

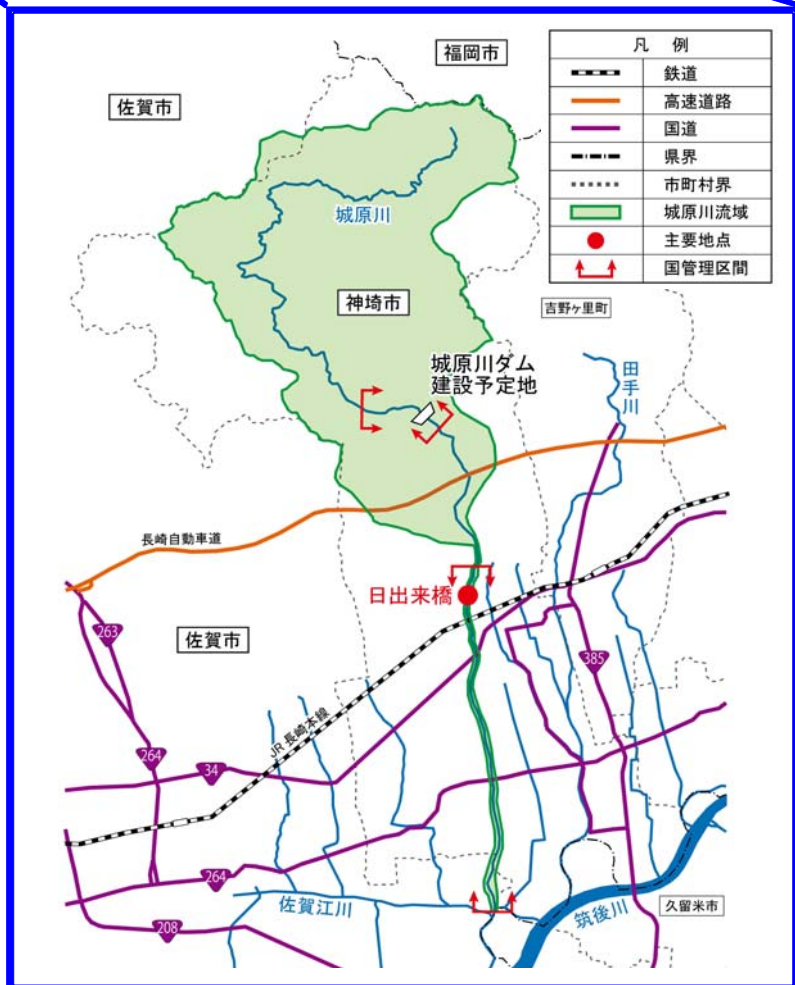
卷末資料

城原川ダム事業の検証に係る検討

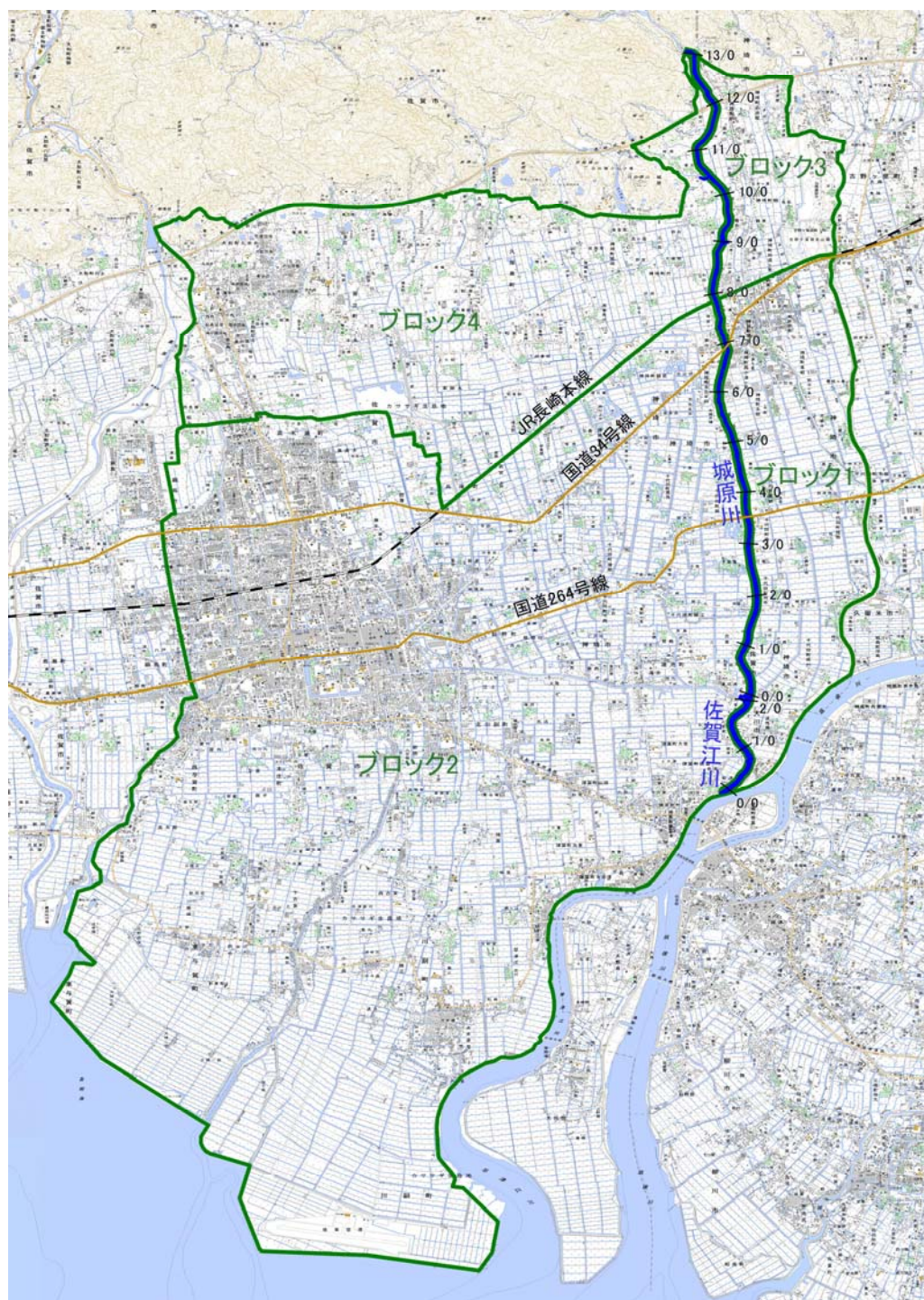
「費用便益比算定」

参考資料

じょう ばる がわ 城原川ダム事業位置図



様式-1 氾濫ブロック分割図



| 水系名 | ブロック No. | 対象範囲 | | | 備考 |
|-----|----------|------|----------------|---------------|----|
| | | 河川名 | 左右岸の別 | 区間 (km) | |
| 城原川 | ① | 佐賀江川 | 左岸 | 0/000 ~ 2/000 | |
| | | 城原川 | 左岸 | 0/000 ~ 7/800 | |
| | ② | 佐賀江川 | 右岸 | 0/000 ~ 2/000 | |
| | | 城原川 | 右岸 | 0/000 ~ 7/800 | |
| ③ | 城原川 | 左岸 | 8/000 ~ 13/200 | | |
| ④ | 城原川 | 右岸 | 8/000 ~ 13/200 | | |

様式-2 資産データ

水系名：筑後川 河川名：城原川 国勢調査年：H22年 事業所統計調査：H21年

| 河川 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 |
|------------|------------|-----------|--------|-------------|-----------------|------------------|------------------|-------------|-----------|-----------|---------|-------------|-------|-------|--------|-----|--------|-------------|--|--|--------------|
| | | 人口 (人) | 世帯数 | 従業者数 (人) | 農漁 家数 (戸) | 延床 面積 (千㎡) | 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 | | 水稲 | 畑作物 | 小計 | | | | |
| | | | | | | | | | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | |
| 1 | 1,831 | 16,350 | 5,356 | 5,193 | 359 | 879 | 1,451 | 10 | 145,311 | 69,113 | 12,552 | 7,258 | 562 | 167 | 1,269 | 4 | 1,273 | 236,236 | | | |
| 2 | 12,344 | 179,410 | 70,920 | 96,759 | 2,284 | 9,371 | 7,849 | 126 | 1,528,716 | 901,970 | 286,722 | 110,531 | 3,561 | 1,053 | 6,433 | 64 | 6,497 | 2,839,050 | | | |
| 3 | 781 | 6,163 | 1,961 | 2,682 | 70 | 271 | 427 | 22 | 40,145 | 23,496 | 6,561 | 4,667 | 110 | 33 | 359 | 3 | 362 | 75,374 | | | |
| 4 | 3,531 | 30,088 | 9,772 | 15,549 | 418 | 1,252 | 2,030 | 348 | 197,575 | 120,382 | 38,664 | 26,017 | 654 | 194 | 2,503 | 134 | 2,637 | 386,123 | | | |
| 合計 | 18,487 | 232,011 | 88,009 | 120,183 | 3,131 | 11,773 | 11,757 | 506 | 1,911,747 | 1,114,961 | 344,499 | 148,473 | 4,887 | 1,447 | 10,564 | 205 | 10,769 | 3,536,783 | | | |

※資産額は以下のマニュアル及びデフレータを用いて整理

「治水経済調査マニュアル(案) 平成17年4月 国土交通省河川局

「治水経済調査マニュアル(案) 各種資産単価及びデフレータ 平成28年3月 国土交通省水管理・国土保全局河川計画課

様式-3 被害額（事業実施前）

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/20 | | | | (単位：百万円) | | | | | |
|--------|----|---------|----|-------|----|---------|--------|-----|----|-------------|--------|--------------|-------|----------|---------------|----------|----|----|----|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 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 |

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/30 | | | | (単位：百万円) | | | | | |
|--------|--------|---------|-------|-------|----|---------|--------|-----|----|-------------|--------|--------------|-------|----------|---------------|----------|----|-------|--------|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 6,881 | 4,884 | 4,347 | 1,729 | 40 | 15 | 17,896 | 270 | 1 | 271 | 30,317 | 1,334 | 261 | 471 | 732 | 848 | 0 | 2,914 | 51,398 |
| 2 | 4,068 | 3,373 | 1,926 | 807 | 44 | 16 | 10,234 | 254 | 1 | 255 | 17,338 | 679 | 178 | 331 | 509 | 374 | 0 | 1,562 | 29,389 |
| 3 | 77 | 21 | 13 | 5 | 0 | 0 | 116 | 10 | 0 | 10 | 197 | 11 | 3 | 6 | 9 | 5 | 0 | 25 | 348 |
| 4 | 65 | 9 | 21 | 12 | 0 | 0 | 107 | 6 | 0 | 6 | 180 | 5 | 1 | 3 | 4 | 3 | 0 | 12 | 305 |
| 合計 | 11,091 | 8,287 | 6,307 | 2,553 | 84 | 31 | 28,353 | 540 | 2 | 542 | 48,032 | 2,029 | 443 | 811 | 1,254 | 1,230 | 0 | 4,513 | 81,440 |

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/40 | | | | (単位：百万円) | | | | | |
|--------|--------|---------|-------|-------|-----|---------|--------|-----|----|-------------|--------|--------------|-------|----------|---------------|----------|----|-------|---------|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 10,349 | 8,951 | 5,869 | 2,382 | 67 | 27 | 26,745 | 339 | 1 | 340 | 45,306 | 1,687 | 366 | 634 | 1,000 | 1,155 | 0 | 3,842 | 76,233 |
| 2 | 7,172 | 5,407 | 3,955 | 1,329 | 63 | 23 | 17,949 | 302 | 1 | 303 | 30,406 | 1,509 | 294 | 547 | 841 | 694 | 0 | 3,044 | 51,702 |
| 3 | 77 | 22 | 13 | 5 | 0 | 0 | 117 | 10 | 0 | 10 | 199 | 11 | 3 | 6 | 9 | 5 | 0 | 25 | 351 |
| 4 | 269 | 70 | 34 | 17 | 0 | 0 | 390 | 10 | 1 | 11 | 660 | 12 | 6 | 12 | 18 | 9 | 0 | 39 | 1,100 |
| 合計 | 17,867 | 13,550 | 9,871 | 3,733 | 130 | 50 | 45,201 | 661 | 3 | 664 | 76,571 | 3,219 | 669 | 1,199 | 1,868 | 1,863 | 0 | 6,950 | 129,386 |

