PROGETTO
IMPIANTO FOTOVOLTAICO PORTO TORRES AREE SUD (SS)

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03.08.2023
14:26:00
GMT+01:00

Fotovoltaico - PORTO TORRES AREE SUD (SS)

RELAZIONE IDROLOGICA, IDRAULICA E DI COMPATIBILITÀ IDRAULICA

CD-FE	00	07/07/2023	Prima Emissione	S.Cesareo	D. Pomponio	P. D'Agostino	G.Tore
Stato di Validità	Numero Revisione	Data	Descrizione	BFP Preparato	BFP Verificato	Eni Progetti S.p.A. Verificato	Eni Plenitude S.p.A. Approvato
Indice Revisione							

Logo Committente e Denominazione Commerciale **Eni New Energy S.p.A.**	Nome progetto PROGETTO IMPIANTO FOTOVOLTAICO PORTO TORRES AREE SUD	ID Documento Committente **SY2400BARU00018** Commessa N.
Logo Appaltatore e Denominazione Commerciale BFP		ID Documento Appaltatore --
Nome d'Impianto e Oggetto PORTO TORRES (SS) Fotovoltaico – Porto Torres Aree Sud		Scala n.a. Numero di Pagine 1 / 476
Titolo Documento RELAZIONE IDROLOGICA, IDRAULICA E DI COMPATIBILITÀ IDRAULICA		

Software: Microsoft Word

File Name: Relazione idrologica, idraulica e di compatibilità idrauclica

SOMMARIO

PREMESSA

Il presente Studio Idrologico e Idraulico riguardante l'impianto Fotovoltaico per l'area Sud del Comune di Porto Torres (SS) è volto a fornire:

– una caratterizzazione da un punto di vista idrologico dell'area su cui deve essere realizzato il presente impianto. Tale analisi permette l'identificazione dei bacini idrografici che interessano l'area destinata all'impianto e, conseguentemente, la definizione delle portate di piena (valutate con il metodo SCS-Curve Number nelle condizioni ante e post operam) per assegnati tempi di ritorno;

– un'analisi idraulica dei tratti di reticolo idrografico che interessano l'area destinata all'impianto, oltre all'identificazione di eventuali punti di accumulo delle acque superficiali, quali per esempio depressioni superficiali o impluvi minori non indicati nella mappatura del reticolo idrografico per l'area di studio. Va altresi evidenziato come dall'esito di tale analisi può emergere l'esigenza del dimensionamento di cosiddetti interventi compensativi (esempio: canelette e trincee di drenaggio, pozzi disperdenti, etc…) volti a mitigare la situazione idraulica esistente.

Ai fini della redazione della presente relazione è stato fatto un accurato sopralluogo al fine di individuare i punti di intersezione del lotto con il reticolo idrografico. In particolare, vi è una intersezione con due tratti del reticolo idrografico di ordine gerarchico 1, secondo il metodo di Horton-Strahler. Tali tratti del reticolo idrografico fa parte del sottobacino del "Coghinas - Mannu - Temo". Vi è inoltre un terzo tratto di reticolo (identificato in seguito come Bacino 3 o B3) identificato sulla base del Modello Digitale di elevazione del Terreno (DTM) con celle 1 metro x 1 metro reso disponibile dalla Regione Sardegna per la fascia costiera, e confermato nel rilievo a maggiore risoluzione, con celle 20 cm x 20 cm, realizzato per l'area d'intervento.

Per tali punti è stata prevista una modellazione di dettaglio che ha previsto dapprima uno studio idrologico volto alla determinazione delle portate al colmo di piena per tempo di ritorno di 25, 50, 100, 200 e 500 anni. Infine, si è proceduto alla modellazione Idraulica volta a definire l'eventualità di esondazioni di entità rilevante a seguito di eventi meteorici per i diversi tempi di ritorno.

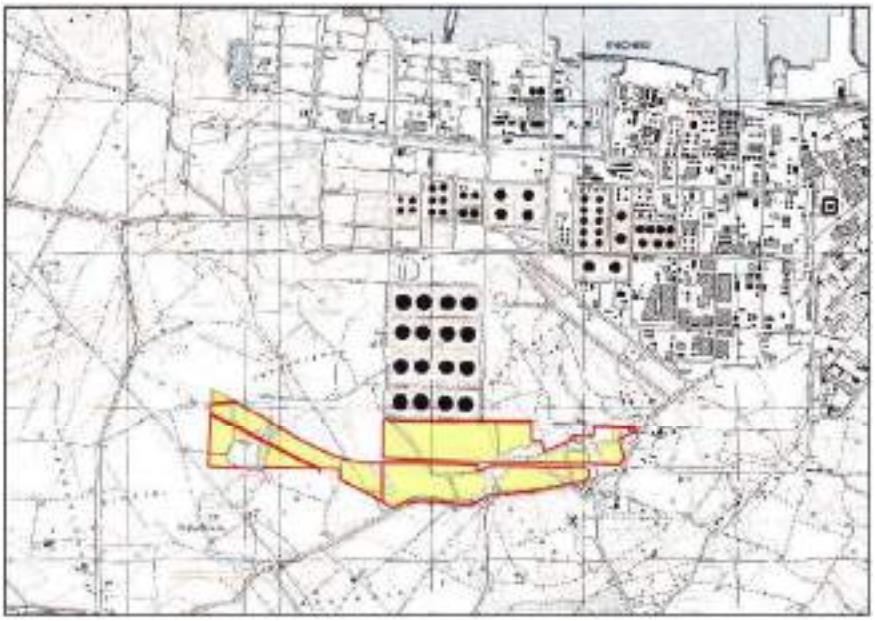
Il tutto è stato fatto nelle condizioni ANTE-OPERAM e POST-OPERAM. La differenza tra i due scenari sta nella stima del Curve Number medio ponderato sui bacini idrografici. Tale parametro va ad incidere sulle portate al colmo di piena e quindi sui risultati della modellazione idraulica. In particolare, per la condizione ANTE-OPERAM si è considerata la situazione esistente, mentre per il POST-OPERAM si è considerato, per tutte le aree ricadenti all'interno dell'area di intervento un Curve Number pari a 95, ad indicare una superficie pressochè impermeabile, come riportato nelle LINEE GUIDA E INDIRIZZI OPERATIVI PER L'ATTUAZIONE DEL PRINCIPIO DELLA INVARIANZA IDRAULICA (articolo 47 delle NTA del PAI).

1 INQUADRAMENTO TERRITORIALE DELL'AREA

1.1 INQUADRAMENTO GEOGRAFICO

L'area in progetto è ubicata lungo la costa nordoccidentale della Sardegna, nell'area di sviluppo industriale, nel comune di Porto Torres. L'Area di Sviluppo Industriale (ASI) di Sassari, Porto Torres e Alghero è delimitata a Nord dalla linea della costa, che si affaccia sul golfo dell'Asinara, a Est dal Rio Mannu e a Ovest dllo stagno di Pilo

Inquadramento territoriale.



Ubicazione area di studio su stralcio cartografia di base - IGM 25000.

1.2 INQUADRAMENTO GEOLOGICO

L'area in esame ricade nella parte nord occidentale della sardegna, all'interno del sub-bacino idrografico Coghinas-Mannu-Temo. Quest'ultimo geologicamente può essere suddiviso in tre sottoinsiemi. settore Orientale e Sud-Orientale è prevalentemente paleozoico; una sequenza vulcanosedimentaria permiana ricopre i terreni paleozoici e depositi detritici quaternari delimitano ad ovest il corpo intrusivo suddetto. La sequenza stratigrafica dell'area è chiusa dai depositi alluvionali del fiume Coghinas, da sabbie litorali e localizzati depositi eluvio-colluviali e di versante. Le alluvioni del Coghinas sono presenti con continuità tra i rilievi di Badesi – La Tozza – Monte Ruiu - Monte Vignola e la linea di costa. Lungo la costa i depositi francamente alluvionali lasciano il posto ad eolianiti e sabbie litorali. I depositi eluvio-colluviali, prodotti dal disfacimento delle litologie presenti nell'area, localmente pedogenizzati, rivestono, con sottili spessori i versanti e localmente lasciano il posto a detrito di versante. o il settore Centrale è prevalentemente terziario. Il potente complesso vulcanico oligo-miocenico, che occupa quasi interamente e senza soluzione di continuità il settore centrale, costituisce il substrato della regione e poggia in parte sulla piattaforma carbonatica mesozoica della Nurra, ribassata di circa 2000 m dal sistema di faglie che ha dato origine alla "fossa sarda", ed in parte sul basamento cristallino paleozoico. Il Complesso vulcanico oligo-miocenico è stato ricoperto dalla "Serie sedimentaria miocenica (un complesso lacustre di transizione ai depositi marini calcareo arenacei e marnoso-arenacei). Infine i prodotti del vulcanismo plio-quaternario e i depositi detritici quaternari in corrispondenza delle incisioni vallive ed in prossimità dei corsi d'acqua o il settore Nord-Occidentale è costituito dallo zoccolo cristallino dell'horst della Gallura paleozoico e dalle formazioni carbonatiche mesozoiche che culminano con i rilievi del Doglia e del sistema di Punta Cristallo e di Capo Caccia. Le intrusioni granitiche erciniche affiorano solo nella propaggine settentrionale, costituita dall'isola dell'Asinara.

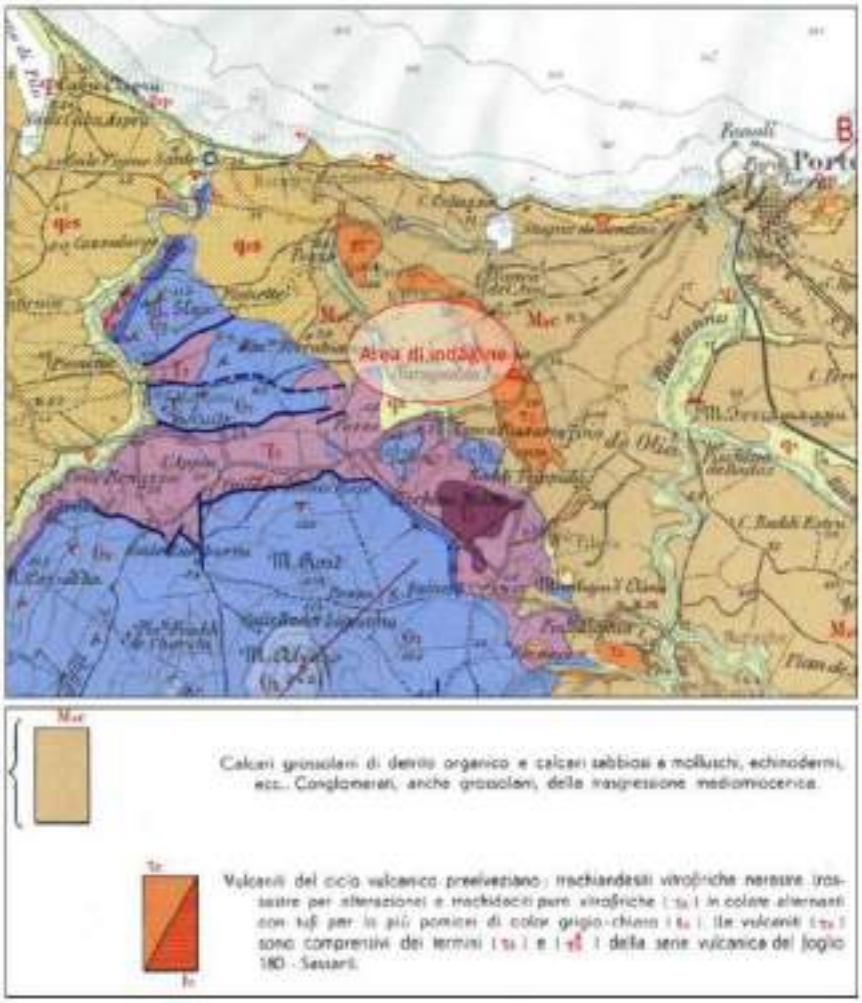
L'area in esame ricade sul margine occidentale di un semigraben di età terziaria noto in letteratura come bacino di Porto Torres, colmato da vulcaniti e sedimenti di ambiente marino di età compresa tra l'Oligocene Sup. e il Miocene Sup. La disposizione degli affioramenti presenti, è il risultato di una fase tettonica disgiuntiva attiva durante il Terziario che, ha dato luogo all'apertura di un bacino subsidente con struttura a semi-graben che si approfondisce verso ovest, successivamente colmato da sedimenti marini continentali terziari. Il territorio di Porto Torres, si viene a collocare sul margine occidentale di questa struttura; sul lato ovest affiorano le formazioni più antiche sulle quali è strutturato il bacino terziario, rappresentate dalle formazioni calcareo dolomitiche mesozoiche, sul lato orientale trovano invece ampio sviluppo le sequenze sedimentarie mioceniche che colmano la struttura. Interposte tra il basamento mesozoico e le formazioni mioceniche, affiora una stretta cintura di vulcaniti, anch'esse di età terziaria, messe in posto durante le prime fasi della tettonica terziaria. Tutta la sequenza mesozoica è interessata da un blando piegamento, ad asse Est- Nord-Est che determina un sistema di sinclinali e anticlinali aperte, a loro volta interessate da faglie distensive dirette N60° o Nord Sud. Direttamente sovrapposte sul basamento mesozoico vi sono le ignimbriti saldate a composizione riodacitica che affiorano lungo una stretta fascia a ridosso della zona industriale e si immergono al di sotto della sequenza sedimentaria miocenica. Queste vulcaniti, datate Oligocene Sup, sono composte da litologie generalmente ben saldate disposte in banchi di spessore metrico, con intercalati episodi cineritico pomicei talvolta interessati da una alterazione anche intensa. La sequenza sedimentaria miocenica affiora per tutto il settore centrale ed orientale del territorio comunale e si estende verso Sudest comprendendo il comune di Sassari, sino e oltre Mores. Alla base la sequenza ed in prossimità del margine del bacino si ritrovano dei sedimenti clastici continentali caratterizzati da conglomerati, depositi di spiaggia o depositi lacustri, passanti lateralmente e verso l'alto a bio-calcareniti e calciruditi caratteristici di ambiente di più alta energia, seguiti ancora da sedimenti marini arenacei finemente stratificati che testimoniano l'instaurarsi di un ambiente di mare più profondo. I termini più recenti della sequenza miocenica affiorano tra la zona industriale Fiume Santo e sono rappresentati da argille e conglomerati di ambiente alluvionale. Tutta la sequenza mostra una giacitura sub-orizzontale con debole inclinazione verso il settore orientale. Le litologie più rappresentate sono i calcari organogeni e le calcareniti che affiorano nel settore centrale dell'area indagata, e la sequenza di siltiti e marne che emerge sia a ridosso della zona industriale che nel settore orientale, lungo il tratto costiero. I calcari organogeni e le calcareniti, mostrano un aspetto massivo, con giunti di stratificazione poco marcati, sono composti in prevalenza da bioclasti e frammenti di alghe incrostanti tenuti assieme da un cemento carbonatico. In ragione dell'elevato contenuto in carbonato, queste litologie sono interessate da processi di dissoluzione carsica testimoniati da forme tipiche quali cunicoli, condotti e cavita che perlopiù si presentano in forma

relitta con riempimenti di argille residuali. Le formazioni più recenti sono rappresentate dai depositi quaternari che comprendono dei depositi di spiaggia antichi, conservati in piccoli lembi lungo un terrazzo marino collocato qualche metro sopra l'attuale livello del mare ed attribuibili al Tirreniano, seguiti da depositi continentali probabilmente Wurmiani, costituiti da argille sabbiose, sabbie argillose, sabbie e limi, con un colore tipicamente rossastro. Nelle valli principali che ospitano i corsi d'acqua più importanti (Rio Mannu e Rio di Ottava, Fiume Santo) si individuano infine dei depositi alluvionali attuali e recenti composti in prevalenza da sabbie, limi e limi argillosi.

Nel dettaglio, l'area di indagine è cartografata nel Foglio 179 "Porto Torres" della carta geologica di italia in scala 1:100.000 ed è costituita da:

– M2c: Calcari grossolani di detrito organico e calcari sabbiosi a molluschi, echinodermi, ecc. Conglomerati, anche grosssolani, della trasgressione mediomiocenica;

– τ2: vulcaniti del ciclo vulcanico preelveziano: trachiandesiti vitrofiriche nerastre (rossastre per alterazione) e trachidaciti pure vitrofiriche in colate alternanti con tufi perlopiù pomicei di color grigio-chiaro.



Stralcio carta geologica di Italia con ubicazione area di indagine - Foglio 179 (scala 1:100.000).

