

旭川中上流ダム再生事業に関する
事業再評価の費用便益比(B/C)算定等資料

項目調書

河川改修事業の再評価項目調書（案）

| | | | | | | | | | |
|------------|---|------|---------|----------|-----------|---------|----------|-------|----|
| 事業名（箇所名） | あきひがわ 旭川中上流ダム再生事業 | | | | | | | | |
| 実施箇所 | 岡山県岡山市、岡山県加賀郡吉備中央町、岡山県真庭市 | | | | | | | | |
| 該当基準 | 準備・計画段階で一定期間（3年）が経過している事業 | | | | | | | | |
| 事業諸元 | 旭川ダム及び湯原ダム再生 | | | | | | | | |
| 事業期間 | 令和2年～令和19年 | | | | | | | | |
| 総事業費（億円） | 約450 | | | 残事業費（億円） | 約430 | | | | |
| 目的・必要性 | <p><解決すべき課題・背景></p> <ul style="list-style-type: none"> 戦後の主な洪水は、昭和20年9月、昭和47年7月豪雨、平成10年10月、平成30年7月豪雨であり、旭川流域で大きな被害が発生している。 昭和20年9月（台風） 流出家屋 77戸、浸水家屋 2,110戸 昭和47年7月（梅雨前線） 床上浸水 1,225戸、床下浸水 3,084戸 平成10年10月（台風） 床上浸水 358戸、床下浸水 615戸 平成30年7月（梅雨前線） 床上浸水 2,226戸、床下浸水 3,842戸 <p>注）被害状況は旭川水害史、水害統計による（水系内の集計値）。</p> <p>平成30年7月豪雨は岡山市資料による（H31. 1. 25時点）。</p> <p><達成すべき目標></p> <ul style="list-style-type: none"> 洪水調節 <p><政策体系上の位置付け></p> <ul style="list-style-type: none"> 政策目標：水害等災害による被害の軽減 施策目標：水害・土砂災害の防止・防災を推進する | | | | | | | | |
| 便益の主な根拠 | 年平均浸水軽減世帯数：500世帯 年平均浸水軽減面積：42ha | | | | | | | | |
| 事業全体の投資効率性 | B：総便益 | （億円） | C：総費用 | （億円） | B/C | B-C | EIRR（%） | 基準年度 | |
| | 全体事業 | 総便益 | 1,112 | 総費用 | 312 | 3.6 | 800 | 10.4% | R4 |
| | 残事業 | 総便益 | 1,112 | 総費用 | 294 | 3.8 | 818 | 11.0% | R4 |
| 感度分析 | | | | | 全体事業（B/C） | | 残事業（B/C） | | |
| | 残事業費（+10%～-10%） | | 3.2～4.0 | | | 3.4～4.2 | | | |
| | 残工期（+10%～-10%） | | 3.4～3.7 | | | 3.6～3.9 | | | |
| | 資産（-10%～+10%） | | 3.2～3.9 | | | 3.4～4.2 | | | |
| 事業の効果等 | <ul style="list-style-type: none"> 旭川水系河川整備計画【大臣管理区間】変更の目標規模（年超過確率1/70程度）の洪水を想定した場合、浸水世帯数約30,400世帯、浸水面積約2,300haの被害が想定されるが、事業実施により浸水世帯数約29,100世帯、浸水面積約2,100haの軽減がみられる。 河川整備計画の目標規模において事業実施前後で、想定死者数（避難率40%）約30人減、電力停止による影響人口約25,900人減などと想定している。 | | | | | | | | |
| 社会経済情勢等の変化 | <p><治水計画></p> <ul style="list-style-type: none"> 旭川水系河川整備基本方針の策定（平成20年1月） 旭川水系河川整備計画（国管理区間）の策定（平成25年3月） 旭川水系河川整備計画【大臣管理区間】の変更（令和元年6月） <p><地域の状況></p> <ul style="list-style-type: none"> 旭川流域は、岡山県の3市4町1村（岡山市、真庭市、赤磐市、吉備中央町、久米南町、美咲町、鏡野町、新庄村）からなる。 岡山市の人口は、岡山県内の市町村人口で最も多く、岡山市の総人口及び総世帯数はほぼ横ばいである。 <p><地域の協力体制></p> <ul style="list-style-type: none"> 旭川水系の関係市町村が「旭川・百間川（旭川放水路）改修促進期成会」を組織し、旭川水系の治水対策の促進を強く要望している。 <p><事業に関わる地域の人口、資産等の変化></p> <p>【関係市指標：岡山市】</p> <ul style="list-style-type: none"> ○人口：1.01倍（724,691人／719,474人）（R2数値／H27数値） ○世帯数：1.06倍（327,620世帯／309,409世帯）（" "） ○事業所：0.96倍（31,798事業所／33,016事業所）（H28数値／H26数値） ○従業者数：0.95倍（341,398人／360,610人）（" "） <p>（出典）人口・世帯数：国勢調査（R2、H27）、事業所・従業者数：経済センサス（H28、H26）</p> | | | | | | | | |

| | |
|------------------|---|
| 事業の進捗状況 | <ul style="list-style-type: none"> ・令和元年6月 旭川水系河川整備計画【大臣管理区間】(変更) ・令和元年8月 旭川中上流ダム再生事業の新規事業採択時評価の対応方針を決定・公表 ・令和2年4月 旭川中上流ダム再生事業 実施計画調査着手 ・現在、地形測量、地質調査(ボーリング調査)、環境調査等を行っている。 |
| 事業の進捗の見込み | <ul style="list-style-type: none"> ・旭川中上流ダム再生事業は、令和3年度迄に地質調査等を実施。事業費ベースで約4%【約20億円/約450億円(税込)】(令和4年度末)の事業進捗となっており、今後引き続き実施計画調査を進め、建設事業に移行し、令和19年度に完了する見込みである。 ・地域から早期に完成を望む声が大きく、地元自治体等からの協力体制も確立されている。 |
| コスト縮減や代替案立案等の可能性 | <ul style="list-style-type: none"> ・設計段階において、新技術・新工法の積極的な活用や施設の長寿命化等のライフサイクルコストを意識し、コスト縮減に努める。 ・「旭川水系河川整備計画【大臣管理区間】(変更)令和元年6月」で位置付けられた、既設ダムの「洪水調節機能の向上等を図る対策」と同等の効果を発揮し、洪水を安全に流下させることのできる対策案として、令和元年度に実施した計画段階評価において、現計画案(旭川ダム等有効活用)と現計画案以外の複数案を比較し、コスト、実現性、地域社会への影響など複数の評価軸毎に評価し、最も有利な案は現計画案(旭川ダム等有効活用)と評価しており、現時点においてもコスト面での優劣に変化はなく、総合的な評価結果には影響を与えない。 |
| 対応方針 | 継続 |
| 対応方針理由 | <ul style="list-style-type: none"> ・旭川水系の治水安全度向上の必要性、費用対効果、地元の協力体制等を鑑み、事業継続することは妥当と考える |
| その他 | — |

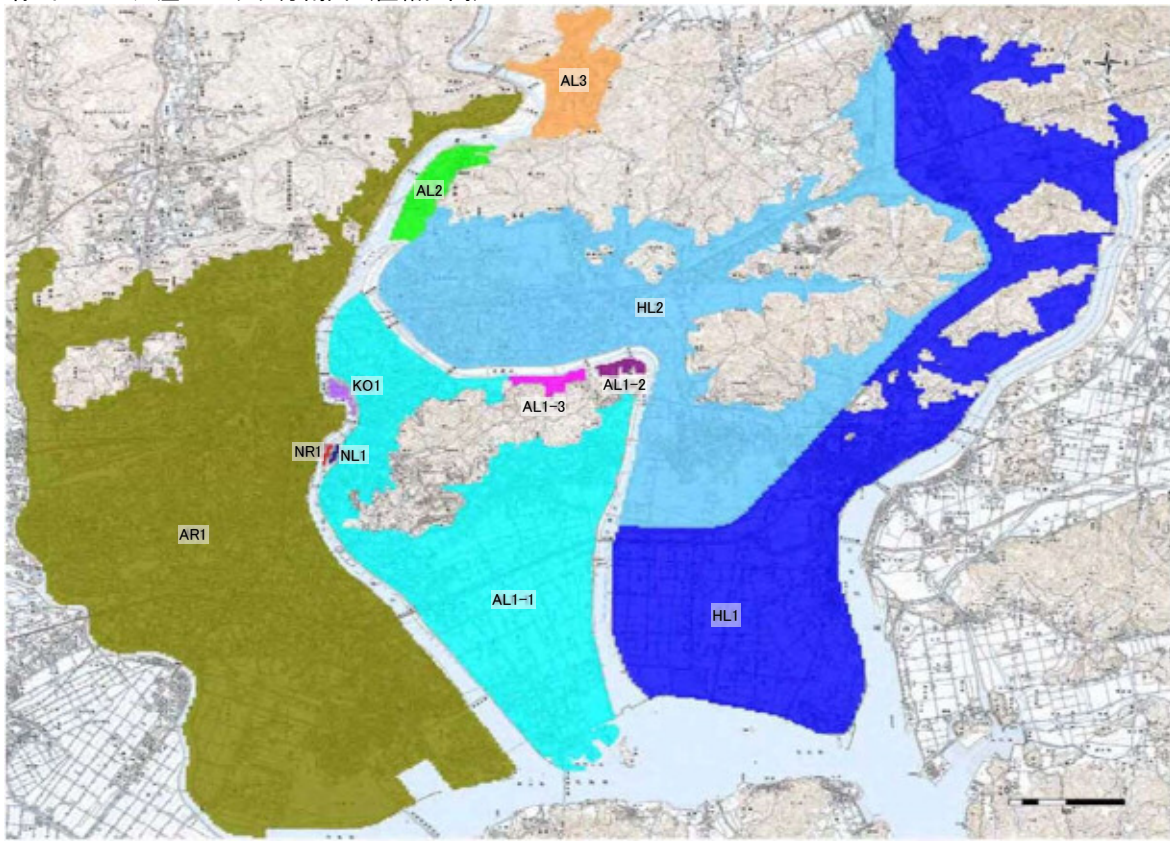
旭川中上流ダム再生事業
「費用便益比(B/C)算定等資料」

全体事業(令和2年～令和19年)

残事業(令和5年～令和19年)

様式集

様式-1 氾濫ブロック分割図（直轄区間）



様式-2

資産データ

水系名：旭川

河川名：旭川・百間川

国勢調査年：平成27年

経済センサス調査年：平成28年

| 氾濫 ブロック | ブロック 面積 (ha) | 一般資産等基礎数量 | | | | | | | 一般資産額（百万円） | | | | | | | 農作物資産額（百万円） | | | 一般資産額等合計 | 備考 | |
|------------|--------------------|-----------|-------------|---------------------------|--------------|--------------|--------------|-------------|------------|-----------|---------|---------|-------|-------|------------|-------------|-----|-------|------------|----|--|
| | | 人口 (人) | 世帯数 (世帯) | 従業者数 (産業分類別に算出) (人) | 農漁家数 (世帯) | 延床面積 (ha) | 水田面積 (ha) | 畑面積 (ha) | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | 小計 | | | |
| | | | | | | | | | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | |
| AL1-1 | 2,225 | 83,101 | 34,953 | 34,554 | 323 | 521 | 562 | 2 | 1,081,576 | 438,213 | 131,486 | 53,726 | 681 | 219 | 1,705,901 | 668 | 8 | 676 | 1,706,577 | | |
| AL1-2 | 21 | 68 | 24 | 82 | 2 | 1 | 6 | 0 | 2,092 | 301 | 241 | 158 | 4 | 1 | 2,797 | 8 | 0 | 8 | 2,805 | | |
| AL1-3 | 29 | 234 | 75 | 89 | 0 | 1 | 7 | 6 | 1,699 | 940 | 142 | 39 | 0 | 0 | 2,820 | 9 | 18 | 27 | 2,847 | | |
| AL2 | 117 | 1,663 | 307 | 1,398 | 38 | 8 | 20 | 24 | 15,619 | 3,846 | 2,343 | 550 | 80 | 26 | 22,464 | 24 | 76 | 100 | 22,564 | | |
| AL3 | 254 | 3,603 | 1,246 | 1,060 | 50 | 18 | 12 | 30 | 38,132 | 15,621 | 3,376 | 2,067 | 105 | 34 | 59,335 | 14 | 95 | 109 | 59,444 | | |
| AR1 | 5,566 | 281,764 | 139,536 | 200,080 | 681 | 2,090 | 549 | 20 | 4,336,300 | 1,749,374 | 699,406 | 300,538 | 1,434 | 461 | 7,087,513 | 653 | 63 | 716 | 7,088,229 | | |
| HL1 | 3,383 | 34,693 | 13,574 | 15,987 | 492 | 215 | 1,877 | 87 | 445,977 | 170,191 | 71,925 | 36,940 | 1,038 | 335 | 726,406 | 2,233 | 279 | 2,512 | 728,918 | | |
| HL2 | 2,824 | 87,552 | 35,758 | 21,173 | 641 | 539 | 840 | 124 | 1,117,654 | 448,307 | 71,541 | 42,061 | 1,350 | 436 | 1,681,349 | 999 | 397 | 1,396 | 1,682,745 | | |
| K01 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 3 | 73 | 41 | 54 | 0 | 1 | 0 | 0 | 2,778 | 517 | 482 | 91 | 0 | 0 | 3,868 | 0 | 0 | 0 | 3,868 | | |
| NR1 | 3 | 153 | 88 | 109 | 0 | 1 | 0 | 0 | 2,157 | 1,100 | 964 | 181 | 0 | 0 | 4,402 | 0 | 0 | 0 | 4,402 | | |
| 合計 | 14,437 | 492,904 | 225,602 | 274,586 | 2,227 | 3,395 | 3,874 | 293 | 7,043,984 | 2,828,410 | 981,906 | 436,351 | 4,692 | 1,512 | 11,296,855 | 4,608 | 936 | 5,544 | 11,302,399 | | |