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/50 | | | | (単位：百万円) | | | | | |
|--------|--------|---------|--------|-------|-----|---------|--------|-----|----|-------------|--------|--------------|-------|----------|---------------|----------|----|-------|---------|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 11,354 | 8,923 | 6,317 | 2,619 | 72 | 30 | 29,315 | 349 | 1 | 350 | 49,658 | 1,761 | 395 | 660 | 1,055 | 1,263 | 0 | 4,079 | 83,402 |
| 2 | 7,905 | 6,164 | 4,389 | 1,471 | 69 | 26 | 20,024 | 322 | 1 | 323 | 33,920 | 1,726 | 330 | 613 | 943 | 830 | 0 | 3,499 | 57,766 |
| 3 | 199 | 52 | 14 | 5 | 0 | 0 | 270 | 11 | 0 | 11 | 459 | 11 | 4 | 8 | 12 | 6 | 0 | 29 | 769 |
| 4 | 281 | 89 | 56 | 25 | 0 | 0 | 451 | 14 | 1 | 15 | 765 | 21 | 7 | 13 | 20 | 14 | 0 | 55 | 1,286 |
| 合計 | 19,739 | 15,228 | 10,776 | 4,120 | 141 | 56 | 50,060 | 696 | 3 | 699 | 84,802 | 3,519 | 736 | 1,294 | 2,030 | 2,113 | 0 | 7,662 | 143,223 |

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/80 | | | | (単位：百万円) | | | | | |
|--------|--------|---------|--------|-------|-----|---------|--------|-----|----|-------------|---------|--------------|-------|----------|---------------|----------|----|-------|---------|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 12,746 | 10,971 | 7,200 | 3,058 | 84 | 35 | 34,094 | 363 | 1 | 364 | 57,756 | 1,914 | 452 | 728 | 1,180 | 1,472 | 0 | 4,566 | 96,780 |
| 2 | 10,746 | 8,126 | 5,981 | 1,887 | 81 | 31 | 26,852 | 392 | 1 | 393 | 45,488 | 2,303 | 457 | 846 | 1,303 | 1,041 | 0 | 4,647 | 77,380 |
| 3 | 199 | 52 | 14 | 5 | 0 | 0 | 270 | 11 | 0 | 11 | 459 | 11 | 4 | 8 | 12 | 6 | 0 | 29 | 769 |
| 4 | 401 | 143 | 125 | 53 | 1 | 0 | 723 | 28 | 1 | 29 | 1,226 | 49 | 12 | 22 | 34 | 24 | 0 | 107 | 2,085 |
| 合計 | 24,092 | 19,292 | 13,320 | 5,003 | 166 | 66 | 61,939 | 794 | 3 | 797 | 104,929 | 4,277 | 925 | 1,604 | 2,529 | 2,543 | 0 | 9,349 | 177,014 |

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/100 | | | | (単位：百万円) | | | | | |
|--------|--------|---------|--------|-------|-----|---------|--------|-----|----|--------------|---------|--------------|-------|----------|---------------|----------|----|-------|---------|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 13,241 | 11,695 | 7,695 | 3,369 | 90 | 38 | 36,128 | 369 | 1 | 370 | 61,200 | 1,997 | 475 | 751 | 1,226 | 1,603 | 0 | 4,826 | 102,524 |
| 2 | 11,109 | 8,348 | 6,225 | 2,030 | 86 | 33 | 27,831 | 419 | 1 | 420 | 47,146 | 2,406 | 472 | 873 | 1,345 | 1,096 | 0 | 4,847 | 80,244 |
| 3 | 251 | 61 | 14 | 5 | 0 | 0 | 331 | 11 | 0 | 11 | 561 | 11 | 6 | 11 | 17 | 6 | 0 | 34 | 937 |
| 4 | 416 | 151 | 197 | 86 | 3 | 1 | 854 | 32 | 1 | 33 | 1,448 | 78 | 12 | 23 | 35 | 39 | 0 | 152 | 2,487 |
| 合計 | 25,017 | 20,255 | 14,131 | 5,490 | 179 | 72 | 65,144 | 831 | 3 | 834 | 110,355 | 4,492 | 965 | 1,658 | 2,623 | 2,744 | 0 | 9,859 | 186,192 |

| | | 水系名：筑後川 | | | | 河川名：城原川 | | | | 流量規模：W=1/150 | | | | (単位：百万円) | | | | | |
|--------|--------|---------|--------|-------|-----|---------|--------|-----|----|--------------|---------|--------------|-------|----------|---------------|----------|----|--------|---------|
| 氾濫ブロック | 家屋 | 一般資産被害額 | | 農漁家資産 | | 小計 | 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 |
| | | 事業所資産 | | 農漁家資産 | | | 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 | | | | | | | | | | | | | | |
| 1 | 14,483 | 12,989 | 8,502 | 3,769 | 96 | 42 | 39,881 | 388 | 1 | 389 | 67,556 | 2,111 | 518 | 791 | 1,309 | 1,734 | 0 | 5,154 | 112,980 |
| 2 | 12,740 | 9,766 | 7,675 | 2,512 | 105 | 40 | 32,838 | 495 | 1 | 496 | 55,627 | 2,874 | 546 | 1,004 | 1,550 | 1,258 | 0 | 5,682 | 94,643 |
| 3 | 300 | 91 | 17 | 6 | 0 | 0 | 414 | 12 | 0 | 12 | 703 | 13 | 7 | 12 | 19 | 7 | 0 | 39 | 1,168 |
| 4 | 496 | 206 | 339 | 142 | 4 | 1 | 1,188 | 38 | 1 | 39 | 2,013 | 150 | 14 | 24 | 38 | 47 | 0 | 235 | 3,475 |
| 合計 | 28,019 | 23,052 | 16,533 | 6,429 | 205 | 83 | 74,321 | 933 | 3 | 936 | 125,899 | 5,148 | 1,085 | 1,831 | 2,916 | 3,046 | 0 | 11,110 | 212,266 |

様式-4 年平均被害軽減期待額

水系名:筑後川 河川名:城原川

| 流量 規模 | 超過確率 | 被害額(百万円) | | | 区間平均 被害額 ④ (百万円) | 区間確率 ⑤ | 年平均 被害額 ④×⑤ (百万円) | 年平均被害額の累 計=年平均被害 軽減期待額 (百万円) | 備考 |
|----------|--------|---------------------|----------------------------------|----------------|---------------------------|-----------|----------------------------|---------------------------------------|----|
| | | 事業を実施 しない場合 ① | 事業を実施 した場合 ^{※1} ② | 被害軽減額 ③=①-② | | | | | |
| 1/20 | 0.0500 | — | — | — | — | — | — | — | |
| 1/30 | 0.0333 | 81,440 | 0 | 81,440 | 40,720 | 0.0167 | 680 | 680 | |
| 1/40 | 0.0250 | 129,386 | 0 | 129,386 | 105,413 | 0.0083 | 875 | 1,555 | |
| 1/50 | 0.0200 | 143,223 | 0 | 143,223 | 136,305 | 0.0050 | 682 | 2,237 | |
| 1/80 | 0.0125 | 177,014 | 0 | 177,014 | 160,119 | 0.0075 | 1,201 | 3,438 | |
| 1/100 | 0.0100 | 186,192 | 0 | 186,192 | 181,603 | 0.0025 | 454 | 3,892 | |
| 1/150 | 0.0067 | 212,266 | 0 | 212,266 | 199,229 | 0.0033 | 657 | 4,549 | |

様式-5 費用対効果算定結果(全体事業)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|----|-----|-----|-----------|-------------------|-------------|-------|--------|------|-----------|-------------|-------|------|--------|-------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.186 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.998 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.998 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.994 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| | H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | |
| | H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | |
| | H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | |
| | H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | |
| | H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | |
| | H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | |
| | H21 | -7 | 1.316 | 1.047 | | | | | | 249 | 343 | 0 | 0 | 249 | 343 | | | |
| | H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | |
| | H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | |
| | H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | |
| | H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | |
| | H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | |
| | H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 744 | 715 | 0 | 0 | 744 | 715 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 854 | 790 | 0 | 0 | 854 | 790 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 960 | 853 | 0 | 0 | 960 | 853 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 5,922 | 5,062 | 0 | 0 | 5,922 | 5,062 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 4,052 | 3,330 | 0 | 0 | 4,052 | 3,330 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 2,834 | 2,240 | 0 | 0 | 2,834 | 2,240 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 3,622 | 2,752 | 0 | 0 | 3,622 | 2,752 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 4,209 | 3,075 | 0 | 0 | 4,209 | 3,075 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 1,932 | 1,357 | 0 | 0 | 1,932 | 1,357 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 3,361 | 2,271 | 0 | 0 | 3,361 | 2,271 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 5,841 | 3,794 | 0 | 0 | 5,841 | 3,794 | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | | 5,815 | 3,632 | 0 | 0 | 5,815 | 3,632 | | | |
| | H41 | 13 | 0.601 | 1.000 | | | | | | 1,310 | 787 | 0 | 0 | 1,310 | 787 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | </ | | | | | | | |

様式-5 費用対効果算定結果(残事業)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--|-----|-------|-----------|-------------------|-------------|--------|--------|------|-----------|-------------|--------|--------|--------|-------|------------------|---------------------------|--------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備 期間 (13 年間) | H28 | 0 | 1.000 | 1.000 | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 744 | 715 | 0 | 0 | 744 | 715 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 854 | 790 | 0 | 0 | 854 | 790 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 960 | 853 | 0 | 0 | 960 | 853 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 5,922 | 5,062 | 0 | 0 | 5,922 | 5,062 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 4,052 | 3,330 | 0 | 0 | 4,052 | 3,330 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 2,834 | 2,240 | 0 | 0 | 2,834 | 2,240 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 3,622 | 2,752 | 0 | 0 | 3,622 | 2,752 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 4,209 | 3,075 | 0 | 0 | 4,209 | 3,075 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 1,932 | 1,357 | 0 | 0 | 1,932 | 1,357 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 3,361 | 2,271 | 0 | 0 | 3,361 | 2,271 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 5,841 | 3,794 | 0 | 0 | 5,841 | 3,794 | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | | 5,815 | 3,632 | 0 | 0 | 5,815 | 3,632 | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | | 1,310 | 787 | 0 | 0 | 1,310 | 787 | | | | |
| 施設 完成 後の 評価 期間 (50 年間) | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,109 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | |
| H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | | |
| H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | | 163 | 25 | 163 | 25 | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | | 163 | 24 | 163 | 24 | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | | 163 | 23 | 163 | 23 | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | | 163 | 22 | 163 | 22 | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,549 | 592 | | | | | | 163 | 21 | 163 | 21 | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,549 | 569 | | | | | | 163 | 20 | 163 | 20 | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,549 | 547 | | | | | | 163 | 20 | 163 | 20 | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,549 | 526 | | | | | | 163 | 19 | 163 | 19 | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,549 | 506 | | | | | | 163 | 18 | 163 | 18 | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,549 | 486 | | | | | | 163 | 17 | 163 | 17 | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,549 | 468 | | | | | | 163 | 17 | 163 | 17 | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,549 | 450 | | | | | | 163 | 16 | 163 | 16 | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,549 | 432 | | | | | | 163 | 15 | 163 | 15 | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,549 | 416 | | | | | | 163 | 15 | 163 | 15 | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,549 | 400 | | | | | | 163 | 14 | 163 | 14 | | | | |
| H91 | 63 | 0.085 | 1.000 | 4,549 | 384 | | | | | | 163 | 14 | 163 | 14 | | | | |
| 合計 | | | | | 227,450 | 58,691 | | | 947 | 59,638 | 41,456 | 30,658 | 8,150 | 2,102 | 49,606 | 32,760 | | |
| ダム費用の内、河川分 | | | | | 227,450 | 58,691 | | | 947 | 59,638 | | 30,658 | | 2,102 | | 32,760 | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | 59,638 | | | | | | 32,760 | 1.8 | 26,878 | |