1.3 INQUADRAMENTO GEOMORFOLOGICO

Per quanto concerne gli aspetti morfologici, l'area comunale e circostante presenta una morfologia dolce. Ad ovest, la morfologia è caratterizzata dalla presenza dei rilievi collinari impostati sulle formazioni mesozoiche separati tra loro da vaste aree sub pianeggianti. La cima più alta è quella di Monte Alvaro (342 m s.l.m.), seguono M.te Elva (118 m), M Elveddu (72 m) ed i rilevi di N.ghe Margone (58 m). È tipica la forma dolce e arrotondata di questi rilevi frutto di un lungo periodo di emersione e modellamento del versante. Le acclività dei versanti sono in media comprese tra il 10 ed il 40%; acclività più elevate si registrano nelle porzioni di versante che delimitano la valle del Fiume Santo e sul versante occidentale di M.te Alvaro. Lungo i versanti il basamento roccioso è perlopiù affiorante e presenta una copertura vegetale a macchia mediterranea. Tra le forme morfologiche individuate dallo studio sono state distinte alcune scarpate rocciose sulla sponda destra della valle del Fiume Santo e alcune rotture di pendio più modeste tra i rilevi di Margone e Monte Elva. Gli unici processi evolutivi in grado di influire sull'uso del territorio sono legati a fenomeni di crollo attivo o potenziale individuati su alcune scarpate rocciose presso la foce del Fiume Santo. Forme di dilavamento superficiale più spinto sono state osservate sul versante occidentale del rilievo di M.te Alvaro, in corrispondenza dei tratti di versante più acclivi. Si tratta comunque di fenomeni di erosione superficiale a carico dei sottili ricoprimenti di suolo che non hanno riflessi sulla stabilità complessiva del versante. Ad est dei rilievi carbonatici mesozoici si apre una vasta area pianeggiante impostata sulle formazioni sedimentarie mioceniche. Si può distinguere una zona centrale, interposta tra i rilievi mesozoici e il Rio Mannu, in gran parte occupata dall'area industriale, caratterizzata da una morfologia pianeggiante, con quote mediamente comprese tra 5 e 25 m s.l.m., che originariamente ospitava lo stagno di Gennano. Questo settore è stato in gran parte trasformato attraverso le opere di infrastrutturazione dell'area industriale. Il tratto costiero è in gran parte protetto dalle opere portuali con ampie zone completamente trasformate dall'intervento antropico. La porzione compresa tra la foce de Fiume Santo e il molo industriale è invece caratterizzata da una costa bassa, rocciosa, in cui si alternano piccole insenature con fondo sabbioso. Ad est del Rio Mannu, si apre una vasta area pianeggiante, dolcemente ondulata, con superficie topografica compresa mediamente tra 20 e 50 m s.l.m. delimitata verso mare da una falesia ripida in gran parte impostata su roccia. Questo ampio tavolato è inciso dal Rio Mannu e dal suo affluente destro, Rio d'Ottava, che scorrono in valli a fondo piatto, dal profilo sinuoso, riempite dai sedimenti alluvionali e delimitate a tratti da pareti ripide con fronti anche verticali. Nel tratto a monte, il Rio Mannu, analogamente al Rio d'Ottava scorre in un alveo naturale lievemente incassato nei sedimenti sabbioso limosi, che si snoda in maniera sinuosa in un'ampia vallata incisa nelle formazioni mioceniche. L'alveo di magra, presenta delle sponde perlopiù stabili, ricoperte da una vegetazione spontanea; l'unica situazione di evoluzione attiva è stata individuata a monte del ponte Colombo, dove è riconoscibile una situazione di erosione laterale di sponda dovuta alla interferenza con le pile del viadotto Nella zona di giunzione tra il Rio Mannu ed il Rio d'Ottava (Loc. Leccari) si distingue poi una vasta area di ristagno sommersa in gran parte dell'anno. Tra le forme morfologiche legate alla dinamica fluviale sono state evidenziate le scarpate rocciose che si delineano al bordo delle valli del Mannu ed del Rio d'Ottava. Si tratta di forme perlopiù relitte originatesi attraverso processi di scalzamento alla base attivi in epoche passate e con regimi idraulici differenti dall'attuale. L'ampio tavolato che descrive la restante porzione del territorio comunale presenta come detto, una morfologia dolce con acclività mediamente inferiori al 20%. In gran parte dell'area affiorano dei calcari bioclastici e delle biocalcareniti che sfumano verso la costa in una sequenza marnoso arenacea di mare basso. I calcari bioclastici e le biocalcareniti sono soggette a processi di dissoluzione chimica di tipo carsico che si manifestano attraverso forme ipogee e epigee.

Le principali forme morfologiche cartografate sono:

– cavità carsiche, comprendono le forme ipogee di origine carsica, con dimensione significativa. Tra queste sono state inserite anche le cavità presenti lungo la costa dove la dissoluzione carsica assume aspetti caratteristici legati alla interazione con il mare.

– cavità segnalate, quelle derivanti da testimonianze storiche ma di cui non si ha riscontro certo;

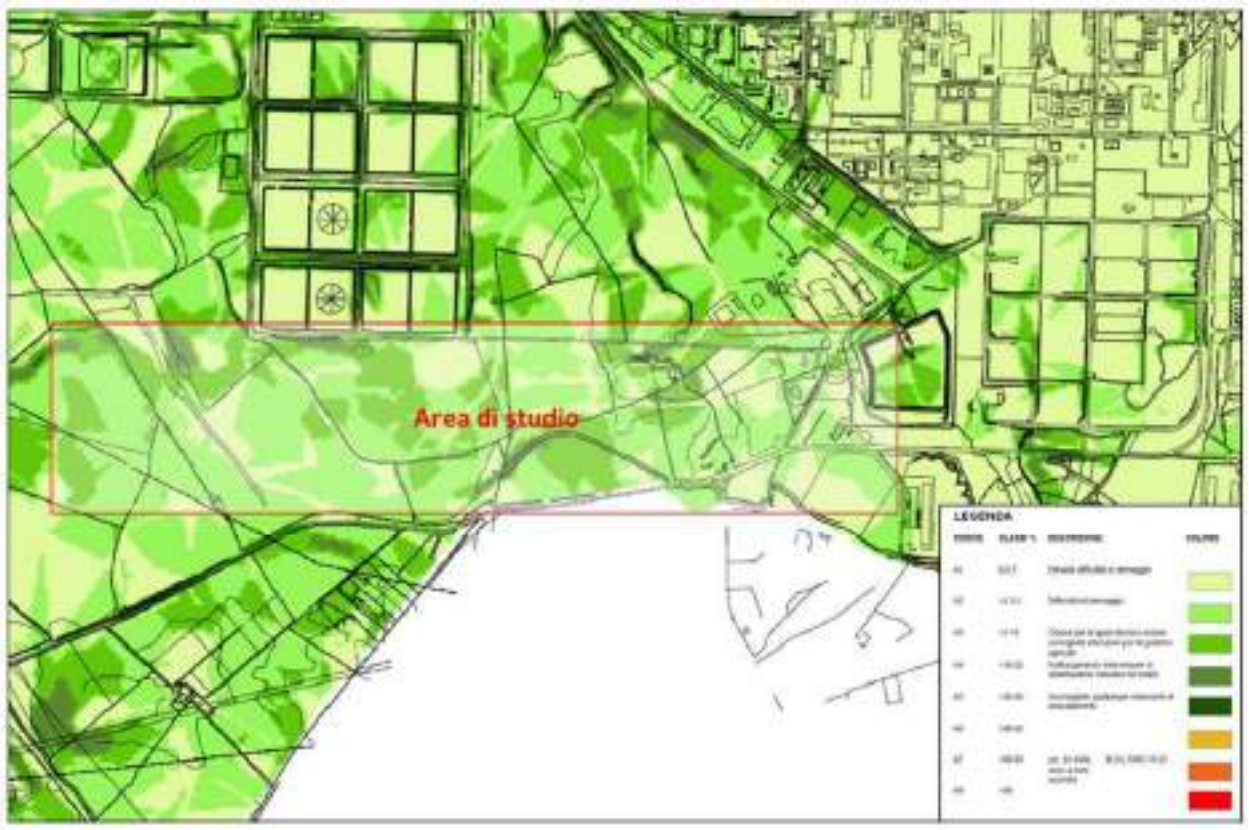
– cavità osservate in scavi, emerse nel corso di scavi connessi con la realizzazione di opere di fondazione;

– sondaggi, realizzati nel corso di studi specifici o eseguiti a scopo geognostico;

– sinkhole, sprofondamenti di forma circolare riconosciuti in ambito urbano. In particolare sonostate riconosciute due forme attive: via dei Corbezzoli e in via Balai, una forma sepolta ubicata sempre in regione serra Li Pozzi, ed una cavità presente lungo la costa.

I processi evolutivi più significativi si riscontrano lungo il tratto costiero orientale che va dal porto civile fino al limite comunale col territorio di Sassari. Questo tratto è caratterizzato da una costa alta a falesia con altezza compresa tra 10 e oltre 30 m sul livello del mare talvolta circondata da un terrazzo di erosione marina che si erge ad una quota di 2 -3 metri. Tutto il tratto costiero è caratterizzato da un carsismo marino che dà luogo a forme epigee e ipogee a diversa scala concentrate principalmente lungo i lineamenti strutturali della roccia.

Nel dettaglio, l'area di studio è una zona a basse pendenze con classi di acclività fino al 10%.



Stralcio carta delle acclività con ubicazione area di studio - tavola Amb.A.05a (Piano Urbanistico Comunale).

1.4 INQUADRAMENTO IDROGEOLOGICO

L'intero territorio della Sardegna è suddiviso in sette sub-bacini, ognuno dei quali caratterizzato in grande da generali omogeneità geomorfologiche, geografiche, idrologiche ma anche da forti differenze di estensione territoriale. L'area di studio ricade nel bacino Coghinas-Mannu-Temo.

Suddivisione territorio Regionale in bacini idrografici con ubicazione bacino idrografico di interesse.

L'idrografia regionale è caratterizzata dalla quasi totale assenza di corsi d'acqua perenni. Infatti, i soli fiumi classificati come tali sono costituiti dal Tirso, dal Flumedosa, dal Coghinas, dal Cedrino, dal Liscia e dal Temo, unico navigabile nel tratto terminale. Inoltre, la necessità di reperire risorse idriche superficiali da tutti i corsi d'acqua disponibili ha portato alla costruzione di numerosissimi invasi artificiali che di fatto hanno completamente modificato il regime idrografico, tanto che anche i fiumi succitati, a valle degli sbarramenti sono asciutti per lunghi periodi dell'anno. La maggior parte dei corsi d'acqua, presenta caratteristiche torrentizie che, per la conformazione geomorfologica dei bacini imbriferi, presentano pendenze elevate per la maggior parte del loro percorso, con tratti vallivi, brevi che si sviluppano nei conoidi di deiezione o nelle piane alluvionali. Di conseguenza nelle parti montane si verificano intensi processi erosivi del alveo, mentre nei tratti di valle si osservano fenomeni di sovralluvionamento che danno luogo a sezioni poco incise con frequenti fenomeni di instabilità planimetrica anche per portate non particolarmente elevate. Il territorio del bacino idrografico di interesse, nell'areale dell'area di studio, si distribuisce invece su due bacini idrografici principali: il bacino del Rio Mannu ed il bacino del Fiume Santo-Rio d'Astimini a cui se ne aggiunge un terzo che sfociava originariamente nello stagno di Gennano ove attualmente sorge il complesso industriale. I corsi d'acqua principali sono dunque il Rio Mannu, con il suo affluente destro Rio d'Ottava ed il Fiume Santo; entrambi a carattere permanente. Il rio Mannu ed il Rio d'Ottava drenano la porzione di territorio impostata sulle formazioni marnoso arenacee Terziarie. Il reticolo idrografico su queste litologie è impostato su un sistema di valli e compluvi, dal fondo piatto, spesso delimitati da scarpate rocciose originatesi a seguito di processi di dilavamento e scalzamento al piede non più attivi nelle condizioni attuali. Il pattern di distribuzione del reticolo è estremamente semplice e poco ramificato in stretta relazione con l'elevata capacità di infiltrazione delle acque superficiali tipico di contesti carsici. Il bacino idrografico di Fiume Santo

drena invece il settore occidentale del territorio comunale in larga parte occupato dalle formazioni mesozoiche. Anche qui si osserva un reticolo idrografico poco ramificato, ospitato in ampi compluvi arrotondati o a fondo piatto; solo il corso d'acqua principale e nel tratto più vicino alla foce mostra un carattere permanente mentre le aste secondarie ed il tratto più a monte del Fiume Santo hanno carattere intermittente. Nel settore compreso tra i rilievi di Monte Alvaro- Monte Rosè ed i rilievi di Monte Elva, i bassi valori di acclività determinano difficoltà di drenaggio in parte affrontati con la realizzazione di alcuni canali artificiali. Tutto il settore a ridosso della zona industriale ricade all'interno del bacino idrografico di Gennano che sfociava nell'omonimo stagno interrato negli anni 60-70 con la infrastrutturazione dell'area industriale. Il bacino si sviluppa su un'area pianeggiante, al contatto tra le formazioni mioceniche ed il basamento mesozoico. Gran parte dell'area sottesa ricade all'interno dell'area industriale e dunque ha una rete di deflusso di tipo artificiale. Per quanto riguarda le acquee sotterranee, nel territorio di Porto Torres si distinguono 7 Unità idrogeologiche principali ulteriormente suddividibili in base alla permeabilità delle litologie in ulteriori due sub Unità:

– Unità Carbonatica Mesozoica

– Unità delle Vulcaniti Oligo-Mioceniche

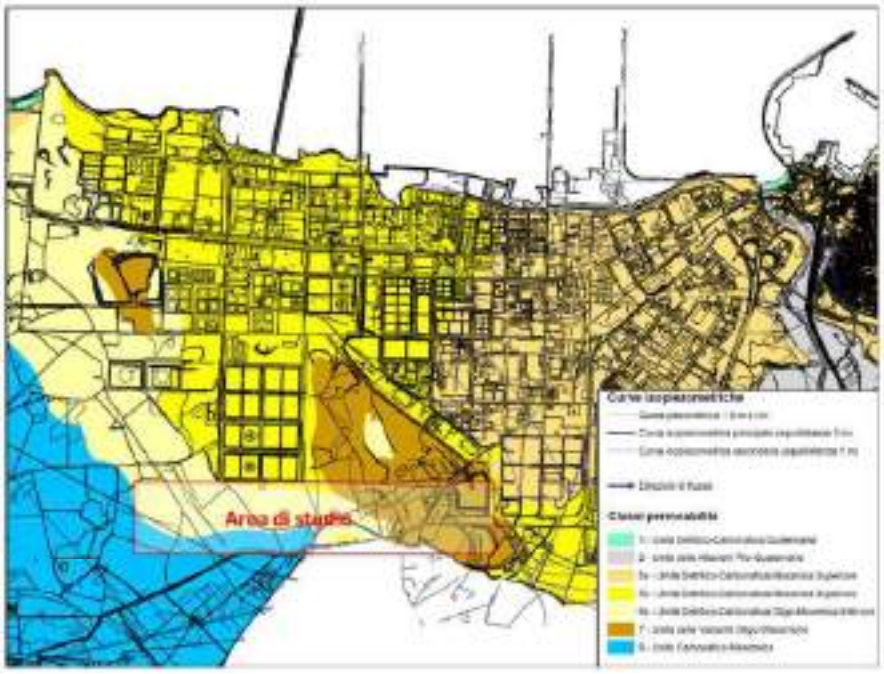
– Unità Detritico Carbonatica Oligo Miocenica Inferiore

– Unità Detritico Carbonatica Miocenica Superiore;

– Unità delle alluvioni Plio-Quaternarie;

– Unità Detritica Quaternaria.