様式-3

被害額（事業実施前）

水系名：旭川

河川名：旭川・百間川

流量規模：1/20

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|-------|-------|-----|-------|----|--------|----|-----|----------------|------------|------------------|------------|-----------|--------------|---------------------------|--------------|----|-------|--------|----|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 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 | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL3 | 4,913 | 3,590 | 754 | 463 | 23 | 11 | 9,754 | 3 | 39 | 42 | 7,795 | 313 | 261 | 155 | 416 | 224 | 55 | 0 | 1,008 | 18,600 | |
| AR1 | 41 | 36 | 1 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 62 | 1 | 3 | 1 | 4 | 2 | 1 | 0 | 7 | 148 | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 4,955 | 3,625 | 755 | 463 | 23 | 11 | 9,832 | 3 | 40 | 43 | 7,857 | 314 | 264 | 157 | 420 | 226 | 55 | 0 | 1,016 | 18,748 | |

様式-3

被害額（事業実施前）

水系名：旭川

河川名：旭川・百間川

流量規模：1/30

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|-------|-------|-----|-------|----|--------|----|-----|----------------|------------|------------------|------------------|-----------|--------------|---------------------------|--------------|----|-------|--------|----|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 畑作物 | | | 小計 | 家屋における 応急対策費用 | | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | 清掃労働 対価 | 代替活動 等 | | | | | | | 小計 |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL3 | 9,103 | 6,387 | 1,422 | 936 | 43 | 16 | 17,907 | 4 | 46 | 50 | 13,873 | 610 | 507 | 261 | 768 | 398 | 140 | 0 | 1,916 | 33,746 | |
| AR1 | 73 | 44 | 2 | 0 | 0 | 0 | 119 | 1 | 1 | 2 | 162 | 1 | 5 | 2 | 7 | 3 | 1 | 0 | 12 | 295 | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 9,177 | 6,431 | 1,424 | 936 | 43 | 16 | 18,026 | 5 | 48 | 52 | 14,035 | 611 | 512 | 263 | 775 | 401 | 141 | 0 | 1,928 | 34,041 | |

様式-3

被害額（事業実施前）

水系名：旭川

河川名：旭川・百間川

流量規模：1/50

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所 における 応急 対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|--------|-------|-------|-------|----|---------|-----|-----|----------------|------------|------------------|------------|-----------|--------------|-------------------------------|--------------|----|--------|---------|----|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | | | 小計 | 清掃労働 対価 | 代替活動 等 | | | | | | | 小計 |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 7,979 | 3,288 | 1,960 | 473 | 55 | 19 | 13,774 | 9 | 37 | 46 | 10,880 | 1,578 | 340 | 148 | 488 | 205 | 286 | 0 | 2,558 | 27,258 | |
| AL3 | 13,737 | 8,643 | 1,928 | 1,318 | 62 | 21 | 25,708 | 4 | 46 | 51 | 19,674 | 1,035 | 885 | 399 | 1,284 | 538 | 281 | 0 | 3,138 | 48,571 | |
| AR1 | 1,758 | 1,213 | 194 | 57 | 3 | 2 | 3,226 | 9 | 3 | 12 | 2,825 | 108 | 93 | 57 | 149 | 76 | 22 | 0 | 354 | 6,417 | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 58,060 | 37,716 | 5,395 | 2,896 | 29 | 18 | 104,114 | 106 | 3 | 109 | 83,504 | 3,905 | 5,428 | 3,085 | 8,513 | 2,350 | 647 | 0 | 15,414 | 203,141 | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 122 | 11 | 23 | 4 | 0 | 0 | 159 | 0 | 0 | 0 | 118 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 309 | |
| NR1 | 241 | 11 | 23 | 4 | 0 | 0 | 278 | 0 | 0 | 0 | 206 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 515 | |
| 合計 | 81,897 | 50,880 | 9,522 | 4,751 | 149 | 59 | 147,259 | 129 | 89 | 218 | 117,207 | 6,654 | 6,764 | 3,698 | 10,462 | 3,170 | 1,242 | 0 | 21,528 | 286,211 | |

様式-3

被害額（事業実施前）

水系名：旭川

河川名：旭川・百間川

流量規模：1/70

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所 における 応急 対策費 用 | その他 の間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|---------|--------|-------|-------|-----|---------|-----|-----|-----|----------------|------------|------------------|-----------|--------|--------------|-------------------------------|--------------|--------|---------|----|---|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 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 | | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AL2 | 9,011 | 3,470 | 2,060 | 499 | 64 | 20 | 15,124 | 9 | 37 | 46 | 11,881 | 1,946 | 410 | 172 | 582 | 216 | 371 | 0 | 3,116 | 30,167 | | |
| AL3 | 16,069 | 9,553 | 2,066 | 1,417 | 72 | 23 | 29,200 | 5 | 46 | 51 | 22,273 | 1,255 | 1,112 | 478 | 1,590 | 595 | 361 | 0 | 3,800 | 55,325 | | |
| AR1 | 4,609 | 3,898 | 400 | 126 | 6 | 3 | 9,042 | 14 | 4 | 18 | 7,328 | 196 | 255 | 155 | 411 | 243 | 53 | 0 | 903 | 17,290 | | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HL2 | 133,350 | 112,283 | 14,305 | 7,644 | 108 | 62 | 267,752 | 186 | 7 | 193 | 207,219 | 6,705 | 8,213 | 5,325 | 13,539 | 6,995 | 1,311 | 0 | 28,551 | 503,714 | | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NL1 | 155 | 11 | 23 | 4 | 0 | 0 | 192 | 0 | 0 | 0 | 142 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 366 | | |
| NR1 | 241 | 95 | 83 | 14 | 0 | 0 | 434 | 0 | 0 | 0 | 322 | 33 | 19 | 11 | 31 | 6 | 6 | 0 | 76 | 831 | | |
| 合計 | 163,434 | 129,310 | 18,938 | 9,703 | 249 | 109 | 321,743 | 213 | 95 | 308 | 249,166 | 10,150 | 10,019 | 6,146 | 16,165 | 8,056 | 2,106 | 0 | 36,477 | 607,693 | | |

様式-3

被害額（事業実施前）

水系名：旭川

河川名：旭川・百間川

流量規模：1/100

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | | |
|------------|---------|---------|--------|--------|-------|-----|---------|-----|-----|----------------|------------|------------------|------------------|-----------|--------------|---------------------------|--------------|----|--------|-----------|----|--|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 畑作物 | | | 小計 | 家屋における 応急対策費用 | | | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | 清掃労働 対価 | 代替活動 等 | | | | | | | 小計 | |
| AL1-1 | 31,794 | 26,220 | 3,779 | 1,663 | 15 | 8 | 63,478 | 5 | 3 | 8 | 47,309 | 2,492 | 2,316 | 1,530 | 3,846 | 1,634 | 394 | 0 | 8,365 | 119,160 | | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 9,588 | 3,536 | 2,095 | 508 | 69 | 21 | 15,818 | 9 | 38 | 47 | 12,400 | 2,090 | 443 | 182 | 626 | 220 | 412 | 0 | 3,348 | 31,613 | | |
| AL3 | 18,287 | 10,260 | 2,183 | 1,505 | 78 | 25 | 32,339 | 5 | 46 | 51 | 24,606 | 1,491 | 1,315 | 546 | 1,862 | 639 | 446 | 0 | 4,438 | 61,435 | | |
| AR1 | 9,829 | 9,040 | 679 | 237 | 12 | 6 | 19,804 | 15 | 6 | 21 | 15,329 | 311 | 626 | 341 | 967 | 563 | 120 | 0 | 1,962 | 37,116 | | |
| HL1 | 20,305 | 14,716 | 6,977 | 3,492 | 111 | 59 | 45,660 | 448 | 11 | 459 | 50,659 | 1,927 | 936 | 561 | 1,497 | 917 | 424 | 0 | 4,765 | 101,543 | | |
| HL2 | 189,599 | 171,502 | 21,192 | 11,090 | 188 | 104 | 393,675 | 242 | 11 | 253 | 301,895 | 8,626 | 10,307 | 6,833 | 17,140 | 10,685 | 2,057 | 0 | 38,507 | 734,330 | | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 203 | 15 | 23 | 4 | 0 | 0 | 245 | 0 | 0 | 0 | 182 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 460 | | |
| NR1 | 316 | 198 | 138 | 24 | 0 | 0 | 676 | 0 | 0 | 0 | 501 | 39 | 19 | 13 | 33 | 12 | 6 | 0 | 90 | 1,267 | | |
| 合計 | 279,921 | 235,488 | 37,066 | 18,523 | 473 | 224 | 571,695 | 724 | 114 | 838 | 452,883 | 16,989 | 15,973 | 10,011 | 25,984 | 14,671 | 3,863 | 0 | 61,507 | 1,086,923 | | |

様式-3

被害額（事業実施前）

水系名：旭川

河川名：旭川・百間川

流量規模：1/150

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所 における 応急 対策費 用 | その他 の間接被害 | 小計 | 合計 | 備考 | | |
|------------|---------|---------|--------|--------|-------|-----|-----------|-----|-----|----------------|------------|------------------|------------|-----------|--------------|-------------------------------|--------------|----|---------|-----------|----|--|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | | | 小計 | 清掃労働 対価 | 代替活動 等 | | | | | | | 小計 | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | | | | | | | | | | |
| AL1-1 | 52,734 | 44,858 | 7,763 | 3,047 | 24 | 13 | 108,440 | 27 | 3 | 30 | 82,015 | 4,520 | 3,942 | 2,509 | 6,452 | 2,795 | 829 | 0 | 14,595 | 205,081 | | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 10,050 | 3,577 | 2,113 | 513 | 72 | 22 | 16,348 | 9 | 38 | 47 | 12,794 | 2,198 | 472 | 191 | 662 | 223 | 443 | 0 | 3,526 | 32,715 | | |
| AL3 | 19,986 | 10,828 | 2,264 | 1,559 | 83 | 26 | 34,747 | 5 | 46 | 51 | 26,393 | 1,634 | 1,482 | 601 | 2,083 | 675 | 501 | 0 | 4,892 | 66,083 | | |
| AR1 | 172,733 | 134,136 | 25,254 | 10,140 | 35 | 19 | 342,317 | 36 | 7 | 42 | 255,819 | 25,381 | 15,913 | 9,466 | 25,379 | 8,357 | 3,843 | 0 | 62,959 | 661,137 | | |
| HL1 | 21,230 | 15,148 | 7,265 | 3,679 | 115 | 60 | 47,497 | 450 | 11 | 461 | 52,030 | 1,999 | 979 | 581 | 1,560 | 944 | 439 | 0 | 4,941 | 104,930 | | |
| HL2 | 245,498 | 227,944 | 29,626 | 15,507 | 297 | 151 | 519,023 | 272 | 24 | 296 | 395,631 | 11,182 | 13,906 | 8,496 | 22,402 | 14,201 | 3,377 | 0 | 51,162 | 966,111 | | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 236 | 20 | 23 | 4 | 0 | 0 | 283 | 0 | 0 | 0 | 210 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 525 | | |
| NR1 | 350 | 238 | 138 | 24 | 0 | 0 | 751 | 0 | 0 | 0 | 557 | 39 | 19 | 13 | 33 | 15 | 6 | 0 | 93 | 1,400 | | |
| 合計 | 522,819 | 436,749 | 74,446 | 34,475 | 625 | 291 | 1,069,405 | 798 | 129 | 928 | 825,449 | 46,966 | 36,722 | 21,862 | 58,584 | 27,210 | 9,441 | 0 | 142,200 | 2,037,982 | | |

様式-3

被害額（事業実施後）

水系名：旭川

河川名：旭川・百間川

流量規模：1/30

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|-------|-------|-----|-------|----|--------|----|-----|----------------|------------|------------------|------------|-----------|--------------|---------------------------|--------------|----|-------|--------|----|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 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 | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL3 | 5,975 | 4,240 | 934 | 587 | 28 | 12 | 11,777 | 3 | 45 | 48 | 9,305 | 393 | 318 | 179 | 497 | 264 | 77 | 0 | 1,232 | 22,362 | |
| AR1 | 41 | 36 | 1 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 62 | 1 | 3 | 1 | 4 | 2 | 1 | 0 | 7 | 148 | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NR1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 合計 | 6,017 | 4,276 | 935 | 588 | 28 | 12 | 11,855 | 3 | 45 | 49 | 9,367 | 394 | 320 | 181 | 501 | 266 | 78 | 0 | 1,239 | 22,510 | |

様式-3

被害額（事業実施後）

水系名：旭川

河川名：旭川・百間川

流量規模：1/50

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|-------|-------|-------|-------|----|--------|----|-----|----------------|------------|------------------|------------|-----------|--------------|---------------------------|--------------|----|-------|--------|----|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 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 | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL3 | 10,882 | 7,398 | 1,671 | 1,102 | 52 | 18 | 21,122 | 4 | 46 | 51 | 16,263 | 786 | 657 | 318 | 975 | 461 | 200 | 0 | 2,421 | 39,856 | |
| AR1 | 218 | 85 | 10 | 3 | 0 | 0 | 316 | 4 | 1 | 5 | 478 | 13 | 29 | 14 | 43 | 5 | 3 | 0 | 64 | 863 | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 32 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | |
| NR1 | 88 | 11 | 23 | 4 | 0 | 0 | 124 | 0 | 0 | 0 | 92 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 249 | |
| 合計 | 11,219 | 7,493 | 1,703 | 1,109 | 52 | 18 | 21,594 | 8 | 48 | 55 | 16,857 | 813 | 695 | 336 | 1,031 | 467 | 206 | 0 | 2,517 | 41,024 | |