様式-5 費用対便益(全体事業:残事業費+10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|----|-----|-----|-----------|-------------------|-------------|-------|--------|------|-----------|-------------|-------|------|--------|-------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.186 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.998 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.998 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.994 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| | H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | |
| | H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | |
| | H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | |
| | H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | |
| | H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | |
| | H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | |
| | H21 | -7 | 1.316 | 1.047 | | | | | | 249 | 343 | 0 | 0 | 249 | 343 | | | |
| | H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | |
| | H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | |
| | H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | |
| | H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | |
| | H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | |
| | H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 818 | 787 | 0 | 0 | 818 | 787 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 939 | 868 | 0 | 0 | 939 | 868 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 1,056 | 939 | 0 | 0 | 1,056 | 939 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 6,514 | 5,568 | 0 | 0 | 6,514 | 5,568 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 4,457 | 3,663 | 0 | 0 | 4,457 | 3,663 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 3,117 | 2,463 | 0 | 0 | 3,117 | 2,463 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 3,984 | 3,028 | 0 | 0 | 3,984 | 3,028 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 4,630 | 3,383 | 0 | 0 | 4,630 | 3,383 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 2,125 | 1,493 | 0 | 0 | 2,125 | 1,493 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 3,697 | 2,498 | 0 | 0 | 3,697 | 2,498 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 6,425 | 4,174 | 0 | 0 | 6,425 | 4,174 | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | | 6,397 | 3,996 | 0 | 0 | 6,397 | 3,996 | | | |
| | H41 | 13 | 0.601 | 1.000 | | | | | | 1,441 | 865 | 0 | 0 | 1,441 | 865 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | | 163 | 25 | 163 | 25 | | | |
| | H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | | 163 | 24 | 163 | 24 | | | |
| | H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | | 163 | 23 | 163 | 23 | | | |
| | H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | | 163 | 22 | | | | | |

様式-5 費用対便益(全体事業:残事業費-10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | 費用(C) [百万円] | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | | | |
|----|-----|-----|-----------|-------------------|-------------|-------|--------|------|-------------|------------|-------|------|------------------|---------------------------|--------|------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | | | 維持管理費④ | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.186 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.998 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.998 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.994 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| | H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | |
| | H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | |
| | H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | |
| | H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | |
| | H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | |
| | H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | |
| | H21 | -7 | 1.316 | 1.047 | | | | | | 249 | 343 | 0 | 0 | 249 | 343 | | | |
| | H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | |
| | H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | |
| | H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | |
| | H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | |
| | H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | |
| | H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 670 | 644 | 0 | 0 | 670 | 644 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 769 | 711 | 0 | 0 | 769 | 711 | | | |
| | H31 | 3 | 0.889 | 1.000 | 4,549 | 2,627 | | | | 864 | 768 | 0 | 0 | 864 | 768 | | | |
| | H32 | 4 | 0.855 | 1.000 | 4,549 | 2,526 | | | | 5,300 | 4,556 | 0 | 0 | 5,300 | 4,556 | | | |
| | H33 | 5 | 0.822 | 1.000 | 4,549 | 2,429 | | | | 3,647 | 2,998 | 0 | 0 | 3,647 | 2,998 | | | |
| | H34 | 6 | 0.790 | 1.000 | 4,549 | 2,335 | | | | 2,551 | 2,016 | 0 | 0 | 2,551 | 2,016 | | | |
| | H35 | 7 | 0.760 | 1.000 | 4,549 | 2,246 | | | | 3,280 | 2,477 | 0 | 0 | 3,280 | 2,477 | | | |
| | H36 | 8 | 0.731 | 1.000 | 4,549 | 2,159 | | | | 3,788 | 2,768 | 0 | 0 | 3,788 | 2,768 | | | |
| | H37 | 9 | 0.703 | 1.000 | 4,549 | 2,076 | | | | 1,739 | 1,222 | 0 | 0 | 1,739 | 1,222 | | | |
| | H38 | 10 | 0.676 | 1.000 | 4,549 | 1,996 | | | | 3,025 | 2,044 | 0 | 0 | 3,025 | 2,044 | | | |
| | H39 | 11 | 0.650 | 1.000 | 4,549 | 1,919 | | | | 5,257 | 3,415 | 0 | 0 | 5,257 | 3,415 | | | |
| | H40 | 12 | 0.625 | 1.000 | 4,549 | 1,846 | | | | 5,234 | 3,269 | 0 | 0 | 5,234 | 3,269 | | | |
| | H41 | 13 | 0.601 | 1.000 | 4,549 | 1,775 | | | | 1,179 | 708 | 0 | 0 | 1,179 | 708 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,549 | 1,705 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 1,634 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 1,564 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 1,494 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 1,424 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 1,354 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 1,284 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,214 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,144 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,074 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,004 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 934 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 864 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 794 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 724 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 654 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 584 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 514 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 444 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 374 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 304 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 234 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 164 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 94 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 24 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | -46 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | -116 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | -186 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | -256 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | -326 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | -396 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | -466 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | -536 | | | | | | 163 | 27 | 163 | 27 | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,549 | -606 | | | | | | 163 | 26 | 163 | 2 | | | |

様式-5 費用対便益(全体事業:残工期+10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター | 便益(B) [百万円] | | | | 費用(C) [百万円] | | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|----------------|-----|-------|-----------|------------|-------------|------|--------|------|-------------|------------|------|------|--------|-------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備期間 (50年間) | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.188 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.998 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.998 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.984 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | | |
| H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | | |
| H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | | |
| H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | | |
| H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | | |
| H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | | |
| H21 | -7 | 1.316 | 1.047 | | | | | | 147 | 207 | 0 | 0 | 147 | 207 | | | | |
| H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | | |
| H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | | |
| H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | | |
| H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | | |
| H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | | |
| H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | | |
| H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | | |
| H29 | 1 | 0.962 | 1.000 | | | | | | 691 | 664 | 0 | 0 | 691 | 664 | | | | |
| H30 | 2 | 0.925 | 1.000 | | | | | | 785 | 726 | 0 | 0 | 785 | 726 | | | | |
| H31 | 3 | 0.889 | 1.000 | | | | | | 876 | 779 | 0 | 0 | 876 | 779 | | | | |
| H32 | 4 | 0.855 | 1.000 | | | | | | 4,436 | 3,792 | 0 | 0 | 4,436 | 3,792 | | | | |
| H33 | 5 | 0.822 | 1.000 | | | | | | 4,297 | 3,532 | 0 | 0 | 4,297 | 3,532 | | | | |
| H34 | 6 | 0.790 | 1.000 | | | | | | 3,067 | 2,424 | 0 | 0 | 3,067 | 2,424 | | | | |
| H35 | 7 | 0.760 | 1.000 | | | | | | 3,026 | 2,300 | 0 | 0 | 3,026 | 2,300 | | | | |
| H36 | 8 | 0.731 | 1.000 | | | | | | 3,615 | 2,641 | 0 | 0 | 3,615 | 2,641 | | | | |
| H37 | 9 | 0.703 | 1.000 | | | | | | 3,095 | 2,175 | 0 | 0 | 3,095 | 2,175 | | | | |
| H38 | 10 | 0.676 | 1.000 | | | | | | 2,202 | 1,488 | 0 | 0 | 2,202 | 1,488 | | | | |
| H39 | 11 | 0.650 | 1.000 | | | | | | 3,652 | 2,372 | 0 | 0 | 3,652 | 2,372 | | | | |
| H40 | 12 | 0.625 | 1.000 | | | | | | 5,420 | 3,385 | 0 | 0 | 5,420 | 3,385 | | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | | 5,078 | 3,050 | 0 | 0 | 5,078 | 3,050 | | | | |
| H42 | 14 | 0.577 | 1.000 | | | | | | 1,216 | 702 | 0 | 0 | 1,216 | 702 | | | | |
| H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | | |
| H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | | |
| H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | | |
| H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | | |
| H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | | |
| H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | | |
| H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | | |
| H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | | |
| H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | | |
| H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | | |
| H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | | |
| H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | | |
| H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | | |
| H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | | |
| H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | | |
| H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | | |
| H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | | |
| H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | | |
| H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | | |
| H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | | |
| H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | | |
| H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | | 163 | 40 | 163 | 40 | | | | |
| H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | | |
| H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | | |
| H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | | |
| H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | | |
| H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | | |
| H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | | |
| H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | | |
| H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | | |
| H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | | |
| H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | | |
| H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | | |
| H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | | 163 | 25 | 163 | 25 | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | | 163 | 24 | 163 | 24 | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | | 163 | 23 | 163 | 23 | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | | 16 | | | | | | | |

様式-5 費用対便益(全体事業:残工期-10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--------------------------|-----|-------|-----------|-------------------|-------------|-------|--------|------|-----------|-------------|------|------|--------|-------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備期間 (50年間) | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.188 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.988 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.988 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.994 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| | H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | |
| | H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | |
| | H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | |
| | H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | |
| | H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | |
| | H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | |
| | H21 | -7 | 1.316 | 1.047 | | | | | | 249 | 343 | 0 | 0 | 249 | 343 | | | |
| | H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | |
| | H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | |
| | H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | |
| | H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | |
| | H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | |
| | H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 815 | 784 | 0 | 0 | 815 | 784 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 943 | 872 | 0 | 0 | 943 | 872 | | | |
| H31 | 3 | 0.889 | 1.000 | | | | | | 2,281 | 2,028 | 0 | 0 | 2,281 | 2,028 | | | | |
| H32 | 4 | 0.855 | 1.000 | | | | | | 5,792 | 4,951 | 0 | 0 | 5,792 | 4,951 | | | | |
| H33 | 5 | 0.822 | 1.000 | | | | | | 3,882 | 3,191 | 0 | 0 | 3,882 | 3,191 | | | | |
| H34 | 6 | 0.790 | 1.000 | | | | | | 3,464 | 2,738 | 0 | 0 | 3,464 | 2,738 | | | | |
| H35 | 7 | 0.760 | 1.000 | | | | | | 4,266 | 3,242 | 0 | 0 | 4,266 | 3,242 | | | | |
| H36 | 8 | 0.731 | 1.000 | | | | | | 3,042 | 2,223 | 0 | 0 | 3,042 | 2,223 | | | | |
| H37 | 9 | 0.703 | 1.000 | | | | | | 3,165 | 2,224 | 0 | 0 | 3,165 | 2,224 | | | | |
| H38 | 10 | 0.676 | 1.000 | | | | | | 5,708 | 3,856 | 0 | 0 | 5,708 | 3,856 | | | | |
| H39 | 11 | 0.650 | 1.000 | | | | | | 6,304 | 4,095 | 0 | 0 | 6,304 | 4,095 | | | | |
| H40 | 12 | 0.625 | 1.000 | | | | | | 1,794 | 1,121 | 0 | 0 | 1,794 | 1,121 | | | | |
| 施設完成後の 評価期間 (50年間) | H41 | 13 | 0.601 | 1.000 | 4,549 | 2,732 | | | | | | 163 | 98 | 163 | 98 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | | 163 | 25 | 163 | 25 | | | |
| | H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | | 163 | 24 | 163 | 24 | | | |
| | H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | | 163 | 23 | 163 | 23 | | | |
| | H79 | 51 | 0.135 | 1.000 | 4,549 | 6 | | | | | | | | | | | | |