L'area di indagine ricade nei complessi dell'unità carbonatica Mesoozoica, unità delle vulcaniti Oligo-Mioceniche e nelle unità Detritico carbonatica Oligo Miocenica

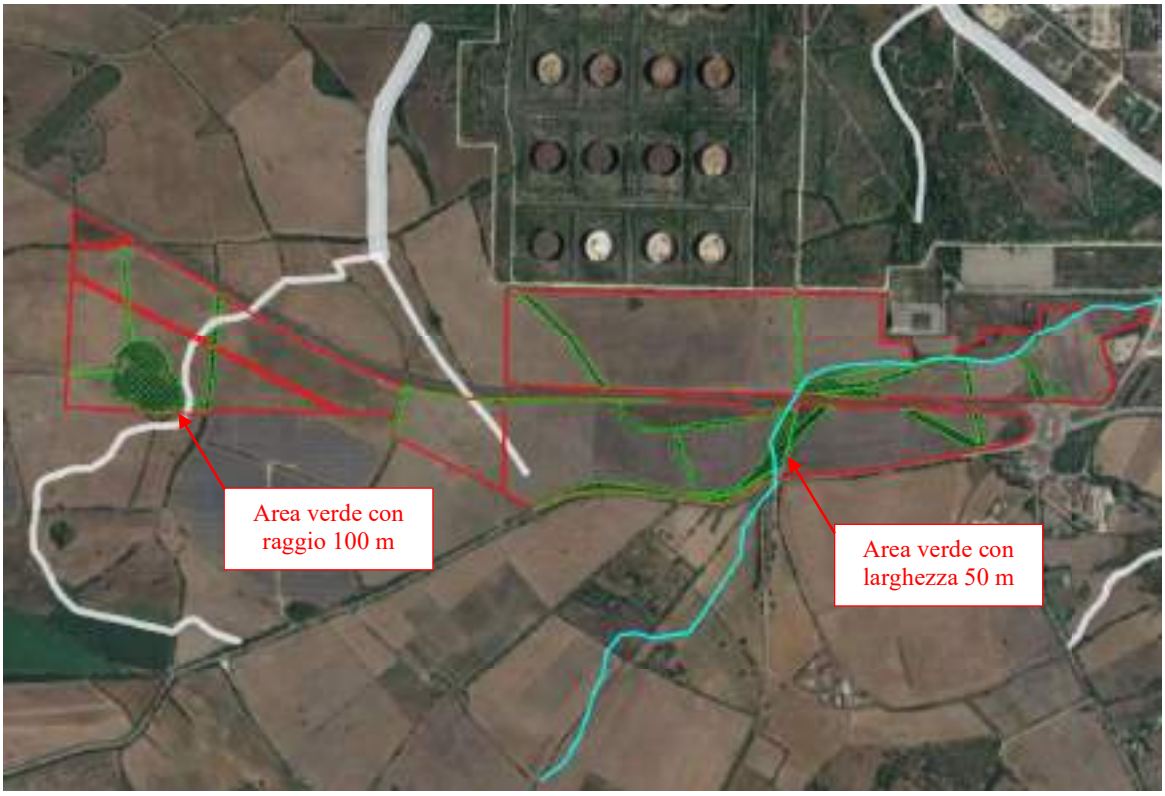


Stralcio carta idrogeologica con ubicazione area di studio - Tavola Amb.A.04a (piano urbanistico comunale)

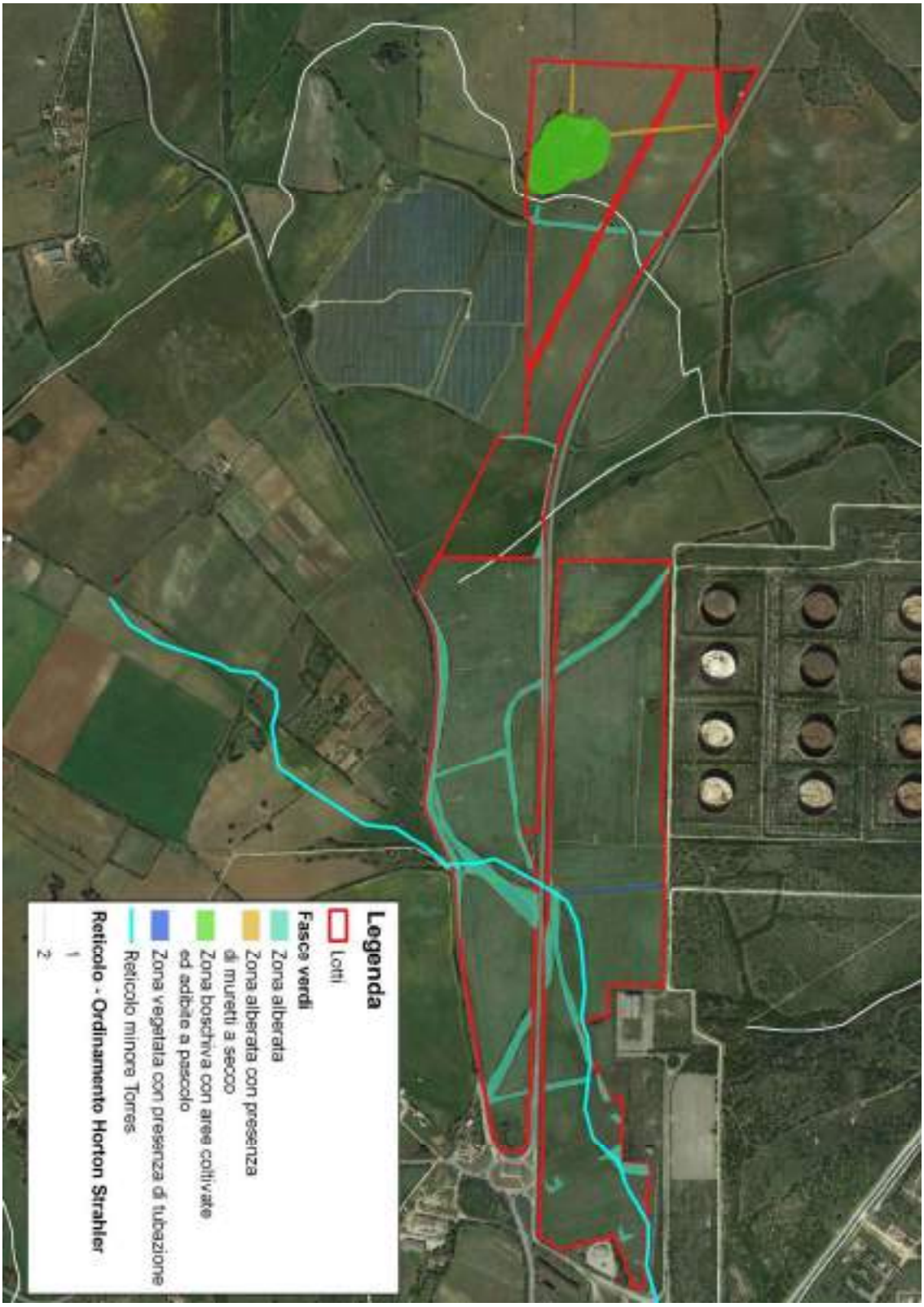
L'Unità detritico Carbonatica mesozoica è la più profonda ospitata nelle Formazioni calcareo dolomitiche mesozoiche. Presenta una permeabilità media di tipo secondario per fatturazione e carsismo e ospita un acquifero di notevole interesse. Geometricamente al di sopra dell'Unità detritico carbonatica mesozoica ritroviamo l'Unità delle Vulcaniti Oligo mioceniche che ospitano un complesso idrogeologico dotato di una permeabilità di tipo secondario per fratturazione di grado basso in relazione allo stato di alterazione che caratterizza la formazione vulcanica. Queste litologie affiorano lungo una stretta cintura sul lato occidentale dell'area industriale e si immergono in direzione NE al di sotto delle sequenze mioceniche. Questa successione ospita una falda superficiale di scarso interesse. L'Unità detritico carbonatica Miocenica Inferiore è rappresentata dalle formazioni conglomeratiche presenti alla base della sequenza sedimentaria miocenica (Formazione tipo Oppia Nuova) che emergono al margine dei rilevi carbonatici. Le litologie prevalenti sono rappresentate da conglomerati ad elementi di basamento metamorfico e carbonatico mesozoico, più o meno cementati e fratturati e mostrano nell'insieme una porosità di tipo medio-alto per porosità e/o fratturazione. Questo acquifero si immerge al di sotto delle marne e siltiti mioceniche della zona industriale, sostenuto al letto dal complesso vulcanico miocenico che assume un ruolo di aquitardo.

1.5 RILIEVO FOTOGRAFICO

Oltre ai tratti di reticolo idrografico investigati, i rilievi sul posto e satellitari hanno permesso di individuare delle aree verdi potenzialmente soggette ad accumulo di acque in seguito ad eventi meteorici intensi. Tali aree, rappresentate nella figura sottostante, sono costituite da fasce di larghezza all'incirca pari a 15 m. A queste, fanno eccezione una zona verde di larghezza 50 m, in corrispondenza del reticolo idrografico relativo al Bacino 3, nella parte est dell'area di interesse, ed in un'area circolare di raggio 100 metri nella parte ad ovest dell'area di interesse. Quest'ultima rientra nella componente ambientale "Boschi", nell'Assetto Ambientale del Piano Paesaggistico Regionale della Regione Sardegna. Delle aree verdi è stato fatto un rilievo fotografico di dettaglio, di seguito riportato, volto a determinarne la natura.



Aree di interesse con indicazione delle aree verdi con retino verde.



Aree verdi suddivise in base alla loro tipologia.

1.5.1 Punti fotografici da 1 a 9 – Zona Ovest

Di seguito si riporta il rilievo fotografico nella zona Ovest dell'area di intervento.

Punti fotografici da 1 a 9

Punto fotografico n.1

In corrispondenza del punto fotografico n.1 si evidenzia l'assenza di particolari rilievi morfologici. In particolare, la fascia verde è rappresentata da una zona alberata con la presenza di muretti a secco. Non si riscontra la presenza di canalizzazioni.





Foto scattate in corrispondenza del punto 1

Punto fotografico n.2

In corrispondenza del punto fotografico n.2 si evidenzia l'assenza di particolari rilievi morfologici, fatta eccezione per la presenza di un elemento affiorante che indica la possibile presenza di materiale roccioso in prossimità della superficie. Non si riscontra la presenza di canalizzazioni.



Foto scattate in corrispondenza del punto 2

Punti fotografici n.3 e n.4

In corrispondenza dei punti fotografici n.3 e 4, dove è presente l'area verde avente il diametro maggiore si riscontra l'effettiva presenza di una zona boschiva che include coltivazioni, aree a pascolo ed alberi con destinazione agricola. La vegetazione in questa zona raggiunge un'altezza approssimativa di 7.5 m. Non si riscontra la presenza di canalizzazioni, depressioni superficiali e/o rilievi morfologici di particolare entità.


Foto scattate in corrispondenza del punto 3

Foto scattata in corrispondenza del punto 3

Foto scattate in corrispondenza del punto 4

Foto scattate in corrispondenza del punto 4

Punto fotografico n.5

In corrispondenza del punto fotografico n.5 non è presente un'area verde, tuttavia si rileva la presenza di un pozzetto in muratura di piccole dimensioni, ad indicare la presenza di eventuali sottoservizi.

Foto scattate in corrispondenza del punto 5

Foto scattate in corrispondenza del punto 5

Punto fotografico n.6

In corrispondenza del punto fotografico n.6, corrispondente ad un punto di passaggio del reticolo idrografico, si osserva come vi è una interruzione della vegetazione. Non sono presenti canalizzazioni, tuttavia la morfologia del terreno favorisce l'accumulo delle portate meteoriche all'interno di tale tratto di reticolo che, in quanto tale, rappresenta un compluvio naturale.

L'altezza della vegetazione in questa zona raggiunge 3.5 m – 4.0 m.

Tale tratto è stato oggetto di studio di dettaglio idrologico-idraulico (River 1).

Foto scattate in corrispondenza del punto 6 con indicazione del tratto di reticolo.

Punto fotografico n.7

Il punto fotografico n.7 fornisce una panoramica dell'area di intervento. Si nota la presenza di un terreno con materiale roccioso di piccole dimensioni e l'assenza di particolari rilievi.

Foto scattate in corrispondenza del punto 7.

Punto fotografico n.8

In corrispondenza del punto fotografico n.8, non sono presenti vere e proprie canalizzazioni, tuttavia è presente un attraversamento per il passaggio per il reticolo idrografico, al di sotto del tratto stradale che congiunge la SP34 alla SP57, costituito da un TUBO FINSIDER con diametro interno pari a 136 cm. L'attraversamento, assieme al tratto di reticolo idrografico, è stato oggetto di studio di dettaglio idrologico-idraulico (River 1).

Foto scattate in corrispondenza del punto 8, si evidenzia la presenza dell'attraversamento per il tratto di reticolo idrografico (River 1).

Punto fotografico n.9

La foto scatta in corrispondenza del punto fotografico n.9, evidenzia come il tratto stradale che congiunge la SP34 alla SP57 si trovi per lunghi tratti ad una quota inferiori rispetto alle zone circostanti, comprese quelle dell'area di intervento.

Foto scattata in corrispondenza del punto 9.

1.5.2 Punti fotografici da 10 a 19 – Zona Centrale

Di seguito si riporta il rilievo fotografico nella zona Centrale dell'area di intervento.

Punti fotografici da 10 a 19, in giallo è indicato l'ultimo punto della Zona Ovest.

Punto fotografico n.10

La foto scatta in corrispondenza del punto fotografico n.10 evidenzia la presenza di un attraversamento al di sotto della strada che congiunge la SP34 alla SP57. L'attraversamento non ha carattere idraulico ma serve esclusivamente per il passaggio di veicoli.

Foto scattata in corrispondenza del punto 10. Si evidenzia la presenza dell'attraversamento stradale.

Punto fotografico n.11

In corrispondenza del punto fotografico n.11, non sono presenti vere e proprie canalizzazioni, tuttavia è presente un attraversamento per il passaggio per il reticolo idrografico, al di sotto del tratto stradale che congiunge la SP34 alla SP57, costituito da un TUBO FINSIDER con diametro interno pari a 136 cm. L'attraversamento, assieme al tratto di reticolo idrografico, è stato oggetto di studio di dettaglio idrologico-idraulico (River 2).

Foto scattata in corrispondenza del punto 11. Si evidenzia la presenza dell'attraversamento previsto per il tratto di reticolo.

Punti fotografici n.12 e n.13

In corrispondenza dei punti fotografici n.12 e 13, è presente vegetazione di modeste dimensioni con qualche albero sparso, a ridosso del tratto stradale che congiunge la SP34 alla SP57. Non si riscontra la presenza di canalizzazioni.

Foto scattata in corrispondenza del punto 12.

Foto scattata in corrispondenza del punto 13.

Punto fotografico n.14

Dal punto fotografico n.14, è possibile osservare il campo coltivato con ortaggi, con assenza di rilievi morfologici particolari. Non si riscontra la presenza di canalizzazioni.

Foto scattate in corrispondenza del punto 14.

Punto fotografico n.15

In corrispondenza del punto fotografico n.15, sebbene sia presente, su entrambi i lati della carreggiata una vegetazione molto fitta con alberi con altezze fino a 4 m, non si riscontra la presenza di canalizzazioni.

Foto scattate in corrispondenza del punto 15.

Punti fotografici n.16 e n.17

In corrispondenza dei punti fotografici n.16 e 17, è presente una vegetazione piuttosto fitta con alberi con altezze fino a 3.5 m, non si riscontra la presenza di canalizzazioni.




Foto scattate in corrispondenza del punto 16.

Foto scattata in corrispondenza del punto 17.

Punto fotografico n.18

In corrispondenza del punto fotografico n.18, è presente una vegetazione estremamente fitta, con altezze fino a 5.5 m, non si riscontra la presenza di canalizzazioni.

Foto scattata in corrispondenza del punto 18.

Punto fotografico n.19

In corrispondenza del punto fotografico n.19, è presente una tubazione in materiale metallico a fianco della strada sterrata, **sarà necessario rilevarne l'uso**.

Foto scattata in corrispondenza del punto 19.

1.5.3 Punti fotografici da 20 a 27 – Zona Est

Di seguito si riporta il rilievo fotografico nella zona Est dell'area di intervento.

Punti fotografici da 20 a 27, in giallo sono indicati gli ultimi punti della Zona Centrale.

Punto fotografico n.20

In corrispondenza del punto fotografico n.11, non sono presenti vere e proprie canalizzazioni, tuttavia è presente un attraversamento per il passaggio per il reticolo idrografico, al di sotto del tratto stradale che congiunge la SP34 alla SP57, costituito da un TUBO FINSIDER con diametro interno pari a 136 cm. Va inoltre evidenziato che l'attraversamento stradale si trova ad una quota pari o inferiore al tubo stesso, pertanto quest'ultimo durante gli eventi di piena favorisce il transito delle portate meteoriche. L'attraversamento stradale ha sezione 4 m x 4 m.

L'attraversamento, assieme al tratto di reticolo idrografico, è stato oggetto di studio di dettaglio idrologico-idraulico (River 3).

Foto scattate in corrispondenza del punto 20.

Punto fotografico n.21

In corrispondenza del punto fotografico n.21, è presente una tubazione in materiale metallico, **sarà necessario rilevarne l'uso**.

Foto scattata in corrispondenza del punto 21.