様式-3

被害額（事業実施後）

水系名：旭川

河川名：旭川・百間川

流量規模：1/70

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | |
|------------|---------|-------|-------|-------|-------|----|--------|----|-----|----------------|------------|------------------|------------|-----------|--------------|---------------------------|--------------|----|-------|--------|----|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 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 | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL3 | 13,728 | 8,631 | 1,927 | 1,317 | 62 | 21 | 25,687 | 4 | 46 | 51 | 19,658 | 1,034 | 883 | 398 | 1,281 | 538 | 281 | 0 | 3,133 | 48,529 | |
| AR1 | 1,543 | 1,017 | 167 | 47 | 2 | 1 | 2,778 | 8 | 2 | 11 | 2,485 | 95 | 84 | 51 | 134 | 63 | 18 | 0 | 311 | 5,584 | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 122 | 11 | 23 | 4 | 0 | 0 | 159 | 0 | 0 | 0 | 118 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 309 | |
| NR1 | 241 | 14 | 23 | 4 | 0 | 0 | 281 | 0 | 0 | 0 | 208 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 521 | |
| 合計 | 15,635 | 9,672 | 2,140 | 1,372 | 64 | 22 | 28,905 | 13 | 49 | 61 | 22,469 | 1,158 | 985 | 458 | 1,443 | 603 | 305 | 0 | 3,508 | 54,944 | |

様式-3

被害額（事業実施後）

水系名：旭川

河川名：旭川・百間川

流量規模：1/100

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所 における 応急 対策費 用 | その他 の間接被害 | 小計 | 合計 | 備考 | | |
|------------|---------|---------|--------|-------|-------|-----|---------|-----|-----|----------------|------------|------------------|------------------|-----------|--------------|-------------------------------|--------------|----|--------|---------|----|--|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稲 | 畑作物 | | | 小計 | 家屋における 応急対策費用 | | | | | | | | | |
| | | | 償却 | 在庫 | 償却 | 在庫 | | | | | | | 清掃労働 対価 | 代替活動 等 | | | | | | | 小計 | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 8,803 | 3,426 | 2,036 | 493 | 63 | 20 | 14,841 | 9 | 37 | 46 | 11,671 | 1,843 | 391 | 165 | 556 | 213 | 349 | 0 | 2,962 | 29,520 | | |
| AL3 | 15,836 | 9,470 | 2,057 | 1,410 | 71 | 23 | 28,867 | 5 | 46 | 51 | 22,026 | 1,230 | 1,082 | 468 | 1,550 | 590 | 351 | 0 | 3,721 | 54,666 | | |
| AR1 | 3,542 | 2,805 | 343 | 105 | 5 | 3 | 6,803 | 13 | 4 | 17 | 5,658 | 177 | 195 | 119 | 315 | 175 | 42 | 0 | 708 | 13,186 | | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 133,956 | 113,041 | 14,439 | 7,698 | 107 | 62 | 269,304 | 188 | 7 | 195 | 208,379 | 6,728 | 8,190 | 5,339 | 13,529 | 7,042 | 1,303 | 0 | 28,602 | 506,480 | | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 122 | 11 | 23 | 4 | 0 | 0 | 159 | 0 | 0 | 0 | 118 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 309 | | |
| NR1 | 241 | 14 | 23 | 4 | 0 | 0 | 281 | 0 | 0 | 0 | 208 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 521 | | |
| 合計 | 162,501 | 128,766 | 18,922 | 9,713 | 245 | 108 | 320,254 | 215 | 94 | 309 | 248,061 | 10,007 | 9,876 | 6,100 | 15,977 | 8,022 | 2,052 | 0 | 36,057 | 604,682 | | |

様式-3

被害額（事業実施後）

水系名：旭川

河川名：旭川・百間川

流量規模：1/150

（単位：百万円）

| 氾濫 ブロック | 一般資産被害額 | | | | | | 農作物被害額 | | | | 公共土木施 設等被害額 | 営業停止 損失 | 家屋における 応急対策費用 | | | 行政応急 対策費用 | 事業所に おける応 急対策費 用 | その他の 間接被害 | 小計 | 合計 | 備考 | | |
|------------|---------|---------|--------|--------|-------|-----|---------|-----|-----|-----|----------------|------------|------------------|-----------|--------|--------------|---------------------------|--------------|--------|---------|----|---|--|
| | 家屋 | 家庭用品 | 事業所資産 | | 農漁家資産 | | 小計 | 水稻 | 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 | | | | | | | | | | | | | | | | | |
| AL1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| AL1-2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL1-3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| AL2 | 9,451 | 3,522 | 2,091 | 507 | 67 | 21 | 15,660 | 9 | 38 | 47 | 12,283 | 2,059 | 432 | 179 | 611 | 219 | 401 | 0 | 3,291 | 31,280 | | | |
| AL3 | 18,357 | 10,276 | 2,186 | 1,507 | 78 | 25 | 32,428 | 5 | 46 | 51 | 24,673 | 1,497 | 1,321 | 548 | 1,869 | 640 | 449 | 0 | 4,456 | 61,608 | | | |
| AR1 | 10,458 | 9,549 | 711 | 254 | 13 | 7 | 20,992 | 15 | 6 | 21 | 16,211 | 321 | 673 | 359 | 1,032 | 595 | 127 | 0 | 2,075 | 39,298 | | | |
| HL1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HL2 | 204,811 | 188,944 | 23,549 | 12,261 | 212 | 116 | 429,893 | 251 | 17 | 268 | 329,151 | 9,291 | 11,021 | 7,260 | 18,281 | 11,771 | 2,354 | 0 | 41,697 | 801,010 | | | |
| KO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| NL1 | 203 | 15 | 23 | 4 | 0 | 0 | 245 | 0 | 0 | 0 | 182 | 14 | 9 | 4 | 14 | 1 | 3 | 0 | 32 | 460 | | | |
| NR1 | 316 | 159 | 138 | 24 | 0 | 0 | 637 | 0 | 0 | 0 | 473 | 39 | 19 | 13 | 33 | 10 | 6 | 0 | 88 | 1,198 | | | |
| 合計 | 243,596 | 212,466 | 28,698 | 14,557 | 370 | 169 | 499,856 | 280 | 107 | 387 | 382,973 | 13,221 | 13,475 | 8,364 | 21,839 | 13,237 | 3,341 | 0 | 51,638 | 934,853 | | | |

様式－４

年平均被害軽減期待額

水系名：旭川

河川名：旭川・百間川

対象河道：令和19年

単位：百万円

| 流量規模 | 超過確率 | 被害額 | | | 区間平均 被害 軽減額 ④ | 区間確率 ⑤ | 年平均 被害 軽減額 ④×⑤ | 年平均被害軽減額の累計 =年平均被害軽減期待額 | 備考 |
|-------|---------|---------------------|--------------------|--------------|------------------------|-----------|-------------------------|----------------------------|----|
| | | 事業を実施 しない場合 ① | 事業を実施 した場合 ② | 軽減額 ③=①-② | | | | | |
| 1/5 | 0.20000 | 0 | 0 | 0 | — | — | — | 0 | |
| 1/10 | 0.10000 | 0 | 0 | 0 | 0 | 0.100 | 0 | 0 | |
| 1/20 | 0.05000 | 18,748 | 0 | 18,748 | 9,374 | 0.050 | 469 | 469 | |
| 1/30 | 0.03333 | 34,041 | 22,510 | 11,531 | 15,140 | 0.017 | 257 | 726 | |
| 1/50 | 0.02000 | 286,211 | 41,024 | 245,188 | 128,360 | 0.013 | 1,669 | 2,395 | |
| 1/70 | 0.01429 | 607,693 | 54,944 | 552,749 | 398,968 | 0.006 | 2,394 | 4,789 | |
| 1/100 | 0.01000 | 1,086,923 | 604,682 | 482,241 | 517,495 | 0.004 | 2,070 | 6,859 | |
| 1/150 | 0.00667 | 2,037,982 | 934,853 | 1,103,129 | 792,685 | 0.003 | 2,378 | 9,237 | |

様式-5

費用対便益 (全体事業)

水系名: 旭川 河川名: 旭川・百間川

単位: 百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | |
|---|---|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|------|--------|--------------|--------------|--------|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | 計③+④ | | | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | | |
| | R 1 | -3 | 1.125 | | | | | | | | | | | | | |
| 投資 往 | R 2 | -2 | 1.082 | 1.000 | | | | 630 | 681 | | | | 630 | 681 | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | 550 | 572 | | | | 550 | 572 | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | 495 | 495 | | | | 495 | 495 | | |
| | R 5 | 1 | 0.962 | 1.000 | | | | 1,564 | 1,504 | | | | 1,564 | 1,504 | | |
| 現 時 点 か ら の 整 備 期 間 (R55R19年) | R 6 | 2 | 0.925 | 1.000 | | | | 1,746 | 1,614 | | | | 1,746 | 1,614 | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,942 | 1,726 | | | | 1,942 | 1,726 | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 587 | 502 | | | | 587 | 502 | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,620 | 2,154 | | | | 2,620 | 2,154 | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 3,270 | 2,584 | | | | 3,270 | 2,584 | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 4,200 | 3,191 | | | | 4,200 | 3,191 | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 8,872 | 6,483 | | | | 8,872 | 6,483 | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,826 | 2,688 | | | | 3,826 | 2,688 | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,497 | 1,687 | | | | 2,497 | 1,687 | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,923 | 1,249 | | | | 1,923 | 1,249 | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,923 | 1,201 | | | | 1,923 | 1,201 | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 2,032 | 1,220 | | | | 2,032 | 1,220 | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 2,019 | 1,166 | | | | 2,019 | 1,166 | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 275 | 152 | | | | 275 | 152 | | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | 25 | 13 | 25 | 13 | | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | 25 | 13 | 25 | 13 | | |
| | | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | |
| | | R 24 | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | | |
| R 51 | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | | |
| R 52 | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | | |
| R 68 | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | 25 | 2 | 25 | 2 | | | | |
| R 69 | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | 25 | 2 | 25 | 2 | | | | |
| 合 計 | | | | | 461,829 | 110,178 | 982 | 111,160 | 40,970 | 30,869 | 1,250 | 297 | 42,220 | 31,166 | 3.6 | 79,994 |

様式-5

費用対便益（残事業）

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | |
|---|---|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|------|--------|--------------|--------------|--------|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | 計③+④ | | | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | | |
| | R 1 | -3 | 1.125 | | | | | | | | | | | | | |
| 投資 往 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | | | | | | | | |
| | | | | | | | | 0 | 0 | | | | | 0 | 0 | |
| 現 時 点 か ら の 整 備 期 間 (R55 R19年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,564 | 1,504 | | | | | 1,564 | 1,504 | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,746 | 1,614 | | | | | 1,746 | 1,614 | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,942 | 1,726 | | | | | 1,942 | 1,726 | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 587 | 502 | | | | | 587 | 502 | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,620 | 2,154 | | | | | 2,620 | 2,154 | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 3,270 | 2,584 | | | | | 3,270 | 2,584 | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 4,200 | 3,191 | | | | | 4,200 | 3,191 | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 8,872 | 6,483 | | | | | 8,872 | 6,483 | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,826 | 2,688 | | | | | 3,826 | 2,688 | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,497 | 1,687 | | | | | 2,497 | 1,687 | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,923 | 1,249 | | | | | 1,923 | 1,249 | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,923 | 1,201 | | | | | 1,923 | 1,201 | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 2,032 | 1,220 | | | | | 2,032 | 1,220 | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 2,019 | 1,166 | | | | | 2,019 | 1,166 | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 275 | 152 | | | | | 275 | 152 | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | | 25 | 13 | 25 | 13 | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | | 25 | 13 | 25 | 13 | |
| | | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | | 25 | 12 | 25 | 12 | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | | 25 | 12 | 25 | 12 | |
| R 24 | | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | | 25 | 11 | 25 | 11 | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | | 25 | 11 | 25 | 11 | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | | 25 | 11 | 25 | 11 | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | | 25 | 10 | 25 | 10 | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | | 25 | 10 | 25 | 10 | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | | 25 | 9 | 25 | 9 | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | | 25 | 9 | 25 | 9 | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | | 25 | 9 | 25 | 9 | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | | 25 | 8 | 25 | 8 | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | | 25 | 8 | 25 | 8 | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | | 25 | 8 | 25 | 8 | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | | 25 | 7 | 25 | 7 | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | | 25 | 7 | 25 | 7 | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | | 25 | 7 | 25 | 7 | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | | 25 | 7 | 25 | 7 | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | | 25 | 6 | 25 | 6 | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | | 25 | 6 | 25 | 6 | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | | 25 | 6 | 25 | 6 | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | | 25 | 6 | 25 | 6 | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | | 25 | 5 | 25 | 5 | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | | 25 | 5 | 25 | 5 | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | | 25 | 5 | 25 | 5 | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | | 25 | 5 | 25 | 5 | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | | 25 | 5 | 25 | 5 | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | | 25 | 4 | 25 | 4 | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | | 25 | 4 | 25 | 4 | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | | 25 | 4 | 25 | 4 | | |
| R 51 | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | | 25 | 4 | 25 | 4 | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | | 25 | 3 | 25 | 3 | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | | 25 | 3 | 25 | 3 | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | | 25 | 3 | 25 | 3 | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | | 25 | 3 | 25 | 3 | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | | 25 | 3 | 25 | 3 | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | | 25 | 3 | 25 | 3 | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | | 25 | 3 | 25 | 3 | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | | 25 | 3 | 25 | 3 | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | | 25 | 2 | 25 | 2 | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | | 25 | 2 | 25 | 2 | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | | 25 | 2 | 25 | 2 | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | | 25 | 2 | 25 | 2 | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | | 25 | 2 | 25 | 2 | | | |
| R 68 | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | | 25 | 2 | 25 | 2 | | | |
| R 69 | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | | 25 | 2 | 25 | 2 | | | |
| 合 計 | | | | | 461,829 | 110,178 | 1,060 | 111,238 | 39,295 | 29,121 | 1,250 | 297 | 40,545 | 29,418 | 3.8 | 81,820 |