様式-5 費用対便益(全体事業:資産+10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B)[百万円] | | | | | 費用(C)[百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|----|-----|-----|-----------|-------------------|------------|-------|--------|------|-----------|------------|-------|------|--------|-------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.186 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.998 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.998 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.994 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| | H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | |
| | H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | |
| | H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | |
| | H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | |
| | H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | |
| | H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | |
| | H21 | -7 | 1.316 | 1.047 | | | | | | 249 | 343 | 0 | 0 | 249 | 343 | | | |
| | H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | |
| | H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | |
| | H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | |
| | H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | |
| | H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | |
| | H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 744 | 715 | 0 | 0 | 744 | 715 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 854 | 790 | 0 | 0 | 854 | 790 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 960 | 853 | 0 | 0 | 960 | 853 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 5,822 | 5,062 | 0 | 0 | 5,822 | 5,062 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 4,052 | 3,330 | 0 | 0 | 4,052 | 3,330 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 2,834 | 2,240 | 0 | 0 | 2,834 | 2,240 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 3,622 | 2,752 | 0 | 0 | 3,622 | 2,752 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 4,209 | 3,075 | 0 | 0 | 4,209 | 3,075 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 1,932 | 1,357 | 0 | 0 | 1,932 | 1,357 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 3,361 | 2,271 | 0 | 0 | 3,361 | 2,271 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 5,841 | 3,794 | 0 | 0 | 5,841 | 3,794 | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | | 5,815 | 3,632 | 0 | 0 | 5,815 | 3,632 | | | |
| | H41 | 13 | 0.601 | 1.000 | | | | | | 1,310 | 787 | 0 | 0 | 1,310 | 787 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,710 | 2,720 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,710 | 2,615 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,710 | 2,515 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,710 | 2,418 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,710 | 2,325 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,710 | 2,236 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,710 | 2,150 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,710 | 2,067 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,710 | 1,987 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,710 | 1,911 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,710 | 1,837 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,710 | 1,767 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.360 | 1.000 | 4,710 | 1,699 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,710 | 1,634 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,710 | 1,571 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,710 | 1,510 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,710 | 1,452 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,710 | 1,396 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,710 | 1,343 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,710 | 1,291 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,710 | 1,241 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,710 | 1,194 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,710 | 1,148 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,710 | 1,104 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,710 | 1,061 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,710 | 1,020 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,710 | 981 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,710 | 943 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,710 | 907 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,710 | 872 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,710 | 839 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,710 | 806 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,710 | 775 | | | | | | 163 | 27 | 163 | 27 | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,710 | 746 | | | | | | 163 | 26 | 163 | 26 | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,710 | 717 | | | | | | | | | | | | |

様式-5 費用対便益(全体事業:資産-10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|----|-----|-----|-----------|-------------------|-------------|-------|--------|------|-----------|-------------|-------|------|--------|-------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| | S54 | -37 | 4.268 | 1.334 | | | | | | 130 | 740 | 0 | 0 | 130 | 740 | | | |
| | S55 | -36 | 4.104 | 1.207 | | | | | | 119 | 589 | 0 | 0 | 119 | 589 | | | |
| | S56 | -35 | 3.946 | 1.186 | | | | | | 122 | 572 | 0 | 0 | 122 | 572 | | | |
| | S57 | -34 | 3.794 | 1.177 | | | | | | 138 | 616 | 0 | 0 | 138 | 616 | | | |
| | S58 | -33 | 3.648 | 1.184 | | | | | | 139 | 600 | 0 | 0 | 139 | 600 | | | |
| | S59 | -32 | 3.508 | 1.166 | | | | | | 127 | 519 | 0 | 0 | 127 | 519 | | | |
| | S60 | -31 | 3.373 | 1.181 | | | | | | 102 | 406 | 0 | 0 | 102 | 406 | | | |
| | S61 | -30 | 3.243 | 1.177 | | | | | | 104 | 397 | 0 | 0 | 104 | 397 | | | |
| | S62 | -29 | 3.119 | 1.162 | | | | | | 95 | 344 | 0 | 0 | 95 | 344 | | | |
| | S63 | -28 | 2.999 | 1.131 | | | | | | 112 | 380 | 0 | 0 | 112 | 380 | | | |
| | H1 | -27 | 2.883 | 1.077 | | | | | | 110 | 342 | 0 | 0 | 110 | 342 | | | |
| | H2 | -26 | 2.772 | 1.035 | | | | | | 132 | 379 | 0 | 0 | 132 | 379 | | | |
| | H3 | -25 | 2.666 | 1.009 | | | | | | 123 | 331 | 0 | 0 | 123 | 331 | | | |
| | H4 | -24 | 2.563 | 0.998 | | | | | | 201 | 514 | 0 | 0 | 201 | 514 | | | |
| | H5 | -23 | 2.465 | 0.997 | | | | | | 123 | 302 | 0 | 0 | 123 | 302 | | | |
| | H6 | -22 | 2.370 | 0.998 | | | | | | 124 | 293 | 0 | 0 | 124 | 293 | | | |
| | H7 | -21 | 2.279 | 0.998 | | | | | | 115 | 262 | 0 | 0 | 115 | 262 | | | |
| | H8 | -20 | 2.191 | 1.001 | | | | | | 87 | 191 | 0 | 0 | 87 | 191 | | | |
| | H9 | -19 | 2.107 | 0.994 | | | | | | 78 | 163 | 0 | 0 | 78 | 163 | | | |
| | H10 | -18 | 2.026 | 1.011 | | | | | | 77 | 158 | 0 | 0 | 77 | 158 | | | |
| | H11 | -17 | 1.948 | 1.024 | | | | | | 114 | 227 | 0 | 0 | 114 | 227 | | | |
| | H12 | -16 | 1.873 | 1.020 | | | | | | 109 | 208 | 0 | 0 | 109 | 208 | | | |
| | H13 | -15 | 1.801 | 1.045 | | | | | | 122 | 230 | 0 | 0 | 122 | 230 | | | |
| | H14 | -14 | 1.732 | 1.065 | | | | | | 119 | 220 | 0 | 0 | 119 | 220 | | | |
| | H15 | -13 | 1.665 | 1.068 | | | | | | 119 | 212 | 0 | 0 | 119 | 212 | | | |
| | H16 | -12 | 1.601 | 1.066 | | | | | | 96 | 164 | 0 | 0 | 96 | 164 | | | |
| | H17 | -11 | 1.539 | 1.062 | | | | | | 166 | 271 | 0 | 0 | 166 | 271 | | | |
| | H18 | -10 | 1.480 | 1.049 | | | | | | 140 | 217 | 0 | 0 | 140 | 217 | | | |
| | H19 | -9 | 1.423 | 1.036 | | | | | | 167 | 246 | 0 | 0 | 167 | 246 | | | |
| | H20 | -8 | 1.369 | 1.013 | | | | | | 136 | 189 | 0 | 0 | 136 | 189 | | | |
| | H21 | -7 | 1.316 | 1.047 | | | | | | 249 | 343 | 0 | 0 | 249 | 343 | | | |
| | H22 | -6 | 1.265 | 1.043 | | | | | | 65 | 86 | 0 | 0 | 65 | 86 | | | |
| | H23 | -5 | 1.217 | 1.025 | | | | | | 96 | 120 | 0 | 0 | 96 | 120 | | | |
| | H24 | -4 | 1.170 | 1.044 | | | | | | 92 | 112 | 0 | 0 | 92 | 112 | | | |
| | H25 | -3 | 1.125 | 1.026 | | | | | | 102 | 118 | 0 | 0 | 102 | 118 | | | |
| | H26 | -2 | 1.082 | 1.000 | | | | | | 92 | 100 | 0 | 0 | 92 | 100 | | | |
| | H27 | -1 | 1.040 | 1.000 | | | | | | 90 | 94 | 0 | 0 | 90 | 94 | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | | 94 | 94 | 0 | 0 | 94 | 94 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 744 | 715 | 0 | 0 | 744 | 715 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 854 | 790 | 0 | 0 | 854 | 790 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 960 | 853 | 0 | 0 | 960 | 853 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 5,922 | 5,062 | 0 | 0 | 5,922 | 5,062 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 4,052 | 3,330 | 0 | 0 | 4,052 | 3,330 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 2,834 | 2,240 | 0 | 0 | 2,834 | 2,240 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 3,622 | 2,752 | 0 | 0 | 3,622 | 2,752 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 4,209 | 3,075 | 0 | 0 | 4,209 | 3,075 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 1,932 | 1,357 | 0 | 0 | 1,932 | 1,357 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 3,361 | 2,271 | 0 | 0 | 3,361 | 2,271 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 5,841 | 3,794 | 0 | 0 | 5,841 | 3,794 | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | | 5,815 | 3,632 | 0 | 0 | 5,815 | 3,632 | | | |
| | H41 | 13 | 0.601 | 1.000 | | | | | | 1,310 | 787 | 0 | 0 | 1,310 | 787 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,387 | 2,533 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,387 | 2,436 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,387 | 2,342 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,387 | 2,252 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,387 | 2,166 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,387 | 2,082 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,387 | 2,002 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,387 | 1,925 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,387 | 1,851 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,387 | 1,780 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,387 | 1,711 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,387 | 1,646 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,387 | 1,582 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,387 | 1,521 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,387 | 1,463 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,387 | 1,407 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,387 | 1,353 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,387 | 1,301 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,387 | 1,251 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,387 | 1,202 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,387 | 1,156 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,387 | 1,112 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,387 | 1,069 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,387 | 1,028 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,387 | 988 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,387 | 950 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,387 | 914 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,387 | 879 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,387 | 845 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,387 | 812 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,387 | 781 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,387 | 751 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,387 | 722 | | | | | | 163 | 27 | 163 | 27 | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,387 | 694 | | | | | | 163 | 26 | 163 | 26 | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,387 | 668 | | | | | | | | | | | | |

様式-5 費用対便益(残事業:残事業費+10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--|-----|-------|-----------|-------------------|-------------|--------|--------|-------|-----------|-------------|--------|-------|--------|--------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備 期間 (13 年間) | H28 | 0 | 1.000 | 1.000 | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | | 818 | 787 | 0 | 0 | 818 | 787 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 939 | 868 | 0 | 0 | 939 | 868 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 1,056 | 939 | 0 | 0 | 1,056 | 939 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 6,514 | 5,568 | 0 | 0 | 6,514 | 5,568 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 4,457 | 3,663 | 0 | 0 | 4,457 | 3,663 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 3,117 | 2,463 | 0 | 0 | 3,117 | 2,463 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 3,984 | 3,028 | 0 | 0 | 3,984 | 3,028 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 4,630 | 3,383 | 0 | 0 | 4,630 | 3,383 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 2,125 | 1,493 | 0 | 0 | 2,125 | 1,493 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 3,697 | 2,498 | 0 | 0 | 3,697 | 2,498 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 6,425 | 4,174 | 0 | 0 | 6,425 | 4,174 | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | | 6,397 | 3,996 | 0 | 0 | 6,397 | 3,996 | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | | 1,441 | 865 | 0 | 0 | 1,441 | 865 | | | | |
| 施設 完成 後の 評価 期間 (50 年間) | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | |
| H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | | |
| H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | | 163 | 25 | 163 | 25 | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | | 163 | 24 | 163 | 24 | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | | 163 | 23 | 163 | 23 | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | | 163 | 22 | 163 | 22 | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,549 | 592 | | | | | | 163 | 21 | 163 | 21 | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,549 | 569 | | | | | | 163 | 20 | 163 | 20 | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,549 | 547 | | | | | | 163 | 20 | 163 | 20 | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,549 | 526 | | | | | | 163 | 19 | 163 | 19 | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,549 | 506 | | | | | | 163 | 18 | 163 | 18 | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,549 | 486 | | | | | | 163 | 17 | 163 | 17 | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,549 | 468 | | | | | | 163 | 17 | 163 | 17 | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,549 | 450 | | | | | | 163 | 16 | 163 | 16 | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,549 | 432 | | | | | | 163 | 15 | 163 | 15 | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,549 | 416 | | | | | | 163 | 15 | 163 | 15 | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,549 | 400 | | | | | | 163 | 14 | 163 | 14 | | | | |
| H91 | 63 | 0.085 | 1.000 | 4,549 | 384 | | | | | | 163 | 14 | 163 | 14 | | | | |
| 合計 | | | | | 227,450 | 58,691 | | 1,041 | 59,732 | 45,600 | 33,725 | 8,150 | 2,102 | 53,750 | 35,827 | | | |
| ダム費用の内、河川分 | | | | | 227,450 | 58,691 | | 1,041 | 59,732 | | 33,725 | | 2,102 | | 35,827 | | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | 59,732 | | | | | 35,827 | 1.7 | 23,905 | | |