Punto fotografico n.22

In corrispondenza del punto fotografico n.22, è presente una fitta vegetazione con altezze fino a 5.5 m – 6.0 m, non si riscontra la presenza di canalizzazioni.

Foto scattata in corrispondenza del punto 22.

Punto fotografico n.23

In corrispondenza del punto fotografico n.23, è presente una fitta vegetazione con altezze fino a 4.0 m, non si riscontra la presenza di canalizzazioni.

Foto scattate in corrispondenza del punto 23.

Punto fotografico n.24

Dal punto fotografico n.24, è possibile osservare il campo coltivato con ortaggi, con assenza di rilievi morfologici particolari. Non si riscontra la presenza di canalizzazioni.





Foto scattate in corrispondenza del punto 24.

Punto fotografico n.25

In corrispondenza del punto fotografico n.25, è presente una fitta vegetazione con altezze fino a 4.0 m, non si riscontra la presenza di canalizzazioni.

Foto scattate in corrispondenza del punto 25.

Punto fotografico n.26

In corrispondenza del punto fotografico n.26, è presente una fitta vegetazione con altezze fino a 4.0 m, non si riscontra la presenza di canalizzazioni.







Foto scattate in corrispondenza del punto 26.

Punto fotografico n.27

In corrispondenza del punto fotografico n.27, è presente una vegetazione sparsa. Non si riscontra la presenza di canalizzazioni.

Foto scattate in corrispondenza del punto 27.

2 INTERFERENZE CON IL PIANO STRALCIO PER L'ASSETTO IDROGEOLOGICO (PAI)

L'analisi della cartografia relativa al PAI, al PGRA ed al PSFF ha evidenziato come l'area relativa al parco risulta esclusa dalle perimetrazioni relative alle fasce di pericolosità idraulica definite nei suddetti piani.

Inquadramento su Piano Stralcio Fasce Fluviali. L'area non è interessata dalle fasce del PSFF.

Inquadramento con indicazione pericolosità idraulica secondo l'articolo 41 delle norme previste nel PAI/PGRA. L'area non è interessata dalle fasce previste dal PAI/PGRA.

Tuttavia, sono presenti dei tratti di reticolo idrografico che interessano l'area di studio. Tali tratti di reticolo idrografico sono di Ordine Gerarchico (numero di Horton-Strahler) pari ad 1, ai sensi del comma 1 dell'art.30ter "Identificazione e disciplina delle aree di pericolosità quale misura di prima salvaguardia" delle Norme Tecniche di Attuazione del PAI.

Inquadramento con indicazione del reticolo idrografico.
I numeri in blu indicano l'ordine gerarchico dei tratti di reticolo idrografico.

Secondo quanto riportato al comma 2 dell'art.30 ter: *"per le opere e per gli interventi da realizzare all'interno della fascia di cui al comma 1, i proponenti sono tenuti preliminarmente ad effettuare apposito studio idrologico-idraulico volto a determinare le effettive aree di pericolosità idraulica:*
- *molto elevata (Hi4)*
- *elevata (Hi3)*
- *media (Hi2)*
- *moderata (Hi1)".*

Allo stesso tempo, il PSFF identifica la pericolosità idraulica delle aree di riferimento, secondo le seguenti fasce di inondazione:
- Fascia A2: aree inondabili con tempo di ritorno T =2 anni (pericolosità Hi4 del P.A.I.);
- Fascia A50: aree inondabili con tempo di ritorno T=50 anni (pericolosità Hi4 del P.A.I.);
- Fascia B100: aree inondabili con tempo di ritorno T=100 anni (pericolosità Hi3 del P.A.I.);
- Fascia B200: aree inondabili con tempo di ritorno T=200 anni (pericolosità Hi2 del P.A.I.);
- Fascia C: aree inondabili con tempo di ritorno T=500 anni o superiore (corrispondente alla pericolosità Hi1 del P.A.I.)

Sulla base di tali indicazioni, nel presente studio idrologico sono state preliminarmente condotte le verifiche per i diversi tempi di ritorno: 25, 50, 100, 200 e 500 anni, al fine determinare le corrispondenti aree inondabili (ossia per le quali sia rispettata almeno una delle seguenti condizioni):

- Tiranti > 0,25 m
- Velocità di ruscellamento > 0,30 m/s.

Ciò ha pertanto consentito di identificare la pericolosità idraulica delle aree oggetto del presente studio.

Preso atto che secondo l'art.27, comma 2 punto i delle NA del PAI *"Disciplina delle aree di pericolosità idraulica molto elevata (Hi4)"* **la realizzazione di impianti per l'impiego di fonti energetiche rinnovabili quali il fotovoltaico possano essere realizzate financo nelle Aree a Pericolosità Idraulica "Molto Elevata (Hi4)", per scelta progettuale ed in linea con le indicazioni del proponente, a vantaggio di sicurezza si è scelto di escludere dalle superfici destinate alla realizzazione dell'impianto FV sia le aree identificate come a Pericolosità Molto Elevata (Hi4, T=50 anni) che le aree a Pericolosità Elevata (Hi3, T=100 anni).**

Per i dettagli delle aree che sono risultate inondabili in funzione dei diversi tempi di ritorno, si rimanda al Capitolo 6.3 dove sono consultabili le relative planimetrie.

Di seguito, si riportano per massima chiarezza i contenuti dei riferimenti normativi su citati:

- Art.30ter *"Identificazione e disciplina delle aree di pericolosità quale misura di prima salvaguardia"* delle Norme Tecniche di Attuazione del PAI;
- Art.27, comma 2, punto i *"Disciplina delle aree di pericolosità idraulica molto elevata (Hi4)"* delle Norme Tecniche di Attuazione del PAI.

Articolo 30ter "Identificazione e disciplina delle aree di pericolosità quale misura di prima salvaguardia" delle Norme Tecniche di Attuazione del PAI

1. *Per i singoli tratti dei corsi d'acqua appartenenti al reticolo idrografico dell'intero territorio regionale per i quali non siano state ancora determinate le aree di pericolosità idraulica, con esclusione dei tratti le cui aree di esondazione sono state determinate con il solo criterio geomorfologico di cui all'articolo 30 bis, quale misura di prima salvaguardia finalizzata alla tutela della pubblica incolumità, è istituita una fascia su entrambi i lati a partire dall'asse, di profondità L variabile in funzione dell'ordine gerarchico del singolo tratto:*

Ordine gerarchico (numero di Horton-Strahler)	Profondità L (metri)
1	10
2	25
3	50
4	75
5	100
6	150
7	250
8	400

2. *Per le opere e per gli interventi da realizzare all'interno della fascia di cui al comma 1, i proponenti sono tenuti preliminarmente ad effettuare apposito studio idrologico-idraulico volto a determinare le effettive aree di pericolosità idraulica molto elevata (Hi4), elevata (Hi3), media (Hi2) e moderata (Hi1); tale studio dovrà contemplare i corsi d'acqua interessati nella loro interezza o almeno i tronchi degli stessi idraulicamente significativi in relazione alle opere e agli interventi da realizzare.*

3. *in assenza degli studi di cui al comma 2, nelle aree interne alla fascia di cui al comma 1, sono consentiti gli interventi previsti dall'articolo 27 delle NA.*

4. *Gli studi di cui al comma 2 sono approvati dal Comitato Istituzionale dell'Autorità di Bacino e per le aree a pericolosità idraulica così determinate si applicano le relative norme di salvaguardia di cui all'art. 65, comma 7 del Decreto Legislativo 152/2006.*

5. *Per le parti del territorio comunale diverse da quelle che possiedono significativa pericolosità idraulica ai sensi degli articoli 22 e 26 delle NA (quali a titolo esemplificativo le aree edificate, gli agglomerati industriali, commerciali e turistici e le aree con presenza di infrastrutture), gli studi previsti dall'articolo 8, commi 2 e 2bis, possono prescindere dalle analisi idrauliche e confermare le sole aree di pericolosità di prima salvaguardia istituite ai sensi del precedente comma 1.*

Articolo 27 "Disciplina delle aree di pericolosità idraulica molto elevata (Hi4)" comma 2 punto i

2. In materia di patrimonio edilizio pubblico e privato nelle aree di pericolosità idraulica molto elevata sono consentiti esclusivamente:

…

***i.** i mutamenti di destinazione d'uso ai sensi dell'art. 11 della LR 11 ottobre 1985, n. 23 e s.m.i. la realizzazione e l'integrazione di impianti privati di depurazione, di apparecchiature tecnologiche, di impianti per l'impiego di fonti energetiche rinnovabili e per il contenimento dei consumi energetici, unitamente alla realizzazione dei connessi volumi tecnici, a condizione che si tratti di interventi a servizio di singoli edifici, conformi agli strumenti urbanistici e valutati indispensabili per la funzionalità degli edifici o vantaggiosi dall'autorità competente per la concessione o l'autorizzazione.*

3 METODO DI STIMA DELLE PORTATE AL COLMO

Sono valutate le portate al colmo per i tempi di ritorno di 25, 50, 100, 200 e 500 anni, sulla base di quanto indicato nelle "Linee guida per l'attività di individuazione e perimetrazione delle aree a rischio idraulico e geomorfologico e delle relative misure di salvaguardia".

Viene fatto riferimento, per i bacini con superficie superiore ai 60km^2, al metodo diretto della regionalizzazione VAPI delle portate al colmo per la Sardegna secondo la distribuzione TCEV, riportato nelle sopraccitate Linee Guida e descritto in dettaglio nella "Valutazione delle piene in Sardegna" (Cao C., Piga E., Salis M., Sechi G.M. Rapporto Regionale Sardegna, CNR-GNDCI, LINEA 1, Istituto di Idraulica, Università di Cagliari, 1991). Per i bacini con superficie inferiore ai 60km^2, si procede con metodo indiretto mediante applicazione del metodo razionale (in particolare metodo S.C.S.).

Nel caso in cui nella schematizzazione di uno stesso bacino siano presenti sottobacini sia di superficie superiore che inferiore a 60km^2, si procede ponendo a confronto criticamente i risultati di entrambi i metodi scegliendo i dati di progetto più verosimili.

Inoltre, dove disponibili e significativi, vengono considerati anche i valori delle portate di piena caratteristiche direttamente valutati con analisi statistica delle serie cronologiche delle stazioni di misura.

Data la presenza di un numero elevato di serbatoi artificiali lungo il reticolo idrografico regionale è necessario valutare l'influenza degli invasi sui colmi di portata. Essendo la definizione dell'idrogramma di riferimento un'operazione assai complessa e un problema ancora in discussione dal punto di vista scientifico, la cui teoria va ricercata nella definizione di funzioni di frequenza di probabilità condizionata, si fa riferimento a tecniche di stima semplificate, che implicano l'ipotesi di isofrequenza tra portata al colmo e idrogramma di piena, come suggerito nelle "Integrazioni Metodologiche" delle Linee Guida per la Redazione del Progetto di Piano Stralcio delle Fasce Fluviali, del 2006.

3.1 Metodo SCS per la definizione delle portate al colmo

Per la stima delle portate al colmo dei bacini di superficie inferiore a 60km^2, si fa riferimento alla formula empirica del Soil Conservation Service Method, in base ai seguenti criteri:

- le precipitazioni intense vengono desunte dalla regionalizzazione VAPI;
- i tempi di corrivazione vengono valutati a partire dai parametri morfometrici definiti come specificato, secondo le espressioni empiriche più rispondenti alle tipologie dei bacini in esame;
- i coefficienti di deflusso derivano dall'analisi secondo il metodo SCS – Curve Number, raffrontato con i dati disponibili da studi pregressi e da eventuali misure idrologiche relative a eventi di piena storici.
- Il metodo adotta le seguenti assunzioni:
- la durata D della pioggia netta è inferiore o uguale di 0,133 tc;
- la durata D è minore di 0,2 volte il tempo di crescita dell'onda di piena (tp).

In queste condizioni il valore al colmo della portata risulta:

$$Qc=0.28\ Ro\ A / tp \qquad (m^3/s)$$

dove:

- Ro = volume netto di pioggia per unità di superficie (mm);
- A = superficie del bacino (km2);
- tp = tempo di crescita dell'onda di piena (h).

Vengono nel seguito descritte le assunzioni e le metodologie di stima dei suddetti parametri.

3.2 Curve segnalatrici di possibilità pluviometrica in Sardegna e volume netto di pioggia per unità di superficie

Per la definizione delle precipitazioni è innanzi tutto necessario definire la sottozona omogenea SZO della Regione Sardegna di appartenenza del bacino in esame, secondo la divisione riportata in figura seguente.

La pioggia indice μ(t) di durata τ (ovvero la media dei massimi annui delle piogge di durata τ) può essere espressa in forma monomia:

$$\mu(\tau) = a_1\ \tau^{n1}$$

dove i coefficienti a_1 e n_1 si possono determinare in funzione della pioggia indice giornaliera μ_g,

$$a_1 = \mu_g / (0{,}886 \cdot 24^{n_1})$$

$$n_1 = -0{,}493 + 0{,}476 \, \mathrm{Log}_{10} \, \mu_g \, ,$$

La pioggia indice giornaliera μ_g viene stimata sulla base della carta delle isoiete.

Divisione delle sottozone omogenee SZO della Regione Sardegna.

Carta delle isoiete per identificare la pioggia indice giornaliera in mm

L'altezza di pioggia $h_T(\tau)$ di durata τ con assegnato tempo di ritorno T in anni si ottiene moltiplicando la pioggia indice $\mu(\tau)$ per un coefficiente di crescita $K_T(\tau) = a_2 \tau^{n2}$:

$$h_T(\tau) = \mu(\tau) K_T(\tau) = (a_1 a_2) \tau^{(n1+n2)}$$

dove i coefficienti a_2 e n_2 si determinano con le seguenti relazioni, distinte per sottozona, per differenti T e τ

a) per tempi di ritorno T <= 10 ANNI

SZO 1 $a_2 = 0{,}66105 + 0{,}85994 \log_{10} T$;
$n_2 = -1{,}3558\ 10^{-4} - 1{,}3660\ 10^{-2} \log_{10} T$;
SZO 2 $a_2 = 0{,}64767 + 0{,}89360 \log_{10} T$;
$n_2 = -6{,}0189\ 10^{-3} + 3{,}2950\ 10^{-4} \log_{10} T$;
SZO 3 $a_2 = 0{,}62408 + 0{,}95234 \log_{10} T$;
$n_2 = -2{,}5392\ 10^{-2} + 4{,}7188\ 10^{-2} \log_{10} T$;

b) per tempi di ritorno T > 10 ANNI

SZO 1 $a_2 = 0{,}46378 + 1{,}0386 \log_{10} T$
$n_2 = -0{,}18449 + 0{,}23032 \log_{10} T - 3{,}3330\ 10^{-2} (\log_{10} T)^2$ (per τ <= 1 ora)
$n_2 = -1{,}0563\ 10^{-2} - 7{,}9034\ 10^{-3} \log_{10} T$ (per τ >= 1 ora)
SZO 2 $a_2 = 0{,}44182 + 1{,}0817 \log_{10} T$
$n_2 = -0{,}18676 + 0{,}24310 \log_{10} T - 3{,}5453\ 10^{-2} (\log_{10} T)^2$ (per τ <= 1 ora)
$n_2 = -5{,}6593\ 10^{-3} - 4{,}0872\ 10^{-3} \log_{10} T$ (per τ>= 1 ora)
SZO 3 $a_2 = 0{,}41273 + 1{,}1370 \log_{10} T$
$n_2 = -0{,}19055 + 0{,}25937 \log_{10} T - 3{,}8160\ 10^{-2} (\log_{10} T)^2$ (per τ <= 1 ora)
$n_2 = 1{,}5878\ 10^{-2} + 7{,}6250\ 10^{-3} \log_{10} T$ (per τ >= 1 ora)

La pioggia ottenuta viene quindi ragguagliata all'area tramite il parametro r, secondo la formulazione utilizzata nel VAPI, che fa riferimento al Flood Studies Report:

$$r = 1 - (0{,}0394\ A^{0.354})\ d^{(-0.40+0.0208\ \ln(4.6-\ln(A)))} \quad \text{per } A < 20\ km^2$$
$$r = 1 - (0{,}0394\ A^{0.354})\ d^{(-0.40+0.003832\ (4.6-\ln(A)))} \quad \text{per } A > 20\ km^2$$

dove

d è la durata della precipitazione;

A è la superficie del bacino (espressa in km^2).

