出に不可欠な効果であり、便益として計測することが重要である。 | × |

# 2.CVM調査チェックリスト

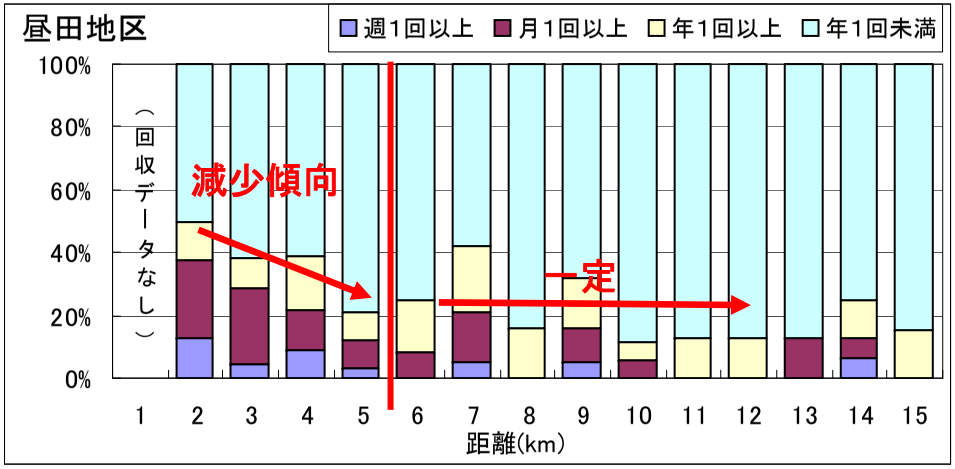
| 手　順 | 内　容 | 最低限確認すべき事項<br>（チェックポイント） | check | 備　　考 |
|---|---|---|---|---|
| ①ＣＶＭ適用可否の検討 | ＣＶＭ適用可否の検討 | 複数の便益計測手法を比較検討した上で、ＣＶＭの適用が妥当だと判断したか。 | ○ | ・非市場財の主な便益計測手法である、旅行利用法、ヘドニック法、便益移転法・原単位法、代替法、仮想的市場評価法について、適用の可否を比較検討。<br>・対象事業の種類が、利用価値であるが、周遊性を有することから、CVMの適用が妥当であると判断（前ページ参照）。 |
| ②調査方法の設定 | 調査範囲の設定 | 既存の調査事例やプレテストの結果等をもとに便益の集計範囲を予想した上で、その範囲を含むように調査範囲を設定したか。 | ○ | ・事業箇所への来訪頻度を踏まえ、事業箇所から5kmの範囲を対象範囲として設定した。 |
| | 調査方法の設定 | 複数の調査方法を比較検討した上で、母集団に対する偏りが少ない調査方法を設定したか。 | ○ | ・郵送調査法、面接(訪問)調査法、インターネット調査法で比較。<br>・各手法の長所、短所及び対象河川の周辺地域の特性を踏まえ、ＷＥＢ調査と郵送調査の併用により調査を実施した。 |
| ③調査票の作成 | 金額を尋ねる方法の設定 | 受入補償額ではなく支払意思額を尋ねたか。 | ○ | ・支払形態については、「支払意思額」を尋ねた。 |
| | 支払手段の設定 | 複数の支払手段を比較検討した上で、回答者にとって分かりやすくバイアスの少ない支払手段を設定したか。 | ○ | ・「税金」や「寄付金」と比べて先入観が小さく、抵抗感の少ない「負担金」により支払う方法を問う設問とした。 |
| | 回答方式の設定 | 回答方式として二項選択方式を用いたか。 | ○ | ・支払いの意志の有無を「はい」、「いいえ」の２つの選択肢から回答してもらう二項選択を、金額を変えて３回以上問う「多段階二項選択方式」とした。 |
| | 仮想的状況の設定 | 事業を実施する場合としない場合（あるいは継続する場合と中止する場合）の両方の状況を示したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、整備されない状況、整備された状況がわかりやすくなるよう工夫した。 |
| | | 事業の効果を過大に見せたり、悪化することが考えられる要因を過小に見せたりせずに仮想的状況を設定したか。 | ○ | ・アンケート用紙の他に事業の目的や概要について説明資料を添付。整備前後の両方の状況をイメージ図や写真で示し、事業効果が過大過小とならないよう工夫した。 |
| ④プレテストの実施 | プレテストの実施または既存事例の確認 | プレテストまたは既存事例の確認を行い、本調査実施前に調査票の分かりやすさ、支払意思額の回答の幅を確認したか。 | ○ | ・本調査実施前に、既存の事例の確認を行い、帳票のわかりやすさや支払い意志額の幅について分析した。<br>・支払意思額の幅は、既往事例結果を踏まえ設定した。 |
| ⑤本調査の実施 | 標本数の確保 | 分析に必要な標本数を確保したか。 | ○ | ・「河川に係る環境整備の経済評価の手引き【別冊】」（平成22年3月河川局河川環境課）に示されたWTP算出に必要とされる最低でも50票、できれば300票程度の回収数を上回る399票を確保した。 |
| ⑥便益の推計 | 支払意思額の設定 | 異常回答の排除を行い、過大にならないように支払意思額を推定したか。特に支払意思額の代表値として平均値を用いる場合は、最大支払提示額で裾切りを行ったか。 | ○ | ・抵抗回答や理解不足の回答は除外して平均WTPを算出した。<br>・平均WTPの算出にあたっては、モデルにより賛同率曲線を推定するパラメトリック法を使用し、最大支払提示額で裾切りを行った。 |
| | 集計範囲の設定 | 集計範囲の設定根拠を明らかにし、過大にならないように配慮して便益を推計したか。 | ○ | ・本アンケート調査結果から、居住地と利用頻度の関係を整理、利用者が比較的多い範囲として、集計範囲の妥当性を検証した。 |