事業費の内訳書

ダム事業

| | |
|-----|-------------|
| 事業名 | 旭川中上流ダム再生事業 |
|-----|-------------|

| | | |
|------|----|-----|
| 評価年度 | R4 | 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 | 34,680 | |
| | ダム費 | | 式 | 1 | 26,270 | |
| | | 掘削 | 式 | 1 | 2,455 | |
| | | コンクリート工 | 式 | 1 | 4,084 | |
| | | 鉄管工 | 式 | 1 | 1,733 | |
| | | グラウチング工 | 式 | 1 | 2,356 | |
| | | 放流設備 | 式 | 1 | 3,797 | |
| | | 雑工事 | 式 | 1 | 9,563 | |
| | | 湯原ダムグラウト他 | 式 | 1 | 2,281 | |
| | 管理設備費 | | 式 | 1 | 968 | |
| | | 通信観測警報設備 | 式 | 1 | 582 | |
| | | 電気設備 | 式 | 1 | 174 | |
| | | 建物 | 式 | 1 | 85 | |
| | | 諸設備 | 式 | 1 | 128 | |
| | 仮設備費 | | 式 | 1 | 7,442 | |
| | | トンネル洪水吐き等 | 式 | 1 | 7,442 | |
| 補償費 | | | 式 | 1 | 669 | |
| | 用地及び補償費 | | 式 | 1 | 669 | |
| | | 用地及び補償費 | 式 | 1 | 669 | |
| 間接経費等 | | | 式 | 1 | 5,992 | |
| | 測量設計費費 | | 式 | 1 | 5,621 | |
| | 船舶及び機械器具費 | | 式 | 1 | 252 | |
| | 営繕費 | | 式 | 1 | 119 | |
| 工事諸費 | | | 式 | 1 | 3,660 | |
| 事業費計 | | | 式 | 1 | 45,000 | 事業費 450億円 |
| 維持管理費 | | | 式 | 1 | 28 | 1年当り維持管理費 |

感度分析(全体事業)

様式-5

費用対便益 (全体事業：事業費+10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C |
|---|---|-------|-----------|----------------|---------|-----------|-----------|----------|---------|--------|--------|------|--------|--------|--------------|--------------|
| | | | | | 便 益 | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | | | 便益 | 現在価値 ① | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | | 693 | 749 | | | | 693 | 749 | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | 605 | 629 | | | | 605 | 629 | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | 544 | 544 | | | | 544 | 544 | |
| | R 5 | 1 | 0.962 | 1.000 | | | | | 1,721 | 1,654 | | | | 1,721 | 1,654 | |
| 現 時 点 か ら の 整 備 期 間 (R5~R19年) | R 6 | 2 | 0.925 | 1.000 | | | | | 1,921 | 1,776 | | | | 1,921 | 1,776 | |
| | R 7 | 3 | 0.889 | 1.000 | | | | | 2,136 | 1,899 | | | | 2,136 | 1,899 | |
| | R 8 | 4 | 0.855 | 1.000 | | | | | 646 | 552 | | | | 646 | 552 | |
| | R 9 | 5 | 0.822 | 1.000 | | | | | 2,883 | 2,369 | | | | 2,883 | 2,369 | |
| | R 10 | 6 | 0.790 | 1.000 | | | | | 3,597 | 2,842 | | | | 3,597 | 2,842 | |
| | R 11 | 7 | 0.760 | 1.000 | | | | | 4,620 | 3,510 | | | | 4,620 | 3,510 | |
| | R 12 | 8 | 0.731 | 1.000 | | | | | 9,760 | 7,131 | | | | 9,760 | 7,131 | |
| | R 13 | 9 | 0.703 | 1.000 | | | | | 4,209 | 2,957 | | | | 4,209 | 2,957 | |
| | R 14 | 10 | 0.676 | 1.000 | | | | | 2,747 | 1,856 | | | | 2,747 | 1,856 | |
| | R 15 | 11 | 0.650 | 1.000 | | | | | 2,115 | 1,374 | | | | 2,115 | 1,374 | |
| | R 16 | 12 | 0.625 | 1.000 | | | | | 2,115 | 1,321 | | | | 2,115 | 1,321 | |
| | R 17 | 13 | 0.601 | 1.000 | | | | | 2,235 | 1,342 | | | | 2,235 | 1,342 | |
| | R 18 | 14 | 0.577 | 1.000 | | | | | 2,221 | 1,283 | | | | 2,221 | 1,283 | |
| | R 19 | 15 | 0.555 | 1.000 | | | | | 302 | 168 | | | | 302 | 168 | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | | 25 | 13 | 25 | 13 | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | | 25 | 13 | 25 | 13 | |
| | | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | | 25 | 12 | 25 | 12 | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | | 25 | 12 | 25 | 12 | |
| | | R 24 | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | | 25 | 11 | 25 | 11 | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | | 25 | 11 | 25 | 11 | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | | 25 | 11 | 25 | 11 | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | | 25 | 10 | 25 | 10 | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | | 25 | 10 | 25 | 10 | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | | 25 | 9 | 25 | 9 | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | | 25 | 9 | 25 | 9 | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | | 25 | 9 | 25 | 9 | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | | 25 | 8 | 25 | 8 | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | | 25 | 8 | 25 | 8 | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | | 25 | 8 | 25 | 8 | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | | 25 | 7 | 25 | 7 | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | | 25 | 7 | 25 | 7 | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | | 25 | 7 | 25 | 7 | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | | 25 | 7 | 25 | 7 | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | | 25 | 6 | 25 | 6 | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | | 25 | 6 | 25 | 6 | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | | 25 | 6 | 25 | 6 | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | | 25 | 6 | 25 | 6 | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | | 25 | 5 | 25 | 5 | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | | 25 | 5 | 25 | 5 | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | | 25 | 5 | 25 | 5 | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | | 25 | 5 | 25 | 5 | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | | 25 | 5 | 25 | 5 | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | | 25 | 4 | 25 | 4 | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | | 25 | 4 | 25 | 4 | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | | 25 | 4 | 25 | 4 | | |
| R 51 | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | | 25 | 4 | 25 | 4 | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | | 25 | 3 | 25 | 3 | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | | 25 | 3 | 25 | 3 | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | | 25 | 3 | 25 | 3 | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | | 25 | 3 | 25 | 3 | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | | 25 | 3 | 25 | 3 | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | | 25 | 3 | 25 | 3 | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | | 25 | 3 | 25 | 3 | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | | 25 | 3 | 25 | 3 | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | | 25 | 2 | 25 | 2 | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | | 25 | 2 | 25 | 2 | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | | 25 | 2 | 25 | 2 | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | | 25 | 2 | 25 | 2 | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | | 25 | 2 | 25 | 2 | | | |
| R 68 | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | | 25 | 2 | 25 | 2 | | | |
| R 69 | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | | 25 | 2 | 25 | 2 | | | |
| 合 計 | | | | | 461,829 | 110,178 | 1,081 | 111,259 | 45,067 | 33,956 | 1,250 | 297 | 46,317 | 34,253 | 3.2 | 77,006 |

様式-5

費用対便益 (全体事業: 事業費-10%)

水系名: 旭川 河川名: 旭川・百間川

単位: 百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | 費用便益比 B/C | 純現在価値 B-C | | | |
|---|---|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|--------------|--------------|--------|------|--------|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | | | 計③+④ | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | 567 | 613 | | | 567 | 613 | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | 495 | 515 | | | 495 | 515 | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | 445 | 445 | | | 445 | 445 | | | |
| | R 5 | 1 | 0.962 | 1.000 | | | | 1,408 | 1,354 | | | 1,408 | 1,354 | | | |
| 現 時 点 か ら の 整 備 期 間 (R5~R19年) | R 6 | 2 | 0.925 | 1.000 | | | | 1,572 | 1,453 | | | 1,572 | 1,453 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,747 | 1,553 | | | 1,747 | 1,553 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 529 | 452 | | | 529 | 452 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,358 | 1,938 | | | 2,358 | 1,938 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 2,943 | 2,326 | | | 2,943 | 2,326 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 3,780 | 2,872 | | | 3,780 | 2,872 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 7,985 | 5,835 | | | 7,985 | 5,835 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,443 | 2,419 | | | 3,443 | 2,419 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,248 | 1,518 | | | 2,248 | 1,518 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,730 | 1,124 | | | 1,730 | 1,124 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,730 | 1,081 | | | 1,730 | 1,081 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 1,829 | 1,098 | | | 1,829 | 1,098 | | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 1,817 | 1,049 | | | 1,817 | 1,049 | | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 247 | 137 | | | 247 | 137 | | | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | 25 | 13 | 25 | 13 | | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | 25 | 13 | 25 | 13 | | |
| | | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | |
| | | R 24 | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | | |
| R 68 | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | 25 | 2 | 25 | 2 | | | | |
| R 69 | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | 25 | 2 | 25 | 2 | | | | |
| 合 計 | | | | | 461,829 | 110,178 | 884 | 111,062 | 36,873 | 27,782 | 1,250 | 297 | 38,123 | 28,079 | 4.0 | 82,983 |

様式-5

費用対便益 (全体事業：工期+10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レター | 便 益 (B) | | | 費 用 (C) | | | | 費用便益比 B/C | 純現在価値 B-C | | | |
|---|---------------------------------|------|-----------|-----------|---------|-----------|-----------|---------|---------|--------|--------|--------------|--------------|--------|--------|-----|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | | | 計③+④ | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 額 | R 2 | -2 | 1.082 | 1.000 | | | | 630 | 681 | | | 630 | 681 | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | 550 | 572 | | | 550 | 572 | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | 495 | 495 | | | 495 | 495 | | | |
| | | | | | | | | | | | | | | | | |
| 現時 点から の整備 期間 (R55 R21年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,380 | 1,327 | | | 1,380 | 1,327 | | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,519 | 1,405 | | | 1,519 | 1,405 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,667 | 1,482 | | | 1,667 | 1,482 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 996 | 852 | | | 996 | 852 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 1,355 | 1,114 | | | 1,355 | 1,114 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 2,503 | 1,978 | | | 2,503 | 1,978 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 3,049 | 2,317 | | | 3,049 | 2,317 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 3,980 | 2,908 | | | 3,980 | 2,908 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 7,828 | 5,500 | | | 7,828 | 5,500 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 3,673 | 2,481 | | | 3,673 | 2,481 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 2,438 | 1,584 | | | 2,438 | 1,584 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,866 | 1,165 | | | 1,866 | 1,165 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 1,697 | 1,019 | | | 1,697 | 1,019 | | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 1,735 | 1,002 | | | 1,735 | 1,002 | | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 1,790 | 994 | | | 1,790 | 994 | | | |
| | R 20 | 16 | 0.534 | 1.000 | | | | 1,576 | 842 | | | 1,576 | 842 | | | |
| | R 21 | 17 | 0.513 | 1.000 | | | | 242 | 124 | | | 242 | 124 | | | |
| | 施設 完成後 の評価 期間 (50年) | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | |
| | | R 24 | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | |
| | | R 25 | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | |
| R 55 | | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | |
| R 56 | | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | |
| R 57 | | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | |
| R 58 | | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | |
| R 59 | | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | |
| R 60 | | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | |
| R 61 | | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | |
| R 62 | | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | |
| R 63 | | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | |
| R 64 | | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | |
| R 65 | | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | |
| R 66 | | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | |
| R 67 | | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | |
| R 68 | | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | 25 | 2 | 25 | 2 | | | |
| R 69 | | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | 25 | 2 | 25 | 2 | | | |
| R 70 | | 66 | 0.075 | 1.000 | 9,237 | 694 | | | | 25 | 2 | 25 | 2 | | | |
| R 71 | | 67 | 0.072 | 1.000 | 9,237 | 667 | | | | 25 | 2 | 25 | 2 | | | |
| 合計 | | | | | | 461,829 | 101,866 | 911 | 102,777 | 40,970 | 29,842 | 1,250 | 275 | 42,220 | 30,117 | 3.4 |