Assumendo che l'invaso per infiltrazione nel suolo in ogni istante sia proporzionale al valore massimo dello stesso e che la precipitazione efficace sia proporzionale all'afflusso meteorico, si ha la seguente equazione (USDA – SCS, 1986) per la definizione del volume netto di pioggia per unità di superficie Ro:

$$Ro = (h - 0{,}2\ S)^2 / (h + 0{,}8\ S)\ (mm)$$

dove

h = precipitazione meteorica ragguagliata (mm);

S = valore massimo dell'invaso per infiltrazione (mm). Il valore S è calcolato dall'equazione:

$$S = 25((1000/CN) - 10) \quad (mm)$$

3.3 Calcolo del tempo di corrivazione e stima del tempo di crescita dell'onda di piena

La determinazione del valore del tempo di corrivazione per il calcolo della portata al colmo viene effettuata avvalendosi della formulazione SCS:

$$tc = (((1000 / CN) - 9)^{0.7} \cdot (L \cdot 1000)^{0.8}) / (441 \cdot (i_b \cdot 100)^{0.5})$$

dove:

L = la lunghezza dell'asta principale;

ib = la pendenza di versante.

I valori del parametro di assorbimento CN da inserire nella formula, vengono determinati facendo riferimento alla carta del CN costruita sulla base delle informazioni sull'uso suolo, la litologia e la permeabilità a disposizione.

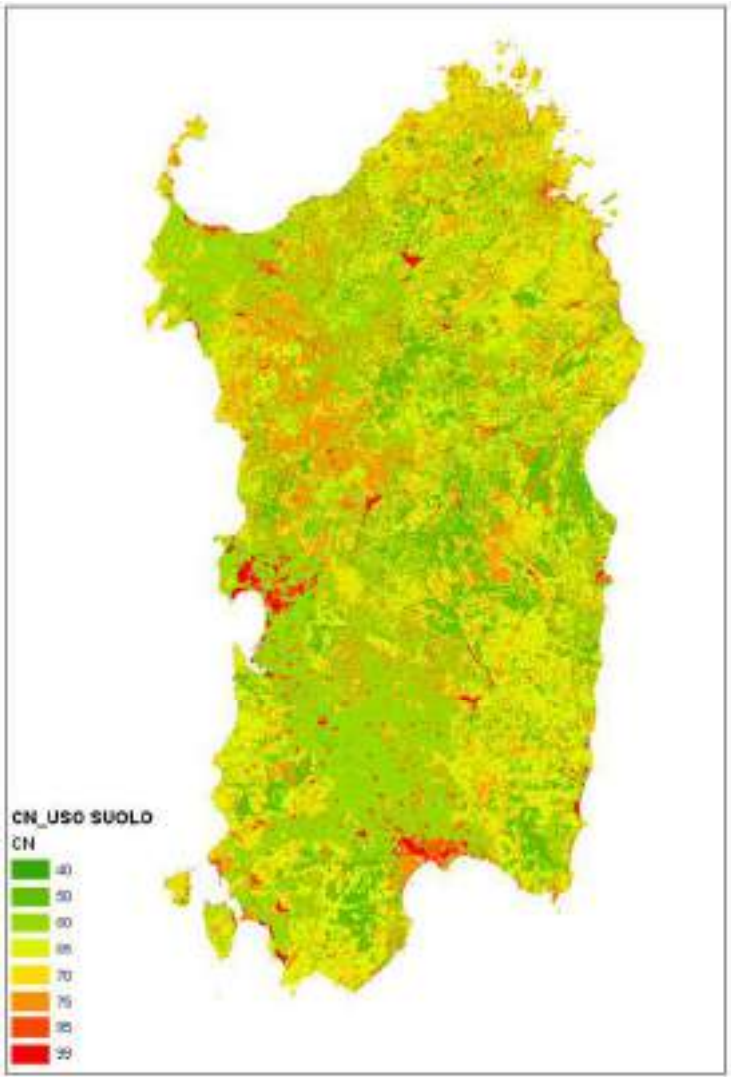
Nello specifico ad ogni tipologia di copertura del territorio è stato assegnato un valore di CN secondo la classificazione riportata in Tabella.

Descrizione	CN
1111 - TESSUTO RESIDENZIALE COMPATTO E DENSO	95
1112 - TESSUTO RESIDENZIALE RADO	95
1121 - TESSUTO RESIDENZIALE RADO E NUCLEIFORME	95
1122 - FABBRICATI RURALI	95
1211 - INSEDIAMENTO INDUSTRIALI/ARTIG. E COMM. E SPAZI ANNESSI	95
1212 - INSEDIAMENTO DI GRANDI IMPIANTI DI SERVIZI	95
1221 - RETI STRADALI E SPAZI ACCESSORI	95
1222 - RETI FERROVIARIE E SPAZI ANNESSI	95
1223 - GRANDI IMPIANTI DI CONCENTRAMENTO E SMISTAMENTO MERCI	99
1224 - IMPIANTI A SERVIZIO DELLE RETI DI DISTRIBUZIONE	95
123 - AREE PORTUALI	95
124 - AREE AEROPORTUALI ED ELIPORTI	95
131 - AREE ESTRATTIVE	75
1321 – DISCARICHE	75
1322 - DEPOSITI DI ROTTAMI A CIELO APERTO, CIMITERI DI AUTOVEICOLI	75
133 – CANTIERI	95
141 - AREE VERDI URBANE	70
1421 - AREE RICREATIVE E SPORTIVE	95
1422 - AREE ARCHEOLOGICHE	75
143 – CIMITERI	95

Descrizione	CN
2111 - SEMINATIVI IN AREE NON IRRIGUE	60
2112 - PRATI ARTIFICIALI	75
2121 - SEMINATIVI SEMPLICI E COLTURE ORTICOLE A PIENO CAMPO	60
2122 – RISAIE	99
2123 – VIVAI	70
2124 - COLTURE IN SERRA	75
221 – VIGNETI	60
222 - FRUTTETI E FRUTTI MINORI	60
223 – OLIVETI	60
231 - PRATI STABILI	75
2411 - COLTURE TEMPORANEE ASSOCIATE ALL'OLIVO	60
2412 - COLTURE TEMPORANEE ASSOCIATE AL VIGNETO	99
2413 - COLTURE TERMPORANEE ASSOCIATE AD ALTRE COLTURE PERMANENTI	60
242 - SISTEMI COLTURALI E PARTICELLARI COMPLESSI	60
243 - AREE PREV. OCCUPATE DA COLTURE AGRARIE CON PRESENZA DI SPAZI NATURALIIMPORTANTI	70
244 - AREE AGROFORESTALI	70
3111 - BOSCHI DI LATIFOGLIE	50
31121 - PIOPPETI SALICETI EUCALITTETI	50
31122 – SUGHERETE	65
31123 - CASTAGNETI DA FRUTTO	50
31124 – ALTRO	50
3121 - BOSCHI DI CONIFERE	70
3122 - CONIFERE A RAPIDO ACCRESCIMENTO	70
313 - BOSCHI MISTI DI CONIFERE E LATIFOGLIE	60
321 - AREE A PASCOLO NATURALE	75
3221 - CESPUGLIETI ED ARBUSTETI	65
3222 - FORMAZIONI DI RIPA NON ARBOREE	65
3231 - MACCHIA MEDITERRANEA	65
3232 – GARIGA	65
3241 - AREE A RICOLONIZZAZIONE NATURALE	70
3242 - AREE A RICOLONIZZAZIONE ARTIFICIALE	70
3311 - SPIAGGE DI AMPIEZZA SUPERIORE A 25M	40
3312 - AREE DUNALI NON COPERTE DA VEGETAZIONE DI AMPIEZZA SUPERIORE A 25M	40
3313 - AREE DUNALI COPERTE DA VEGETAZIONE DI AMPIEZZA SUPERIORE A 25M	40
3315 - LETTI DI TORRENTI DI AMPIEZZA SUPERIORE A 25M	99
332 - PARETI ROCCIOSE E FALESIE	75
333 - AREE CON VEGETAZIONE RADA > 5% E< 40%	75
411 - PALUDI INTERNE	99
421 - PALUDI SALMASTRE	99
422 – SALINE	75
423 - ZONE INTERTIDALI	99
5111 - FIUMI, TORRENTI E FOSSI	99

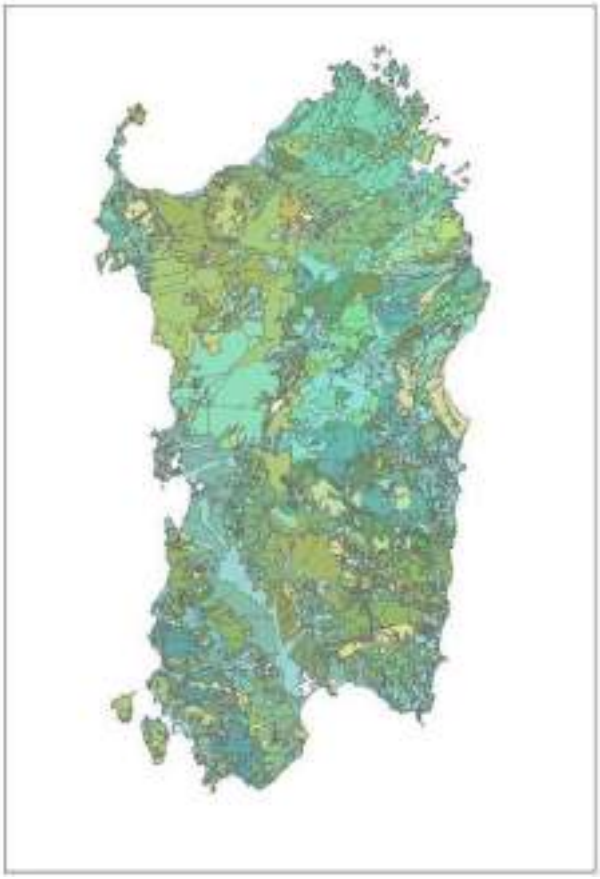
Descrizione	CN
5112 - CANALI E IDROVIE	99
5121 - BACINI NATURALI	99
5122 - BACINI ARTIFICIALI	99
5211 - LAGUNE, LAGHI E STAGNI COSTIERI A PRODUZIONE ITTICA NATURALE	99
5212 - ACQUACOLTURE IN LAGUNE, LAGHI E STAGNI COSTIERI	99
522 - ESTUARI E DELTA	99
5231 - AREE MARINE A PRODUZ. ITTICA NATURALE	99
5232 - ACQUACOLTURE IN MARE LIBERO	99

La carta tematica costruita utilizzando questo tipo di informazione restituisce una visione d'insieme delle diverse risposte del suolo.



Carta del CN in funzione del solo Uso Suolo, sulla base dei dati Carta CORINE

Si è proceduto all'analisi delle informazioni presenti nella Carta geologica resa disponibile dalla Regione Sardegna, al fine di ottenere fattori correttivi per il calcolo definitivo dei valori di CN a scala regionale. Lo strato cartografico presenta più di sessanta diverse classi geologiche.



Carta geologica della Sardegna

Ogni classe è stata indagata e, in considerazione degli aspetti geologici preminenti e delle caratteristiche di permeabilità proprie di ogni classe, sono stati stimati i coefficienti di variazione da attribuire ad ogni tipo litologico.

I coefficienti di variazione del Curve Number vengono assunti nell'intervallo di valori (- 5, +15); un coefficiente di variazione pari a - 5 è tipico dei terreni incoerenti ad elevata capacità di infiltrazione: ne sono un esempio i depositi detritici, come il tipo "Ghiaie, sabbie, limi ed argille sabbiose di origine alluvionale, eolica e litorale"; al contrario un valore del coefficiente di variazione pari a + 15 è proprio delle rocce con strutture cristalline compatte e poco permeabili, come il tipo "Metarioliti e metariodaciti con fenocristalli da millimatrici a decimetrici di kfs; quarziti, metarenarie, metaconglomerati poligenici con elementi di metavulcaniti, metaepiclastiti,metagrovacche. (Ordoviciano medio)".

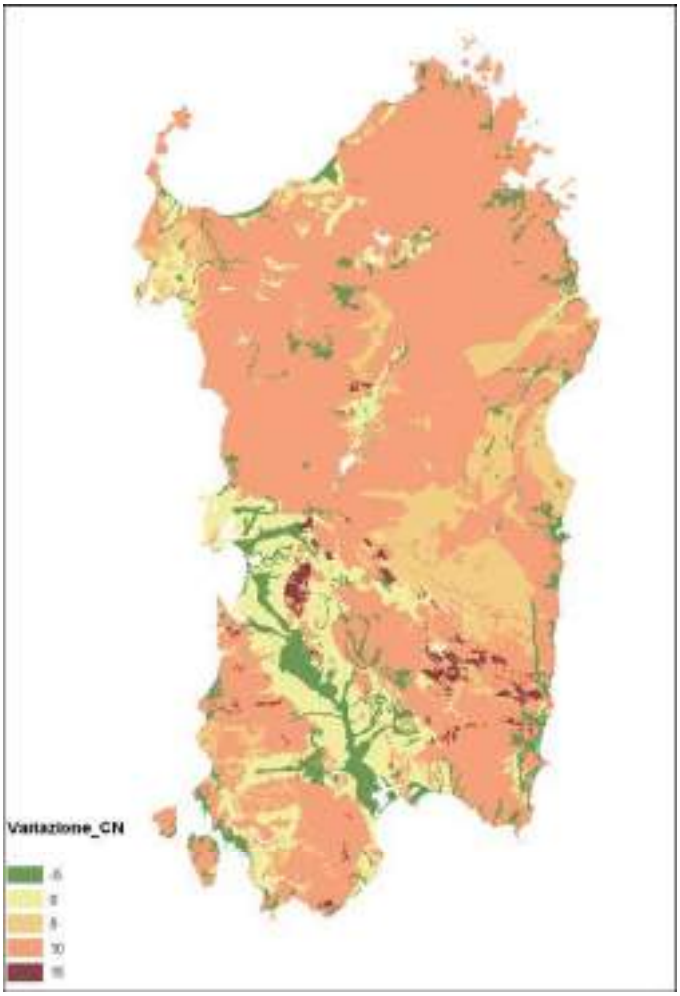
La tavola di variazione del Curve Number che si è infine desunta viene riportata in forma completa di seguito:

	ΔCN
Alternanza di metarenarie, quarziti e filladi (47b). Metarenarie e filladi a bt (47a). Successioni terrigene prevalentemente attribuite al Cambriano-Ordoviciano inf. e subordinatamente all'Ordoviciano sup. e al Devoniano-Carbonifero inf.)	5
Alternanza di quarziti, metarenarie, metapeliti e metasiltiti, metaconglomerati e brecce; olistoliti e olistostromi della successione siluro-devoniana. (Carbonifero inf.)	10
Andesiti, andesiti basaltiche e rari basalti ad affinita tholeiitica e calcalcalina, talora brecciati in colate, cupole di ristagno; lave andesitiche e dacitiche in cupole e filoni; andesiti, basalti andesitici e latiti ad affinita da calcalcalina a	10
Anfiboliti con relitti di paragenisi eclogitiche. (Precambriano)	15
Anfiboliti e anfiboliti ultramafiche con relitti di paragenesi granulitiche. (Precambriano)	15
Arenarie di San Vito e Formazione di Solanas: metaranarie micacee e quarziti alternate a metapeliti e rari metaconglomerati, con piste ed impronte di Meduse e Acritarchi; nella parte alta metapeliti viola, nere e verdastre, quarziti e metaconglomerat	10
Arenarie eoliche wurmiane (2c); Conglomerati, arenarie e biocalcareniti di spiaggia (2b);Conglomerati, sabbie, argille piu meno cementate (2a).	0
Arenarie marnose, siltiti, calcareniti sublitorali (9d). (Serravalliano med.- sup.)Marne e marne arenacee epibatiali (9c).(Langhiano med. -sup.-Serravalliano inf.)Marne arenacee e siltose,arenarie,conglomerati, calcareniti e sabbie silicee sublitoral	10
Argille rosso violacee, arenarie quarzoso-micacee e conglomerati di piana alluvionale, con intercalazioni di calcari silicizzati. (Permiano sup.-Trias medio p.p)Conglomerati, arenarie, brecce vulcaniche, calcari con selci lacustri e lenti di antra	10
Basalti alcalini e transizionali, trachibasalti, andesiti basaltiche e basalti subalcalini,intercalati, alla base, da depositi di tipo fluvio lacustri (5b). (Pliocene-Pleistocene)Trachiti, trachiti fonolitiche, fonoliti, fonoliti tefritiche e tefriti	10
Conglomerati a matrice argillosa e arenarie di derivazione alluvionale (8d).Calcarivacuolari e brecciati sopratidali e intertidali; calcari microcristallini di ambiente evaporitico,marne e calcari organogeni sublitorali (8c). (Messiniano)Calcari e ar	0
Conglomerati e arenarie continentali con banchi di selce, tufiti, tufi pomicei (10f). (Burdigagliano)Arenarie, conglomerati, tufiti piu o meno arenacee, calcari sublitorali (10e)Calcari selciosi, siltiti, arenarie e conglomerati fluviali con interca	0
Conglomerati, arenarie ed argille derivanti dallo smantellamento di sedimentimiocenici (Formazione di Samassi) (3b); Sabbie carbonatiche e siltiti argillose (3a).	0
Conglomerati, arenarie marnose, marne e calcareniti sublitorali (Plioc. inf.)	0
Dolomie, dolomie marnose e marne con gessi e argille. (Trias sup)Depositi carbonatici di piattaforma: calcari dolomitici e dolomie arenacee, calcari e calcari marnosi con rare intercalazioni gessose, circalitorali e transizionali. (Trias medio)	10
Filoni a composizione prevalentemente basaltica e comenditica. (Oligocene sup.- Mioceneinf. medio)	10
Filoni a composizione trachibasaltica, alcalibasaltica e hawaitica.(Pliocene-Pleistocene)	10
Filoni principali di porfidi granitici e ammassi di microgranit, principali filoni aplitici e pegmatitiche.(Carbonifero sup.- Permiano)	10
Filoni principali di quarzo. (Carbonifero sup. Permiano)	10
Formazione di Cabitza: argilloscisti, metarenarie, metacalcari nodulari, metasiltiti con rare lenti calcaree. (Cambriano inf.-Ordoviciano)	10
Formazione di Dorgali: dolomie, dolomie arenacee, calcari dolomitici, da litorali a circa litorali; conglomerati, arenarie quarzose, siltiti ed argille fluvio-deltizi con livelli lignitiferi (Dogger-Malm)	5
Formazione di Gonnesa (Metallifero Auct.): metacalcari e metadolomie; metadolomie e metacalcaristromatolitici. (Cambriano inf.)	5
Formazione di Nebida (Formazione delle Arenarie Auct.): metarenarie a cemento carbonatico,metadolomie, metacalcari oolitici e micritici; arenarie siltose con rare intercalazioni di calcari (63c). (Cambriano inf.)Filladi e metarenarie, talvolta con i	10
Formazione di Serra Tonnai: metavulcaniti intermedie o raramente basiche, metagrovacche vulcaniche;Formazione di Manixeddu: metaepiclastiti, metaconglomerati a prevalenti elementi di vulcaniti acide.Formazione di M.te Corte Cerbos: metarioliti, metac	5
Ghiaie, sabbie, limi ed argille sabbiose di origine alluvionale, eolica e litorale.	-5
Granitoidi a crd. (Carbonifero sup.-Permiano)	10
Granitoidi foliati, principalmente granodioriti tonalitiche fino a tonaliti. (Carbonifero sup.-Permiano)	10