# 3.集計範囲の決定

■河川への関心が高い河川利用者だけではなく、一般の市民を対象としており、地域の意見として代表することができるインターネットアンケート（プレテスト）を実施。

■当該地区への来訪頻度の変化点である5kmを集計範囲に設定

■『地域の住民』の便益集計世帯は33,988世帯




来訪頻度の距離別構成

CVMアンケートの対象区域

# 4.支払意思額:WTP

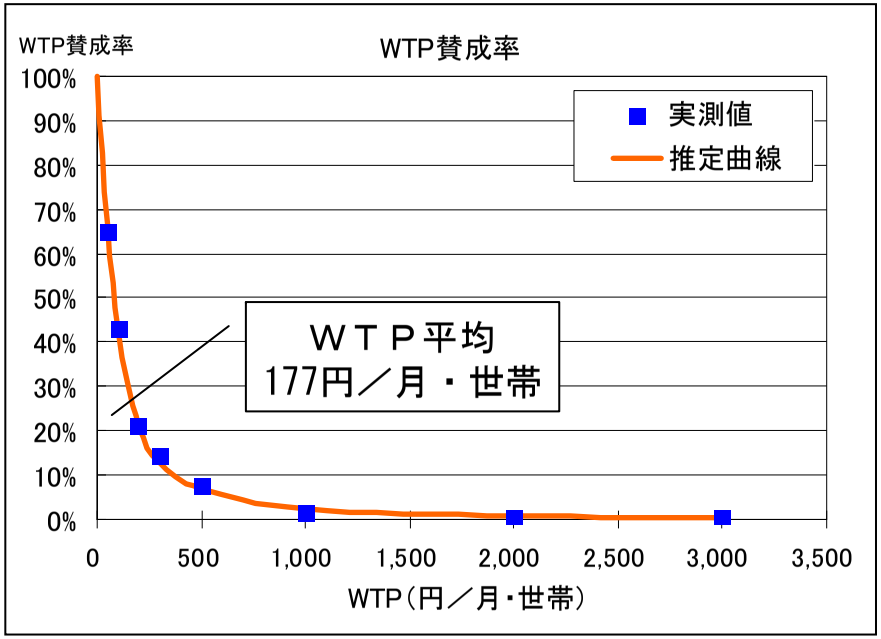
『地域の住民』のＷＴＰ

177円／月／世帯

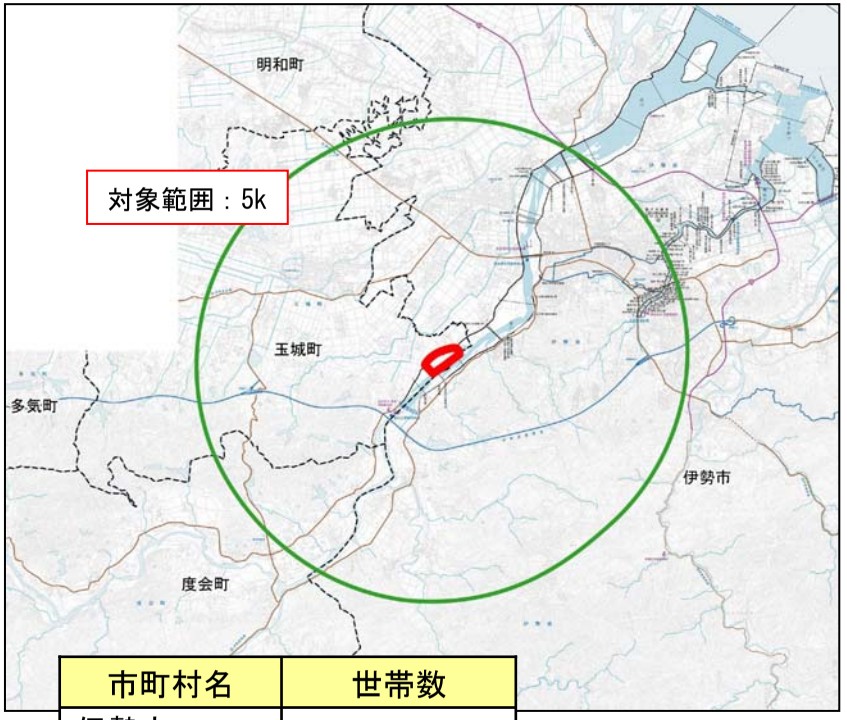
『地域の住民』の年便益

年便益＝177円×１２ヶ月×33,988世帯
＝0.72億円／年

WTP算定結果




世帯数の集計範囲




| 市町村名 | 世帯数 |
|---|---|
| 伊勢市<br>玉城町<br>度会町 | 33,988世帯 |

# 5.細部資料

## (1)費用便益算定シート

【費用便益算定シート・昼田地区水辺整備】

（様式－５）

| | |
|---|---|
| 基準（評価）年度 | 2012(H24) |
| 共用年度 | 2016(H28) |
| 社会的割引率 | 4% |

（単位：百万円）

| 年度 | | | デフレータ | 割引率 | 便益：B | | | | | | 費用：C | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 便益① | | | 残存価値② | | 計 | 建設費③ | | | 維持管理費④ | | | 計③＋④ | | |
| | t | 西暦 | | | 便益 | 実質価格 | 現在価値 | 実質価格 | 現在価値 | (①＋②) | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 | 費用 | 実質価格 | 現在価値 |
| | -1 | 2011 | 1.000 | 1.040 | | | | | | | | | | | | | | | |
| | 0 | 2012 | 1.000 | 1.000 | | | | | | | | | | | | | | | |
| 期間整備 | 1 | 2013 | 1.000 | 0.962 | | | | | | | 123.2 | 123.2 | 118.5 | | | | 123.2 | 123.2 | 118.5 |
| | 2 | 2014 | 1.000 | 0.925 | | | | | | | 123.2 | 123.2 | 114.0 | | | | 123.2 | 123.2 | 114.0 |
| | 3 | 2015 | 1.000 | 0.889 | | | | | | | 126.0 | 126.0 | 112.0 | | | | 126.0 | 126.0 | 112.0 |
| 施 | 4 | 2016 | 1.000 | 0.855 | 72.2 | 72.2 | 61.7 | | | 61.7 | | | | 1.6 | 1.6 | 1.4 | 1.6 | 1.6 | 1.4 |
| | 5 | 2017 | 1.000 | 0.822 | 72.2 | 72.2 | 59.3 | | | 59.3 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| | 6 | 2018 | 1.000 | 0.790 | 72.2 | 72.2 | 57.0 | | | 57.0 | | | | 1.6 | 1.6 | 1.3 | 1.6 | 1.6 | 1.3 |
| 設 | 7 | 2019 | 1.000 | 0.760 | 72.2 | 72.2 | 54.9 | | | 54.9 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 8 | 2020 | 1.000 | 0.731 | 72.2 | 72.2 | 52.8 | | | 52.8 | | | | 1.6 | 1.6 | 1.2 | 1.6 | 1.6 | 1.2 |
| | 9 | 2021 | 1.000 | 0.703 | 72.2 | 72.2 | 50.8 | | | 50.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| | 10 | 2022 | 1.000 | 0.676 | 72.2 | 72.2 | 48.8 | | | 48.8 | | | | 1.6 | 1.6 | 1.1 | 1.6 | 1.6 | 1.1 |
| 完 | 11 | 2023 | 1.000 | 0.650 | 72.2 | 72.2 | 46.9 | | | 46.9 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 12 | 2024 | 1.000 | 0.625 | 72.2 | 72.2 | 45.1 | | | 45.1 | | | | 1.6 | 1.6 | 1.0 | 1.6 | 1.6 | 1.0 |
| | 13 | 2025 | 1.000 | 0.601 | 72.2 | 72.2 | 43.4 | | | 43.4 | | | | 1.6 | 1.6 | 0.96 | 1.6 | 1.6 | 0.96 |
| 成 | 14 | 2026 | 1.000 | 0.577 | 72.2 | 72.2 | 41.7 | | | 41.7 | | | | 1.6 | 1.6 | 0.92 | 1.6 | 1.6 | 0.92 |
| | 15 | 2027 | 1.000 | 0.555 | 72.2 | 72.2 | 40.1 | | | 40.1 | | | | 1.6 | 1.6 | 0.89 | 1.6 | 1.6 | 0.89 |
| | 16 | 2028 | 1.000 | 0.534 | 72.2 | 72.2 | 38.6 | | | 38.6 | | | | 1.6 | 1.6 | 0.85 | 1.6 | 1.6 | 0.85 |
| | 17 | 2029 | 1.000 | 0.513 | 72.2 | 72.2 | 37.0 | | | 37.0 | | | | 1.6 | 1.6 | 0.82 | 1.6 | 1.6 | 0.82 |
| 後 | 18 | 2030 | 1.000 | 0.494 | 72.2 | 72.2 | 35.7 | | | 35.7 | | | | 1.6 | 1.6 | 0.79 | 1.6 | 1.6 | 0.79 |
| | 19 | 2031 | 1.000 | 0.475 | 72.2 | 72.2 | 34.3 | | | 34.3 | | | | 1.6 | 1.6 | 0.76 | 1.6 | 1.6 | 0.76 |
| | 20 | 2032 | 1.000 | 0.456 | 72.2 | 72.2 | 32.9 | | | 32.9 | | | | 1.6 | 1.6 | 0.73 | 1.6 | 1.6 | 0.73 |
| | 21 | 2033 | 1.000 | 0.439 | 72.2 | 72.2 | 31.7 | | | 31.7 | | | | 1.6 | 1.6 | 0.70 | 1.6 | 1.6 | 0.70 |
| | 22 | 2034 | 1.000 | 0.422 | 72.2 | 72.2 | 30.5 | | | 30.5 | | | | 1.6 | 1.6 | 0.68 | 1.6 | 1.6 | 0.68 |
| の | 23 | 2035 | 1.000 | 0.406 | 72.2 | 72.2 | 29.3 | | | 29.3 | | | | 1.6 | 1.6 | 0.65 | 1.6 | 1.6 | 0.65 |
| | 24 | 2036 | 1.000 | 0.390 | 72.2 | 72.2 | 28.2 | | | 28.2 | | | | 1.6 | 1.6 | 0.62 | 1.6 | 1.6 | 0.62 |
| | 25 | 2037 | 1.000 | 0.375 | 72.2 | 72.2 | 27.1 | | | 27.1 | | | | 1.6 | 1.6 | 0.60 | 1.6 | 1.6 | 0.60 |
| 評 | 26 | 2038 | 1.000 | 0.361 | 72.2 | 72.2 | 26.1 | | | 26.1 | | | | 1.6 | 1.6 | 0.58 | 1.6 | 1.6 | 0.58 |
| | 27 | 2039 | 1.000 | 0.347 | 72.2 | 72.2 | 25.1 | | | 25.1 | | | | 1.6 | 1.6 | 0.56 | 1.6 | 1.6 | 0.56 |
| | 28 | 2040 | 1.000 | 0.333 | 72.2 | 72.2 | 24.0 | | | 24.0 | | | | 1.6 | 1.6 | 0.53 | 1.6 | 1.6 | 0.53 |
| 価 | 29 | 2041 | 1.000 | 0.321 | 72.2 | 72.2 | 23.2 | | | 23.2 | | | | 1.6 | 1.6 | 0.51 | 1.6 | 1.6 | 0.51 |
| | 30 | 2042 | 1.000 | 0.308 | 72.2 | 72.2 | 22.2 | | | 22.2 | | | | 1.6 | 1.6 | 0.49 | 1.6 | 1.6 | 0.49 |
| | 31 | 2043 | 1.000 | 0.296 | 72.2 | 72.2 | 21.4 | | | 21.4 | | | | 1.6 | 1.6 | 0.47 | 1.6 | 1.6 | 0.47 |
| | 32 | 2044 | 1.000 | 0.285 | 72.2 | 72.2 | 20.6 | | | 20.6 | | | | 1.6 | 1.6 | 0.46 | 1.6 | 1.6 | 0.46 |
| 期 | 33 | 2045 | 1.000 | 0.274 | 72.2 | 72.2 | 19.8 | | | 19.8 | | | | 1.6 | 1.6 | 0.44 | 1.6 | 1.6 | 0.44 |
| | 34 | 2046 | 1.000 | 0.264 | 72.2 | 72.2 | 19.1 | | | 19.1 | | | | 1.6 | 1.6 | 0.42 | 1.6 | 1.6 | 0.42 |
| | 35 | 2047 | 1.000 | 0.253 | 72.2 | 72.2 | 18.3 | | | 18.3 | | | | 1.6 | 1.6 | 0.40 | 1.6 | 1.6 | 0.40 |
| | 36 | 2048 | 1.000 | 0.244 | 72.2 | 72.2 | 17.6 | | | 17.6 | | | | 1.6 | 1.6 | 0.39 | 1.6 | 1.6 | 0.39 |
| 間 | 37 | 2049 | 1.000 | 0.234 | 72.2 | 72.2 | 16.9 | | | 16.9 | | | | 1.6 | 1.6 | 0.37 | 1.6 | 1.6 | 0.37 |
| | 38 | 2050 | 1.000 | 0.225 | 72.2 | 72.2 | 16.2 | | | 16.2 | | | | 1.6 | 1.6 | 0.36 | 1.6 | 1.6 | 0.36 |
| | 39 | 2051 | 1.000 | 0.217 | 72.2 | 72.2 | 15.7 | | | 15.7 | | | | 1.6 | 1.6 | 0.35 | 1.6 | 1.6 | 0.35 |
| | 40 | 2052 | 1.000 | 0.208 | 72.2 | 72.2 | 15.0 | | | 15.0 | | | | 1.6 | 1.6 | 0.33 | 1.6 | 1.6 | 0.33 |
| ( | 41 | 2053 | 1.000 | 0.200 | 72.2 | 72.2 | 14.4 | | | 14.4 | | | | 1.6 | 1.6 | 0.32 | 1.6 | 1.6 | 0.32 |
| | 42 | 2054 | 1.000 | 0.193 | 72.2 | 72.2 | 13.9 | | | 13.9 | | | | 1.6 | 1.6 | 0.31 | 1.6 | 1.6 | 0.31 |
| | 43 | 2055 | 1.000 | 0.185 | 72.2 | 72.2 | 13.4 | | | 13.4 | | | | 1.6 | 1.6 | 0.30 | 1.6 | 1.6 | 0.30 |
| | 44 | 2056 | 1.000 | 0.178 | 72.2 | 72.2 | 12.9 | | | 12.9 | | | | 1.6 | 1.6 | 0.28 | 1.6 | 1.6 | 0.28 |
| 5 | 45 | 2057 | 1.000 | 0.171 | 72.2 | 72.2 | 12.3 | | | 12.3 | | | | 1.6 | 1.6 | 0.27 | 1.6 | 1.6 | 0.27 |
| | 46 | 2058 | 1.000 | 0.165 | 72.2 | 72.2 | 11.9 | | | 11.9 | | | | 1.6 | 1.6 | 0.26 | 1.6 | 1.6 | 0.26 |
| 0 | 47 | 2059 | 1.000 | 0.158 | 72.2 | 72.2 | 11.4 | | | 11.4 | | | | 1.6 | 1.6 | 0.25 | 1.6 | 1.6 | 0.25 |
| | 48 | 2060 | 1.000 | 0.152 | 72.2 | 72.2 | 11.0 | | | 11.0 | | | | 1.6 | 1.6 | 0.24 | 1.6 | 1.6 | 0.24 |
| | 49 | 2061 | 1.000 | 0.146 | 72.2 | 72.2 | 10.5 | | | 10.5 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| 年 | 50 | 2062 | 1.000 | 0.141 | 72.2 | 72.2 | 10.2 | | | 10.2 | | | | 1.6 | 1.6 | 0.23 | 1.6 | 1.6 | 0.23 |
| | 51 | 2063 | 1.000 | 0.135 | 72.2 | 72.2 | 9.7 | | | 9.7 | | | | 1.6 | 1.6 | 0.22 | 1.6 | 1.6 | 0.22 |
| | 52 | 2064 | 1.000 | 0.130 | 72.2 | 72.2 | 9.4 | | | 9.4 | | | | 1.6 | 1.6 | 0.21 | 1.6 | 1.6 | 0.21 |
| ) | 53 | 2065 | 1.000 | 0.125 | 72.2 | 72.2 | 9.0 | 28.6 | 3.6 | 12.6 | | | | 1.6 | 1.6 | 0.20 | 1.6 | 1.6 | 0.20 |
| 合計 | | | | | 3,610 | 3,610 | 1,379 | 29 | 3.6 | 1,383 =B | 372 | 372 | 345 | 81 | 80 | 31 | 454 | 452 | 375 |

| 費用便益比 | | |
|---|---|---|
| 総便益（億円） | B | 14 |
| 総費用（億円） | C | 3.8 |
| **費用便益比** | **B／C** | **3.7** |
| 純現在価値（億円） | B－C | 10 |
| 経済的内部収益率 | | 16.2% |

# (2)調査アンケート票　1/5

宮-02

## 宮川の河川環境整備に関するアンケート調査のご協力のお願い

平成２４年６月
国土交通省中部地方整備局
三 重 河 川 国 道 事 務 所

**アンケートにご協力いただく皆様方へ**

時下、皆さま方におかれましてはますますご健勝のことと存じます。

国土交通省 中部地方整備局 三重河川国道事務所では、平成 24 年度より、玉城町昼田地区の宮川河川敷において、地域の方々が河川空間を安全で利用しやすく、川とふれあえるような取り組みを進めています。

本アンケート調査は、

**玉城町昼田地区で行われている取り組みの効果を金額に置き換えて評価する**ことを目的として実施するものであり、**本取り組みによる効果が及ぶ範囲として期待される周辺地域にお住まいの皆様を対象**としております。

本アンケートの目的をご理解いただき、ご協力下さいますようお願い申し上げます。

### ご回答にあたって

- この調査票にご回答いただいた内容は全て統計的に処理しますので、**個人情報および個々の数値やご意見が公表されることは決してありません。**また、本調査の目的以外に使用することも決してありません。
- アンケートは、あなたご自身、もしくは世帯主など世帯のおもな収入を得られている方がご記入下さい。
- ご記入いただきましたら、回答用紙を同封の返信用封筒に入れて、**６月２５日(月)まで**にお近くの郵便ポストにご投函下さい（切手は不要です）。

### アンケート調査についてのお問い合わせ

アンケートについてご不明な点がございましたら、下記までお問い合わせ下さい。

■調査主体

国土交通省　中部地方整備局　三重河川国道事務所　調査第一課
TEL　059−229−2216（9:00～17:00；土曜・休祝日を除く）
FAX　059−229−2257

# (2)調査アンケート票　2/5

宮-02

（アンケート回答用紙）

まず、あなたの宮川との関わりについてお尋ねします。

問1.　あなたは、宮川という川をご存知ですか。あてはまる番号を１つ、○で囲んで下さい。

1）よく知っており、よく行く（概ね月１回以上）。
2）よく知っており、たびたび行く（概ね年数回程度）。
3）知っており、たまに行く（概ね年１回程度）。
4）知っているが、ほとんど行かない。
5）初めて知った。