様式-5

費用対便益 (全体事業：工期-10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | |
|---|---|-------|-----------|----------------|---------|-----------|--------------|----------|--------|--------|--------|-------|--------|--------------|--------------|--------|
| | | | | | 便 益 | | 残 存 価 値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | | | 便 益 | 現在価値 ① | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | | | 現在価値 |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | 630 | 681 | | | 630 | 681 | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | 550 | 572 | | | 550 | 572 | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | 495 | 495 | | | 495 | 495 | | | |
| | | | | | | | | | | | | | | | | |
| 現 時 点 か ら の 整 備 期 間 (R5~R17年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,833 | 1,762 | | | 1,833 | 1,762 | | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 2,075 | 1,918 | | | 2,075 | 1,918 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,615 | 1,436 | | | 1,615 | 1,436 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 1,929 | 1,649 | | | 1,929 | 1,649 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 3,523 | 2,896 | | | 3,523 | 2,896 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 4,631 | 3,660 | | | 4,631 | 3,660 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 9,490 | 7,211 | | | 9,490 | 7,211 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 4,108 | 3,002 | | | 4,108 | 3,002 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 2,660 | 1,869 | | | 2,660 | 1,869 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,219 | 1,499 | | | 2,219 | 1,499 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 2,294 | 1,490 | | | 2,294 | 1,490 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 2,334 | 1,458 | | | 2,334 | 1,458 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 585 | 351 | | | 585 | 351 | | | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 18 | 14 | 0.577 | 1.000 | 9,237 | 5,334 | | | | 25 | 14 | 25 | 14 | | |
| | | R 19 | 15 | 0.555 | 1.000 | 9,237 | 5,129 | | | | 25 | 14 | 25 | 14 | | |
| | | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | 25 | 13 | 25 | 13 | | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | 25 | 13 | 25 | 13 | | |
| R 22 | | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | | |
| R 23 | | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | | |
| R 24 | | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | | |
| 合 計 | | | | | 461,829 | 119,168 | 1,068 | 120,236 | 40,970 | 31,949 | 1,250 | 321 | 42,220 | 32,270 | 3.7 | 87,966 |

様式-5

費用対便益 (全体事業：資産+10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | 費用便益比 B/C | 純現在価値 B-C | | | |
|-----------------------------|-------------------------|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|--------------|--------------|--------|------|--------|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | | | 計③+④ | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資額 既往 | R 2 | -2 | 1.082 | 1.000 | | | | 630 | 681 | | | 630 | 681 | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | 550 | 572 | | | 550 | 572 | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | 495 | 495 | | | 495 | 495 | | | |
| | R 5 | 1 | 0.962 | 1.000 | | | | 1,564 | 1,504 | | | 1,564 | 1,504 | | | |
| 現時点からの 整備期間 (R5~R19年) | R 6 | 2 | 0.925 | 1.000 | | | | 1,746 | 1,614 | | | 1,746 | 1,614 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,942 | 1,726 | | | 1,942 | 1,726 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 587 | 502 | | | 587 | 502 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,620 | 2,154 | | | 2,620 | 2,154 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 3,270 | 2,584 | | | 3,270 | 2,584 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 4,200 | 3,191 | | | 4,200 | 3,191 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 8,872 | 6,483 | | | 8,872 | 6,483 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,826 | 2,688 | | | 3,826 | 2,688 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,497 | 1,687 | | | 2,497 | 1,687 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,923 | 1,249 | | | 1,923 | 1,249 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,923 | 1,201 | | | 1,923 | 1,201 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 2,032 | 1,220 | | | 2,032 | 1,220 | | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 2,019 | 1,166 | | | 2,019 | 1,166 | | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 275 | 152 | | | 275 | 152 | | | |
| | 施設完成後の 評価期間 (50年) | R 20 | 16 | 0.534 | 1.000 | 10,160 | 5,425 | | | | 25 | 14 | 25 | 14 | | |
| | | R 21 | 17 | 0.513 | 1.000 | 10,160 | 5,216 | | | | 25 | 13 | 25 | 13 | | |
| | | R 22 | 18 | 0.494 | 1.000 | 10,160 | 5,015 | | | | 25 | 13 | 25 | 13 | | |
| | | R 23 | 19 | 0.475 | 1.000 | 10,160 | 4,822 | | | | 25 | 12 | 25 | 12 | | |
| | | R 24 | 20 | 0.456 | 1.000 | 10,160 | 4,637 | | | | 25 | 12 | 25 | 12 | | |
| R 25 | | 21 | 0.439 | 1.000 | 10,160 | 4,459 | | | | 25 | 11 | 25 | 11 | | | |
| R 26 | | 22 | 0.422 | 1.000 | 10,160 | 4,287 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 10,160 | 4,122 | | | | 25 | 11 | 25 | 11 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 10,160 | 3,964 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 10,160 | 3,811 | | | | 25 | 10 | 25 | 10 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 10,160 | 3,665 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 10,160 | 3,524 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 10,160 | 3,388 | | | | 25 | 9 | 25 | 9 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 10,160 | 3,258 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 10,160 | 3,133 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 10,160 | 3,012 | | | | 25 | 8 | 25 | 8 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 10,160 | 2,896 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 10,160 | 2,785 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 10,160 | 2,678 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 10,160 | 2,575 | | | | 25 | 7 | 25 | 7 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 10,160 | 2,476 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 10,160 | 2,381 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 10,160 | 2,289 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 10,160 | 2,201 | | | | 25 | 6 | 25 | 6 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 10,160 | 2,116 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 10,160 | 2,035 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 10,160 | 1,957 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 10,160 | 1,881 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 10,160 | 1,809 | | | | 25 | 5 | 25 | 5 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 10,160 | 1,739 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 10,160 | 1,673 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | 47 | 0.158 | 1.000 | 10,160 | 1,608 | | | | 25 | 4 | 25 | 4 | | | | |
| R 52 | 48 | 0.152 | 1.000 | 10,160 | 1,546 | | | | 25 | 4 | 25 | 4 | | | | |
| R 53 | 49 | 0.146 | 1.000 | 10,160 | 1,487 | | | | 25 | 4 | 25 | 4 | | | | |
| R 54 | 50 | 0.141 | 1.000 | 10,160 | 1,430 | | | | 25 | 4 | 25 | 4 | | | | |
| R 55 | 51 | 0.135 | 1.000 | 10,160 | 1,375 | | | | 25 | 4 | 25 | 4 | | | | |
| R 56 | 52 | 0.130 | 1.000 | 10,160 | 1,322 | | | | 25 | 3 | 25 | 3 | | | | |
| R 57 | 53 | 0.125 | 1.000 | 10,160 | 1,271 | | | | 25 | 3 | 25 | 3 | | | | |
| R 58 | 54 | 0.120 | 1.000 | 10,160 | 1,222 | | | | 25 | 3 | 25 | 3 | | | | |
| R 59 | 55 | 0.116 | 1.000 | 10,160 | 1,175 | | | | 25 | 3 | 25 | 3 | | | | |
| R 60 | 56 | 0.111 | 1.000 | 10,160 | 1,130 | | | | 25 | 3 | 25 | 3 | | | | |
| R 61 | 57 | 0.107 | 1.000 | 10,160 | 1,086 | | | | 25 | 3 | 25 | 3 | | | | |
| R 62 | 58 | 0.103 | 1.000 | 10,160 | 1,045 | | | | 25 | 3 | 25 | 3 | | | | |
| R 63 | 59 | 0.099 | 1.000 | 10,160 | 1,004 | | | | 25 | 3 | 25 | 3 | | | | |
| R 64 | 60 | 0.095 | 1.000 | 10,160 | 966 | | | | 25 | 2 | 25 | 2 | | | | |
| R 65 | 61 | 0.091 | 1.000 | 10,160 | 929 | | | | 25 | 2 | 25 | 2 | | | | |
| R 66 | 62 | 0.088 | 1.000 | 10,160 | 893 | | | | 25 | 2 | 25 | 2 | | | | |
| R 67 | 63 | 0.085 | 1.000 | 10,160 | 859 | | | | 25 | 2 | 25 | 2 | | | | |
| R 68 | 64 | 0.081 | 1.000 | 10,160 | 826 | | | | 25 | 2 | 25 | 2 | | | | |
| R 69 | 65 | 0.078 | 1.000 | 10,160 | 794 | | | | 25 | 2 | 25 | 2 | | | | |
| 合計 | | | | | 508,012 | 121,194 | 982 | 122,176 | 40,970 | 30,870 | 1,250 | 310 | 42,220 | 31,181 | 3.9 | 90,996 |

様式-5

費用対便益 (全体事業：資産-10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C |
|-------------------------|---------------------|-------|-----------|----------------|---------|-----------|-----------|----------|---------|--------|--------|------|--------|--------|--------------|--------------|
| | | | | | 便 益 | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | | | 便益 | 現在価値 ① | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資額 | R 2 | -2 | 1.082 | 1.000 | | | | | 630 | 681 | | | | 630 | 681 | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | 550 | 572 | | | | 550 | 572 | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | 495 | 495 | | | | 495 | 495 | |
| | R 5 | 1 | 0.962 | 1.000 | | | | | 1,564 | 1,504 | | | | 1,564 | 1,504 | |
| 現時点からの整備期間 (R5~R19年) | R 6 | 2 | 0.925 | 1.000 | | | | | 1,746 | 1,614 | | | | 1,746 | 1,614 | |
| | R 7 | 3 | 0.889 | 1.000 | | | | | 1,942 | 1,726 | | | | 1,942 | 1,726 | |
| | R 8 | 4 | 0.855 | 1.000 | | | | | 587 | 502 | | | | 587 | 502 | |
| | R 9 | 5 | 0.822 | 1.000 | | | | | 2,620 | 2,154 | | | | 2,620 | 2,154 | |
| | R 10 | 6 | 0.790 | 1.000 | | | | | 3,270 | 2,584 | | | | 3,270 | 2,584 | |
| | R 11 | 7 | 0.760 | 1.000 | | | | | 4,200 | 3,191 | | | | 4,200 | 3,191 | |
| | R 12 | 8 | 0.731 | 1.000 | | | | | 8,872 | 6,483 | | | | 8,872 | 6,483 | |
| | R 13 | 9 | 0.703 | 1.000 | | | | | 3,826 | 2,688 | | | | 3,826 | 2,688 | |
| | R 14 | 10 | 0.676 | 1.000 | | | | | 2,497 | 1,687 | | | | 2,497 | 1,687 | |
| | R 15 | 11 | 0.650 | 1.000 | | | | | 1,923 | 1,249 | | | | 1,923 | 1,249 | |
| | R 16 | 12 | 0.625 | 1.000 | | | | | 1,923 | 1,201 | | | | 1,923 | 1,201 | |
| | R 17 | 13 | 0.601 | 1.000 | | | | | 2,032 | 1,220 | | | | 2,032 | 1,220 | |
| | R 18 | 14 | 0.577 | 1.000 | | | | | 2,019 | 1,166 | | | | 2,019 | 1,166 | |
| | R 19 | 15 | 0.555 | 1.000 | | | | | 275 | 152 | | | | 275 | 152 | |
| | 施設完成後の評価期間 (50年) | R 20 | 16 | 0.534 | 1.000 | 8,313 | 4,438 | | | | | 25 | 13 | 25 | 13 | |
| | | R 21 | 17 | 0.513 | 1.000 | 8,313 | 4,268 | | | | | 25 | 13 | 25 | 13 | |
| | | R 22 | 18 | 0.494 | 1.000 | 8,313 | 4,103 | | | | | 25 | 12 | 25 | 12 | |
| | | R 23 | 19 | 0.475 | 1.000 | 8,313 | 3,946 | | | | | 25 | 12 | 25 | 12 | |
| | | R 24 | 20 | 0.456 | 1.000 | 8,313 | 3,794 | | | | | 25 | 11 | 25 | 11 | |
| R 25 | | 21 | 0.439 | 1.000 | 8,313 | 3,648 | | | | | 25 | 11 | 25 | 11 | | |
| R 26 | | 22 | 0.422 | 1.000 | 8,313 | 3,508 | | | | | 25 | 11 | 25 | 11 | | |
| R 27 | | 23 | 0.406 | 1.000 | 8,313 | 3,373 | | | | | 25 | 10 | 25 | 10 | | |
| R 28 | | 24 | 0.390 | 1.000 | 8,313 | 3,243 | | | | | 25 | 10 | 25 | 10 | | |
| R 29 | | 25 | 0.375 | 1.000 | 8,313 | 3,118 | | | | | 25 | 9 | 25 | 9 | | |
| R 30 | | 26 | 0.361 | 1.000 | 8,313 | 2,998 | | | | | 25 | 9 | 25 | 9 | | |
| R 31 | | 27 | 0.347 | 1.000 | 8,313 | 2,883 | | | | | 25 | 9 | 25 | 9 | | |
| R 32 | | 28 | 0.333 | 1.000 | 8,313 | 2,772 | | | | | 25 | 8 | 25 | 8 | | |
| R 33 | | 29 | 0.321 | 1.000 | 8,313 | 2,666 | | | | | 25 | 8 | 25 | 8 | | |
| R 34 | | 30 | 0.308 | 1.000 | 8,313 | 2,563 | | | | | 25 | 8 | 25 | 8 | | |
| R 35 | | 31 | 0.296 | 1.000 | 8,313 | 2,464 | | | | | 25 | 7 | 25 | 7 | | |
| R 36 | | 32 | 0.285 | 1.000 | 8,313 | 2,370 | | | | | 25 | 7 | 25 | 7 | | |
| R 37 | | 33 | 0.274 | 1.000 | 8,313 | 2,279 | | | | | 25 | 7 | 25 | 7 | | |
| R 38 | | 34 | 0.264 | 1.000 | 8,313 | 2,191 | | | | | 25 | 7 | 25 | 7 | | |
| R 39 | | 35 | 0.253 | 1.000 | 8,313 | 2,107 | | | | | 25 | 6 | 25 | 6 | | |
| R 40 | | 36 | 0.244 | 1.000 | 8,313 | 2,026 | | | | | 25 | 6 | 25 | 6 | | |
| R 41 | | 37 | 0.234 | 1.000 | 8,313 | 1,948 | | | | | 25 | 6 | 25 | 6 | | |
| R 42 | | 38 | 0.225 | 1.000 | 8,313 | 1,873 | | | | | 25 | 6 | 25 | 6 | | |
| R 43 | | 39 | 0.217 | 1.000 | 8,313 | 1,801 | | | | | 25 | 5 | 25 | 5 | | |
| R 44 | | 40 | 0.208 | 1.000 | 8,313 | 1,731 | | | | | 25 | 5 | 25 | 5 | | |
| R 45 | | 41 | 0.200 | 1.000 | 8,313 | 1,665 | | | | | 25 | 5 | 25 | 5 | | |
| R 46 | | 42 | 0.193 | 1.000 | 8,313 | 1,601 | | | | | 25 | 5 | 25 | 5 | | |
| R 47 | | 43 | 0.185 | 1.000 | 8,313 | 1,539 | | | | | 25 | 5 | 25 | 5 | | |
| R 48 | | 44 | 0.178 | 1.000 | 8,313 | 1,480 | | | | | 25 | 4 | 25 | 4 | | |
| R 49 | | 45 | 0.171 | 1.000 | 8,313 | 1,423 | | | | | 25 | 4 | 25 | 4 | | |
| R 50 | | 46 | 0.165 | 1.000 | 8,313 | 1,368 | | | | | 25 | 4 | 25 | 4 | | |
| R 51 | 47 | 0.158 | 1.000 | 8,313 | 1,316 | | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | 48 | 0.152 | 1.000 | 8,313 | 1,265 | | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | 49 | 0.146 | 1.000 | 8,313 | 1,217 | | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | 50 | 0.141 | 1.000 | 8,313 | 1,170 | | | | | 25 | 4 | 25 | 4 | | | |
| R 55 | 51 | 0.135 | 1.000 | 8,313 | 1,125 | | | | | 25 | 3 | 25 | 3 | | | |
| R 56 | 52 | 0.130 | 1.000 | 8,313 | 1,081 | | | | | 25 | 3 | 25 | 3 | | | |
| R 57 | 53 | 0.125 | 1.000 | 8,313 | 1,040 | | | | | 25 | 3 | 25 | 3 | | | |
| R 58 | 54 | 0.120 | 1.000 | 8,313 | 1,000 | | | | | 25 | 3 | 25 | 3 | | | |
| R 59 | 55 | 0.116 | 1.000 | 8,313 | 961 | | | | | 25 | 3 | 25 | 3 | | | |
| R 60 | 56 | 0.111 | 1.000 | 8,313 | 924 | | | | | 25 | 3 | 25 | 3 | | | |
| R 61 | 57 | 0.107 | 1.000 | 8,313 | 889 | | | | | 25 | 3 | 25 | 3 | | | |
| R 62 | 58 | 0.103 | 1.000 | 8,313 | 855 | | | | | 25 | 3 | 25 | 3 | | | |
| R 63 | 59 | 0.099 | 1.000 | 8,313 | 822 | | | | | 25 | 2 | 25 | 2 | | | |
| R 64 | 60 | 0.095 | 1.000 | 8,313 | 790 | | | | | 25 | 2 | 25 | 2 | | | |
| R 65 | 61 | 0.091 | 1.000 | 8,313 | 760 | | | | | 25 | 2 | 25 | 2 | | | |
| R 66 | 62 | 0.088 | 1.000 | 8,313 | 731 | | | | | 25 | 2 | 25 | 2 | | | |
| R 67 | 63 | 0.085 | 1.000 | 8,313 | 703 | | | | | 25 | 2 | 25 | 2 | | | |
| R 68 | 64 | 0.081 | 1.000 | 8,313 | 675 | | | | | 25 | 2 | 25 | 2 | | | |
| R 69 | 65 | 0.078 | 1.000 | 8,313 | 650 | | | | | 25 | 2 | 25 | 2 | | | |
| 合計 | | | | | 415,646 | 99,161 | 982 | 100,143 | 40,970 | 30,869 | 1,250 | 297 | 42,220 | 31,166 | 3.2 | 68,977 |