様式-5 費用対便益(残事業:残事業費-10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--|-----|-------|-----------|-------------------|-------------|--------|--------|-------|-----------|-------------|--------|-------|--------|--------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備 期間 (13 年間) | H28 | 0 | 1.000 | 1.000 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | 670 | 644 | 0 | 0 | 670 | 644 | | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | 769 | 711 | 0 | 0 | 769 | 711 | | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | 864 | 768 | 0 | 0 | 864 | 768 | | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | 5,330 | 4,556 | 0 | 0 | 5,330 | 4,556 | | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | 3,647 | 2,998 | 0 | 0 | 3,647 | 2,998 | | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | 2,551 | 2,016 | 0 | 0 | 2,551 | 2,016 | | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | 3,260 | 2,477 | 0 | 0 | 3,260 | 2,477 | | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | 3,788 | 2,768 | 0 | 0 | 3,788 | 2,768 | | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | 1,739 | 1,222 | 0 | 0 | 1,739 | 1,222 | | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | 3,025 | 2,044 | 0 | 0 | 3,025 | 2,044 | | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | 5,257 | 3,415 | 0 | 0 | 5,257 | 3,415 | | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | 5,234 | 3,289 | 0 | 0 | 5,234 | 3,289 | | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | 1,179 | 708 | 0 | 0 | 1,179 | 708 | | | | | |
| 施設 完成 後の 評価 期間 (50 年間) | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | 163 | 94 | 163 | 94 | | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | 163 | 91 | 163 | 91 | | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | 163 | 87 | 163 | 87 | | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | 163 | 84 | 163 | 84 | | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | 163 | 80 | 163 | 80 | | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | 163 | 77 | 163 | 77 | | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | 163 | 74 | 163 | 74 | | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | 163 | 72 | 163 | 72 | | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | 163 | 69 | 163 | 69 | | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | 163 | 66 | 163 | 66 | | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | 163 | 64 | 163 | 64 | | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | 163 | 61 | 163 | 61 | | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | 163 | 59 | 163 | 59 | | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | 163 | 57 | 163 | 57 | | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | 163 | 54 | 163 | 54 | | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | 163 | 52 | 163 | 52 | | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | 163 | 50 | 163 | 50 | | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | 163 | 48 | 163 | 48 | | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | 163 | 46 | 163 | 46 | | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | 163 | 45 | 163 | 45 | | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | 163 | 43 | 163 | 43 | | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | 163 | 41 | 163 | 41 | | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | 163 | 40 | 163 | 40 | | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | 163 | 38 | 163 | 38 | | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | 163 | 37 | 163 | 37 | | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | 163 | 35 | 163 | 35 | | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | 163 | 34 | 163 | 34 | | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | 163 | 33 | 163 | 33 | | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | 163 | 31 | 163 | 31 | | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | 163 | 30 | 163 | 30 | | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | 163 | 29 | 163 | 29 | | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | 163 | 28 | 163 | 28 | | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | 163 | 27 | 163 | 27 | | | | |
| H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | 163 | 26 | 163 | 26 | | | | | |
| H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | 163 | 25 | 163 | 25 | | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | 163 | 24 | 163 | 24 | | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | 163 | 23 | 163 | 23 | | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | 163 | 22 | 163 | 22 | | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,549 | 592 | | | | | 163 | 21 | 163 | 21 | | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,549 | 569 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,549 | 547 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,549 | 526 | | | | | 163 | 19 | 163 | 19 | | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,549 | 506 | | | | | 163 | 18 | 163 | 18 | | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,549 | 486 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,549 | 468 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,549 | 450 | | | | | 163 | 16 | 163 | 16 | | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,549 | 432 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,549 | 416 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,549 | 400 | | | | | 163 | 14 | 163 | 14 | | | | | |
| H91 | 63 | 0.085 | 1.000 | 4,549 | 384 | | | | | 163 | 14 | 163 | 14 | | | | | |
| 合計 | | | | | 227,450 | 58,691 | | 852 | 59,543 | 37,313 | 27,596 | 8,150 | 2,102 | 45,463 | 29,698 | | | |
| ダム費用の内、河川分 | | | | | 227,450 | 58,691 | | 852 | 59,543 | | 27,596 | | 2,102 | | 29,698 | | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | 59,543 | | | | | 29,698 | 2.0 | 29,845 | | |

様式-5 費用対便益(残事業:残工期+10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|----------------------------------|-----|-------|-----------|-------------------|-------------|--------|--------|-------|-----------|-------------|--------|--------|--------|-------|------------------|---------------------------|--------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 整備期間 (14年間) | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| | H28 | 0 | 1.000 | 1.000 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | 691 | 664 | 0 | 0 | 691 | 664 | | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | 785 | 726 | 0 | 0 | 785 | 726 | | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | 876 | 779 | 0 | 0 | 876 | 779 | | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | 4,436 | 3,792 | 0 | 0 | 4,436 | 3,792 | | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | 4,297 | 3,532 | 0 | 0 | 4,297 | 3,532 | | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | 3,067 | 2,424 | 0 | 0 | 3,067 | 2,424 | | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | 3,026 | 2,300 | 0 | 0 | 3,026 | 2,300 | | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | 3,615 | 2,641 | 0 | 0 | 3,615 | 2,641 | | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | 3,095 | 2,175 | 0 | 0 | 3,095 | 2,175 | | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | 2,202 | 1,488 | 0 | 0 | 2,202 | 1,488 | | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | 3,652 | 2,372 | 0 | 0 | 3,652 | 2,372 | | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | 5,420 | 3,385 | 0 | 0 | 5,420 | 3,385 | | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | 5,078 | 3,050 | 0 | 0 | 5,078 | 3,050 | | | | | |
| H42 | 14 | 0.577 | 1.000 | | | | | 1,216 | 702 | 0 | 0 | 1,216 | 702 | | | | | |
| 施設 完成後 の評価 期間 (50年間) | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | 163 | 91 | 163 | 91 | | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | 163 | 87 | 163 | 87 | | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | 163 | 84 | 163 | 84 | | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | 163 | 80 | 163 | 80 | | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | 163 | 77 | 163 | 77 | | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,549 | 2,076 | | | | | 163 | 74 | 163 | 74 | | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | 163 | 72 | 163 | 72 | | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | 163 | 69 | 163 | 69 | | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | 163 | 66 | 163 | 66 | | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | 163 | 64 | 163 | 64 | | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | 163 | 61 | 163 | 61 | | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | 163 | 59 | 163 | 59 | | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | 163 | 57 | 163 | 57 | | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | 163 | 54 | 163 | 54 | | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | 163 | 52 | 163 | 52 | | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | 163 | 50 | 163 | 50 | | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | 163 | 48 | 163 | 48 | | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | 163 | 46 | 163 | 46 | | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | 163 | 45 | 163 | 45 | | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | 163 | 43 | 163 | 43 | | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | 163 | 41 | 163 | 41 | | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | 163 | 40 | 163 | 40 | | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | 163 | 38 | 163 | 38 | | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | 163 | 37 | 163 | 37 | | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | 163 | 35 | 163 | 35 | | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | 163 | 34 | 163 | 34 | | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | 163 | 33 | 163 | 33 | | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | 163 | 31 | 163 | 31 | | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | 163 | 30 | 163 | 30 | | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | 163 | 29 | 163 | 29 | | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | 163 | 28 | 163 | 28 | | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | 163 | 27 | 163 | 27 | | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | 163 | 26 | 163 | 26 | | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | 163 | 25 | 163 | 25 | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | 163 | 24 | 163 | 24 | | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | 163 | 23 | 163 | 23 | | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | 163 | 22 | 163 | 22 | | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,549 | 592 | | | | | 163 | 21 | 163 | 21 | | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,549 | 569 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,549 | 547 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,549 | 526 | | | | | 163 | 19 | 163 | 19 | | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,549 | 506 | | | | | 163 | 18 | 163 | 18 | | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,549 | 486 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,549 | 468 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,549 | 450 | | | | | 163 | 16 | 163 | 16 | | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,549 | 432 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,549 | 416 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,549 | 400 | | | | | 163 | 14 | 163 | 14 | | | | | |
| H91 | 63 | 0.085 | 1.000 | 4,549 | 384 | | | | | 163 | 14 | 163 | 14 | | | | | |
| H92 | 64 | 0.081 | 1.000 | 4,549 | 370 | | | | | 163 | 13 | 163 | 13 | | | | | |
| 合計 | | | | | 227,450 | 56,434 | | | 910 | 57,344 | 41,456 | 30,030 | 8,150 | 2,021 | 49,606 | 32,051 | | |
| ダム費用の内、河川分 | | | | | 227,450 | 56,434 | | | 910 | 57,344 | | 30,030 | | 2,021 | 49,606 | 32,051 | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | 57,344 | | | | | | 32,051 | 1.8 | 25,283 | |