続いて、玉城町昼田地区の宮川左岸河川敷における利用状況や取り組みについてお尋ねします。説明資料を参考にお答え下さい。

問2.　あなたは、現在、玉城町昼田地区の宮川左岸河川敷（説明資料「事業箇所図」参照）にどのくらい訪れますか。また、説明資料に示したような取り組みが行われた後、どれくらい訪れたいと思いますか。あてはまる番号を１つ、○で囲んで下さい。
　また、「週１回以上」「月１回以上」「年１回以上」訪れるとお答えの方は、①その回数と②同行する人数、③使用する交通機関と時間、④目的をあわせてお答え下さい。また、他に立ち寄る場所があれば、⑤その箇所数と主な場所をお答え下さい。
（回答欄は次ページにあります）



| | 取り組み前（現在） | 取り組み後（将来） |
|---|---|---|
| ①来訪する頻度<br>※回数は、選択肢に応じた回数をお答え下さい。 | 1）週１回以上<br>2）月１回以上<br>3）年１回以上<br>で［　　］回くらい<br>→【下記②～⑤の設問へ】<br>4）行かない　→【問３へ】 | 1）週１回以上<br>2）月１回以上<br>3）年１回以上<br>で［　　］回くらい<br>→【下記②～⑤の設問へ】<br>4）行かない　→【問３へ】 |
| ②同行する人数（自分も含めて） | 1）大人：［　　］人<br>2）子供：［　　］人 | 1）大人：［　　］人<br>2）子供：［　　］人 |
| ③交通機関、時間（片道） | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい | 1）車、バイク<br>2）電車、バス<br>3）自転車<br>4）徒歩<br>で［　　］分くらい |
| ④目的（いくつでも回答可） | 1）散歩、ジョギング等<br>2）スポーツ<br>3）自然観察・環境学習<br>4）釣り<br>5）水遊び・レクリエーション<br>6）イベント参加<br>7）通勤・通学などの通り道<br>8）仕事<br>9）その他（　　） | 1）散歩、ジョギング等<br>2）スポーツ<br>3）自然観察・環境学習<br>4）釣り<br>5）水遊び・レクリエーション<br>6）イベント参加<br>7）通勤・通学などの通り道<br>8）仕事<br>9）その他（　　） |
| ⑤他に立ち寄る場所 | 1）他には立ち寄らない<br>2）他にも立ち寄る<br>［　　］箇所くらい<br>主な場所（　　） | 1）他に立ち寄りたい場所はない<br>2）他にも立ち寄りたい<br>［　　］箇所くらい<br>主な場所（　　） |

問3.　あなたは、玉城町昼田地区の宮川左岸河川敷で、説明資料に示すような取り組みが行われていることをご存じですか。あてはまる番号を１つ、○で囲んで下さい。

1）知っている
2）知らなかった

# (2)調査アンケート票　3/5

**ここからは仮定の質問です。説明文及び説明資料をよくお読みになったうえでお答えください。**

玉城町昼田地区の宮川左岸河川敷で行われる、河川空間を安全で利用しやすく、川とふれあえる取り組みは、実際には税金によって行われますが、ここでは取り組みの効果を金額に置き換えて評価するため、仮に『取り組みが税金ではなく、各世帯から負担金を集めて行われる』という状況を想定して回答してください。（注：取り組みの効果を評価するための仮定であり、実際にこのような仕組が考えられているわけではありません。）

| 取り組みなし（現在の状況） | 取り組みあり（将来の状況） |
|---|---|
| ・河川空間を安全で利用しやすく、川とふれあえる取り組みは行われず、川への近づきやすさや利用のしやすさは改善されません。<br>・あなたの世帯の負担金はありません。 | ・河川空間を安全で利用しやすく、川とふれあえる取り組みが行われ、川への近づきやすさや利用のしやすい環境が形成されます。<br>・あなたの世帯から負担金が必要です。（なお、負担金は、**あなたの世帯が今の地域にお住まいの間、負担し続ける**ものと考えて下さい。） |

問4.　次の(1)から(8)に、取り組みありの負担金の額を具体的に示します。あなたはそれぞれについて、賛成・反対のどちらかをお考え頂き、**望ましいと思う方の番号を１つ、○で囲んで下さい。**なお、負担金は、**あなたの世帯が今の地域にお住まいの間、負担し続ける**ことになり、負担金の分だけあなたの世帯が使うことができるお金が減ることを、十分、念頭においてお答えください。また、負担金は、この取り組みと維持管理のためだけに使われるものとし、その他の目的にはいっさい使われないものとします。

(1)世帯あたり**毎月 50 円（年間あたり 600 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問5】へ

(2)世帯あたり**毎月 100 円（年間あたり 1,200 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(3)世帯あたり**毎月 200 円（年間あたり 2,400 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ



(4)世帯あたり**毎月 300 円（年間あたり 3,600 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(5)世帯あたり**毎月 500 円（年間あたり 6,000 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(6)世帯あたり**毎月 1,000 円（年間あたり 12,000 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(7)世帯あたり**毎月 2,000 円（年間あたり 24,000 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ

(8)世帯あたり**毎月 3,000 円（年間あたり 36,000 円）**の負担が必要となりますが、この取り組みの実施に賛成ですか？

1）反対　　2）賛成

→【問6】へ　　→【問6】へ

問5.　**問4の(1)で「反対」とお答えの方**にお伺いします。その理由は何ですか。**もっともあてはまる番号を１つ、○で囲んで下さい。**

1）取り組みは必要だと思うが、負担金を支払う価値まではないと思うから
2）取り組みは必要ないと思うから
3）取り組みに対し世帯から負担金を集めるという仕組みに反対だから
4）これだけの情報では判断できないから
5）その他（具体的にお答え下さい）[　　]

# (2)調査アンケート票　4/5

問6.　問４で１度でも「賛成」とお答えの方にお伺いします。その理由は何ですか。あてはまる番号をいくつでも、〇で囲んで下さい（複数回答可）。その中でも賛成する一番の理由となった番号を１つ選んで記載して下さい。

1）散策やジョギングなどの場として利用できるようになるから
2）河川敷でスポーツ等ができるようになるから
3）川や水辺で遊んだり、釣りを楽しめるようになるから
4）河川敷や水際へ安全に下りられるようになるから
5）生物観察などの環境学習の場となるから
6）景観がよくなるから
7）洪水の心配がなくなるから
8）河川の環境が良くなること自体がいいことだから
9）他の人や将来の世代にとっていいことだから
10）他の世帯も支払うのであれば仕方がないと思うから
11）その他（具体的にお答え下さい）［　　］

賛成する一番の理由・・・・・［　　］番

これで、仮定に関する質問は終わりです。
引き続き、残る質問についてご回答ください。

問7.　あなた自身についてお尋ねします。

（1）あなたの性別について、あてはまる番号を１つ、〇で囲んで下さい。

1）男性　　2）女性

（2）あなたの年齢について、あてはまる番号を１つ、〇で囲んで下さい。

1）20 代　　2）30 代　　3）40 代　　4）50 代
5）60 代　　6）70 代以上

（3）あなたのお住まいの郵便番号をご記入ください。

［　］［　］［　］－［　］［　］［　］［　］



（4）あなた、またはあなたの世帯で主に収入を得ておられる方のご職業は何ですか。あてはまる番号を１つ、〇で囲んで下さい。

1）自営・農家　　2）給与所得者（会社員、公務員等）
3）会社・団体役員　　4）パート・アルバイト
5）年金生活者　　6）学生
7）その他（具体的にお答え下さい）＿＿＿＿＿＿＿＿＿＿

問8.　今後の河川の環境整備のあり方についてご意見がございましたらご自由にお書きください。

アンケートは以上です。

なお、繰り返しになりますが、問４はあくまでも仮定の質問であり、この調査の回答結果をもとにあなたの世帯から実際に負担金が徴収されることは決してございません。

ご協力、ありがとうございました。

この用紙を返信用封筒に入れ、近くの郵便ポストにご投函（とうかん）願います。

# (2)調査アンケート票　5/5

宮-02

宮川における河川環境整備について
～玉城町の宮川河川敷における安全で利用しやすく川とふれあえる取り組み～

説明資料

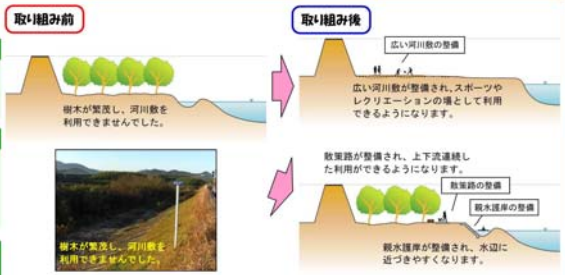
●概要
玉城町昼田地区の宮川河川敷において、地域の人びとが河川空間を安全で利用しやすく、川とふれあえるような施設（多目的広場、親水護岸など）を整備します。

取り組みのイメージ

●散策路の整備
川に沿って移動しやすいように、散策路を整備します。これにより、上下流連続した利用ができるようになります。

●河川敷の広場などの整備
広い河川敷に、多目的広場などを整備します。これにより、スポーツやレクリエーションの場として利用ができるようになります。

●水辺に近づける階段や坂路の整備
水辺に安全に近づけるよう、階段や坂路を整備します。これにより、安心して水辺に近づけるようになります。



取り組み前

取り組み後（イメージ図）

取り組みにより期待される効果
・宮川で水際を安全・快適に利用できるようになり、水と親しみやすくなることが期待されます。
・周辺観光地と連続した利用ができるようになり、さらなる利用の活性化が期待されます。

# 木曽川水系直轄砂防事業　様式集

業務カルテ

［様式－２］　資産データ

［様式－３］　被害額（現況時）

被害額（概ね30年間の事業完成時）

［様式－４］　年平均被害軽減期待額（土砂・洪水）

年平均被害軽減期待額（土石流）

［様式－５］　費用対効果（全体事業）

費用対効果（全体事業・感度分析）

事業費の内訳書（全体事業費）

事業費の内訳書（残事業費）

平成24年10月31日

国土交通省中部地方整備局

多治見砂防国道事務所

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 事業名（箇所名） | 木曽川水系直轄砂防事業 | | 担当課 | 水管理・国土保全局砂防部保全課 | 事業主体 | 中部地方整備局 | | | | | |
| | | | 担当課長名 | 渡　正昭 | | | | | | | |
| 実施箇所 | 岐阜県中津川市、長野県木曽郡上松町、南木曽町、大桑村 | | | | | | | | | | |
| 該当基準 | 再評価実施後一定期間（3年間）が経過している事業 | | | | | | | | | | |
| 事業諸元 | 直轄区域面積：約538km$^2$　　主要施設：砂防堰堤、渓流保全工等 | | | | | | | | | | |
| 事業期間 | 平成25年度～平成51年度 | | | | | | | | | | |
| 総事業費（億円） | 約903 | | 残事業費（億円） | 約903 | | | | | | | |
| 目的・必要性 | ＜解決すべき課題・背景＞<br>・木曽川幹川の下流には、市街地や木曽川と並行する国道19号、JR中央本線が横断し、木曽川本川沿いには、発電施設、水道施設等ライフライン関連施設が点在している。<br>・木曽川上流部は急峻な地形で、季節による気温較差が大きく、風化しやすい花崗岩を基盤としていること等から、崩壊地が広く分布している。<br>・河床にも崩落した土砂が厚く堆積し、渓床勾配が急なため、洪水時には、木曽川本川へ大量の土砂が流出する危険性が高い。<br>・これまで頻繁に豪雨による土砂災害が発生しており、このような豪雨時に発生する山腹崩壊や土石流等の土砂流出に起因する災害から流域住民の生命や財産を守る必要がある。<br><br>＜達成すべき目標＞<br>・木曽川砂防流域及び下流域の氾濫被害を解消する。<br>・流域内での土石流被害による人的・財産被害を解消する。<br><br>＜政策体系上の位置付け＞<br>・政策目標：水害等災害による被害の軽減。<br>・施策目標：水害・土砂災害の防止・減災を推進する。 | | | | | | | | | | |
| 便益の主な根拠 | 人家：4,000世帯、事業所：490施設、重要公共施設：45箇所、国道：6.8km、JR：5.3km | | | | | | | | | | |
| 事業全体の投資効率性 | 基準年度 | 平成24年度 | | | | | | | | | |
| | B:総便益（億円） | 815 | C:総費用（億円） | 462 | B/C | 1.8 | B-C | 353 | EIRR（%） | 8.0 | |
| 残事業の投資効率性 | B:総便益（億円） | 815 | C:総費用（億円） | 462 | B/C | 1.8 | | | | | |
| 感度分析 | | 残事業（B／C） | 全体事業（B／C） | | | | | | | | |
| | 残事業費（+10%～-10%） | 1.6　～　1.9 | 1.6　～　1.9 | | | | | | | | |
| | 残工期（+10%～-10%） | 1.8　～　1.7 | 1.8　～　1.7 | | | | | | | | |
| | 資産（+10%～-10%） | 1.9　～　1.6 | 1.9　～　1.6 | | | | | | | | |
| 事業の効果等 | ・土砂流出による河床上昇に伴う洪水被害及び、支渓での土石流被害が想定され、交通網やライフラインの途絶等も予想される。<br>・直轄砂防事業により、土石流の抑制及び河道の安定を図ることにより、これらの被害が軽減されるものとなる。 | | | | | | | | | | |
| 社会経済情勢等の変化 | ・木曽川砂防流域内の人口は横ばい、世帯数は増加傾向である。<br>・木曽川流域には『各市町村中心市街地』、名古屋圏と長野地方を結び危険物積載車両が唯一通行可能な『国道19号』や『JR中央本線』等の重要交通網、生活基盤を支える『上水道』や『発電所』『通信回線』がある。<br>・木曽川と並行してJR中央本線、国道19号が通っており、それに沿って、中山道の宿場町が点在し、岐阜県、長野県下有数の観光地となっている。<br>・中津川市は、電気機械器具、情報通信機械器具、パルプ・紙・紙加工品等の産業の進出や、中津川中核工業団地等も整備がなされ、地域産業の中核的な地域となっている。さらに、大桑村の伊奈川沿いにはターボチャージャ生産量が世界シェア15%（第3位）を占める企業が存在している。<br><br>以上より流域の資産等は、流域の土砂災害防止を目的とした本事業の必要性について変化はない。 | | | | | | | | | | |
| 事業の進捗状況 | 約3,723万m$^3$の計画超過土砂量に対して、木曽川水系の事業進捗率は約27.1%である。 | | | | | | | | | | |
| 事業の進捗の見込み | 現在までに、砂防堰堤177基、床固工25基、床固工群1,990m、渓流保全工8,930m等が完成しており、大沢第1砂防堰堤、越百川第3砂防堰堤等の整備を継続している。ほぼ順調に整備が進んでおり、大きな支障となる事項はない。今後も事業の進捗を図る見込みである。 | | | | | | | | | | |
| コスト縮減や代替案立案等の可能性 | ・粗石コンクリート工法や、砂防ソイルセメントの活用により、コスト縮減に努めている。<br>・砂防堰堤などのハード対策に加え、危機管理体制の強化や警戒避難の支援を行うソフト対策の推進を図っている。<br>・代替案として、人家等の移転も考えられるが、流域内の居住者を全て移転させることは現実的ではない。 | | | | | | | | | | |
| 対応方針 | 継続 | | | | | | | | | | |
| 対応方針理由 | 事業の必要性、事業進捗の見込み、コスト縮減などの着眼点により総合的に判断。 | | | | | | | | | | |