	ΔCN
Granodioriti tonalitiche. (Carbonifero sup.-Permiano)	10
Granodioriti, monzogranitiche equigranulari. (Carbonifero sup.-Permiano)	10
Granodioriti, monzogranitiche inequigranulari. (Carbonifero sup.-Permiano)	10
Leucograniti a grt. (Carbonifero sup.-Permiano)	10
Leucograniti equigranulari. (Carbonifero sup.-Permiano)	10
Marmi grigi, raramente dolomitici, con alternanze filladiche, localmente fossiliferi. (Devoniano)	5
Metacalcari nodulari. (Devoniano) Metacalcari a graptoliti. (Siluriano-Devoniano inf.)	10
Metacalcari nodulari; sottili alternanze di metacalcari e metasiltiti (49b). (Devoniano inf. medio-Tournaisiano inf.) Marmi talvolta dolomitici e calcescisti (49a). (Devoniano- Carbonifero inf.)	10
Metaconglomerati, metarcosi, metesiltiti, metagrovacche, con intercalazioni di metabasiti alcaline;metacalcareniti e metacalcari fossiliferi spesso silicizzati. (Caradoc-Ashgill)	10
Metagabbri alcalini (45b). (Carbonifero inf.)Filladi scure carboniose, metasiltiti, quarziti nere con rare e sottili intercalazioni di marmi (45a). (Devoniano)	10
Metapeliti scure carboniose, nella parte inferiore livelli di quarziti nere a graptoliti; nelle partesuperiore metalcalcari nodulari. (Siluriano inf.-Devoniano inf.)	5
Metapeliti scure carboniose; nella parte inferiore quarziti nere a graptoliti. (Siluriano inf.)	15
Metarenarie , quarziti, filladi, metacoglomerati ad elementi di liditi, olistoliti e olistostromi della successione siluro-devoniana e ordoviciana, e metavulcaniti basiche alcaline, talora a pillow.(Carbonifero inf.)	10
Metarioliti e metariodaciti con fenocristalli da millimatrici a decimetrici di kfs; alla base sono presentiquarziti, metarenarie, metaconglomerati poligenici con elementi di metavulcaniti, metaepiclastiti,metagrovacche. (Ordoviciano medio)	15
Metasiltiti e metarenarie con intercalazioni di metavulcaniti basiche e metatufi; metaconglomeraticon olistoliti di calcari e dolomie cambriani, metasiltiti e metarenarie rosso-violacee di piana daalluvionale a costiera. (Caradoc-Ashgill)	10
Metavulcaniti acide, intermedie e basiche e metaepiclastiti. (Ordovicano medio)	10
Micascisti e paragneiss a grt+/-oligoclasio. (Paleozoico)	10
Migmatiti leucocratiche, nebuliti, magmatiti, gneiss, talora con lenti a silcati di calcio. (Precambriano)	10
Monzograniti equigranulari (28b). Monzograniti inequigranulari (28a). (Carbonifero sup.-Permiano)	10
Ortogneiss granodioritici e granitici. (Ordoviciano medio)	10
Ortogneiss granodioritici e monzogranitici. (Precambriano)	10
Ortogneiss granodioritici. (Ordoviciano medio)	15
Paragneiss, micascisti a grt+/-st+/-ky e quarziti in facies anfibolitica di pressione intermedia, miloniti di variabile grado metamorfico tra la facies anfibolitica e quella degli scisti verdi. (Paleo-zoico)	10
Paragneiss, micascisti e quarziti in facies anfibolitica di pressione intermedia con sovraimprontadi alta temperatura. (Paleozoico)	10
Porfidi grigi: metariodaciti e metadaciti massive, spesso porfiriche, metatufi e metatufiti; metavulcanitiriolitiche metatufiti e metaepiclastiti; metaconglomerati poligenici grossolani, con clasti di metarioliti. (Ordoviciano medio)	15
Principali corpi filoniani a composizione prevalentemente basaltica ad affinita calcalcalina e subordinatamente shoshonitica. (Carbonifero sup.- Permiano)	10
Rioliti e riodaciti in espandimenti ignimbritici e colate, porfidi in ammassi subvulcanici, lave, brecceandesitiche, subordinati espandimenti dacitici; rioliti alcaline in espandimenti ignimbritici.(Carbonifero sup.-Permiano sup.- Trias inf.)	10
Rioliti e riodaciti, daciti porfiriche vetrose e bollose. (Pliocene)	15
Rioliti, riodaciti, daciti e subordinatamente comenditi, in espandimenti ignimbritici, cupole diristagno e rare colate a cui si associano prodotti freatomagmatici; talora livelli epiclastici intercalati. (Oligocene sup.-Miocene inf. medio)	10
Sardegna occidentale: depositi carbonatici di piattaforma: calcari, calcari dolomitici,calcarioolitici e calcari bioclastici, sublitorali; alla base marne e calcari marnosi paralici (17b). (Berriasiano-Albiano inf.)Sardegna orientale: depositi carbo	5
Sardegna occidentale: depositi carbonatici di piattaforma: calcari, marne e calcareniti glauconitiche sublitorali e localmente calcari lacustri (16b). (Cenomaniano-Campaniano)Sardegna orientale: depositi carbonatici di piattaforma: calcari marnosi e	10

	ΔCN
Sardegna occidentale: depositi carbonatici di piattaforma: dolomie e calcari dolomitici, calcarioolitici, calcari ad oncoidi, calcari selciferi, calcari micritici, calcari marnosi e marne; alla sommitadolomie e calcari dolomitici scuri lacustri (18b	5
Sardegna orientale: calcari, calcari maenosi e marne argillose sublitorali (14b).Arenarie e conglomerati poligenici piu o meno quarzosi fluvio-deltizi (14a). (Ypresiano-Lutezianoinf.)	10
Sieniti sodiche. (Carbonifero sup.-Permiano)	10
Sulcis e Trexenta: calcari litorali e transizionali, calcari marnosi, marne e argille continentali e paralico-transizionali con depositi di carbone; alla base sono presenti, arenarie e conglomerati di piana alluvionale. (Paleocene sup.-Eocene inf. m	0
Tonaliti (33b). Gabbri e masse gabbro-tonalitiche (33a). (Carbonifero sup.-Permiano)	10

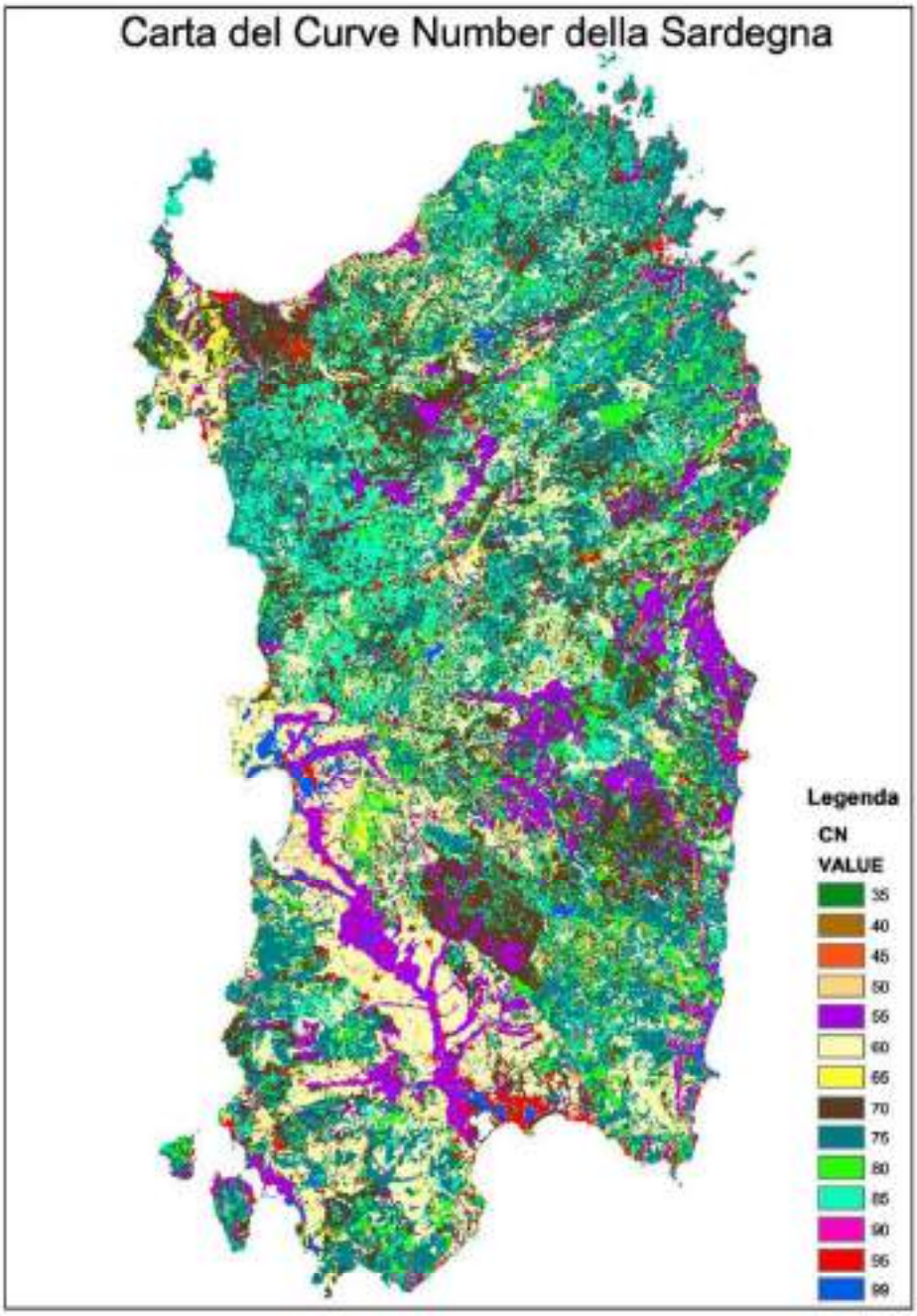
Utilizzando la tabella sopra riportata è stata realizzata una carta tematica che restituisce visivamente la distribuzione dei fattori correttivi ΔCN.



Carta di variazione del CN derivante dalla stima di permeabilità del terreno desunto dalla carta geologica

In ultima istanza i valori di Curve Number associati attraverso le caratteristiche dell'uso del suolo (CORINE) sono stati corretti considerando i fattori di variazione derivanti dall'analisi delle informazioni geologiche.

Nel procedimento di calcolo GIS è stata imposta la somma algebrica tra i codici di CN elaborati per il solo uso suolo ed i termini correttivi ΔCN. Il prodotto finale è la "Carta del Curve Number per la Regione Sardegna" in formato raster con maglia 10 X 10 metri. Dalle analisi svolte, l'informazione fornita dalla carta di permeabilità risulta essere coerente con l'interpretazione delle classi geologiche.



Carta del Curve Number per la Regione Sardegna

Per ogni sottobacino viene quindi incrociato in ambiante GIS il tematismo della carta dei CN con quello della perimetrazione dell'area in esame e definito il valore di CN da utilizzare. La stima del tempo di crescita dell'onda di piena è invece ricavata con la seguente formula:

$$tp=D/2 + tlag$$

dove:

D = durata della pioggia (h);

tlag = intervallo di tempo tra il centroide della pioggia e il colmo (h).

Si assume quindi

$$D = 0{,}133\ tc;\ tlag= 0{,}6\ tc$$

$$tp= 0{,}133 / 2\ tc + 0{,}6\ tc$$

4 CALCOLO DELLA PORTATA AL COLMO DI PIENA

Di seguito si riporta, in forma tabellare, il calcolo della portata avente tempi di ritorno 25, 50, 100, 200 e 500 anni. Si evidenzia che:

- I bacini hanno dimensioni inferiori a 60 km^2, per cui si può fare riferimento alla formula empirica del Soil Conservation Service Method.

- Per il Curve Number si è considerato il valore medio ponderato sui bacini. In particolare, per la stima del Curve Number medio ponderato sui bacini idrografici, per la condizione ANTE-OPERAM si è considerata la situazione esistente, mentre per il POST-OPERAM si è considerato, per tutte le aree ricadenti all'interno dell'area di intervento un Curve Number pari a 95, ad indicare una superficie pressochè impermeabile, a rappresentare una condizione molto cautelativa, come riportato nelle LINEE GUIDA E INDIRIZZI OPERATIVI PER L'ATTUAZIONE DEL PRINCIPIO DELLA INVARIANZA IDRAULICA (articolo 47 delle NTA del PAI).

- Per il calcolo di a_2 e n_2 si è considerata la sottozona SZO 2, in cui ricade l'area in esame, per tempo di ritorno maggiore di 10 anni.