様式-5 費用対便益(残事業:残工期-10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--------------------------------------|-----|-------|-----------|-------------------|-------------|--------|--------|------|-----------|-------------|--------|--------|--------|-------|------------------|---------------------------|--------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備 期間 (12年間) | H28 | 0 | 1.000 | 1.000 | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | H29 | 1 | 0.982 | 1.000 | | | | | | 815 | 784 | 0 | 0 | 815 | 784 | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | | 943 | 872 | 0 | 0 | 943 | 872 | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | | 2,281 | 2,028 | 0 | 0 | 2,281 | 2,028 | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | | 5,792 | 4,951 | 0 | 0 | 5,792 | 4,951 | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | | 3,882 | 3,191 | 0 | 0 | 3,882 | 3,191 | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | | 3,464 | 2,738 | 0 | 0 | 3,464 | 2,738 | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | | 4,266 | 3,242 | 0 | 0 | 4,266 | 3,242 | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | | 3,042 | 2,223 | 0 | 0 | 3,042 | 2,223 | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | | 3,165 | 2,224 | 0 | 0 | 3,165 | 2,224 | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | | 5,708 | 3,856 | 0 | 0 | 5,708 | 3,856 | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | | 6,304 | 4,095 | 0 | 0 | 6,304 | 4,095 | | | |
| H40 | 12 | 0.625 | 1.000 | | | | | | 1,794 | 1,121 | 0 | 0 | 1,794 | 1,121 | | | | |
| 施設 完成 後の 評価 期間 (50年間) | H41 | 13 | 0.601 | 1.000 | 4,549 | 2,732 | | | | | | 163 | 98 | 163 | 98 | | | |
| | H42 | 14 | 0.577 | 1.000 | 4,549 | 2,627 | | | | | | 163 | 94 | 163 | 94 | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,549 | 2,526 | | | | | | 163 | 91 | 163 | 91 | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,549 | 2,429 | | | | | | 163 | 87 | 163 | 87 | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,549 | 2,335 | | | | | | 163 | 84 | 163 | 84 | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,549 | 2,246 | | | | | | 163 | 80 | 163 | 80 | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,549 | 2,159 | | | | | | 163 | 77 | 163 | 77 | | | |
| | H48 | 20 | 0.458 | 1.000 | 4,549 | 2,076 | | | | | | 163 | 74 | 163 | 74 | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,549 | 1,996 | | | | | | 163 | 72 | 163 | 72 | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,549 | 1,919 | | | | | | 163 | 69 | 163 | 69 | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,549 | 1,846 | | | | | | 163 | 66 | 163 | 66 | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,549 | 1,775 | | | | | | 163 | 64 | 163 | 64 | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,549 | 1,706 | | | | | | 163 | 61 | 163 | 61 | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,549 | 1,641 | | | | | | 163 | 59 | 163 | 59 | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,549 | 1,578 | | | | | | 163 | 57 | 163 | 57 | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,549 | 1,517 | | | | | | 163 | 54 | 163 | 54 | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,549 | 1,459 | | | | | | 163 | 52 | 163 | 52 | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,549 | 1,403 | | | | | | 163 | 50 | 163 | 50 | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,549 | 1,349 | | | | | | 163 | 48 | 163 | 48 | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,549 | 1,297 | | | | | | 163 | 46 | 163 | 46 | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,549 | 1,247 | | | | | | 163 | 45 | 163 | 45 | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,549 | 1,199 | | | | | | 163 | 43 | 163 | 43 | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,549 | 1,153 | | | | | | 163 | 41 | 163 | 41 | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,549 | 1,108 | | | | | | 163 | 40 | 163 | 40 | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,549 | 1,066 | | | | | | 163 | 38 | 163 | 38 | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,549 | 1,025 | | | | | | 163 | 37 | 163 | 37 | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,549 | 985 | | | | | | 163 | 35 | 163 | 35 | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,549 | 948 | | | | | | 163 | 34 | 163 | 34 | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,549 | 911 | | | | | | 163 | 33 | 163 | 33 | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,549 | 876 | | | | | | 163 | 31 | 163 | 31 | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,549 | 842 | | | | | | 163 | 30 | 163 | 30 | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,549 | 810 | | | | | | 163 | 29 | 163 | 29 | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,549 | 779 | | | | | | 163 | 28 | 163 | 28 | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,549 | 749 | | | | | | 163 | 27 | 163 | 27 | | | |
| H75 | 47 | 0.158 | 1.000 | 4,549 | 720 | | | | | | 163 | 26 | 163 | 26 | | | | |
| H76 | 48 | 0.152 | 1.000 | 4,549 | 692 | | | | | | 163 | 25 | 163 | 25 | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,549 | 666 | | | | | | 163 | 24 | 163 | 24 | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,549 | 640 | | | | | | 163 | 23 | 163 | 23 | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,549 | 615 | | | | | | 163 | 22 | 163 | 22 | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,549 | 592 | | | | | | 163 | 21 | 163 | 21 | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,549 | 569 | | | | | | 163 | 20 | 163 | 20 | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,549 | 547 | | | | | | 163 | 20 | 163 | 20 | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,549 | 526 | | | | | | 163 | 19 | 163 | 19 | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,549 | 506 | | | | | | 163 | 18 | 163 | 18 | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,549 | 486 | | | | | | 163 | 17 | 163 | 17 | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,549 | 468 | | | | | | 163 | 17 | 163 | 17 | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,549 | 450 | | | | | | 163 | 16 | 163 | 16 | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,549 | 432 | | | | | | 163 | 15 | 163 | 15 | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,549 | 416 | | | | | | 163 | 15 | 163 | 15 | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,549 | 400 | | | | | | 163 | 14 | 163 | 14 | | | | |
| 合計 | | | | | 227,450 | 61,039 | | | 985 | 62,024 | 41,456 | 31,325 | 8,150 | 2,186 | 49,606 | 33,511 | | |
| ダム費用の内、河川分 | | | | | 227,450 | 61,039 | | | 985 | 62,024 | | 31,325 | | 2,186 | | 33,511 | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | | 62,024 | | | | | 33,511 | 1.9 | 28,513 | |

様式-5 費用対便益(残事業:資産+10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--|-----|-------|-----------|-------------------|-------------|--------|--------|-------|-----------|-------------|--------|-------|--------|--------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備 期間 (1 3 年間) | H28 | 0 | 1.000 | 1.000 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | 744 | 715 | 0 | 0 | 744 | 715 | | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | 854 | 790 | 0 | 0 | 854 | 790 | | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | 960 | 853 | 0 | 0 | 960 | 853 | | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | 5,922 | 5,062 | 0 | 0 | 5,922 | 5,062 | | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | 4,052 | 3,330 | 0 | 0 | 4,052 | 3,330 | | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | 2,834 | 2,240 | 0 | 0 | 2,834 | 2,240 | | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | 3,622 | 2,752 | 0 | 0 | 3,622 | 2,752 | | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | 4,209 | 3,075 | 0 | 0 | 4,209 | 3,075 | | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | 1,932 | 1,357 | 0 | 0 | 1,932 | 1,357 | | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | 3,361 | 2,271 | 0 | 0 | 3,361 | 2,271 | | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | 5,841 | 3,794 | 0 | 0 | 5,841 | 3,794 | | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | 5,815 | 3,632 | 0 | 0 | 5,815 | 3,632 | | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | 1,310 | 787 | 0 | 0 | 1,310 | 787 | | | | | |
| 施設 完成 後の 評価 期間 (5 0 年間) | H42 | 14 | 0.577 | 1.000 | 4,710 | 2,720 | | | | | 163 | 94 | 163 | 94 | | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,710 | 2,615 | | | | | 163 | 91 | 163 | 91 | | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,710 | 2,515 | | | | | 163 | 87 | 163 | 87 | | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,710 | 2,418 | | | | | 163 | 84 | 163 | 84 | | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,710 | 2,325 | | | | | 163 | 80 | 163 | 80 | | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,710 | 2,236 | | | | | 163 | 77 | 163 | 77 | | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,710 | 2,150 | | | | | 163 | 74 | 163 | 74 | | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,710 | 2,067 | | | | | 163 | 72 | 163 | 72 | | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,710 | 1,987 | | | | | 163 | 69 | 163 | 69 | | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,710 | 1,911 | | | | | 163 | 66 | 163 | 66 | | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,710 | 1,837 | | | | | 163 | 64 | 163 | 64 | | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,710 | 1,767 | | | | | 163 | 61 | 163 | 61 | | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,710 | 1,699 | | | | | 163 | 59 | 163 | 59 | | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,710 | 1,634 | | | | | 163 | 57 | 163 | 57 | | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,710 | 1,571 | | | | | 163 | 54 | 163 | 54 | | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,710 | 1,510 | | | | | 163 | 52 | 163 | 52 | | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,710 | 1,452 | | | | | 163 | 50 | 163 | 50 | | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,710 | 1,396 | | | | | 163 | 48 | 163 | 48 | | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,710 | 1,343 | | | | | 163 | 46 | 163 | 46 | | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,710 | 1,291 | | | | | 163 | 45 | 163 | 45 | | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,710 | 1,241 | | | | | 163 | 43 | 163 | 43 | | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,710 | 1,194 | | | | | 163 | 41 | 163 | 41 | | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,710 | 1,148 | | | | | 163 | 40 | 163 | 40 | | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,710 | 1,104 | | | | | 163 | 38 | 163 | 38 | | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,710 | 1,061 | | | | | 163 | 37 | 163 | 37 | | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,710 | 1,020 | | | | | 163 | 35 | 163 | 35 | | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,710 | 981 | | | | | 163 | 34 | 163 | 34 | | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,710 | 943 | | | | | 163 | 33 | 163 | 33 | | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,710 | 907 | | | | | 163 | 31 | 163 | 31 | | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,710 | 872 | | | | | 163 | 30 | 163 | 30 | | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,710 | 839 | | | | | 163 | 29 | 163 | 29 | | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,710 | 806 | | | | | 163 | 28 | 163 | 28 | | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,710 | 775 | | | | | 163 | 27 | 163 | 27 | | | | |
| | H75 | 47 | 0.158 | 1.000 | 4,710 | 746 | | | | | 163 | 26 | 163 | 26 | | | | |
| | H76 | 48 | 0.152 | 1.000 | 4,710 | 717 | | | | | 163 | 25 | 163 | 25 | | | | |
| | H77 | 49 | 0.146 | 1.000 | 4,710 | 689 | | | | | 163 | 24 | 163 | 24 | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,710 | 663 | | | | | 163 | 23 | 163 | 23 | | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,710 | 637 | | | | | 163 | 22 | 163 | 22 | | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,710 | 613 | | | | | 163 | 21 | 163 | 21 | | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,710 | 589 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,710 | 567 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,710 | 545 | | | | | 163 | 19 | 163 | 19 | | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,710 | 524 | | | | | 163 | 18 | 163 | 18 | | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,710 | 504 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,710 | 484 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,710 | 466 | | | | | 163 | 16 | 163 | 16 | | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,710 | 448 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,710 | 431 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,710 | 414 | | | | | 163 | 14 | 163 | 14 | | | | | |
| H91 | 63 | 0.085 | 1.000 | 4,710 | 398 | | | | | 163 | 14 | 163 | 14 | | | | | |
| 合計 | | | | | 235,500 | 60,770 | | 947 | 61,717 | 41,456 | 30,658 | 8,150 | 2,102 | 49,606 | 32,760 | | | |
| ダム費用の内、河川分 | | | | | 235,500 | 60,770 | | 947 | 61,717 | | 30,658 | | 2,102 | | 32,760 | | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | 61,717 | | | | | 32,760 | 1.0 | 28,957 | | |

様式-5 費用対便益(残事業:資産-10%)