| | |
|---|---|
| その他 | ＜第三者委員会の意見・反映内容＞<br><br>＜都道府県の意見・反映内容＞<br>岐阜県：事業の継続をお願いします。<br>なお、事業の実施にあたっては、実施箇所、工法及び事業費などについて工事実施前に本県と十分な調整をしていただくとともに、コスト縮減の徹底をお願いします。<br><br>長野県：本事業に関する国の対応方針（原案）については、異存ありません。<br>なお、当該事業の実施にあたっては、引き続きコスト縮減に努め、効果が早期に発現されるよう、事業の着実な推進をお願いします。 |

様式－２　　資産データ　　水系名：木曽川　　河川名：木曽川　　国勢調査年：平成１７年　　事業所統計調査年：平成１８年

| 氾濫ブロック | ブロック面積（km2） | 一般資産等基礎数量 | | | | | | | 一般資産被害額（百万円） | | | | | | | 農作物被害額（百万円） | | | 一般資産額等合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 人口（人） | 世帯数（世帯） | 従業者数（産業分類別に算出） | 農漁家数（戸） | 延床面積（ha） | 水田面積（ha） | 畑面積（ha） | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | |
| | | | | | | | | | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | |
| 土砂・洪水氾濫区域 | 8.89 | 5,898 | 2,084 | 2,858 | 137 | 53.72 | 125.50 | 36.50 | 46,813 | 19,432 | 6,516 | 3,659 | 139 | 44 | 76,603 | 58 | 71 | 128 | 76,732 | |
| 土石流氾濫区域 | 8.48 | 5,315 | 1,946 | 638 | 274 | 24.65 | 131.35 | 93.50 | 181 | 122 | 12,007 | 1,090 | 226 | 59 | 13,684 | 48 | 160 | 208 | 13,892 | |

（現況施設時）

様式－３　被害額（現況時）　水系名：木曽川　河川名：木曽川　流量規模：1/100　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 46,813 | 19,432 | 6,516 | 3,659 | 139 | 44 | 76,603 | 58 | 71 | 128 | 129,766 | 0 | 1,796 | 755 | 552 | 1,307 | 1,622 | 5,534 | 0 | 2,552 | 0 | 219,309 | |
| 土石流氾濫区域 | 31,764 | 23,027 | 13,853 | 1,358 | 358 | 106 | 70,465 | 146 | 307 | 453 | 36,841 | 13,578 | 1,434 | 1,065 | 668 | 1,733 | 548 | 17,071 | 3,117 | 0 | 148,589 | 293,828 | |
| 合計 | 78,577 | 42,458 | 20,369 | 5,017 | 497 | 150 | 147,068 | 204 | 378 | 581 | 166,607 | 13,578 | 3,231 | 1,819 | 1,220 | 3,039 | 2,169 | 22,605 | 3,117 | 2,552 | 148,589 | 513,137 | |

様式－３　被害額（現況時）　水系名：木曽川　河川名：木曽川　流量規模：1/80　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 45,853 | 19,096 | 6,376 | 3,596 | 138 | 43 | 75,103 | 59 | 69 | 128 | 127,225 | 0 | 1,763 | 742 | 540 | 1,282 | 1,591 | 5,284 | 0 | 2,552 | 0 | 214,929 | |
| 土石流氾濫区域 | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | |
| 合計 | 45,853 | 19,096 | 6,376 | 3,596 | 138 | 43 | 75,103 | 59 | 69 | 128 | 127,225 | 0 | 1,763 | 742 | 540 | 1,282 | 1,591 | 5,284 | 0 | 2,552 | 0 | 214,929 | |

様式－３　被害額（現況時）　水系名：木曽川　河川名：木曽川　流量規模：1/50　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 44,072 | 18,419 | 6,093 | 3,432 | 135 | 42 | 72,194 | 56 | 65 | 121 | 122,296 | 0 | 1,691 | 715 | 510 | 1,225 | 1,540 | 2,789 | 0 | 2,552 | 0 | 204,409 | |
| 土石流氾濫区域 | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | |
| 合計 | 44,072 | 18,419 | 6,093 | 3,432 | 135 | 42 | 72,194 | 56 | 65 | 121 | 122,296 | 0 | 1,691 | 715 | 510 | 1,225 | 1,540 | 2,789 | 0 | 2,552 | 0 | 204,409 | |

様式－３　被害額（現況時）　水系名：木曽川　河川名：木曽川　流量規模：1/30　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 38,599 | 16,254 | 4,326 | 2,775 | 129 | 41 | 62,123 | 48 | 63 | 111 | 105,237 | 0 | 1,302 | 625 | 420 | 1,045 | 1,227 | 2,342 | 0 | 2,333 | 0 | 175,721 | |
| 土石流氾濫区域 | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | |
| 合計 | 38,599 | 16,254 | 4,326 | 2,775 | 129 | 41 | 62,123 | 48 | 63 | 111 | 105,237 | 0 | 1,302 | 625 | 420 | 1,045 | 1,227 | 2,342 | 0 | 2,333 | 0 | 175,721 | |

様式－３　被害額（現況時）　水系名：木曽川　河川名：木曽川　流量規模：1/20　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 36,302 | 15,463 | 4,101 | 2,641 | 124 | 39 | 58,670 | 42 | 56 | 98 | 99,387 | 0 | 1,235 | 593 | 401 | 994 | 1,168 | 2,067 | 0 | 2,087 | 0 | 165,706 | |
| 土石流氾濫区域 | 24,276 | 17,603 | 10,935 | 1,047 | 273 | 81 | 54,216 | 114 | 238 | 351 | 28,408 | 0 | 1,121 | 814 | 511 | 1,325 | 421 | 13,350 | 2,432 | 0 | 0 | 101,623 | |
| 合計 | 60,579 | 33,066 | 15,036 | 3,688 | 397 | 120 | 112,886 | 155 | 293 | 449 | 127,795 | 0 | 2,356 | 1,408 | 912 | 2,320 | 1,589 | 15,417 | 2,432 | 2,087 | 0 | 267,330 | |

様式－３　被害額（現況時）　水系名：木曽川　河川名：木曽川　流量規模：1/10　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 4,290 | 2,055 | 690 | 475 | 15 | 6 | 7,532 | 18 | 12 | 31 | 12,760 | 0 | 151 | 81 | 77 | 157 | 107 | 993 | 0 | 768 | 0 | 22,500 | |
| 土石流氾濫区域 | 21,103 | 15,302 | 10,623 | 853 | 237 | 71 | 48,189 | 99 | 208 | 307 | 24,829 | 0 | 988 | 708 | 444 | 1,152 | 367 | 11,737 | 2,141 | 0 | 0 | 89,710 | |
| 合計 | 25,394 | 17,358 | 11,313 | 1,328 | 252 | 77 | 55,721 | 118 | 220 | 338 | 37,589 | 0 | 1,139 | 789 | 521 | 1,310 | 474 | 12,730 | 2,141 | 768 | 0 | 112,211 | |

様式－３　被害額（概ね30年間の事業完成時）　水系名：木曽川　河川名：木曽川　流量規模：1/100　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 46,062 | 19,117 | 6,380 | 3,595 | 138 | 43 | 75,335 | 49 | 54 | 103 | 127,617 | 0 | 1,765 | 742 | 537 | 1,278 | 1,594 | 1,579 | 0 | 2,302 | 0 | 211,572 | |
| 土石流氾濫区域 | 22,140 | 16,117 | 10,623 | 853 | 248 | 75 | 50,057 | 104 | 222 | 326 | 25,859 | 9,375 | 1,031 | 761 | 477 | 1,238 | 402 | 10,744 | 2,243 | 0 | 102,653 | 203,928 | |
| 合計 | 68,202 | 35,234 | 17,003 | 4,448 | 387 | 119 | 125,392 | 153 | 276 | 429 | 153,476 | 9,375 | 2,796 | 1,502 | 1,014 | 2,517 | 1,995 | 12,323 | 2,243 | 2,302 | 102,653 | 415,500 | |

様式－３　被害額（概ね30年間の事業完成時）　水系名：木曽川　河川名：木曽川　流量規模：1/80　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 43,720 | 18,164 | 6,036 | 3,404 | 134 | 42 | 71,500 | 49 | 52 | 101 | 121,121 | 0 | 1,669 | 703 | 497 | 1,201 | 1,514 | 991 | 0 | 2,302 | 0 | 200,399 | |
| 土石流氾濫区域 | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | |
| 合計 | 43,720 | 18,164 | 6,036 | 3,404 | 134 | 42 | 71,500 | 49 | 52 | 101 | 121,121 | 0 | 1,669 | 703 | 497 | 1,201 | 1,514 | 991 | 0 | 2,302 | 0 | 200,399 | |

様式－３　被害額（概ね30年間の事業完成時）　水系名：木曽川　河川名：木曽川　流量規模：1/50　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 41,732 | 17,473 | 5,834 | 3,269 | 129 | 41 | 68,479 | 44 | 47 | 91 | 116,003 | 0 | 1,619 | 677 | 483 | 1,160 | 1,469 | 438 | 0 | 2,223 | 0 | 191,481 | |
| 土石流氾濫区域 | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | |
| 合計 | 41,732 | 17,473 | 5,834 | 3,269 | 129 | 41 | 68,479 | 44 | 47 | 91 | 116,003 | 0 | 1,619 | 677 | 483 | 1,160 | 1,469 | 438 | 0 | 2,223 | 0 | 191,481 | |

様式－３　被害額（概ね30年間の事業完成時）　水系名：木曽川　河川名：木曽川　流量規模：1/30　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 37,763 | 15,778 | 4,271 | 2,801 | 127 | 40 | 60,780 | 36 | 44 | 80 | 102,961 | 0 | 1,271 | 598 | 406 | 1,004 | 1,246 | 411 | 0 | 2,003 | 0 | 169,756 | |
| 土石流氾濫区域 | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | － | |
| 合計 | 37,763 | 15,778 | 4,271 | 2,801 | 127 | 40 | 60,780 | 36 | 44 | 80 | 102,961 | 0 | 1,271 | 598 | 406 | 1,004 | 1,246 | 411 | 0 | 2,003 | 0 | 169,756 | |

様式－３　被害額（概ね30年間の事業完成時）　水系名：木曽川　河川名：木曽川　流量規模：1/20　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 29,795 | 12,689 | 3,655 | 2,254 | 96 | 32 | 48,520 | 30 | 37 | 66 | 82,193 | 0 | 993 | 477 | 351 | 828 | 1,051 | 71 | 0 | 1,486 | 0 | 135,208 | |
| 土石流氾濫区域 | 16,859 | 12,275 | 8,445 | 660 | 189 | 57 | 38,486 | 81 | 171 | 253 | 19,885 | 0 | 809 | 580 | 364 | 944 | 308 | 8,436 | 1,745 | 0 | 0 | 70,865 | |
| 合計 | 46,654 | 24,965 | 12,100 | 2,914 | 285 | 89 | 87,006 | 111 | 208 | 319 | 102,079 | 0 | 1,802 | 1,056 | 715 | 1,772 | 1,359 | 8,506 | 1,745 | 1,486 | 0 | 206,074 | |