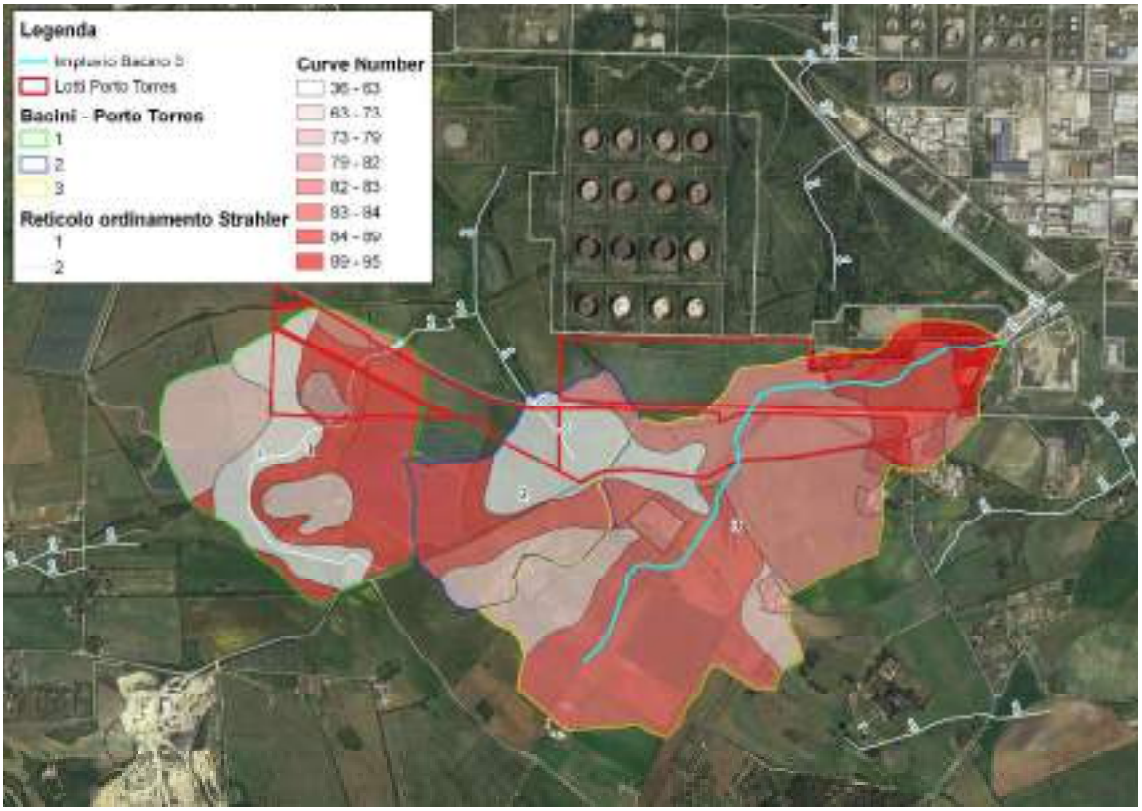
Caratteristiche bacino	1	2	3
A (km^2)	1.123	0.643	2.107
CN - Ante - Operam	74.87	73.28	80.89
CN - Post - Operam	78.87	79.07	84.74
Pioggia indice (mm)	45	45	45
a1	19.96	19.96	19.96
n1	0.29	0.29	0.29
tc (ore) - Ante - Operam	2.80	0.63	2.06
tp= 0,133 / 2 tc + 0,6 tc - Ante - Operam	1.70	0.49	1.27
tc (ore) - Post - Operam	2.49	0.54	1.81
tp= 0,133 / 2 tc + 0,6 tc - Post - Operam	1.52	0.45	1.13
S - Ante - Operam	83.91	91.16	59.06
r - Ante - Operam	0.972	0.960	0.961
S - Post - Operam	66.98	66.18	45.02
r - Post - Operam	0.971	0.958	0.959

Portata al colmo di piena - Ante - Operam

T (anni)	K_T	a2	n2		hT(t) (mm)			Ro (mm)			Qc (m^3/s)		
			t<1h	t>1h	B1	B2	B3	B1	B2	B3	B1	B2	B3
25	3.5	1.95	0.084	-0.011	52.17	32.85	47.84	10.50	2.02	13.65	1.88	0.72	6.10
50	4.4	2.28	0.124	-0.013	60.78	37.63	55.77	15.14	3.40	18.75	2.71	1.21	8.37
100	5.4	2.61	0.158	-0.014	69.38	42.35	63.68	20.26	5.05	24.25	3.63	1.80	10.83
200	6.3	2.93	0.185	-0.015	77.95	47.06	71.57	25.79	6.93	30.05	4.63	2.47	13.42
500	7.5	3.36	0.211	-0.017	89.25	53.33	81.99	33.58	9.76	38.10	6.02	3.47	17.01

Portata al colmo di piena - Post - Operam

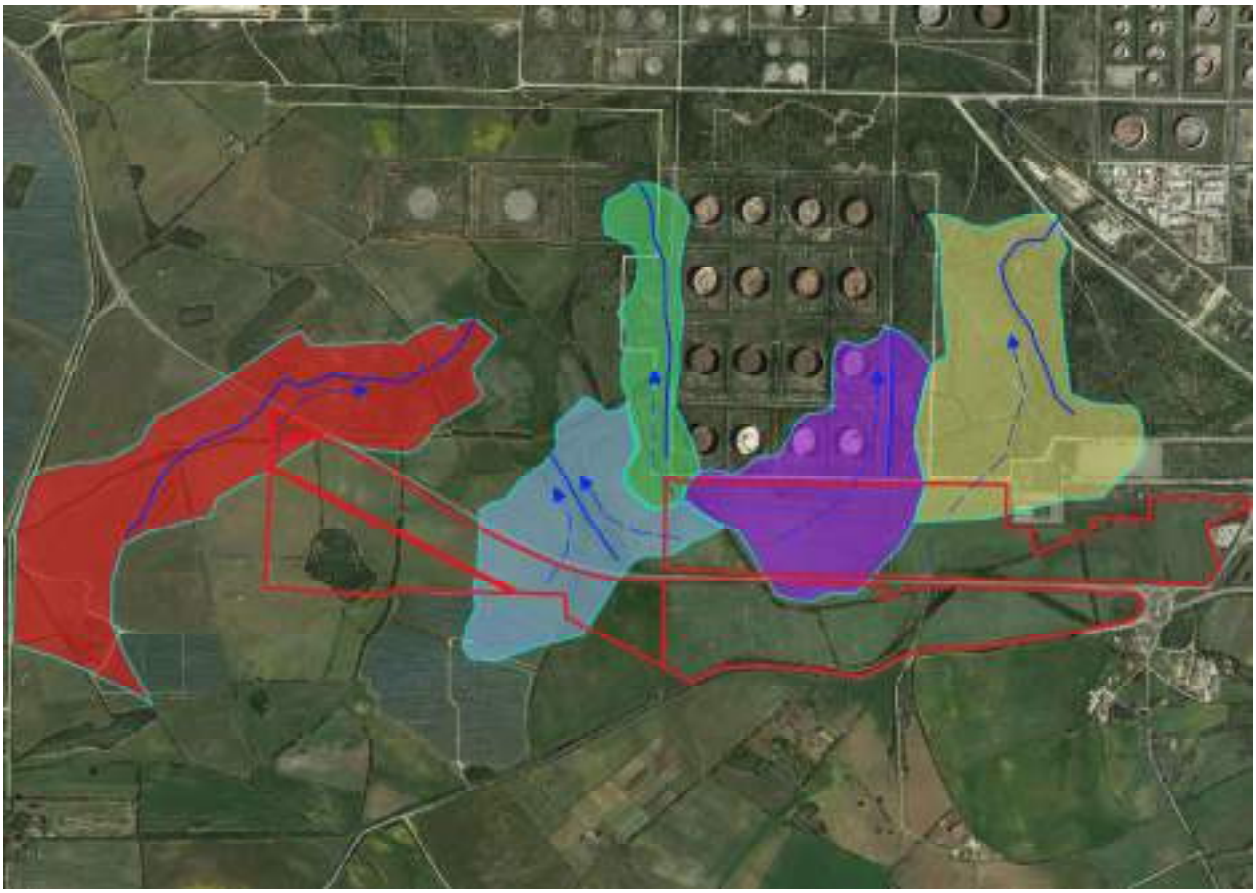
T (anni)	K_T	a2	n2		hT(t) (mm)			Ro (mm)			Qc (m^3/s)		
			t<1h	t>1h	B1	B2	B3	B1	B2	B3	B1	B2	B3
25	3.5	1.95	0.084	-0.011	50.45	30.81	46.14	13.20	3.69	16.79	2.65	1.43	8.44
50	4.4	2.28	0.124	-0.013	58.79	35.06	53.80	18.34	5.41	22.34	3.68	2.09	11.23
100	5.4	2.61	0.158	-0.014	67.12	39.23	61.43	23.91	7.33	28.21	4.80	2.84	14.18
200	6.3	2.93	0.185	-0.015	75.42	43.39	69.06	29.82	9.44	34.33	5.99	3.65	17.26
500	7.5	3.36	0.211	-0.017	86.37	48.96	79.13	38.05	12.52	42.71	7.64	4.84	21.47



Bacini idrografici con una rappresentazione del Curve Number nella condizione ANTE-OPERAM. I numeri in blu indicano l'ordinamento di Strahler di ciascun tratto di reticolo. Si evidenzia che, per il POST-OPERAM, per tutte le aree ricadenti all'interno dell'area di intervento un Curve Number pari a 95, ad indicare una superficie pressochè impermeabile.

Occorre inoltre precisare che:

Le aree periferiche interne ai lotti che non sono incluse nei tre bacini idrografici sopra menzionati sono incluse in bacini idrografici che interessano i lotti oggetto di studio, ma le cui acque non si accumulano sullo stesso, scorrendo senza essere incanalate verso impluvi esterni alle aree di interesse.



Bacini idrografici che interessano le aree di interesse ma le cui acque non si accumulano sullo stesso e scorrono verso impluvi esterni alle aree di interesse.

5 STUDIO IDRAULICO: METODOLOGIA

Come innanzi accennato, la modellazione e valutazione idraulica dei tratti interessati nel presente studio, è state condotta con il software HEC – RAS River Analysis System, dell'US Army Corps of Engineers, Hydrologic Engineering Center. Il rilievo topografico rispetto al quale sono state condotte le verifiche idrauliche e sono state definite le aree esondabili a seguito della modellazione idraulica eseguita è rappresentato dal Modello Digitale di elevazione del Terreno (DTM) con celle 1 metro x 1 metro, reso disponibile dalla Regione Sardegna per la fascia costiera.

L'analisi in condizioni di moto stazionario monodimensionale è stata effettuata modellando le situazioni attualmente esistenti. Per ciascun tratto il lavoro è stato articolato nelle seguenti fasi:

- Inserimento dei dati della geometria;
- Inserimento dei dati della portata;
- Svolgimento dei calcoli idraulici;
- Controllo dei risultati, conseguente integrazione dei dati di input ove necessario, correzione di questi ultimi e, ricalcolo del modello.

La prima fase, inserimento dati geometrici, ha riguardato innanzitutto il disegno dell'asta in esame tramite l'inserimento delle coordinate dei vertici. Si è quindi passati all'inserimento dei dati delle sezioni trasversali, con numerazione crescente da valle verso monte. Per le varie sezioni sono stati inseriti tutti i dati necessari al programma per l'elaborazione del modello. Per i coefficienti di Manning's si è tenuto conto di una situazione abbastanza sfavorevole.

Non è stato necessario inserire le aree a flusso nullo (Ineffective Flow Areas), finalizzate a poter definire aree, all'interno delle sezioni trasversali, che contengono acqua non attivamente convogliata, quindi zone in cui l'acqua "ristagna" e quindi la sua velocità, nella direzione del flusso, è relativamente bassa. Sono stati inoltre inseriti nel modello idraulico, dove presenti, gli attraversamenti. Terminato l'inserimento dei dati geometrici si è passati alla definizione dei dati relativi al moto permanente. Il passaggio successivo è quello che riguarda le condizioni al contorno. Queste sono necessarie per stabilire il livello del pelo libero dell'acqua all'estremità del sistema (A monte e/o a valle). In un regime di corrente lenta, la condizione al contorno necessaria è quella di valle (Non risente di ciò che accade a monte), in caso di corrente veloce la condizione necessaria quella di monte (Non risente di ciò che accade a valle). Se invece viene effettuato il caso in regime di flusso misto, come nel nostro caso, allora le condizioni al contorno devono essere immesse per entrambe le estremità del sistema. In particolare, in assenza di confluenze con altri tratti, si è considerata l'altezza critica, in questo caso non è necessario immettere nessuna ulteriore informazione, il programma calcolerà automaticamente l'altezza critica per ogni profilo e la userà come condizione al contorno. Per il calcolo del profilo di moto permanente è stata utilizzata l'opzione mixed. Effettuato il calcolo vengono visualizzati i risultati, sia in modo grafico che sotto forma tabellare, riportati in allegato alla presente relazione.

6 OUTPUT MODELLAZIONE IDRAULICA

Nel presente paragrafo si riportano i rilievi topografici con una rappresentazione planimetrica dei tratti investigati con una indicazione delle aree interessate per tempi di ritorno 25, 50, 100, 200 e 500 anni.

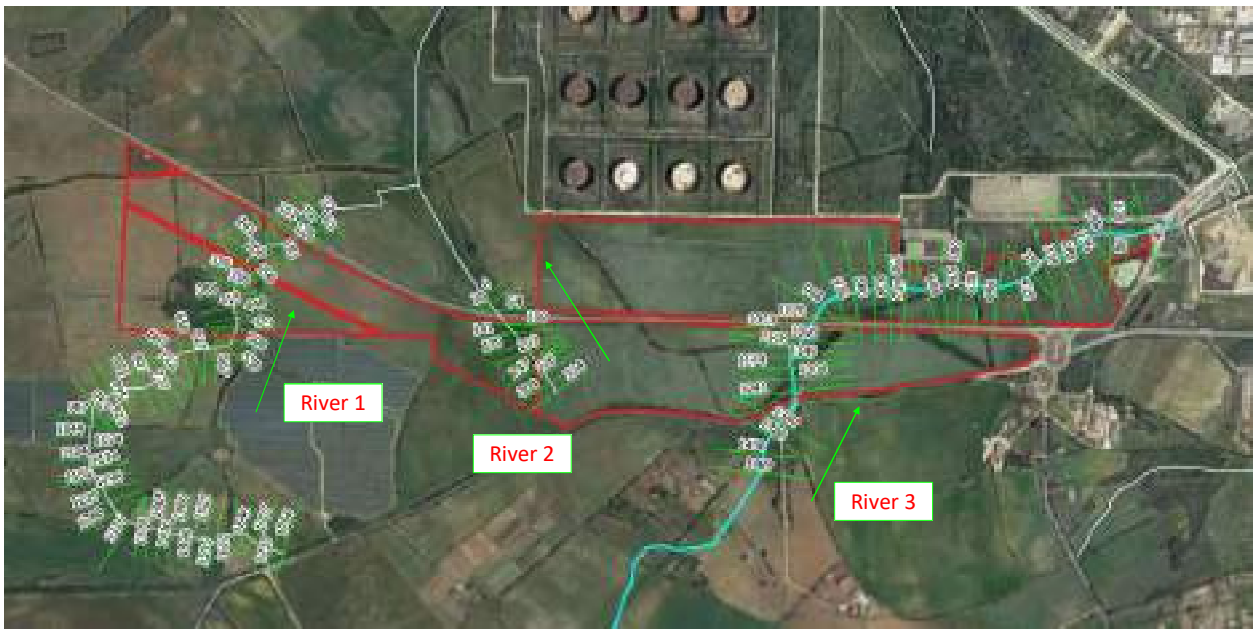
Va comunque evidenziato che mentre i River 1 e 2 fanno parte del reticolo idrografico, il River 3 non fa parte del reticolo ma è stato comunque modellato per i diversi tempi di ritorno.

Va altresi evidenziato che, come analizzato nel Capitolo 1 della presente relazione, è stato assunto come tempo di ritorno di riferimento 100 anni.

Tali mappe sono il risultato della modellazione in condizioni di moto stazionario monodimensionale. Per le modellazioni si è utilizzato il software HEC – RAS River Analysis System, dell'US Army Corps of Engineers, Hydrologic Engineering Center.

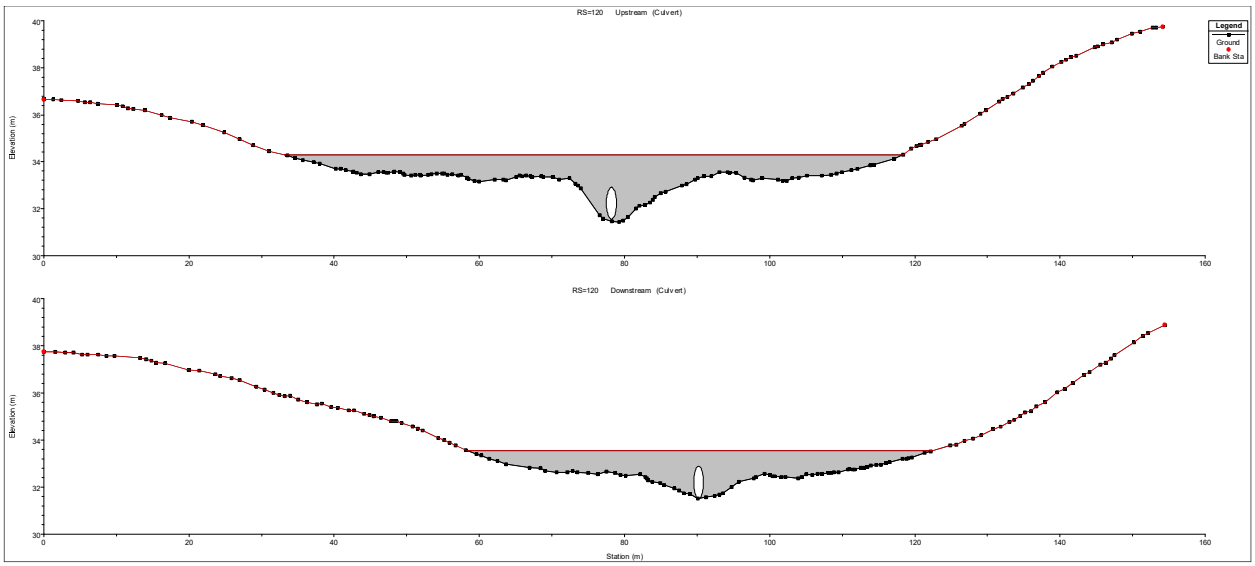
Vengono inoltre riportati gli output della modellazione monodimensionale, ovvero:

- rappresentazioni 3D per ogni tratto investigato con indicazione delle aree interessate dalla portata transitante;
- sezioni trasversali per ogni profilo investigato con indicazione del tirante idrico all'interno delle stesse;
- tabelle di output riepilogative dei risultati per ogni profilo:
- tabelle di dettaglio relative alle singole sezioni trasversali.