感度分析(残事業)

様式-5

費用対便益 (残事業: 事業費+10%)

水系名: 旭川 河川名: 旭川・百間川

単位: 百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | | |
|---|---|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|------|--------|--------------|--------------|--------|--|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | 計③+④ | | | | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | | | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | |
| | | | | | | | | 0 | 0 | | | | 0 | 0 | | | |
| 現 時 点 か ら の 整 備 期 間 (R55 R19年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,721 | 1,654 | | | | 1,721 | 1,654 | | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,921 | 1,776 | | | | 1,921 | 1,776 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 2,136 | 1,899 | | | | 2,136 | 1,899 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 646 | 552 | | | | 646 | 552 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,883 | 2,369 | | | | 2,883 | 2,369 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 3,597 | 2,842 | | | | 3,597 | 2,842 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 4,620 | 3,510 | | | | 4,620 | 3,510 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 9,760 | 7,131 | | | | 9,760 | 7,131 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 4,209 | 2,957 | | | | 4,209 | 2,957 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,747 | 1,856 | | | | 2,747 | 1,856 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 2,115 | 1,374 | | | | 2,115 | 1,374 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 2,115 | 1,321 | | | | 2,115 | 1,321 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 2,235 | 1,342 | | | | 2,235 | 1,342 | | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 2,221 | 1,283 | | | | 2,221 | 1,283 | | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 302 | 168 | | | | 302 | 168 | | | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | | | 25 | 13 | 25 | 13 | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | | | 25 | 13 | 25 | 13 | |
| | | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | | | 25 | 12 | 25 | 12 | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | | | 25 | 12 | 25 | 12 | |
| R 24 | | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | | | 25 | 11 | 25 | 11 | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | | | 25 | 11 | 25 | 11 | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | | | 25 | 11 | 25 | 11 | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | | | 25 | 10 | 25 | 10 | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | | | 25 | 10 | 25 | 10 | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | | | 25 | 9 | 25 | 9 | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | | | 25 | 9 | 25 | 9 | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | | | 25 | 9 | 25 | 9 | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | | | 25 | 8 | 25 | 8 | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | | | 25 | 8 | 25 | 8 | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | | | 25 | 8 | 25 | 8 | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | | | 25 | 7 | 25 | 7 | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | | | 25 | 7 | 25 | 7 | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | | | 25 | 7 | 25 | 7 | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | | | 25 | 7 | 25 | 7 | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | | | 25 | 6 | 25 | 6 | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | | | 25 | 6 | 25 | 6 | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | | | 25 | 6 | 25 | 6 | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | | | 25 | 6 | 25 | 6 | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | | | 25 | 5 | 25 | 5 | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | | | 25 | 5 | 25 | 5 | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | | | 25 | 5 | 25 | 5 | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | | | 25 | 5 | 25 | 5 | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | | | 25 | 5 | 25 | 5 | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | | | 25 | 4 | 25 | 4 | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | | | 25 | 4 | 25 | 4 | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | | | 25 | 4 | 25 | 4 | | |
| R 51 | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | | | 25 | 4 | 25 | 4 | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | | | 25 | 3 | 25 | 3 | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | | | 25 | 2 | 25 | 2 | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | | | 25 | 2 | 25 | 2 | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | | | 25 | 2 | 25 | 2 | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | | | 25 | 2 | 25 | 2 | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | | | 25 | 2 | 25 | 2 | | | |
| R 68 | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | | | 25 | 2 | 25 | 2 | | | |
| R 69 | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | | | 25 | 2 | 25 | 2 | | | |
| 合 計 | | | | | 461,829 | 110,178 | 1,166 | 111,344 | 43,225 | 32,034 | 1,250 | 297 | 44,475 | 32,331 | 3.4 | 79,013 | |

様式-5

費用対便益 (残事業: 事業費-10%)

水系名: 旭川 河川名: 旭川・百間川

単位: 百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | 費用便益比 B/C | 純現在価値 B-C | | | |
|-------------------------------------|---------------------------------|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|--------------|--------------|--------|------|--------|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | | | 計③+④ | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | | | | | | | | |
| | | | | | | | 0 | 0 | | | 0 | 0 | | | | |
| 現時 点から の整備 期間 (R5~R19年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,408 | 1,354 | | | 1,408 | 1,354 | | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,572 | 1,453 | | | 1,572 | 1,453 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,747 | 1,553 | | | 1,747 | 1,553 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 529 | 452 | | | 529 | 452 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,358 | 1,938 | | | 2,358 | 1,938 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 2,943 | 2,326 | | | 2,943 | 2,326 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 3,780 | 2,872 | | | 3,780 | 2,872 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 7,985 | 5,835 | | | 7,985 | 5,835 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,443 | 2,419 | | | 3,443 | 2,419 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,248 | 1,518 | | | 2,248 | 1,518 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,730 | 1,124 | | | 1,730 | 1,124 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,730 | 1,081 | | | 1,730 | 1,081 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 1,829 | 1,098 | | | 1,829 | 1,098 | | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 1,817 | 1,049 | | | 1,817 | 1,049 | | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 247 | 137 | | | 247 | 137 | | | |
| | 施設 完成後 の評価 期間 (50年) | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | 25 | 13 | 25 | 13 | | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | 25 | 13 | 25 | 13 | | |
| | | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | |
| R 24 | | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | | |
| R 52 | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | | |
| R 68 | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | 25 | 2 | 25 | 2 | | | | |
| R 69 | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | 25 | 2 | 25 | 2 | | | | |
| 合 計 | | | | | 461,829 | 110,178 | 954 | 111,132 | 35,366 | 26,209 | 1,250 | 297 | 36,616 | 26,506 | 4.2 | 84,626 |

様式-5

費用対便益（残事業：工期+10%）

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レター | 便 益 (B) | | | 費 用 (C) | | | | 費用便益比 B/C | 純現在価値 B-C | | | |
|---|---|------|-----------|-----------|---------|-----------|-----------|---------|---------|--------|--------|--------------|--------------|--------|--------|-----|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | | | 計③+④ | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | | | 費用 | 現在価値 | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 額 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | 0 | 0 | | | 0 | 0 | | | |
| | | | | | | | | | | | | | | | | |
| 現 時 点 か ら の 整 備 期 間 (R55 R21年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,380 | 1,327 | | | 1,380 | 1,327 | | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,519 | 1,405 | | | 1,519 | 1,405 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,667 | 1,482 | | | 1,667 | 1,482 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 996 | 852 | | | 996 | 852 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 1,355 | 1,114 | | | 1,355 | 1,114 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 2,503 | 1,978 | | | 2,503 | 1,978 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 3,049 | 2,317 | | | 3,049 | 2,317 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 3,980 | 2,908 | | | 3,980 | 2,908 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 7,828 | 5,500 | | | 7,828 | 5,500 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 3,673 | 2,481 | | | 3,673 | 2,481 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 2,438 | 1,584 | | | 2,438 | 1,584 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,866 | 1,165 | | | 1,866 | 1,165 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 1,697 | 1,019 | | | 1,697 | 1,019 | | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 1,735 | 1,002 | | | 1,735 | 1,002 | | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 1,790 | 994 | | | 1,790 | 994 | | | |
| | R 20 | 16 | 0.534 | 1.000 | | | | 1,576 | 842 | | | 1,576 | 842 | | | |
| | R 21 | 17 | 0.513 | 1.000 | | | | 242 | 124 | | | 242 | 124 | | | |
| | 施 設 完 成 後 の 評 価 期 間 (50年) | R 22 | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | |
| | | R 23 | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | |
| | | R 24 | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | |
| | | R 25 | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | |
| R 53 | | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | |
| R 54 | | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | |
| R 55 | | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | |
| R 56 | | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | |
| R 57 | | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | |
| R 58 | | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | |
| R 59 | | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | |
| R 60 | | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | |
| R 61 | | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | |
| R 62 | | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | |
| R 63 | | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | |
| R 64 | | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | |
| R 65 | | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | |
| R 66 | | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | |
| R 67 | | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | |
| R 68 | | 64 | 0.081 | 1.000 | 9,237 | 751 | | | | 25 | 2 | 25 | 2 | | | |
| R 69 | | 65 | 0.078 | 1.000 | 9,237 | 722 | | | | 25 | 2 | 25 | 2 | | | |
| R 70 | | 66 | 0.075 | 1.000 | 9,237 | 694 | | | | 25 | 2 | 25 | 2 | | | |
| R 71 | | 67 | 0.072 | 1.000 | 9,237 | 667 | | | | 25 | 2 | 25 | 2 | | | |
| 合 計 | | | | | | 461,829 | 101,866 | 981 | 102,847 | 39,295 | 28,094 | 1,250 | 275 | 40,545 | 28,369 | 3.6 |