様式－３　被害額（概ね30年間の事業完成時）　水系名：木曽川　河川名：木曽川　流量規模：1/10　単位：百万円

| 氾濫ブロック | 一般資産被害額 | | | | | | | 農作物被害額 | | | 公共土木施設等被害額 | 人身被害（逸失利益） | 営業停止損失 | 家屋における応急対策費用 | | | 事業所における応急対策費用 | 国・地方公共団体における応急対策費用 | 交通途絶被害 | ライフライン被害 | 人身被害（精神的損失） | 合計 | 備考 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | | 清掃労働対価 | 代替活動等 | 小計 | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | | |
| 土砂・洪水氾濫区域 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 土石流氾濫区域 | 14,627 | 10,651 | 7,510 | 580 | 164 | 50 | 33,582 | 71 | 150 | 221 | 17,331 | 0 | 715 | 503 | 293 | 796 | 268 | 7,418 | 1,534 | 0 | 0 | 61,865 | |
| 合計 | 14,627 | 10,651 | 7,510 | 580 | 164 | 50 | 33,582 | 71 | 150 | 221 | 17,331 | 0 | 715 | 503 | 316 | 796 | 268 | 7,418 | 1,534 | 0 | 0 | 61,865 | |

単位：百万円

様式－４　　年平均被害軽減期待額　　水系名：木曽川　　河川名：木曽川　　対象：土砂・洪水氾濫区域

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 ④ | 区間確率 ⑤ | 年平均被害額 ④×⑤ | 年平均被害額の累計 =年平均被害軽減期待額 | 備考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合 ① | 事業を実施した場合 ② | 軽減額 ③＝①－② | | | | | |
| 1/10 | 0.1000 | 22,500 | 0 | 22,500 | － | － | － | － | |
| 1/20 | 0.0500 | 165,706 | 135,208 | 30,498 | 26,499 | 0.050 | 1,325 | 1,325 | |
| 1/30 | 0.0333 | 175,721 | 169,756 | 5,965 | 18,231 | 0.017 | 304 | 1,629 | |
| 1/50 | 0.0200 | 204,409 | 191,481 | 12,927 | 9,446 | 0.013 | 126 | 1,755 | |
| 1/80 | 0.0125 | 214,929 | 200,399 | 14,529 | 13,728 | 0.008 | 103 | 1,858 | |
| 1/100 | 0.0100 | 219,309 | 211,572 | 7,737 | 11,133 | 0.003 | 28 | 1,886 | |

単位：百万円

様式－４　　年平均被害軽減期待額　　水系名：木曽川　　河川名：木曽川　　対象：土石流氾濫区域

| 流量規模 | 超過確率 | 被害額 | | | 区間平均被害額 ④ | 区間確率 ⑤ | 年平均被害額 ④×⑤ | 年平均被害額の累計 =年平均被害軽減期待額 | 備考 |
|---|---|---|---|---|---|---|---|---|---|
| | | 事業を実施しない場合 ① | 事業を実施した場合 ② | 軽減額 ③＝①－② | | | | | |
| 1/10 | 0.1000 | 89,710 | 61,865 | 27,845 | － | － | － | － | |
| 1/20 | 0.0500 | 101,623 | 70,865 | 30,758 | 29,302 | 0.050 | 1,465 | 1,465 | |
| 1/100 | 0.0100 | 293,828 | 203,928 | 89,900 | 60,329 | 0.040 | 2,413 | 3,878 | |

様式－５　　費用対便益（全体事業）　　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便益（B） | | | | 費用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（27年） | H25 | 1 | 0 | 0 | | | 2,700 | 2,596 | 0 | 0 | 2,700 | 2,596 | | |
| | H26 | 2 | 221 | 205 | | | 2,700 | 2,496 | 0 | 0 | 2,700 | 2,496 | | |
| | H27 | 3 | 443 | 393 | | | 2,700 | 2,400 | 0 | 0 | 2,700 | 2,400 | | |
| | H28 | 4 | 664 | 567 | | | 2,700 | 2,308 | 0 | 0 | 2,700 | 2,308 | | |
| | H29 | 5 | 885 | 728 | | | 2,700 | 2,219 | 0 | 0 | 2,700 | 2,219 | | |
| | H30 | 6 | 1,106 | 874 | | | 2,700 | 2,134 | 0 | 0 | 2,700 | 2,134 | | |
| | H31 | 7 | 1,327 | 1,009 | | | 2,700 | 2,052 | 0 | 0 | 2,700 | 2,052 | | |
| | H32 | 8 | 1,549 | 1,132 | | | 2,700 | 1,973 | 0 | 0 | 2,700 | 1,973 | | |
| | H33 | 9 | 1,770 | 1,244 | | | 2,700 | 1,897 | 0 | 0 | 2,700 | 1,897 | | |
| | H34 | 10 | 1,991 | 1,345 | | | 2,700 | 1,824 | 0 | 0 | 2,700 | 1,824 | | |
| | H35 | 11 | 2,213 | 1,437 | | | 2,700 | 1,754 | 0 | 0 | 2,700 | 1,754 | | |
| | H36 | 12 | 2,434 | 1,520 | | | 2,700 | 1,686 | 0 | 0 | 2,700 | 1,686 | | |
| | H37 | 13 | 2,655 | 1,594 | | | 2,700 | 1,622 | 0 | 0 | 2,700 | 1,622 | | |
| | H38 | 14 | 2,876 | 1,661 | | | 2,700 | 1,559 | 0 | 0 | 2,700 | 1,559 | | |
| | H39 | 15 | 3,098 | 1,720 | | | 2,700 | 1,499 | 0 | 0 | 2,700 | 1,499 | | |
| | H40 | 16 | 3,319 | 1,772 | | | 2,700 | 1,442 | 0 | 0 | 2,700 | 1,442 | | |
| | H41 | 17 | 3,540 | 1,817 | | | 2,700 | 1,386 | 0 | 0 | 2,700 | 1,386 | | |
| | H42 | 18 | 3,761 | 1,857 | | | 2,700 | 1,333 | 0 | 0 | 2,700 | 1,333 | | |
| | H43 | 19 | 3,983 | 1,890 | | | 2,700 | 1,282 | 0 | 0 | 2,700 | 1,282 | | |
| | H44 | 20 | 4,204 | 1,918 | | | 2,700 | 1,232 | 0 | 0 | 2,700 | 1,232 | | |
| | H45 | 21 | 4,425 | 1,942 | | | 2,700 | 1,185 | 0 | 0 | 2,700 | 1,185 | | |
| | H46 | 22 | 4,646 | 1,961 | | | 2,700 | 1,139 | 0 | 0 | 2,700 | 1,139 | | |
| | H47 | 23 | 4,868 | 1,975 | | | 2,700 | 1,095 | 0 | 0 | 2,700 | 1,095 | | |
| | H48 | 24 | 5,089 | 1,985 | | | 2,700 | 1,053 | 0 | 0 | 2,700 | 1,053 | | |
| | H49 | 25 | 5,310 | 1,992 | | | 2,700 | 1,013 | 0 | 0 | 2,700 | 1,013 | | |
| | H50 | 26 | 5,531 | 1,995 | | | 2,700 | 974 | 0 | 0 | 2,700 | 974 | | |
| | H51 | 27 | 5,753 | 1,995 | | | 155 | 54 | 0 | 0 | 155 | 54 | | |
| 施設完成後の評価期間（50年） | H52 | 28 | 5,763 | 1,922 | | | | | 398 | 133 | 398 | 133 | | |
| | H53 | 29 | 5,763 | 1,848 | | | | | 398 | 128 | 398 | 128 | | |
| | H54 | 30 | 5,763 | 1,777 | | | | | 398 | 123 | 398 | 123 | | |
| | H55 | 31 | 5,763 | 1,709 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 5,763 | 1,643 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 5,763 | 1,580 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 5,763 | 1,519 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 5,763 | 1,461 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 5,763 | 1,405 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 5,763 | 1,350 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 5,763 | 1,298 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 5,763 | 1,249 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 5,763 | 1,200 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 5,763 | 1,154 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 5,763 | 1,110 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 5,763 | 1,067 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 5,763 | 1,026 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 5,763 | 987 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 5,763 | 949 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 5,763 | 912 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 5,763 | 877 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 5,763 | 843 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 5,763 | 811 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 5,763 | 780 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 5,763 | 750 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 5,763 | 721 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 5,763 | 693 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 5,763 | 667 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 5,763 | 641 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 5,763 | 616 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 5,763 | 593 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 5,763 | 570 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 5,763 | 548 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 5,763 | 527 | | | | | 398 | 37 | 398 | 37 | | |
| | H86 | 62 | 5,763 | 507 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 5,763 | 487 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 5,763 | 468 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 5,763 | 450 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 5,763 | 433 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 5,763 | 416 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 5,763 | 400 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 5,763 | 385 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 5,763 | 370 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 5,763 | 356 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 5,763 | 342 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 5,763 | 329 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 5,763 | 316 | | | | | 398 | 22 | 398 | 22 | | |
| | H99 | 75 | 5,763 | 304 | | | | | 398 | 21 | 398 | 21 | | |
| | H100 | 76 | 5,763 | 292 | | | | | 398 | 20 | 398 | 20 | | |
| | H101 | 77 | 5,763 | 281 | | | | | 398 | 19 | 398 | 19 | | |
| 合　計 | | | 365,813 | 81,465 | 49 | 81,514 | 70,355 | 43,207 | 19,920 | 2,969 | 90,275 | 46,176 | 1.77 | 35,338 |

様式－５　　費用対便益（全体事業　事業費＋10%）　　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便　益（B） | | | | 費　用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（27年） | H25 | 1 | 0 | 0 | | | 2,866 | 2,756 | 0 | 0 | 2,866 | 2,756 | | |
| | H26 | 2 | 214 | 197 | | | 2,866 | 2,650 | 0 | 0 | 2,866 | 2,650 | | |
| | H27 | 3 | 427 | 379 | | | 2,866 | 2,548 | 0 | 0 | 2,866 | 2,548 | | |
| | H28 | 4 | 641 | 548 | | | 2,866 | 2,450 | 0 | 0 | 2,866 | 2,450 | | |
| | H29 | 5 | 854 | 702 | | | 2,866 | 2,356 | 0 | 0 | 2,866 | 2,356 | | |
| | H30 | 6 | 1,067 | 843 | | | 2,866 | 2,265 | 0 | 0 | 2,866 | 2,265 | | |
| | H31 | 7 | 1,281 | 973 | | | 2,866 | 2,178 | 0 | 0 | 2,866 | 2,178 | | |
| | H32 | 8 | 1,494 | 1,092 | | | 2,866 | 2,094 | 0 | 0 | 2,866 | 2,094 | | |
| | H33 | 9 | 1,708 | 1,200 | | | 2,866 | 2,014 | 0 | 0 | 2,866 | 2,014 | | |
| | H34 | 10 | 1,921 | 1,298 | | | 2,866 | 1,936 | 0 | 0 | 2,866 | 1,936 | | |
| | H35 | 11 | 2,135 | 1,387 | | | 2,866 | 1,862 | 0 | 0 | 2,866 | 1,862 | | |
| | H36 | 12 | 2,348 | 1,467 | | | 2,866 | 1,790 | 0 | 0 | 2,866 | 1,790 | | |
| | H37 | 13 | 2,562 | 1,539 | | | 2,866 | 1,721 | 0 | 0 | 2,866 | 1,721 | | |
| | H38 | 14 | 2,775 | 1,602 | | | 2,866 | 1,655 | 0 | 0 | 2,866 | 1,655 | | |
| | H39 | 15 | 2,989 | 1,659 | | | 2,866 | 1,592 | 0 | 0 | 2,866 | 1,592 | | |
| | H40 | 16 | 3,202 | 1,710 | | | 2,866 | 1,530 | 0 | 0 | 2,866 | 1,530 | | |
| | H41 | 17 | 3,415 | 1,753 | | | 2,866 | 1,472 | 0 | 0 | 2,866 | 1,472 | | |
| | H42 | 18 | 3,629 | 1,791 | | | 2,866 | 1,415 | 0 | 0 | 2,866 | 1,415 | | |
| | H43 | 19 | 3,842 | 1,824 | | | 2,866 | 1,361 | 0 | 0 | 2,866 | 1,361 | | |
| | H44 | 20 | 4,056 | 1,851 | | | 2,866 | 1,308 | 0 | 0 | 2,866 | 1,308 | | |
| | H45 | 21 | 4,269 | 1,873 | | | 2,866 | 1,258 | 0 | 0 | 2,866 | 1,258 | | |
| | H46 | 22 | 4,483 | 1,891 | | | 2,866 | 1,209 | 0 | 0 | 2,866 | 1,209 | | |
| | H47 | 23 | 4,696 | 1,905 | | | 2,866 | 1,163 | 0 | 0 | 2,866 | 1,163 | | |
| | H48 | 24 | 4,910 | 1,915 | | | 2,866 | 1,118 | 0 | 0 | 2,866 | 1,118 | | |
| | H49 | 25 | 5,123 | 1,922 | | | 2,866 | 1,075 | 0 | 0 | 2,866 | 1,075 | | |
| | H50 | 26 | 5,336 | 1,925 | | | 2,866 | 1,034 | 0 | 0 | 2,866 | 1,034 | | |
| | H51 | 27 | 5,550 | 1,925 | | | 2,866 | 994 | 0 | 0 | 2,866 | 994 | | |
| 施設完成後の評価期間（50年） | H52 | 28 | 5,763 | 1,922 | | | | | 398 | 133 | 398 | 133 | | |
| | H53 | 29 | 5,763 | 1,848 | | | | | 398 | 128 | 398 | 128 | | |
| | H54 | 30 | 5,763 | 1,777 | | | | | 398 | 123 | 398 | 123 | | |
| | H55 | 31 | 5,763 | 1,709 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 5,763 | 1,643 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 5,763 | 1,580 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 5,763 | 1,519 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 5,763 | 1,461 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 5,763 | 1,405 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 5,763 | 1,350 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 5,763 | 1,298 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 5,763 | 1,249 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 5,763 | 1,200 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 5,763 | 1,154 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 5,763 | 1,110 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 5,763 | 1,067 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 5,763 | 1,026 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 5,763 | 987 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 5,763 | 949 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 5,763 | 912 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 5,763 | 877 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 5,763 | 843 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 5,763 | 811 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 5,763 | 780 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 5,763 | 750 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 5,763 | 721 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 5,763 | 693 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 5,763 | 667 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 5,763 | 641 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 5,763 | 616 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 5,763 | 593 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 5,763 | 570 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 5,763 | 548 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 5,763 | 527 | | | | | 398 | 36 | 398 | 36 | | |
| | H86 | 62 | 5,763 | 507 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 5,763 | 487 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 5,763 | 468 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 5,763 | 450 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 5,763 | 433 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 5,763 | 416 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 5,763 | 400 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 5,763 | 385 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 5,763 | 370 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 5,763 | 356 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 5,763 | 342 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 5,763 | 329 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 5,763 | 316 | | | | | 398 | 22 | 398 | 22 | | |
| | H99 | 75 | 5,763 | 304 | | | | | 398 | 21 | 398 | 21 | | |
| | H100 | 76 | 5,763 | 292 | | | | | 398 | 20 | 398 | 20 | | |
| | H101 | 77 | 5,763 | 281 | | | | | 398 | 19 | 398 | 19 | | |
| 合　計 | | | 363,087 | 80,109 | 54 | 80,163 | 77,390 | 46,806 | 19,920 | 2,968 | 97,310 | 49,774 | 1.61 | 30,389 |