水系名:筑後川 河川名:城原川 事業名:城原川ダム

| 年次 | 年 | t | 割引率 4% | デフ レーター 事業費 | 便益(B) [百万円] | | | | | 費用(C) [百万円] | | | | | 費用 便益比 B/C | 純現在 価値 (百万円) B-C | | |
|--|-----|-------|-----------|-------------------|-------------|--------|--------|-------|-----------|-------------|--------|-------|--------|--------|------------------|---------------------------|------|------|
| | | | | | 治水便益① | | 不特定便益② | | 残存価値 ③ | 計 ①+②+③ | 建設費③ | | 維持管理費④ | | | | 計③+④ | |
| | | | | | 便益 | 現在価値 | 便益 | 現在価値 | | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 |
| 基準 | H28 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | | |
| 整備 期間 (13 年間) | H28 | 0 | 1.000 | 1.000 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | H29 | 1 | 0.962 | 1.000 | | | | | 744 | 715 | 0 | 0 | 744 | 715 | | | | |
| | H30 | 2 | 0.925 | 1.000 | | | | | 854 | 790 | 0 | 0 | 854 | 790 | | | | |
| | H31 | 3 | 0.889 | 1.000 | | | | | 960 | 853 | 0 | 0 | 960 | 853 | | | | |
| | H32 | 4 | 0.855 | 1.000 | | | | | 5,922 | 5,062 | 0 | 0 | 5,922 | 5,062 | | | | |
| | H33 | 5 | 0.822 | 1.000 | | | | | 4,052 | 3,330 | 0 | 0 | 4,052 | 3,330 | | | | |
| | H34 | 6 | 0.790 | 1.000 | | | | | 2,834 | 2,240 | 0 | 0 | 2,834 | 2,240 | | | | |
| | H35 | 7 | 0.760 | 1.000 | | | | | 3,622 | 2,752 | 0 | 0 | 3,622 | 2,752 | | | | |
| | H36 | 8 | 0.731 | 1.000 | | | | | 4,209 | 3,075 | 0 | 0 | 4,209 | 3,075 | | | | |
| | H37 | 9 | 0.703 | 1.000 | | | | | 1,932 | 1,357 | 0 | 0 | 1,932 | 1,357 | | | | |
| | H38 | 10 | 0.676 | 1.000 | | | | | 3,361 | 2,271 | 0 | 0 | 3,361 | 2,271 | | | | |
| | H39 | 11 | 0.650 | 1.000 | | | | | 5,841 | 3,794 | 0 | 0 | 5,841 | 3,794 | | | | |
| | H40 | 12 | 0.625 | 1.000 | | | | | 5,815 | 3,632 | 0 | 0 | 5,815 | 3,632 | | | | |
| H41 | 13 | 0.601 | 1.000 | | | | | 1,310 | 787 | 0 | 0 | 1,310 | 787 | | | | | |
| 施設 完成 後の 評価 期間 (50 年間) | H42 | 14 | 0.577 | 1.000 | 4,387 | 2,533 | | | | | 163 | 94 | 163 | 94 | | | | |
| | H43 | 15 | 0.555 | 1.000 | 4,387 | 2,436 | | | | | 163 | 91 | 163 | 91 | | | | |
| | H44 | 16 | 0.534 | 1.000 | 4,387 | 2,342 | | | | | 163 | 87 | 163 | 87 | | | | |
| | H45 | 17 | 0.513 | 1.000 | 4,387 | 2,252 | | | | | 163 | 84 | 163 | 84 | | | | |
| | H46 | 18 | 0.494 | 1.000 | 4,387 | 2,166 | | | | | 163 | 80 | 163 | 80 | | | | |
| | H47 | 19 | 0.475 | 1.000 | 4,387 | 2,082 | | | | | 163 | 77 | 163 | 77 | | | | |
| | H48 | 20 | 0.456 | 1.000 | 4,387 | 2,002 | | | | | 163 | 74 | 163 | 74 | | | | |
| | H49 | 21 | 0.439 | 1.000 | 4,387 | 1,925 | | | | | 163 | 72 | 163 | 72 | | | | |
| | H50 | 22 | 0.422 | 1.000 | 4,387 | 1,851 | | | | | 163 | 69 | 163 | 69 | | | | |
| | H51 | 23 | 0.406 | 1.000 | 4,387 | 1,780 | | | | | 163 | 66 | 163 | 66 | | | | |
| | H52 | 24 | 0.390 | 1.000 | 4,387 | 1,711 | | | | | 163 | 64 | 163 | 64 | | | | |
| | H53 | 25 | 0.375 | 1.000 | 4,387 | 1,646 | | | | | 163 | 61 | 163 | 61 | | | | |
| | H54 | 26 | 0.361 | 1.000 | 4,387 | 1,582 | | | | | 163 | 59 | 163 | 59 | | | | |
| | H55 | 27 | 0.347 | 1.000 | 4,387 | 1,521 | | | | | 163 | 57 | 163 | 57 | | | | |
| | H56 | 28 | 0.333 | 1.000 | 4,387 | 1,463 | | | | | 163 | 54 | 163 | 54 | | | | |
| | H57 | 29 | 0.321 | 1.000 | 4,387 | 1,407 | | | | | 163 | 52 | 163 | 52 | | | | |
| | H58 | 30 | 0.308 | 1.000 | 4,387 | 1,353 | | | | | 163 | 50 | 163 | 50 | | | | |
| | H59 | 31 | 0.296 | 1.000 | 4,387 | 1,301 | | | | | 163 | 48 | 163 | 48 | | | | |
| | H60 | 32 | 0.285 | 1.000 | 4,387 | 1,251 | | | | | 163 | 46 | 163 | 46 | | | | |
| | H61 | 33 | 0.274 | 1.000 | 4,387 | 1,202 | | | | | 163 | 45 | 163 | 45 | | | | |
| | H62 | 34 | 0.264 | 1.000 | 4,387 | 1,156 | | | | | 163 | 43 | 163 | 43 | | | | |
| | H63 | 35 | 0.253 | 1.000 | 4,387 | 1,112 | | | | | 163 | 41 | 163 | 41 | | | | |
| | H64 | 36 | 0.244 | 1.000 | 4,387 | 1,069 | | | | | 163 | 40 | 163 | 40 | | | | |
| | H65 | 37 | 0.234 | 1.000 | 4,387 | 1,028 | | | | | 163 | 38 | 163 | 38 | | | | |
| | H66 | 38 | 0.225 | 1.000 | 4,387 | 988 | | | | | 163 | 37 | 163 | 37 | | | | |
| | H67 | 39 | 0.217 | 1.000 | 4,387 | 950 | | | | | 163 | 35 | 163 | 35 | | | | |
| | H68 | 40 | 0.208 | 1.000 | 4,387 | 914 | | | | | 163 | 34 | 163 | 34 | | | | |
| | H69 | 41 | 0.200 | 1.000 | 4,387 | 879 | | | | | 163 | 33 | 163 | 33 | | | | |
| | H70 | 42 | 0.193 | 1.000 | 4,387 | 845 | | | | | 163 | 31 | 163 | 31 | | | | |
| | H71 | 43 | 0.185 | 1.000 | 4,387 | 812 | | | | | 163 | 30 | 163 | 30 | | | | |
| | H72 | 44 | 0.178 | 1.000 | 4,387 | 781 | | | | | 163 | 29 | 163 | 29 | | | | |
| | H73 | 45 | 0.171 | 1.000 | 4,387 | 751 | | | | | 163 | 28 | 163 | 28 | | | | |
| | H74 | 46 | 0.165 | 1.000 | 4,387 | 722 | | | | | 163 | 27 | 163 | 27 | | | | |
| H75 | 47 | 0.158 | 1.000 | 4,387 | 694 | | | | | 163 | 26 | 163 | 26 | | | | | |
| H76 | 48 | 0.152 | 1.000 | 4,387 | 668 | | | | | 163 | 25 | 163 | 25 | | | | | |
| H77 | 49 | 0.146 | 1.000 | 4,387 | 642 | | | | | 163 | 24 | 163 | 24 | | | | | |
| H78 | 50 | 0.141 | 1.000 | 4,387 | 617 | | | | | 163 | 23 | 163 | 23 | | | | | |
| H79 | 51 | 0.135 | 1.000 | 4,387 | 594 | | | | | 163 | 22 | 163 | 22 | | | | | |
| H80 | 52 | 0.130 | 1.000 | 4,387 | 571 | | | | | 163 | 21 | 163 | 21 | | | | | |
| H81 | 53 | 0.125 | 1.000 | 4,387 | 549 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H82 | 54 | 0.120 | 1.000 | 4,387 | 528 | | | | | 163 | 20 | 163 | 20 | | | | | |
| H83 | 55 | 0.116 | 1.000 | 4,387 | 507 | | | | | 163 | 19 | 163 | 19 | | | | | |
| H84 | 56 | 0.111 | 1.000 | 4,387 | 488 | | | | | 163 | 18 | 163 | 18 | | | | | |
| H85 | 57 | 0.107 | 1.000 | 4,387 | 469 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H86 | 58 | 0.103 | 1.000 | 4,387 | 451 | | | | | 163 | 17 | 163 | 17 | | | | | |
| H87 | 59 | 0.099 | 1.000 | 4,387 | 434 | | | | | 163 | 16 | 163 | 16 | | | | | |
| H88 | 60 | 0.095 | 1.000 | 4,387 | 417 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H89 | 61 | 0.091 | 1.000 | 4,387 | 401 | | | | | 163 | 15 | 163 | 15 | | | | | |
| H90 | 62 | 0.088 | 1.000 | 4,387 | 386 | | | | | 163 | 14 | 163 | 14 | | | | | |
| H91 | 63 | 0.085 | 1.000 | 4,387 | 371 | | | | | 163 | 14 | 163 | 14 | | | | | |
| 合計 | | | | | 219,350 | 56,600 | | 985 | 57,585 | 41,456 | 30,658 | 8,150 | 2,102 | 49,606 | 32,760 | | | |
| ダム費用の内、河川分 | | | | | 219,350 | 56,600 | | 985 | 57,585 | | 30,658 | | 2,102 | 49,606 | 32,760 | | | |
| 不特定便益計算 | | | | | | | 0 | 0 | | | | | | | | | | |
| 総便益/総費用 | | | | | | | | | 57,585 | | | | | 32,760 | 1.8 | 24,825 | | |

事業費の内訳書

ダム事業

| | |
|-----|-------------------|
| 事業名 | 城原川ダム建設事業 (全体事業費) |
|-----|-------------------|

| | | |
|------|-------|-----|
| 評価年度 | H28年度 | 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 | 19,669 | | |
| | ダム費 | | 式 | 1 | 10,697 | | |
| | | 転流工 | 式 | 1 | 830 | 転流工、仮締切 | |
| | | 基礎掘削工 | 千m ³ | 264 | 889 | オープン掘削 | |
| | | 基礎処理工 | 式 | 1 | 677 | グラウチング、特殊基礎処理 | |
| | | 堤体工 | 千m ³ | 210 | 3,707 | ELCM、ケーブルクレーン打設 | |
| | | 閉塞工 | 式 | 1 | 45 | コンクリート閉塞 | |
| | | 放流設備 | 式 | 1 | 423 | 試験湛水ゲート、放流管 | |
| | | 付属装置 | 式 | 1 | 641 | 昇降装置、照明装置、観測装置、天端橋梁 | |
| | | 雑工事 | 式 | 1 | 3,485 | 原石山掘削、周辺整備工、鋼製スクリーン、堤体摩耗対策、流木対策 | |
| | 管理設備費 | | 式 | 1 | 1,726 | | |
| | | 観測設備 | 式 | 1 | 149 | 観測設備 | |
| | | 警報設備 | 式 | 1 | 981 | 警報設備 | |
| | | 電気設備 | 式 | 1 | 128 | 電気設備 | |
| | | 管理用建物 | 式 | 1 | 468 | 管理用建物 | |
| | 仮設備費 | | 式 | 1 | 6,817 | | |
| | | 骨材設備・コンクリート設備 | 式 | 1 | 2,727 | 骨材設備・コンクリート設備 | |
| | | 濁水処理設備 | 式 | 1 | 1,428 | 濁水処理設備 | |
| | | 工事用道路 | 式 | 1 | 2,662 | 工事用道路 | |
| | 工事用動力費 | | 式 | 1 | 429 | 電力料、維持費 | |
| | 用地費及補償費 | | 式 | 1 | 13,457 | | |
| | 用地費及補償費 | 用地費及補償費 | | 式 | 1 | 6,932 | 一般補償、公共補償、特殊補償 |
| | | 補償工事費 | | 式 | 1 | 6,262 | |
| 付替道路 | | | m | 2,846 | 6,262 | 県道付替、市道付替 | |
| 生活再建対策費 | | | 式 | 1 | 263 | 先例地生活再建実態調査、説明会経費等 | |
| 間接経費 | | 式 | 1 | 10,128 | 測設、船舶、営繕、宿舍費 | | |
| 工事諸費 | | 式 | 1 | 5,271 | | | |
| 事業費 計 | | 式 | | | 48,525 | | |

| | | | | | |
|-------|--|---|---|-----|------------|
| 維持管理費 | | 式 | 1 | 174 | 1年当たり維持管理費 |
|-------|--|---|---|-----|------------|

※ダム事業の検証において、総事業費および工期について点検を行った結果を記載
 この検討は、今回の検証のプロセスに位置づけられている「検証対象ダム事業等の検討」の一環として行っているものであり、現在保有している技術情報等の範囲内で、今後の事業の方向性に関する判断とは一切関わりなく、現在の事業計画を点検するもの。また、予断を持たずに検証を進める観点から、ダム事業の点検及び他の治水対策(代替案)のいずれの検討にあたって、さらなるコスト縮減や工期短縮などの期待的要因は含まれないこととしている。
 なお、検証の結論に沿っていずれの対策を実施する場合においても、実際の施工にあたってはさらなるコスト縮減や工期短縮に対して最大限の努力をすることとしている。