様式-5

費用対便益 (残事業：工期-10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | |
|---|---|-------|-----------|----------------|---------|-----------|-----------|----------|--------|--------|--------|-------|--------|--------------|--------------|--------|
| | | | | | 便益 | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | |
| | | | | | 便益 | 現在価値 ① | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | | | 現在価値 |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 資額 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | | | | | | | | |
| | | | | | | | | 0 | 0 | | | 0 | 0 | | | |
| 現 時 点 か ら の 整 備 期 間 (R 5 ~ R 1 7 年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,833 | 1,762 | | | 1,833 | 1,762 | | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 2,075 | 1,918 | | | 2,075 | 1,918 | | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,615 | 1,436 | | | 1,615 | 1,436 | | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 1,929 | 1,649 | | | 1,929 | 1,649 | | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 3,523 | 2,896 | | | 3,523 | 2,896 | | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 4,631 | 3,660 | | | 4,631 | 3,660 | | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 9,490 | 7,211 | | | 9,490 | 7,211 | | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 4,108 | 3,002 | | | 4,108 | 3,002 | | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 2,660 | 1,869 | | | 2,660 | 1,869 | | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,219 | 1,499 | | | 2,219 | 1,499 | | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 2,294 | 1,490 | | | 2,294 | 1,490 | | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 2,334 | 1,458 | | | 2,334 | 1,458 | | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 585 | 351 | | | 585 | 351 | | | |
| | 施 設 完 成 後 の 評 価 期 間 (5 0 年) | R 18 | 14 | 0.577 | 1.000 | 9,237 | 5,334 | | | | 25 | 14 | 25 | 14 | | |
| | | R 19 | 15 | 0.555 | 1.000 | 9,237 | 5,129 | | | | 25 | 14 | 25 | 14 | | |
| | | R 20 | 16 | 0.534 | 1.000 | 9,237 | 4,931 | | | | 25 | 13 | 25 | 13 | | |
| | | R 21 | 17 | 0.513 | 1.000 | 9,237 | 4,742 | | | | 25 | 13 | 25 | 13 | | |
| R 22 | | 18 | 0.494 | 1.000 | 9,237 | 4,559 | | | | 25 | 12 | 25 | 12 | | | |
| R 23 | | 19 | 0.475 | 1.000 | 9,237 | 4,384 | | | | 25 | 12 | 25 | 12 | | | |
| R 24 | | 20 | 0.456 | 1.000 | 9,237 | 4,215 | | | | 25 | 11 | 25 | 11 | | | |
| R 25 | | 21 | 0.439 | 1.000 | 9,237 | 4,053 | | | | 25 | 11 | 25 | 11 | | | |
| R 26 | | 22 | 0.422 | 1.000 | 9,237 | 3,897 | | | | 25 | 11 | 25 | 11 | | | |
| R 27 | | 23 | 0.406 | 1.000 | 9,237 | 3,748 | | | | 25 | 10 | 25 | 10 | | | |
| R 28 | | 24 | 0.390 | 1.000 | 9,237 | 3,603 | | | | 25 | 10 | 25 | 10 | | | |
| R 29 | | 25 | 0.375 | 1.000 | 9,237 | 3,465 | | | | 25 | 9 | 25 | 9 | | | |
| R 30 | | 26 | 0.361 | 1.000 | 9,237 | 3,332 | | | | 25 | 9 | 25 | 9 | | | |
| R 31 | | 27 | 0.347 | 1.000 | 9,237 | 3,203 | | | | 25 | 9 | 25 | 9 | | | |
| R 32 | | 28 | 0.333 | 1.000 | 9,237 | 3,080 | | | | 25 | 8 | 25 | 8 | | | |
| R 33 | | 29 | 0.321 | 1.000 | 9,237 | 2,962 | | | | 25 | 8 | 25 | 8 | | | |
| R 34 | | 30 | 0.308 | 1.000 | 9,237 | 2,848 | | | | 25 | 8 | 25 | 8 | | | |
| R 35 | | 31 | 0.296 | 1.000 | 9,237 | 2,738 | | | | 25 | 7 | 25 | 7 | | | |
| R 36 | | 32 | 0.285 | 1.000 | 9,237 | 2,633 | | | | 25 | 7 | 25 | 7 | | | |
| R 37 | | 33 | 0.274 | 1.000 | 9,237 | 2,532 | | | | 25 | 7 | 25 | 7 | | | |
| R 38 | | 34 | 0.264 | 1.000 | 9,237 | 2,434 | | | | 25 | 7 | 25 | 7 | | | |
| R 39 | | 35 | 0.253 | 1.000 | 9,237 | 2,341 | | | | 25 | 6 | 25 | 6 | | | |
| R 40 | | 36 | 0.244 | 1.000 | 9,237 | 2,251 | | | | 25 | 6 | 25 | 6 | | | |
| R 41 | | 37 | 0.234 | 1.000 | 9,237 | 2,164 | | | | 25 | 6 | 25 | 6 | | | |
| R 42 | | 38 | 0.225 | 1.000 | 9,237 | 2,081 | | | | 25 | 6 | 25 | 6 | | | |
| R 43 | | 39 | 0.217 | 1.000 | 9,237 | 2,001 | | | | 25 | 5 | 25 | 5 | | | |
| R 44 | | 40 | 0.208 | 1.000 | 9,237 | 1,924 | | | | 25 | 5 | 25 | 5 | | | |
| R 45 | | 41 | 0.200 | 1.000 | 9,237 | 1,850 | | | | 25 | 5 | 25 | 5 | | | |
| R 46 | | 42 | 0.193 | 1.000 | 9,237 | 1,779 | | | | 25 | 5 | 25 | 5 | | | |
| R 47 | | 43 | 0.185 | 1.000 | 9,237 | 1,710 | | | | 25 | 5 | 25 | 5 | | | |
| R 48 | | 44 | 0.178 | 1.000 | 9,237 | 1,645 | | | | 25 | 4 | 25 | 4 | | | |
| R 49 | | 45 | 0.171 | 1.000 | 9,237 | 1,581 | | | | 25 | 4 | 25 | 4 | | | |
| R 50 | | 46 | 0.165 | 1.000 | 9,237 | 1,520 | | | | 25 | 4 | 25 | 4 | | | |
| R 51 | | 47 | 0.158 | 1.000 | 9,237 | 1,462 | | | | 25 | 4 | 25 | 4 | | | |
| R 52 | 48 | 0.152 | 1.000 | 9,237 | 1,406 | | | | 25 | 4 | 25 | 4 | | | | |
| R 53 | 49 | 0.146 | 1.000 | 9,237 | 1,352 | | | | 25 | 4 | 25 | 4 | | | | |
| R 54 | 50 | 0.141 | 1.000 | 9,237 | 1,300 | | | | 25 | 4 | 25 | 4 | | | | |
| R 55 | 51 | 0.135 | 1.000 | 9,237 | 1,250 | | | | 25 | 3 | 25 | 3 | | | | |
| R 56 | 52 | 0.130 | 1.000 | 9,237 | 1,202 | | | | 25 | 3 | 25 | 3 | | | | |
| R 57 | 53 | 0.125 | 1.000 | 9,237 | 1,155 | | | | 25 | 3 | 25 | 3 | | | | |
| R 58 | 54 | 0.120 | 1.000 | 9,237 | 1,111 | | | | 25 | 3 | 25 | 3 | | | | |
| R 59 | 55 | 0.116 | 1.000 | 9,237 | 1,068 | | | | 25 | 3 | 25 | 3 | | | | |
| R 60 | 56 | 0.111 | 1.000 | 9,237 | 1,027 | | | | 25 | 3 | 25 | 3 | | | | |
| R 61 | 57 | 0.107 | 1.000 | 9,237 | 988 | | | | 25 | 3 | 25 | 3 | | | | |
| R 62 | 58 | 0.103 | 1.000 | 9,237 | 950 | | | | 25 | 3 | 25 | 3 | | | | |
| R 63 | 59 | 0.099 | 1.000 | 9,237 | 913 | | | | 25 | 2 | 25 | 2 | | | | |
| R 64 | 60 | 0.095 | 1.000 | 9,237 | 878 | | | | 25 | 2 | 25 | 2 | | | | |
| R 65 | 61 | 0.091 | 1.000 | 9,237 | 844 | | | | 25 | 2 | 25 | 2 | | | | |
| R 66 | 62 | 0.088 | 1.000 | 9,237 | 812 | | | | 25 | 2 | 25 | 2 | | | | |
| R 67 | 63 | 0.085 | 1.000 | 9,237 | 781 | | | | 25 | 2 | 25 | 2 | | | | |
| 合 計 | | | | | 461,829 | 119,168 | 1,147 | 120,315 | 39,295 | 30,201 | 1,250 | 321 | 40,545 | 30,522 | 3.9 | 89,793 |

様式-5

費用対便益 (残事業：資産+10%)

水系名：旭川 河川名：旭川・百間川

単位：百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | |
|---|---------------------------------|-------|-----------|----------------|---------|-----------|-----------|---------|--------|--------|-------|------|--------|--------------|--------------|--------|
| | | | | | 便 益 | | 残存価値 ② | 建設費③ | | 維持管理費④ | | 計③+④ | | | | |
| | | | | | 便益 | 現在価値 ① | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | | | | | | | | |
| | | | | | | | | 0 | 0 | | | | 0 | 0 | | |
| 現時 点から の整備 期間 (R55 R19年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,564 | 1,504 | | | | 1,564 | 1,504 | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,746 | 1,614 | | | | 1,746 | 1,614 | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,942 | 1,726 | | | | 1,942 | 1,726 | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 587 | 502 | | | | 587 | 502 | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,620 | 2,154 | | | | 2,620 | 2,154 | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 3,270 | 2,584 | | | | 3,270 | 2,584 | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 4,200 | 3,191 | | | | 4,200 | 3,191 | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 8,872 | 6,483 | | | | 8,872 | 6,483 | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,826 | 2,688 | | | | 3,826 | 2,688 | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,497 | 1,687 | | | | 2,497 | 1,687 | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,923 | 1,249 | | | | 1,923 | 1,249 | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,923 | 1,201 | | | | 1,923 | 1,201 | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 2,032 | 1,220 | | | | 2,032 | 1,220 | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 2,019 | 1,166 | | | | 2,019 | 1,166 | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 275 | 152 | | | | 275 | 152 | | |
| | 施設 完成後 の評価 期間 (50年) | R 20 | 16 | 0.534 | 1.000 | 10,160 | 5,425 | | | | | | 25 | 14 | 25 | 14 |
| | | R 21 | 17 | 0.513 | 1.000 | 10,160 | 5,216 | | | | | | 25 | 13 | 25 | 13 |
| | | R 22 | 18 | 0.494 | 1.000 | 10,160 | 5,015 | | | | | | 25 | 13 | 25 | 13 |
| | | R 23 | 19 | 0.475 | 1.000 | 10,160 | 4,822 | | | | | | 25 | 12 | 25 | 12 |
| R 24 | | 20 | 0.456 | 1.000 | 10,160 | 4,637 | | | | | | 25 | 12 | 25 | 12 | |
| R 25 | | 21 | 0.439 | 1.000 | 10,160 | 4,459 | | | | | | 25 | 11 | 25 | 11 | |
| R 26 | | 22 | 0.422 | 1.000 | 10,160 | 4,287 | | | | | | 25 | 11 | 25 | 11 | |
| R 27 | | 23 | 0.406 | 1.000 | 10,160 | 4,122 | | | | | | 25 | 11 | 25 | 11 | |
| R 28 | | 24 | 0.390 | 1.000 | 10,160 | 3,964 | | | | | | 25 | 10 | 25 | 10 | |
| R 29 | | 25 | 0.375 | 1.000 | 10,160 | 3,811 | | | | | | 25 | 10 | 25 | 10 | |
| R 30 | | 26 | 0.361 | 1.000 | 10,160 | 3,665 | | | | | | 25 | 9 | 25 | 9 | |
| R 31 | | 27 | 0.347 | 1.000 | 10,160 | 3,524 | | | | | | 25 | 9 | 25 | 9 | |
| R 32 | | 28 | 0.333 | 1.000 | 10,160 | 3,388 | | | | | | 25 | 9 | 25 | 9 | |
| R 33 | | 29 | 0.321 | 1.000 | 10,160 | 3,258 | | | | | | 25 | 8 | 25 | 8 | |
| R 34 | | 30 | 0.308 | 1.000 | 10,160 | 3,133 | | | | | | 25 | 8 | 25 | 8 | |
| R 35 | | 31 | 0.296 | 1.000 | 10,160 | 3,012 | | | | | | 25 | 8 | 25 | 8 | |
| R 36 | | 32 | 0.285 | 1.000 | 10,160 | 2,896 | | | | | | 25 | 7 | 25 | 7 | |
| R 37 | | 33 | 0.274 | 1.000 | 10,160 | 2,785 | | | | | | 25 | 7 | 25 | 7 | |
| R 38 | | 34 | 0.264 | 1.000 | 10,160 | 2,678 | | | | | | 25 | 7 | 25 | 7 | |
| R 39 | | 35 | 0.253 | 1.000 | 10,160 | 2,575 | | | | | | 25 | 7 | 25 | 7 | |
| R 40 | | 36 | 0.244 | 1.000 | 10,160 | 2,476 | | | | | | 25 | 6 | 25 | 6 | |
| R 41 | | 37 | 0.234 | 1.000 | 10,160 | 2,381 | | | | | | 25 | 6 | 25 | 6 | |
| R 42 | | 38 | 0.225 | 1.000 | 10,160 | 2,289 | | | | | | 25 | 6 | 25 | 6 | |
| R 43 | | 39 | 0.217 | 1.000 | 10,160 | 2,201 | | | | | | 25 | 6 | 25 | 6 | |
| R 44 | | 40 | 0.208 | 1.000 | 10,160 | 2,116 | | | | | | 25 | 5 | 25 | 5 | |
| R 45 | | 41 | 0.200 | 1.000 | 10,160 | 2,035 | | | | | | 25 | 5 | 25 | 5 | |
| R 46 | | 42 | 0.193 | 1.000 | 10,160 | 1,957 | | | | | | 25 | 5 | 25 | 5 | |
| R 47 | | 43 | 0.185 | 1.000 | 10,160 | 1,881 | | | | | | 25 | 5 | 25 | 5 | |
| R 48 | | 44 | 0.178 | 1.000 | 10,160 | 1,809 | | | | | | 25 | 5 | 25 | 5 | |
| R 49 | | 45 | 0.171 | 1.000 | 10,160 | 1,739 | | | | | | 25 | 4 | 25 | 4 | |
| R 50 | | 46 | 0.165 | 1.000 | 10,160 | 1,673 | | | | | | 25 | 4 | 25 | 4 | |
| R 51 | 47 | 0.158 | 1.000 | 10,160 | 1,608 | | | | | | 25 | 4 | 25 | 4 | | |
| R 52 | 48 | 0.152 | 1.000 | 10,160 | 1,546 | | | | | | 25 | 4 | 25 | 4 | | |
| R 53 | 49 | 0.146 | 1.000 | 10,160 | 1,487 | | | | | | 25 | 4 | 25 | 4 | | |
| R 54 | 50 | 0.141 | 1.000 | 10,160 | 1,430 | | | | | | 25 | 4 | 25 | 4 | | |
| R 55 | 51 | 0.135 | 1.000 | 10,160 | 1,375 | | | | | | 25 | 4 | 25 | 4 | | |
| R 56 | 52 | 0.130 | 1.000 | 10,160 | 1,322 | | | | | | 25 | 3 | 25 | 3 | | |
| R 57 | 53 | 0.125 | 1.000 | 10,160 | 1,271 | | | | | | 25 | 3 | 25 | 3 | | |
| R 58 | 54 | 0.120 | 1.000 | 10,160 | 1,222 | | | | | | 25 | 3 | 25 | 3 | | |
| R 59 | 55 | 0.116 | 1.000 | 10,160 | 1,175 | | | | | | 25 | 3 | 25 | 3 | | |
| R 60 | 56 | 0.111 | 1.000 | 10,160 | 1,130 | | | | | | 25 | 3 | 25 | 3 | | |
| R 61 | 57 | 0.107 | 1.000 | 10,160 | 1,086 | | | | | | 25 | 3 | 25 | 3 | | |
| R 62 | 58 | 0.103 | 1.000 | 10,160 | 1,045 | | | | | | 25 | 3 | 25 | 3 | | |
| R 63 | 59 | 0.099 | 1.000 | 10,160 | 1,004 | | | | | | 25 | 3 | 25 | 3 | | |
| R 64 | 60 | 0.095 | 1.000 | 10,160 | 966 | | | | | | 25 | 2 | 25 | 2 | | |
| R 65 | 61 | 0.091 | 1.000 | 10,160 | 929 | | | | | | 25 | 2 | 25 | 2 | | |
| R 66 | 62 | 0.088 | 1.000 | 10,160 | 893 | | | | | | 25 | 2 | 25 | 2 | | |
| R 67 | 63 | 0.085 | 1.000 | 10,160 | 859 | | | | | | 25 | 2 | 25 | 2 | | |
| R 68 | 64 | 0.081 | 1.000 | 10,160 | 826 | | | | | | 25 | 2 | 25 | 2 | | |
| R 69 | 65 | 0.078 | 1.000 | 10,160 | 794 | | | | | | 25 | 2 | 25 | 2 | | |
| 合計 | | | | | 508,012 | 121,194 | 1,060 | 122,254 | 39,295 | 29,122 | 1,250 | 310 | 40,545 | 29,432 | 4.2 | 92,822 |