様式－５　　費用対便益（全体事業　事業費－10%）　　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便益（B） | | | | 費用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（27年） | H25 | 1 | 0 | 0 | | | 2,345 | 2,255 | 0 | 0 | 2,345 | 2,255 | | |
| | H26 | 2 | 214 | 197 | | | 2,345 | 2,168 | 0 | 0 | 2,345 | 2,168 | | |
| | H27 | 3 | 427 | 379 | | | 2,345 | 2,085 | 0 | 0 | 2,345 | 2,085 | | |
| | H28 | 4 | 641 | 548 | | | 2,345 | 2,005 | 0 | 0 | 2,345 | 2,005 | | |
| | H29 | 5 | 854 | 702 | | | 2,345 | 1,928 | 0 | 0 | 2,345 | 1,928 | | |
| | H30 | 6 | 1,067 | 843 | | | 2,345 | 1,854 | 0 | 0 | 2,345 | 1,854 | | |
| | H31 | 7 | 1,281 | 973 | | | 2,345 | 1,782 | 0 | 0 | 2,345 | 1,782 | | |
| | H32 | 8 | 1,494 | 1,092 | | | 2,345 | 1,714 | 0 | 0 | 2,345 | 1,714 | | |
| | H33 | 9 | 1,708 | 1,200 | | | 2,345 | 1,648 | 0 | 0 | 2,345 | 1,648 | | |
| | H34 | 10 | 1,921 | 1,298 | | | 2,345 | 1,584 | 0 | 0 | 2,345 | 1,584 | | |
| | H35 | 11 | 2,135 | 1,387 | | | 2,345 | 1,523 | 0 | 0 | 2,345 | 1,523 | | |
| | H36 | 12 | 2,348 | 1,467 | | | 2,345 | 1,465 | 0 | 0 | 2,345 | 1,465 | | |
| | H37 | 13 | 2,562 | 1,539 | | | 2,345 | 1,409 | 0 | 0 | 2,345 | 1,409 | | |
| | H38 | 14 | 2,775 | 1,602 | | | 2,345 | 1,354 | 0 | 0 | 2,345 | 1,354 | | |
| | H39 | 15 | 2,989 | 1,659 | | | 2,345 | 1,302 | 0 | 0 | 2,345 | 1,302 | | |
| | H40 | 16 | 3,202 | 1,710 | | | 2,345 | 1,252 | 0 | 0 | 2,345 | 1,252 | | |
| | H41 | 17 | 3,415 | 1,753 | | | 2,345 | 1,204 | 0 | 0 | 2,345 | 1,204 | | |
| | H42 | 18 | 3,629 | 1,791 | | | 2,345 | 1,158 | 0 | 0 | 2,345 | 1,158 | | |
| | H43 | 19 | 3,842 | 1,824 | | | 2,345 | 1,113 | 0 | 0 | 2,345 | 1,113 | | |
| | H44 | 20 | 4,056 | 1,851 | | | 2,345 | 1,070 | 0 | 0 | 2,345 | 1,070 | | |
| | H45 | 21 | 4,269 | 1,873 | | | 2,345 | 1,029 | 0 | 0 | 2,345 | 1,029 | | |
| | H46 | 22 | 4,483 | 1,891 | | | 2,345 | 990 | 0 | 0 | 2,345 | 990 | | |
| | H47 | 23 | 4,696 | 1,905 | | | 2,345 | 952 | 0 | 0 | 2,345 | 952 | | |
| | H48 | 24 | 4,910 | 1,915 | | | 2,345 | 915 | 0 | 0 | 2,345 | 915 | | |
| | H49 | 25 | 5,123 | 1,922 | | | 2,345 | 880 | 0 | 0 | 2,345 | 880 | | |
| | H50 | 26 | 5,336 | 1,925 | | | 2,345 | 846 | 0 | 0 | 2,345 | 846 | | |
| | H51 | 27 | 5,550 | 1,925 | | | 2,345 | 813 | 0 | 0 | 2,345 | 813 | | |
| 施設完成後の評価期間（50年） | H52 | 28 | 5,763 | 1,922 | | | | | 398 | 133 | 398 | 133 | | |
| | H53 | 29 | 5,763 | 1,848 | | | | | 398 | 128 | 398 | 128 | | |
| | H54 | 30 | 5,763 | 1,777 | | | | | 398 | 123 | 398 | 123 | | |
| | H55 | 31 | 5,763 | 1,709 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 5,763 | 1,643 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 5,763 | 1,580 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 5,763 | 1,519 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 5,763 | 1,461 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 5,763 | 1,405 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 5,763 | 1,350 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 5,763 | 1,298 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 5,763 | 1,249 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 5,763 | 1,200 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 5,763 | 1,154 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 5,763 | 1,110 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 5,763 | 1,067 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 5,763 | 1,026 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 5,763 | 987 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 5,763 | 949 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 5,763 | 912 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 5,763 | 877 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 5,763 | 843 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 5,763 | 811 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 5,763 | 780 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 5,763 | 750 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 5,763 | 721 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 5,763 | 693 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 5,763 | 667 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 5,763 | 641 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 5,763 | 616 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 5,763 | 593 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 5,763 | 570 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 5,763 | 548 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 5,763 | 527 | | | | | 398 | 36 | 398 | 36 | | |
| | H86 | 62 | 5,763 | 507 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 5,763 | 487 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 5,763 | 468 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 5,763 | 450 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 5,763 | 433 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 5,763 | 416 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 5,763 | 400 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 5,763 | 385 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 5,763 | 370 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 5,763 | 356 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 5,763 | 342 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 5,763 | 329 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 5,763 | 316 | | | | | 398 | 22 | 398 | 22 | | |
| | H99 | 75 | 5,763 | 304 | | | | | 398 | 21 | 398 | 21 | | |
| | H100 | 76 | 5,763 | 292 | | | | | 398 | 20 | 398 | 20 | | |
| | H101 | 77 | 5,763 | 281 | | | | | 398 | 19 | 398 | 19 | | |
| 合　計 | | | 363,087 | 80,109 | 44 | 80,153 | 63,320 | 38,297 | 19,920 | 2,968 | 83,240 | 41,265 | 1.94 | 38,889 |

様式－５　　費用対便益（全体事業　事業期間＋10%）　　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便益（B） | | | | 費用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値② | 計 ①＋② | 建設費③ | | 維持管理費④ | | 計③＋④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（30年） | H25 | 1 | 0 | 0 | | | 2,345 | 2,255 | 0 | 0 | 2,345 | 2,255 | | |
| | H26 | 2 | 192 | 178 | | | 2,345 | 2,168 | 0 | 0 | 2,345 | 2,168 | | |
| | H27 | 3 | 384 | 341 | | | 2,345 | 2,085 | 0 | 0 | 2,345 | 2,085 | | |
| | H28 | 4 | 576 | 493 | | | 2,345 | 2,005 | 0 | 0 | 2,345 | 2,005 | | |
| | H29 | 5 | 769 | 632 | | | 2,345 | 1,928 | 0 | 0 | 2,345 | 1,928 | | |
| | H30 | 6 | 961 | 759 | | | 2,345 | 1,854 | 0 | 0 | 2,345 | 1,854 | | |
| | H31 | 7 | 1,153 | 876 | | | 2,345 | 1,782 | 0 | 0 | 2,345 | 1,782 | | |
| | H32 | 8 | 1,345 | 983 | | | 2,345 | 1,714 | 0 | 0 | 2,345 | 1,714 | | |
| | H33 | 9 | 1,537 | 1,080 | | | 2,345 | 1,648 | 0 | 0 | 2,345 | 1,648 | | |
| | H34 | 10 | 1,729 | 1,168 | | | 2,345 | 1,584 | 0 | 0 | 2,345 | 1,584 | | |
| | H35 | 11 | 1,921 | 1,248 | | | 2,345 | 1,523 | 0 | 0 | 2,345 | 1,523 | | |
| | H36 | 12 | 2,113 | 1,320 | | | 2,345 | 1,465 | 0 | 0 | 2,345 | 1,465 | | |
| | H37 | 13 | 2,305 | 1,385 | | | 2,345 | 1,409 | 0 | 0 | 2,345 | 1,409 | | |
| | H38 | 14 | 2,497 | 1,442 | | | 2,345 | 1,354 | 0 | 0 | 2,345 | 1,354 | | |
| | H39 | 15 | 2,689 | 1,493 | | | 2,345 | 1,302 | 0 | 0 | 2,345 | 1,302 | | |
| | H40 | 16 | 2,882 | 1,539 | | | 2,345 | 1,252 | 0 | 0 | 2,345 | 1,252 | | |
| | H41 | 17 | 3,074 | 1,578 | | | 2,345 | 1,204 | 0 | 0 | 2,345 | 1,204 | | |
| | H42 | 18 | 3,266 | 1,612 | | | 2,345 | 1,158 | 0 | 0 | 2,345 | 1,158 | | |
| | H43 | 19 | 3,458 | 1,641 | | | 2,345 | 1,113 | 0 | 0 | 2,345 | 1,113 | | |
| | H44 | 20 | 3,650 | 1,666 | | | 2,345 | 1,070 | 0 | 0 | 2,345 | 1,070 | | |
| | H45 | 21 | 3,842 | 1,686 | | | 2,345 | 1,029 | 0 | 0 | 2,345 | 1,029 | | |
| | H46 | 22 | 4,034 | 1,702 | | | 2,345 | 990 | 0 | 0 | 2,345 | 990 | | |
| | H47 | 23 | 4,226 | 1,715 | | | 2,345 | 952 | 0 | 0 | 2,345 | 952 | | |
| | H48 | 24 | 4,418 | 1,724 | | | 2,345 | 915 | 0 | 0 | 2,345 | 915 | | |
| | H49 | 25 | 4,611 | 1,729 | | | 2,345 | 880 | 0 | 0 | 2,345 | 880 | | |
| | H50 | 26 | 4,803 | 1,732 | | | 2,345 | 846 | 0 | 0 | 2,345 | 846 | | |
| | H51 | 27 | 4,995 | 1,732 | | | 2,345 | 813 | 0 | 0 | 2,345 | 813 | | |
| | H52 | 28 | 5,187 | 1,730 | | | 2,345 | 782 | 0 | 0 | 2,345 | 782 | | |
| | H53 | 29 | 5,379 | 1,725 | | | 2,345 | 752 | 0 | 0 | 2,345 | 752 | | |
| | H54 | 30 | 5,571 | 1,718 | | | 2,345 | 723 | 0 | 0 | 2,345 | 723 | | |
| 施設完成後の評価期間（50年） | H55 | 31 | 5,763 | 1,709 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 5,763 | 1,643 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 5,763 | 1,580 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 5,763 | 1,519 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 5,763 | 1,461 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 5,763 | 1,405 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 5,763 | 1,350 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 5,763 | 1,298 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 5,763 | 1,249 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 5,763 | 1,200 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 5,763 | 1,154 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 5,763 | 1,110 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 5,763 | 1,067 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 5,763 | 1,026 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 5,763 | 987 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 5,763 | 949 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 5,763 | 912 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 5,763 | 877 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 5,763 | 843 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 5,763 | 811 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 5,763 | 780 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 5,763 | 750 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 5,763 | 721 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 5,763 | 693 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 5,763 | 667 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 5,763 | 641 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 5,763 | 616 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 5,763 | 593 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 5,763 | 570 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 5,763 | 548 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 5,763 | 527 | | | | | 398 | 36 | 398 | 36 | | |
| | H86 | 62 | 5,763 | 507 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 5,763 | 487 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 5,763 | 468 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 5,763 | 450 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 5,763 | 433 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 5,763 | 416 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 5,763 | 400 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 5,763 | 385 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 5,763 | 370 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 5,763 | 356 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 5,763 | 342 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 5,763 | 329 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 5,763 | 316 | | | | | 398 | 22 | 398 | 22 | | |
| | H99 | 75 | 5,763 | 304 | | | | | 398 | 21 | 398 | 21 | | |
| | H100 | 76 | 5,763 | 292 | | | | | 398 | 20 | 398 | 20 | | |
| | H101 | 77 | 5,763 | 281 | | | | | 398 | 19 | 398 | 19 | | |
| | H102 | 78 | 5,763 | 270 | | | | | 398 | 19 | 398 | 19 | | |
| | H103 | 79 | 5,763 | 260 | | | | | 398 | 18 | 398 | 18 | | |
| | H104 | 80 | 5,763 | 250 | | | | | 398 | 17 | 398 | 17 | | |
| 合　計 | | | 371,731 | 76,797 | 44 | 76,841 | 70,355 | 40,554 | 19,920 | 2,639 | 90,276 | 43,192 | 1.78 | 33,649 |