事業費の内訳書

ダム事業

| | |
|-----|------------------|
| 事業名 | 城原川ダム建設事業 (残事業費) |
|-----|------------------|

| | | |
|------|-------|-----|
| 評価年度 | H28年度 | 再評価 |
|------|-------|-----|

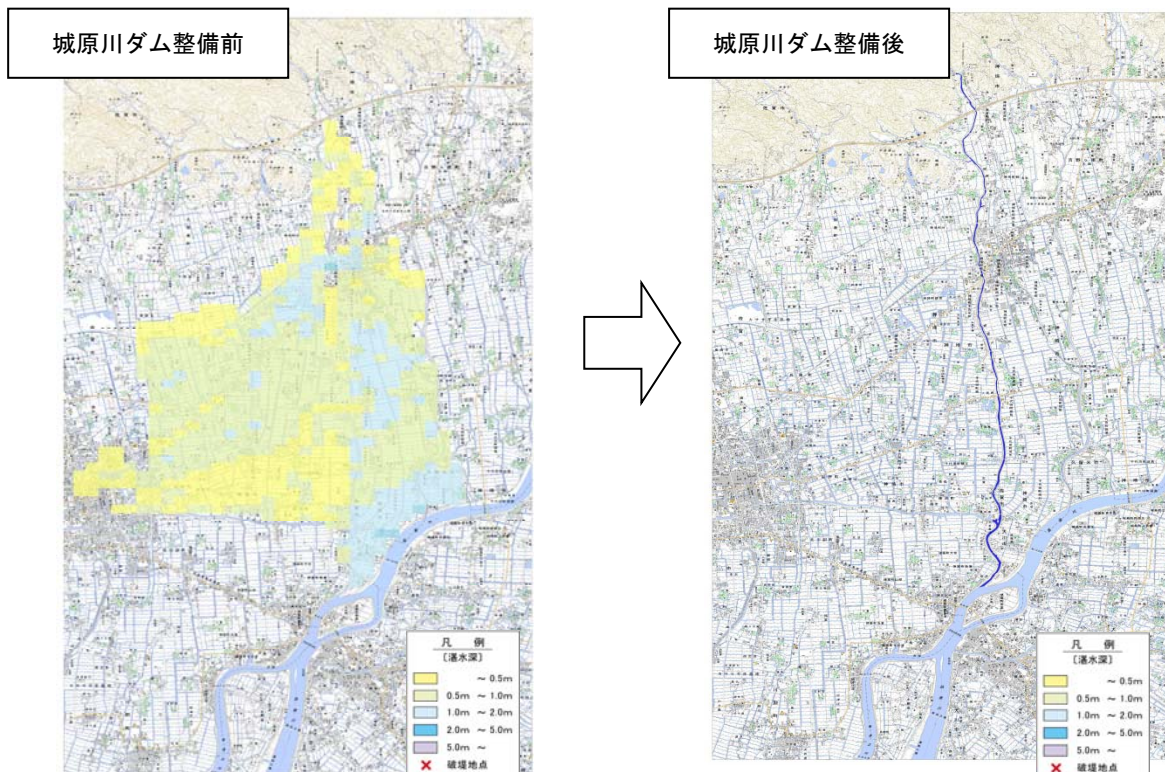
| 区分 | 費目 | 工種 | 単位 | 数量 | 金額 (百万円) | 備考 | |
|---------|---------|---------------|-----------------|-------|--------------|---------------------------------|-------|
| 工事費 | | | 式 | 1 | 19,669 | | |
| | ダム費 | | 式 | 1 | 10,697 | | |
| | | 転流工 | 式 | 1 | 830 | 転流工、仮締切 | |
| | | 基礎掘削工 | 千m ³ | 264 | 889 | オープン掘削 | |
| | | 基礎処理工 | 式 | 1 | 677 | グラウチング、特殊基礎処理 | |
| | | 堤体工 | 千m ³ | 210 | 3,707 | ELCM、ケーブルクレーン打設 | |
| | | 閉塞工 | 式 | 1 | 45 | コンクリート閉塞 | |
| | | 放流設備 | 式 | 1 | 423 | 試験湛水ゲート、放流管 | |
| | | 付属装置 | 式 | 1 | 641 | 昇降装置、照明装置、観測装置、天端橋梁 | |
| | | 雑工事 | 式 | 1 | 3,485 | 原石山掘削、周辺整備工、鋼製スクリーン、堤体摩耗対策、流木対策 | |
| | | 管理設備費 | | 式 | 1 | 1,726 | |
| | | | 観測設備 | 式 | 1 | 149 | 観測設備 |
| | | | 警報設備 | 式 | 1 | 981 | 警報設備 |
| | | | 電気設備 | 式 | 1 | 128 | 電気設備 |
| | | | 管理用建物 | 式 | 1 | 468 | 管理用建物 |
| | 仮設備費 | | 式 | 1 | 6,817 | | |
| | | 骨材設備・コンクリート設備 | 式 | 1 | 2,727 | 骨材設備・コンクリート設備 | |
| | | 濁水処理設備 | 式 | 1 | 1,428 | 濁水処理設備 | |
| | | 工事用道路 | 式 | 1 | 2,662 | 工事用道路 | |
| | 工食用動力費 | | 式 | 1 | 429 | 電力料、維持費 | |
| | 用地費及補償費 | | 式 | 1 | 13,299 | | |
| 用地費及補償費 | | | 式 | 1 | 6,929 | 一般補償、公共補償、特殊補償 | |
| 補償工事費 | | | 式 | 1 | 6,262 | | |
| | | 付替道路 | m | 2,846 | 6,262 | 県道付替、市道付替 | |
| 生活再建対策費 | | | 式 | 1 | 108 | 先例地生活再建実態調査、説明会経費等 | |
| 間接経費 | | 式 | 1 | 6,932 | 測設、船舶、営繕、宿舍費 | | |
| 工事諸費 | | 式 | 1 | 3,987 | | | |
| 事業費 計 | | 式 | | | 43,887 | | |

| | | | | | |
|-------|--|---|---|-----|------------|
| 維持管理費 | | 式 | 1 | 174 | 1年当たり維持管理費 |
|-------|--|---|---|-----|------------|

※ダム事業の検証において、総事業費および工期について点検を行った結果を記載
 この検討は、今回の検証のプロセスに位置づけられている「検証対象ダム事業等の検討」の一環として行っているものであり、現在保有している技術情報等の範囲内で、今後の事業の方向性に関する判断とは一切関わりなく、現在の事業計画を点検するもの。また、予断を持たずに検証を進める観点から、ダム事業の点検及び他の治水対策(代替案)のいずれの検討にあたって、さらなるコスト縮減や工期短縮などの期待的要素は含まれないこととしている。
 なお、検証の結論に沿っていずれの対策を実施する場合においても、実際の施工にあたってはさらなるコスト縮減や工期短縮に対して最大限の努力をすることとしている。

ダム事業の被害軽減効果（貨幣換算が困難な効果等による評価）

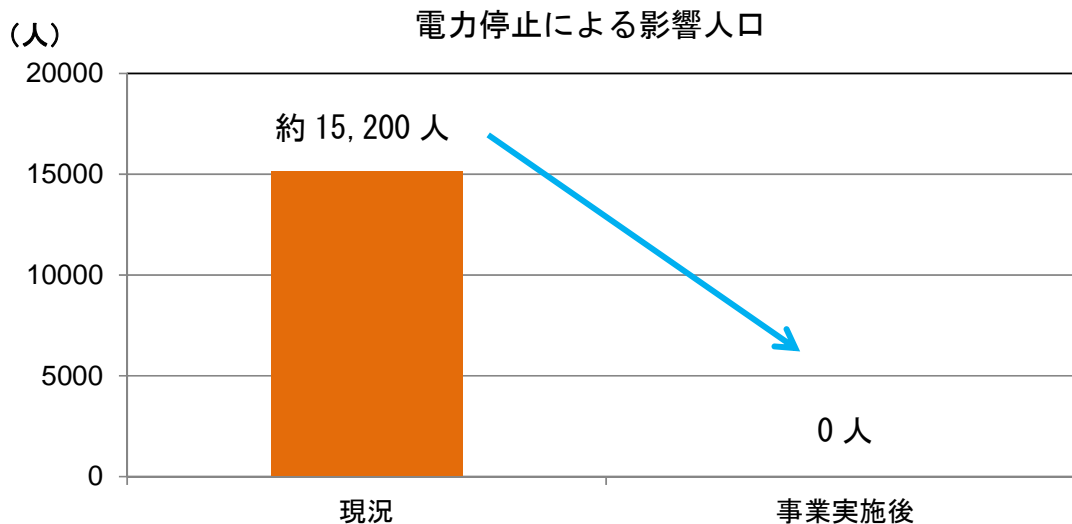
＜河川整備基本方針規模（W=1/150）の洪水における想定死者数、電力の停止による影響人口＞



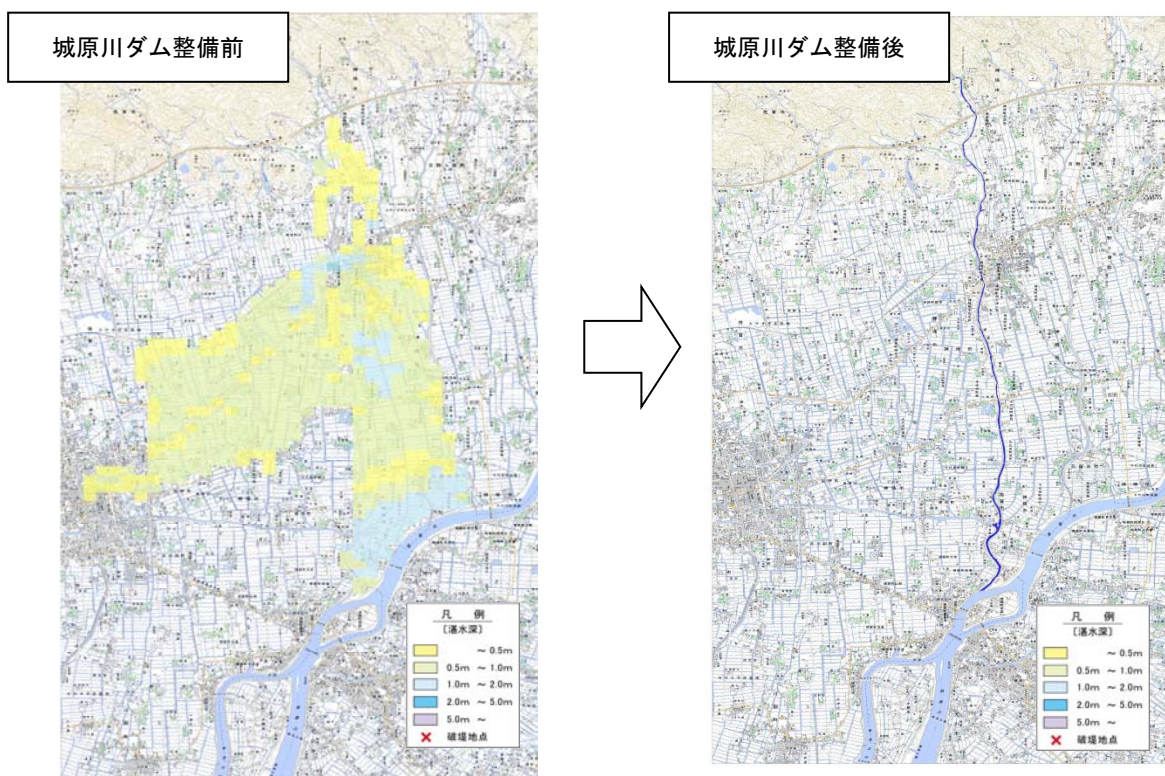
(計算条件)

- ・洪水：昭和28年6月洪水の1.015倍
- ・河道：城原川ダム完成直後の平成41年時点

| 項目 | | 城原川ダム整備前 | 城原川ダム整備後 |
|-------------|---------|------------|----------|
| 浸水面積 | | 約 4,800 ha | 0 ha |
| 想定死者数 | 避難率 80% | 3 人 | 0 人 |
| | 避難率 40% | 9 人 | 0 人 |
| | 避難率 0% | 15 人 | 0 人 |
| 電力停止による影響人口 | | 約 15,200 人 | 0 人 |



＜河川整備計画規模（W=1/50）の洪水における想定死者数、電力の停止による影響人口＞



(計算条件)

- ・ 洪水：昭和28年6月洪水の0.834倍
- ・ 河道：城原川ダム完成直後の平成41年時点

| 項目 | | 城原川ダム整備前 | 城原川ダム整備後 |
|-------------|--------|-----------|----------|
| 浸水面積 | | 約3,800 ha | 0 ha |
| 想定死者数 | 避難率80% | 1人 | 0人 |
| | 避難率40% | 3人 | 0人 |
| | 避難率0% | 6人 | 0人 |
| 電力停止による影響人口 | | 約8,700人 | 0人 |