様式-5

費用対便益 (残事業: 資産-10%)

水系名: 旭川 河川名: 旭川・百間川

単位: 百万円

| 年次 | 年度 | t | 割引率 4% | デフ レー ター | 便 益 (B) | | | | 費 用 (C) | | | | | | 費用便益比 B/C | 純現在価値 B-C | |
|---|-------------------------------------|-------|-----------|----------------|---------|-----------|-----------|----------|---------|--------|--------|------|--------|--------|--------------|--------------|----|
| | | | | | 便 益 | | 残存価値 ② | 計 ①+② | 建設費③ | | 維持管理費④ | | 計③+④ | | | | |
| | | | | | 便益 | 現在価値 ① | | | 費用 | 現在価値 | 費用 | 現在価値 | 費用 | 現在価値 | | | |
| 基準 | R 1 | -3 | 1.125 | 1.000 | | | | | | | | | | | | | |
| 投資 既往 | R 2 | -2 | 1.082 | 1.000 | | | | | | | | | | | | | |
| | R 3 | -1 | 1.040 | 1.000 | | | | | | | | | | | | | |
| | R 4 | 0 | 1.000 | 1.000 | | | | | | | | | | | | | |
| | | | | | | | | 0 | 0 | | | | | 0 | 0 | | |
| 現時 点から の整備 期間 (R55 R19年) | R 5 | 1 | 0.962 | 1.000 | | | | 1,564 | 1,504 | | | | | 1,564 | 1,504 | | |
| | R 6 | 2 | 0.925 | 1.000 | | | | 1,746 | 1,614 | | | | | 1,746 | 1,614 | | |
| | R 7 | 3 | 0.889 | 1.000 | | | | 1,942 | 1,726 | | | | | 1,942 | 1,726 | | |
| | R 8 | 4 | 0.855 | 1.000 | | | | 587 | 502 | | | | | 587 | 502 | | |
| | R 9 | 5 | 0.822 | 1.000 | | | | 2,620 | 2,154 | | | | | 2,620 | 2,154 | | |
| | R 10 | 6 | 0.790 | 1.000 | | | | 3,270 | 2,584 | | | | | 3,270 | 2,584 | | |
| | R 11 | 7 | 0.760 | 1.000 | | | | 4,200 | 3,191 | | | | | 4,200 | 3,191 | | |
| | R 12 | 8 | 0.731 | 1.000 | | | | 8,872 | 6,483 | | | | | 8,872 | 6,483 | | |
| | R 13 | 9 | 0.703 | 1.000 | | | | 3,826 | 2,688 | | | | | 3,826 | 2,688 | | |
| | R 14 | 10 | 0.676 | 1.000 | | | | 2,497 | 1,687 | | | | | 2,497 | 1,687 | | |
| | R 15 | 11 | 0.650 | 1.000 | | | | 1,923 | 1,249 | | | | | 1,923 | 1,249 | | |
| | R 16 | 12 | 0.625 | 1.000 | | | | 1,923 | 1,201 | | | | | 1,923 | 1,201 | | |
| | R 17 | 13 | 0.601 | 1.000 | | | | 2,032 | 1,220 | | | | | 2,032 | 1,220 | | |
| | R 18 | 14 | 0.577 | 1.000 | | | | 2,019 | 1,166 | | | | | 2,019 | 1,166 | | |
| | R 19 | 15 | 0.555 | 1.000 | | | | 275 | 152 | | | | | 275 | 152 | | |
| | 施設 完成 後の 評価 期間 (50年) | R 20 | 16 | 0.534 | 1.000 | 8,313 | 4,438 | | | | | | | 25 | 13 | 25 | 13 |
| | | R 21 | 17 | 0.513 | 1.000 | 8,313 | 4,268 | | | | | | | 25 | 13 | 25 | 13 |
| | | R 22 | 18 | 0.494 | 1.000 | 8,313 | 4,103 | | | | | | | 25 | 12 | 25 | 12 |
| | | R 23 | 19 | 0.475 | 1.000 | 8,313 | 3,946 | | | | | | | 25 | 12 | 25 | 12 |
| R 24 | | 20 | 0.456 | 1.000 | 8,313 | 3,794 | | | | | | | 25 | 11 | 25 | 11 | |
| R 25 | | 21 | 0.439 | 1.000 | 8,313 | 3,648 | | | | | | | 25 | 11 | 25 | 11 | |
| R 26 | | 22 | 0.422 | 1.000 | 8,313 | 3,508 | | | | | | | 25 | 11 | 25 | 11 | |
| R 27 | | 23 | 0.406 | 1.000 | 8,313 | 3,373 | | | | | | | 25 | 10 | 25 | 10 | |
| R 28 | | 24 | 0.390 | 1.000 | 8,313 | 3,243 | | | | | | | 25 | 10 | 25 | 10 | |
| R 29 | | 25 | 0.375 | 1.000 | 8,313 | 3,118 | | | | | | | 25 | 9 | 25 | 9 | |
| R 30 | | 26 | 0.361 | 1.000 | 8,313 | 2,998 | | | | | | | 25 | 9 | 25 | 9 | |
| R 31 | | 27 | 0.347 | 1.000 | 8,313 | 2,883 | | | | | | | 25 | 9 | 25 | 9 | |
| R 32 | | 28 | 0.333 | 1.000 | 8,313 | 2,772 | | | | | | | 25 | 8 | 25 | 8 | |
| R 33 | | 29 | 0.321 | 1.000 | 8,313 | 2,666 | | | | | | | 25 | 8 | 25 | 8 | |
| R 34 | | 30 | 0.308 | 1.000 | 8,313 | 2,563 | | | | | | | 25 | 8 | 25 | 8 | |
| R 35 | | 31 | 0.296 | 1.000 | 8,313 | 2,464 | | | | | | | 25 | 7 | 25 | 7 | |
| R 36 | | 32 | 0.285 | 1.000 | 8,313 | 2,370 | | | | | | | 25 | 7 | 25 | 7 | |
| R 37 | | 33 | 0.274 | 1.000 | 8,313 | 2,279 | | | | | | | 25 | 7 | 25 | 7 | |
| R 38 | | 34 | 0.264 | 1.000 | 8,313 | 2,191 | | | | | | | 25 | 7 | 25 | 7 | |
| R 39 | | 35 | 0.253 | 1.000 | 8,313 | 2,107 | | | | | | | 25 | 6 | 25 | 6 | |
| R 40 | | 36 | 0.244 | 1.000 | 8,313 | 2,026 | | | | | | | 25 | 6 | 25 | 6 | |
| R 41 | | 37 | 0.234 | 1.000 | 8,313 | 1,948 | | | | | | | 25 | 6 | 25 | 6 | |
| R 42 | | 38 | 0.225 | 1.000 | 8,313 | 1,873 | | | | | | | 25 | 6 | 25 | 6 | |
| R 43 | | 39 | 0.217 | 1.000 | 8,313 | 1,801 | | | | | | | 25 | 5 | 25 | 5 | |
| R 44 | | 40 | 0.208 | 1.000 | 8,313 | 1,731 | | | | | | | 25 | 5 | 25 | 5 | |
| R 45 | | 41 | 0.200 | 1.000 | 8,313 | 1,665 | | | | | | | 25 | 5 | 25 | 5 | |
| R 46 | | 42 | 0.193 | 1.000 | 8,313 | 1,601 | | | | | | | 25 | 5 | 25 | 5 | |
| R 47 | | 43 | 0.185 | 1.000 | 8,313 | 1,539 | | | | | | | 25 | 5 | 25 | 5 | |
| R 48 | | 44 | 0.178 | 1.000 | 8,313 | 1,480 | | | | | | | 25 | 4 | 25 | 4 | |
| R 49 | | 45 | 0.171 | 1.000 | 8,313 | 1,423 | | | | | | | 25 | 4 | 25 | 4 | |
| R 50 | | 46 | 0.165 | 1.000 | 8,313 | 1,368 | | | | | | | 25 | 4 | 25 | 4 | |
| R 51 | 47 | 0.158 | 1.000 | 8,313 | 1,316 | | | | | | | 25 | 4 | 25 | 4 | | |
| R 52 | 48 | 0.152 | 1.000 | 8,313 | 1,265 | | | | | | | 25 | 4 | 25 | 4 | | |
| R 53 | 49 | 0.146 | 1.000 | 8,313 | 1,217 | | | | | | | 25 | 4 | 25 | 4 | | |
| R 54 | 50 | 0.141 | 1.000 | 8,313 | 1,170 | | | | | | | 25 | 4 | 25 | 4 | | |
| R 55 | 51 | 0.135 | 1.000 | 8,313 | 1,125 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 56 | 52 | 0.130 | 1.000 | 8,313 | 1,081 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 57 | 53 | 0.125 | 1.000 | 8,313 | 1,040 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 58 | 54 | 0.120 | 1.000 | 8,313 | 1,000 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 59 | 55 | 0.116 | 1.000 | 8,313 | 961 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 60 | 56 | 0.111 | 1.000 | 8,313 | 924 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 61 | 57 | 0.107 | 1.000 | 8,313 | 889 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 62 | 58 | 0.103 | 1.000 | 8,313 | 855 | | | | | | | 25 | 3 | 25 | 3 | | |
| R 63 | 59 | 0.099 | 1.000 | 8,313 | 822 | | | | | | | 25 | 2 | 25 | 2 | | |
| R 64 | 60 | 0.095 | 1.000 | 8,313 | 790 | | | | | | | 25 | 2 | 25 | 2 | | |
| R 65 | 61 | 0.091 | 1.000 | 8,313 | 760 | | | | | | | 25 | 2 | 25 | 2 | | |
| R 66 | 62 | 0.088 | 1.000 | 8,313 | 731 | | | | | | | 25 | 2 | 25 | 2 | | |
| R 67 | 63 | 0.085 | 1.000 | 8,313 | 703 | | | | | | | 25 | 2 | 25 | 2 | | |
| R 68 | 64 | 0.081 | 1.000 | 8,313 | 675 | | | | | | | 25 | 2 | 25 | 2 | | |
| R 69 | 65 | 0.078 | 1.000 | 8,313 | 650 | | | | | | | 25 | 2 | 25 | 2 | | |
| 合計 | | | | | 415,646 | 99,161 | 1,060 | 100,221 | 39,295 | 29,121 | 1,250 | 297 | 40,545 | 29,418 | 3.4 | 70,803 | |