様式－５　　費用対便益（全体事業　事業期間－10%）　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便　益（B） | | | | 費　用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（24年） | H25 | 1 | 0 | 0 | | | 2,931 | 2,819 | 0 | 0 | 2,931 | 2,819 | | |
| | H26 | 2 | 240 | 222 | | | 2,931 | 2,710 | 0 | 0 | 2,931 | 2,710 | | |
| | H27 | 3 | 480 | 427 | | | 2,931 | 2,606 | 0 | 0 | 2,931 | 2,606 | | |
| | H28 | 4 | 720 | 616 | | | 2,931 | 2,506 | 0 | 0 | 2,931 | 2,506 | | |
| | H29 | 5 | 961 | 789 | | | 2,931 | 2,409 | 0 | 0 | 2,931 | 2,409 | | |
| | H30 | 6 | 1,201 | 949 | | | 2,931 | 2,317 | 0 | 0 | 2,931 | 2,317 | | |
| | H31 | 7 | 1,441 | 1,095 | | | 2,931 | 2,228 | 0 | 0 | 2,931 | 2,228 | | |
| | H32 | 8 | 1,681 | 1,228 | | | 2,931 | 2,142 | 0 | 0 | 2,931 | 2,142 | | |
| | H33 | 9 | 1,921 | 1,350 | | | 2,931 | 2,060 | 0 | 0 | 2,931 | 2,060 | | |
| | H34 | 10 | 2,161 | 1,460 | | | 2,931 | 1,980 | 0 | 0 | 2,931 | 1,980 | | |
| | H35 | 11 | 2,401 | 1,560 | | | 2,931 | 1,904 | 0 | 0 | 2,931 | 1,904 | | |
| | H36 | 12 | 2,641 | 1,650 | | | 2,931 | 1,831 | 0 | 0 | 2,931 | 1,831 | | |
| | H37 | 13 | 2,882 | 1,731 | | | 2,931 | 1,761 | 0 | 0 | 2,931 | 1,761 | | |
| | H38 | 14 | 3,122 | 1,803 | | | 2,931 | 1,693 | 0 | 0 | 2,931 | 1,693 | | |
| | H39 | 15 | 3,362 | 1,867 | | | 2,931 | 1,628 | 0 | 0 | 2,931 | 1,628 | | |
| | H40 | 16 | 3,602 | 1,923 | | | 2,931 | 1,565 | 0 | 0 | 2,931 | 1,565 | | |
| | H41 | 17 | 3,842 | 1,972 | | | 2,931 | 1,505 | 0 | 0 | 2,931 | 1,505 | | |
| | H42 | 18 | 4,082 | 2,015 | | | 2,931 | 1,447 | 0 | 0 | 2,931 | 1,447 | | |
| | H43 | 19 | 4,323 | 2,052 | | | 2,931 | 1,391 | 0 | 0 | 2,931 | 1,391 | | |
| | H44 | 20 | 4,562 | 2,082 | | | 2,931 | 1,338 | 0 | 0 | 2,931 | 1,338 | | |
| | H45 | 21 | 4,803 | 2,108 | | | 2,931 | 1,286 | 0 | 0 | 2,931 | 1,286 | | |
| | H46 | 22 | 5,043 | 2,128 | | | 2,931 | 1,237 | 0 | 0 | 2,931 | 1,237 | | |
| | H47 | 23 | 5,283 | 2,144 | | | 2,931 | 1,189 | 0 | 0 | 2,931 | 1,189 | | |
| | H48 | 24 | 5,523 | 2,155 | | | 2,931 | 1,144 | 0 | 0 | 2,931 | 1,144 | | |
| 施設完成後の評価期間（50年） | H49 | 25 | 5,763 | 2,162 | | | | | 398 | 150 | 398 | 150 | | |
| | H50 | 26 | 5,763 | 2,079 | | | | | 398 | 144 | 398 | 144 | | |
| | H51 | 27 | 5,763 | 1,999 | | | | | 398 | 138 | 398 | 138 | | |
| | H52 | 28 | 5,763 | 1,922 | | | | | 398 | 133 | 398 | 133 | | |
| | H53 | 29 | 5,763 | 1,848 | | | | | 398 | 128 | 398 | 128 | | |
| | H54 | 30 | 5,763 | 1,777 | | | | | 398 | 123 | 398 | 123 | | |
| | H55 | 31 | 5,763 | 1,709 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 5,763 | 1,643 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 5,763 | 1,580 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 5,763 | 1,519 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 5,763 | 1,461 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 5,763 | 1,405 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 5,763 | 1,350 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 5,763 | 1,298 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 5,763 | 1,249 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 5,763 | 1,200 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 5,763 | 1,154 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 5,763 | 1,110 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 5,763 | 1,067 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 5,763 | 1,026 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 5,763 | 987 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 5,763 | 949 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 5,763 | 912 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 5,763 | 877 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 5,763 | 843 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 5,763 | 811 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 5,763 | 780 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 5,763 | 750 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 5,763 | 721 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 5,763 | 693 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 5,763 | 667 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 5,763 | 641 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 5,763 | 616 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 5,763 | 593 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 5,763 | 570 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 5,763 | 548 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 5,763 | 527 | | | | | 398 | 36 | 398 | 36 | | |
| | H86 | 62 | 5,763 | 507 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 5,763 | 487 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 5,763 | 468 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 5,763 | 450 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 5,763 | 433 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 5,763 | 416 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 5,763 | 400 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 5,763 | 385 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 5,763 | 370 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 5,763 | 356 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 5,763 | 342 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 5,763 | 329 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 5,763 | 316 | | | | | 398 | 22 | 398 | 22 | | |
| 合　計 | | | 354,442 | 83,624 | 55 | 83,679 | 70,355 | 44,695 | 19,920 | 3,339 | 90,274 | 48,034 | 1.74 | 35,645 |

様式－５　　費用対便益（全体事業　資産＋10%）　　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便益（B） | | | | 費用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（27年） | H25 | 1 | 0 | 0 | | | 2,700 | 2,596 | 0 | 0 | 2,700 | 2,596 | | |
| | H26 | 2 | 240 | 222 | | | 2,700 | 2,496 | 0 | 0 | 2,700 | 2,496 | | |
| | H27 | 3 | 480 | 427 | | | 2,700 | 2,400 | 0 | 0 | 2,700 | 2,400 | | |
| | H28 | 4 | 720 | 616 | | | 2,700 | 2,308 | 0 | 0 | 2,700 | 2,308 | | |
| | H29 | 5 | 961 | 790 | | | 2,700 | 2,219 | 0 | 0 | 2,700 | 2,219 | | |
| | H30 | 6 | 1,201 | 949 | | | 2,700 | 2,134 | 0 | 0 | 2,700 | 2,134 | | |
| | H31 | 7 | 1,441 | 1,095 | | | 2,700 | 2,052 | 0 | 0 | 2,700 | 2,052 | | |
| | H32 | 8 | 1,681 | 1,228 | | | 2,700 | 1,973 | 0 | 0 | 2,700 | 1,973 | | |
| | H33 | 9 | 1,921 | 1,350 | | | 2,700 | 1,897 | 0 | 0 | 2,700 | 1,897 | | |
| | H34 | 10 | 2,161 | 1,460 | | | 2,700 | 1,824 | 0 | 0 | 2,700 | 1,824 | | |
| | H35 | 11 | 2,401 | 1,560 | | | 2,700 | 1,754 | 0 | 0 | 2,700 | 1,754 | | |
| | H36 | 12 | 2,641 | 1,650 | | | 2,700 | 1,686 | 0 | 0 | 2,700 | 1,686 | | |
| | H37 | 13 | 2,882 | 1,731 | | | 2,700 | 1,622 | 0 | 0 | 2,700 | 1,622 | | |
| | H38 | 14 | 3,122 | 1,803 | | | 2,700 | 1,559 | 0 | 0 | 2,700 | 1,559 | | |
| | H39 | 15 | 3,362 | 1,867 | | | 2,700 | 1,499 | 0 | 0 | 2,700 | 1,499 | | |
| | H40 | 16 | 3,602 | 1,923 | | | 2,700 | 1,442 | 0 | 0 | 2,700 | 1,442 | | |
| | H41 | 17 | 3,842 | 1,972 | | | 2,700 | 1,386 | 0 | 0 | 2,700 | 1,386 | | |
| | H42 | 18 | 4,082 | 2,015 | | | 2,700 | 1,333 | 0 | 0 | 2,700 | 1,333 | | |
| | H43 | 19 | 4,322 | 2,051 | | | 2,700 | 1,282 | 0 | 0 | 2,700 | 1,282 | | |
| | H44 | 20 | 4,562 | 2,082 | | | 2,700 | 1,232 | 0 | 0 | 2,700 | 1,232 | | |
| | H45 | 21 | 4,803 | 2,108 | | | 2,700 | 1,185 | 0 | 0 | 2,700 | 1,185 | | |
| | H46 | 22 | 5,043 | 2,128 | | | 2,700 | 1,139 | 0 | 0 | 2,700 | 1,139 | | |
| | H47 | 23 | 5,283 | 2,143 | | | 2,700 | 1,095 | 0 | 0 | 2,700 | 1,095 | | |
| | H48 | 24 | 5,523 | 2,155 | | | 2,700 | 1,053 | 0 | 0 | 2,700 | 1,053 | | |
| | H49 | 25 | 5,763 | 2,162 | | | 2,700 | 1,013 | 0 | 0 | 2,700 | 1,013 | | |
| | H50 | 26 | 6,003 | 2,165 | | | 2,700 | 974 | 0 | 0 | 2,700 | 974 | | |
| | H51 | 27 | 6,243 | 2,165 | | | 155 | 54 | 0 | 0 | 155 | 54 | | |
| 施設完成後の評価期間（50年） | H52 | 28 | 6,255 | 2,086 | | | | | 398 | 133 | 398 | 133 | | |
| | H53 | 29 | 6,255 | 2,006 | | | | | 398 | 128 | 398 | 128 | | |
| | H54 | 30 | 6,255 | 1,929 | | | | | 398 | 123 | 398 | 123 | | |
| | H55 | 31 | 6,255 | 1,854 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 6,255 | 1,783 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 6,255 | 1,714 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 6,255 | 1,649 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 6,255 | 1,585 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 6,255 | 1,524 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 6,255 | 1,466 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 6,255 | 1,409 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 6,255 | 1,355 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 6,255 | 1,303 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 6,255 | 1,253 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 6,255 | 1,205 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 6,255 | 1,158 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 6,255 | 1,114 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 6,255 | 1,071 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 6,255 | 1,030 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 6,255 | 990 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 6,255 | 952 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 6,255 | 915 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 6,255 | 880 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 6,255 | 846 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 6,255 | 814 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 6,255 | 783 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 6,255 | 752 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 6,255 | 724 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 6,255 | 696 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 6,255 | 669 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 6,255 | 643 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 6,255 | 618 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 6,255 | 595 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 6,255 | 572 | | | | | 398 | 36 | 398 | 36 | | |
| | H86 | 62 | 6,255 | 550 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 6,255 | 529 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 6,255 | 508 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 6,255 | 489 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 6,255 | 470 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 6,255 | 452 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 6,255 | 434 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 6,255 | 418 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 6,255 | 402 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 6,255 | 386 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 6,255 | 371 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 6,255 | 357 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 6,255 | 343 | | | | | 398 | 22 | 398 | 22 | | |
| | H99 | 75 | 6,255 | 330 | | | | | 398 | 21 | 398 | 21 | | |
| | H100 | 76 | 6,255 | 317 | | | | | 398 | 20 | 398 | 20 | | |
| | H101 | 77 | 6,255 | 305 | | | | | 398 | 19 | 398 | 19 | | |
| 合　計 | | | 397,033 | 88,416 | 49 | 88,465 | 70,355 | 43,207 | 19,920 | 2,968 | 90,275 | 46,175 | 1.92 | 42,290 |

様式－５　　費用対便益（全体事業　資産－10%）　　水系名：木曽川　河川名：木曽川　　単位：百万円

| 年次 | 年度 | t | 便益（B） | | | | 費用（C） | | | | | | 費用便益比 B／C | 純現在価値 B－C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 便益① | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 整備期間（27年） | H25 | 1 | 0 | 0 | | | 2,700 | 2,596 | 0 | 0 | 2,700 | 2,596 | | |
| | H26 | 2 | 202 | 187 | | | 2,700 | 2,496 | 0 | 0 | 2,700 | 2,496 | | |
| | H27 | 3 | 405 | 360 | | | 2,700 | 2,400 | 0 | 0 | 2,700 | 2,400 | | |
| | H28 | 4 | 607 | 519 | | | 2,700 | 2,308 | 0 | 0 | 2,700 | 2,308 | | |
| | H29 | 5 | 810 | 666 | | | 2,700 | 2,219 | 0 | 0 | 2,700 | 2,219 | | |
| | H30 | 6 | 1,012 | 800 | | | 2,700 | 2,134 | 0 | 0 | 2,700 | 2,134 | | |
| | H31 | 7 | 1,214 | 923 | | | 2,700 | 2,052 | 0 | 0 | 2,700 | 2,052 | | |
| | H32 | 8 | 1,417 | 1,035 | | | 2,700 | 1,973 | 0 | 0 | 2,700 | 1,973 | | |
| | H33 | 9 | 1,619 | 1,137 | | | 2,700 | 1,897 | 0 | 0 | 2,700 | 1,897 | | |
| | H34 | 10 | 1,821 | 1,231 | | | 2,700 | 1,824 | 0 | 0 | 2,700 | 1,824 | | |
| | H35 | 11 | 2,024 | 1,315 | | | 2,700 | 1,754 | 0 | 0 | 2,700 | 1,754 | | |
| | H36 | 12 | 2,226 | 1,390 | | | 2,700 | 1,686 | 0 | 0 | 2,700 | 1,686 | | |
| | H37 | 13 | 2,429 | 1,459 | | | 2,700 | 1,622 | 0 | 0 | 2,700 | 1,622 | | |
| | H38 | 14 | 2,631 | 1,519 | | | 2,700 | 1,559 | 0 | 0 | 2,700 | 1,559 | | |
| | H39 | 15 | 2,833 | 1,573 | | | 2,700 | 1,499 | 0 | 0 | 2,700 | 1,499 | | |
| | H40 | 16 | 3,036 | 1,621 | | | 2,700 | 1,442 | 0 | 0 | 2,700 | 1,442 | | |
| | H41 | 17 | 3,238 | 1,662 | | | 2,700 | 1,386 | 0 | 0 | 2,700 | 1,386 | | |
| | H42 | 18 | 3,440 | 1,698 | | | 2,700 | 1,333 | 0 | 0 | 2,700 | 1,333 | | |
| | H43 | 19 | 3,643 | 1,729 | | | 2,700 | 1,282 | 0 | 0 | 2,700 | 1,282 | | |
| | H44 | 20 | 3,845 | 1,755 | | | 2,700 | 1,232 | 0 | 0 | 2,700 | 1,232 | | |
| | H45 | 21 | 4,048 | 1,776 | | | 2,700 | 1,185 | 0 | 0 | 2,700 | 1,185 | | |
| | H46 | 22 | 4,250 | 1,793 | | | 2,700 | 1,139 | 0 | 0 | 2,700 | 1,139 | | |
| | H47 | 23 | 4,452 | 1,806 | | | 2,700 | 1,095 | 0 | 0 | 2,700 | 1,095 | | |
| | H48 | 24 | 4,655 | 1,816 | | | 2,700 | 1,053 | 0 | 0 | 2,700 | 1,053 | | |
| | H49 | 25 | 4,857 | 1,822 | | | 2,700 | 1,013 | 0 | 0 | 2,700 | 1,013 | | |
| | H50 | 26 | 5,059 | 1,825 | | | 2,700 | 974 | 0 | 0 | 2,700 | 974 | | |
| | H51 | 27 | 5,262 | 1,825 | | | 155 | 54 | 0 | 0 | 155 | 54 | | |
| 施設完成後の評価期間（50年） | H52 | 28 | 5,272 | 1,758 | | | | | 398 | 133 | 398 | 133 | | |
| | H53 | 29 | 5,272 | 1,690 | | | | | 398 | 128 | 398 | 128 | | |
| | H54 | 30 | 5,272 | 1,625 | | | | | 398 | 123 | 398 | 123 | | |
| | H55 | 31 | 5,272 | 1,563 | | | | | 398 | 118 | 398 | 118 | | |
| | H56 | 32 | 5,272 | 1,503 | | | | | 398 | 114 | 398 | 114 | | |
| | H57 | 33 | 5,272 | 1,445 | | | | | 398 | 109 | 398 | 109 | | |
| | H58 | 34 | 5,272 | 1,389 | | | | | 398 | 105 | 398 | 105 | | |
| | H59 | 35 | 5,272 | 1,336 | | | | | 398 | 101 | 398 | 101 | | |
| | H60 | 36 | 5,272 | 1,285 | | | | | 398 | 97 | 398 | 97 | | |
| | H61 | 37 | 5,272 | 1,235 | | | | | 398 | 93 | 398 | 93 | | |
| | H62 | 38 | 5,272 | 1,188 | | | | | 398 | 90 | 398 | 90 | | |
| | H63 | 39 | 5,272 | 1,142 | | | | | 398 | 86 | 398 | 86 | | |
| | H64 | 40 | 5,272 | 1,098 | | | | | 398 | 83 | 398 | 83 | | |
| | H65 | 41 | 5,272 | 1,056 | | | | | 398 | 80 | 398 | 80 | | |
| | H66 | 42 | 5,272 | 1,015 | | | | | 398 | 77 | 398 | 77 | | |
| | H67 | 43 | 5,272 | 976 | | | | | 398 | 74 | 398 | 74 | | |
| | H68 | 44 | 5,272 | 939 | | | | | 398 | 71 | 398 | 71 | | |
| | H69 | 45 | 5,272 | 902 | | | | | 398 | 68 | 398 | 68 | | |
| | H70 | 46 | 5,272 | 868 | | | | | 398 | 66 | 398 | 66 | | |
| | H71 | 47 | 5,272 | 834 | | | | | 398 | 63 | 398 | 63 | | |
| | H72 | 48 | 5,272 | 802 | | | | | 398 | 61 | 398 | 61 | | |
| | H73 | 49 | 5,272 | 772 | | | | | 398 | 58 | 398 | 58 | | |
| | H74 | 50 | 5,272 | 742 | | | | | 398 | 56 | 398 | 56 | | |
| | H75 | 51 | 5,272 | 713 | | | | | 398 | 54 | 398 | 54 | | |
| | H76 | 52 | 5,272 | 686 | | | | | 398 | 52 | 398 | 52 | | |
| | H77 | 53 | 5,272 | 660 | | | | | 398 | 50 | 398 | 50 | | |
| | H78 | 54 | 5,272 | 634 | | | | | 398 | 48 | 398 | 48 | | |
| | H79 | 55 | 5,272 | 610 | | | | | 398 | 46 | 398 | 46 | | |
| | H80 | 56 | 5,272 | 586 | | | | | 398 | 44 | 398 | 44 | | |
| | H81 | 57 | 5,272 | 564 | | | | | 398 | 43 | 398 | 43 | | |
| | H82 | 58 | 5,272 | 542 | | | | | 398 | 41 | 398 | 41 | | |
| | H83 | 59 | 5,272 | 521 | | | | | 398 | 39 | 398 | 39 | | |
| | H84 | 60 | 5,272 | 501 | | | | | 398 | 38 | 398 | 38 | | |
| | H85 | 61 | 5,272 | 482 | | | | | 398 | 36 | 398 | 36 | | |
| | H86 | 62 | 5,272 | 463 | | | | | 398 | 35 | 398 | 35 | | |
| | H87 | 63 | 5,272 | 446 | | | | | 398 | 34 | 398 | 34 | | |
| | H88 | 64 | 5,272 | 428 | | | | | 398 | 32 | 398 | 32 | | |
| | H89 | 65 | 5,272 | 412 | | | | | 398 | 31 | 398 | 31 | | |
| | H90 | 66 | 5,272 | 396 | | | | | 398 | 30 | 398 | 30 | | |
| | H91 | 67 | 5,272 | 381 | | | | | 398 | 29 | 398 | 29 | | |
| | H92 | 68 | 5,272 | 366 | | | | | 398 | 28 | 398 | 28 | | |
| | H93 | 69 | 5,272 | 352 | | | | | 398 | 27 | 398 | 27 | | |
| | H94 | 70 | 5,272 | 339 | | | | | 398 | 26 | 398 | 26 | | |
| | H95 | 71 | 5,272 | 326 | | | | | 398 | 25 | 398 | 25 | | |
| | H96 | 72 | 5,272 | 313 | | | | | 398 | 24 | 398 | 24 | | |
| | H97 | 73 | 5,272 | 301 | | | | | 398 | 23 | 398 | 23 | | |
| | H98 | 74 | 5,272 | 290 | | | | | 398 | 22 | 398 | 22 | | |
| | H99 | 75 | 5,272 | 278 | | | | | 398 | 21 | 398 | 21 | | |
| | H100 | 76 | 5,272 | 268 | | | | | 398 | 20 | 398 | 20 | | |
| | H101 | 77 | 5,272 | 257 | | | | | 398 | 19 | 398 | 19 | | |
| 合　計 | | | 334,614 | 74,517 | 49 | 74,566 | 70,355 | 43,207 | 19,920 | 2,968 | 90,275 | 46,175 | 1.61 | 28,391 |

# 事業費の内訳書

## 砂防事業

| 事業名 | 木曽川水系直轄砂防事業　（全体事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 41,510 | |
| | 本工事費 | | 式 | 1 | 41,510 | |
| | | 砂防堰堤 | 基 | 83 | 33,074 | |
| | | 渓流保全工 | 箇所 | 1 | 336 | |
| | | 遊砂地工 | 箇所 | 3 | 8,100 | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | 式 | 1 | 1,650 | |
| | 用地費 | | 式 | 1 | 930 | |
| | 補償費 | | 式 | 1 | 720 | |
| 間接経費 | | | 式 | 1 | 18,609 | |
| 工事諸費 | | | 式 | 1 | 8,586 | |
| 事業費　計 | | | 式 | 1 | 70,355 | |

| | | | | | |
|---|---|---|---|---|---|
| 維持管理費 | 式 | 1 | 19,920 | |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

※2 「工種」については、河川砂防技術基準の工種に準拠して記載すること。

※3 「金額」については、治水経済調査マニュアル(案)に準拠して記載すること。

※4 上記によらないものについては、過去の類似の実績等に基づき記載すること。

※5 備考欄に、一式計上している工種の内容等を記載すること。

# 事業費の内訳書

## 砂防事業

| 事業名 | 木曽川水系直轄砂防事業　（残事業費） |
|---|---|

※（　）欄に残事業費、全体事業費の別を記入すること。

| 評価年度 | H24 | 再評価 |
|---|---|---|

※ 評価の種類(新規事業採択時評価、再評価、完了後の事後評価)の別を記入すること。

| 区分 | 費目 | 工種 | 単位 | 数量 | 金額（百万円） | 備考 |
|---|---|---|---|---|---|---|
| 工事費 | | | 式 | 1 | 41,510 | |
| | 本工事費 | | 式 | 1 | 41,510 | |
| | | 砂防堰堤 | 基 | 83 | 33,074 | |
| | | 渓流保全工 | 箇所 | 1 | 336 | |
| | | 遊砂地工 | 箇所 | 3 | 8,100 | |
| | | | | | | |
| | | | | | | |
| 用地費及補償費 | | | 式 | 1 | 1,650 | |
| | 用地費 | | 式 | 1 | 930 | |
| | 補償費 | | 式 | 1 | 720 | |
| 間接経費 | | | 式 | 1 | 18,609 | |
| 工事諸費 | | | 式 | 1 | 8,586 | |
| 事業費　計 | | | 式 | 1 | 70,355 | |

| | | | | | |
|---|---|---|---|---|---|
| 維持管理費 | 式 | 1 | 19,920 | |

※1 事業費については、事業の執行状況を踏まえて再評価ごとに適宜見直すこと。

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