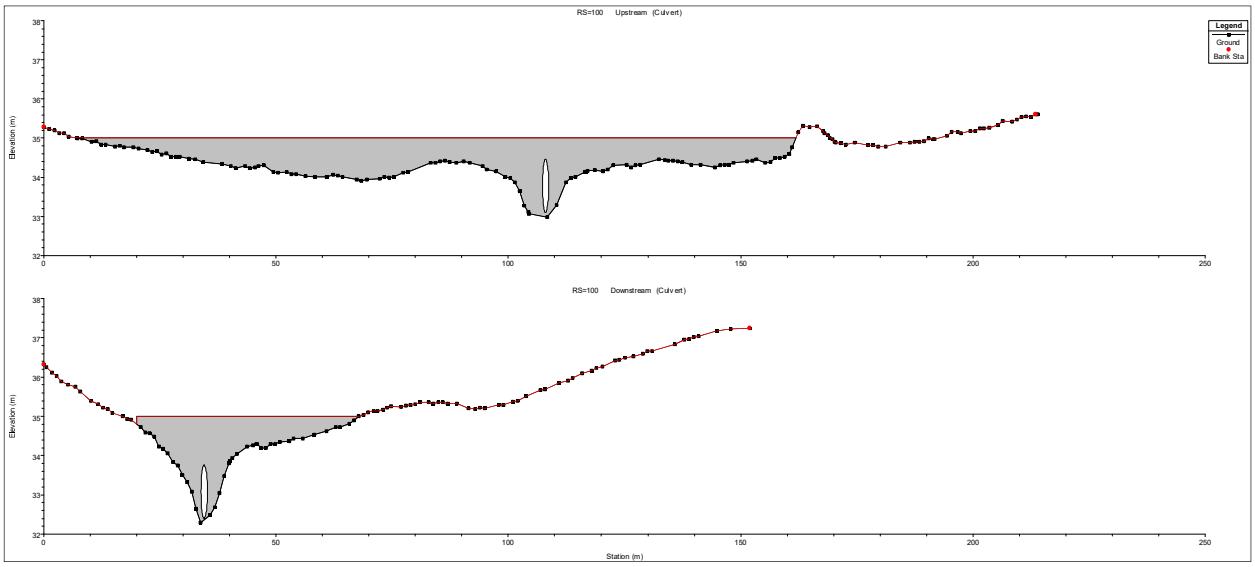


Schematizzazione dei tre tratti di reticolo. Le frecce verdi indicano la direzione del moto per i tre tratti di reticolo.

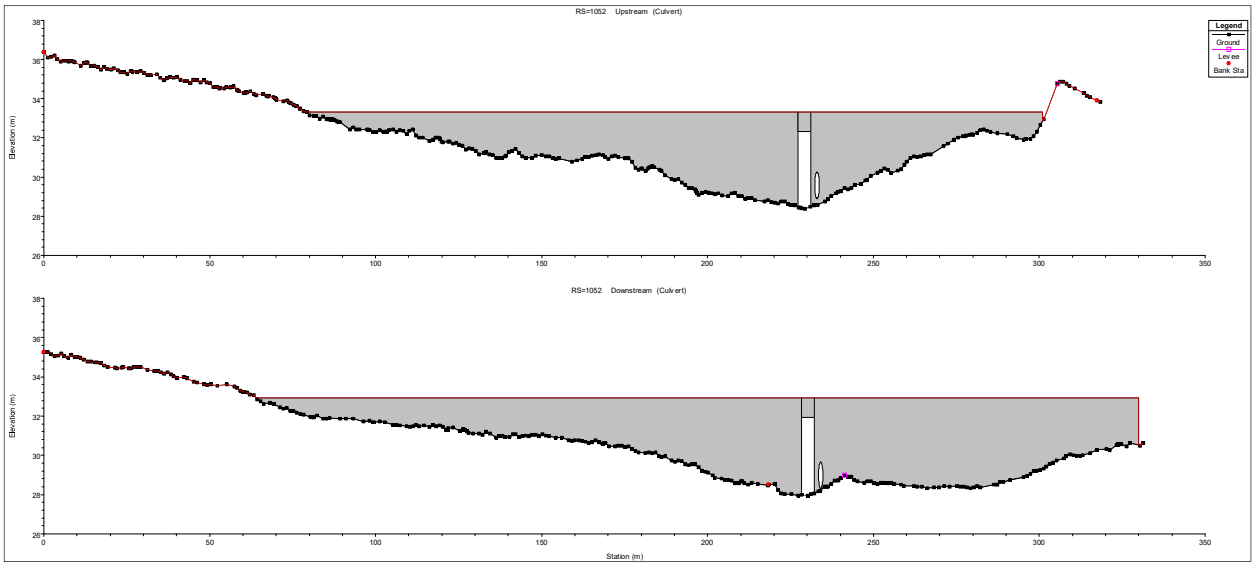
6.1 Rappresentazione degli attraversamenti



Rappresentazione attraversamento lungo il "River 1"

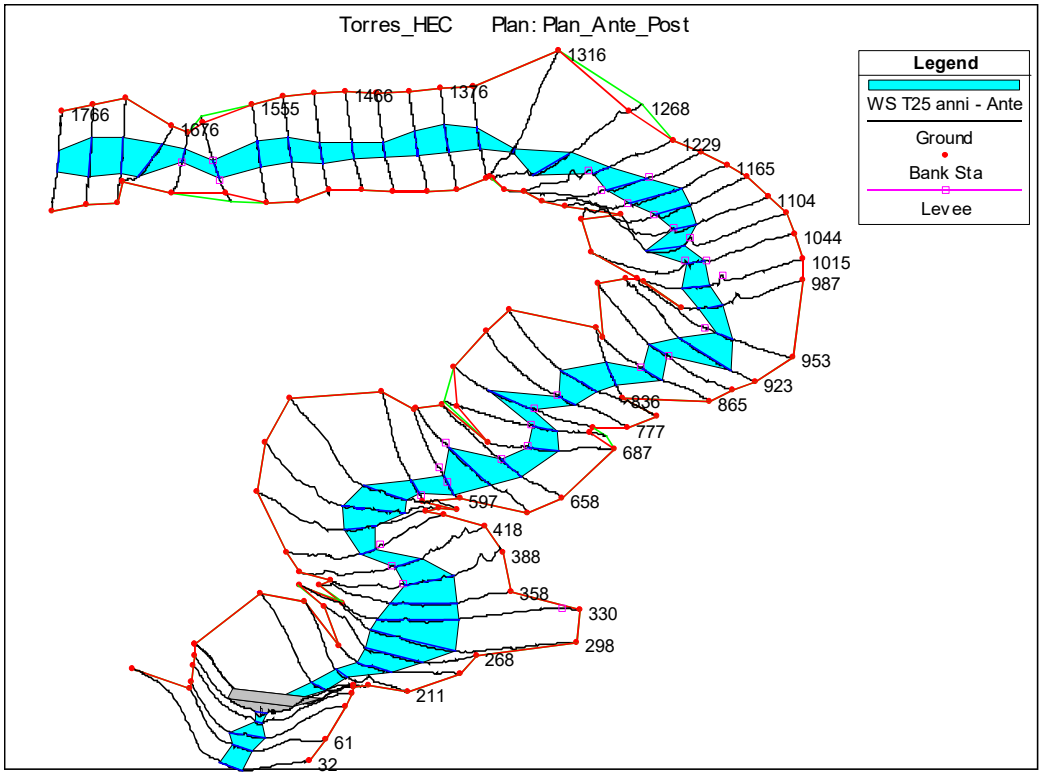


Rappresentazione attraversamento lungo il "River 2"

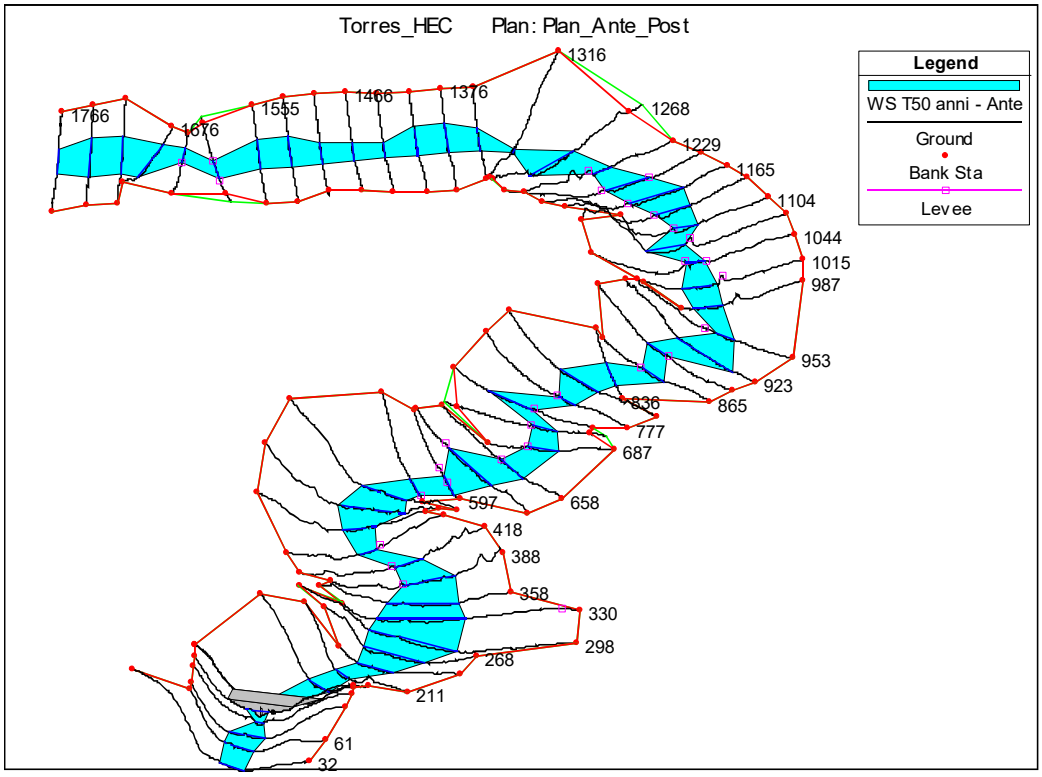


Rappresentazione attraversamento lungo il "River 3"

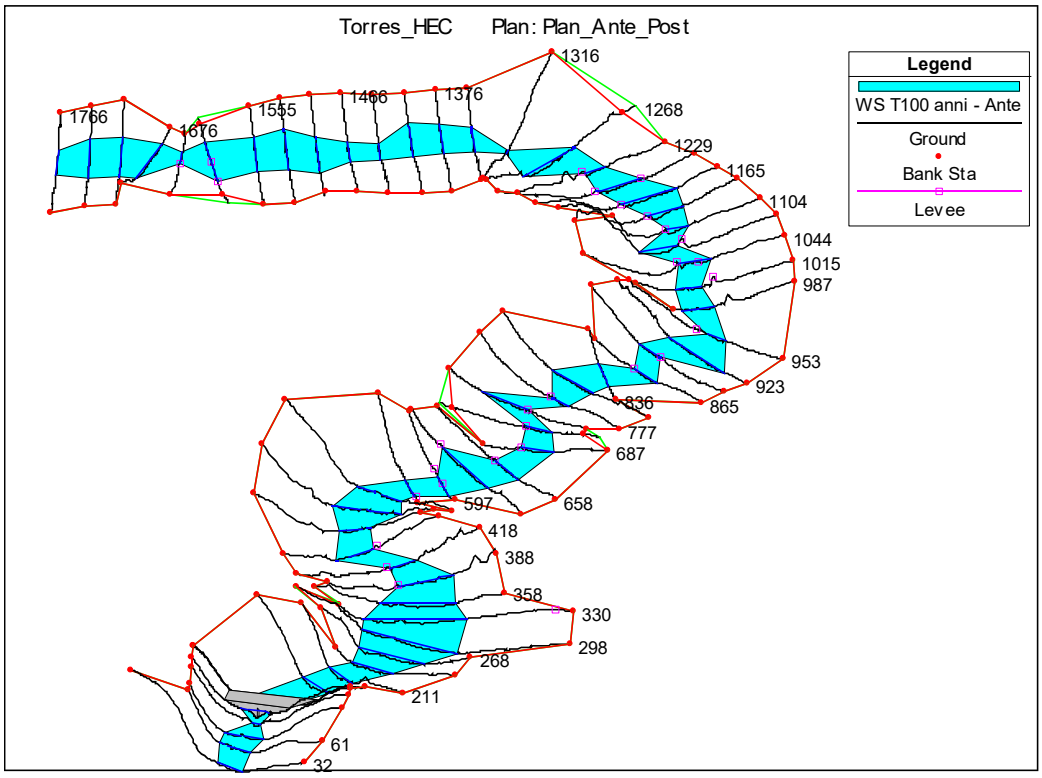
6.2 Rappresentazioni 3D dei corsi d'acqua investigati



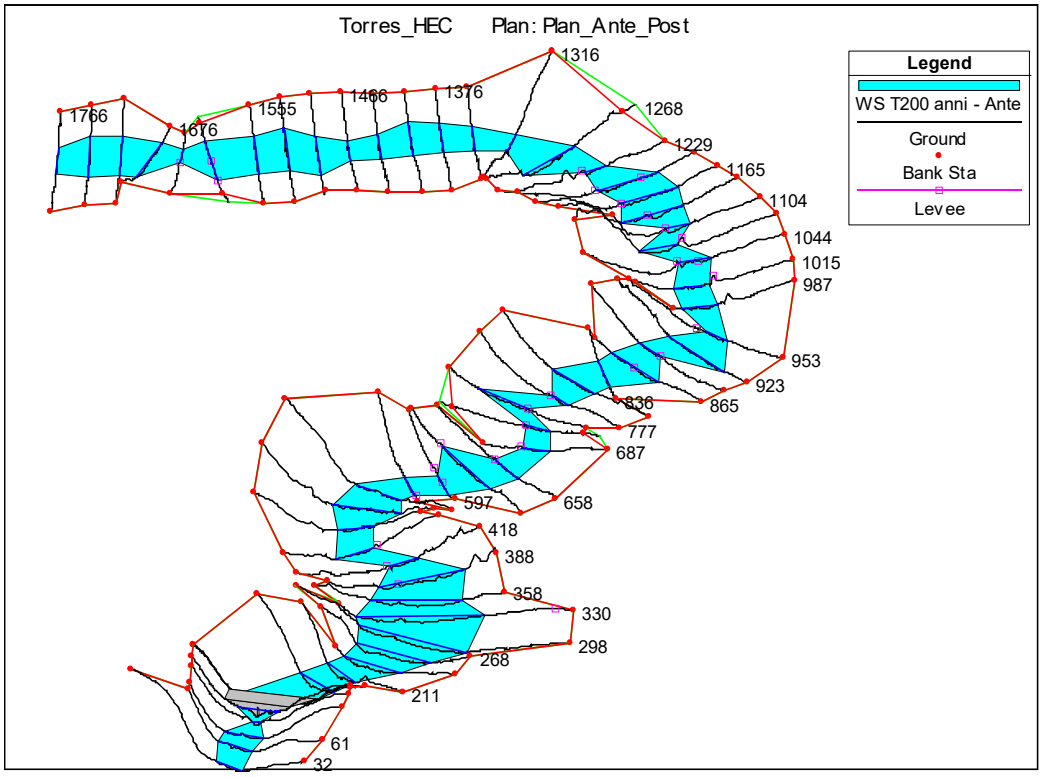
Rappresentazione 3D del River 1 – T = 25 anni Ante Operam



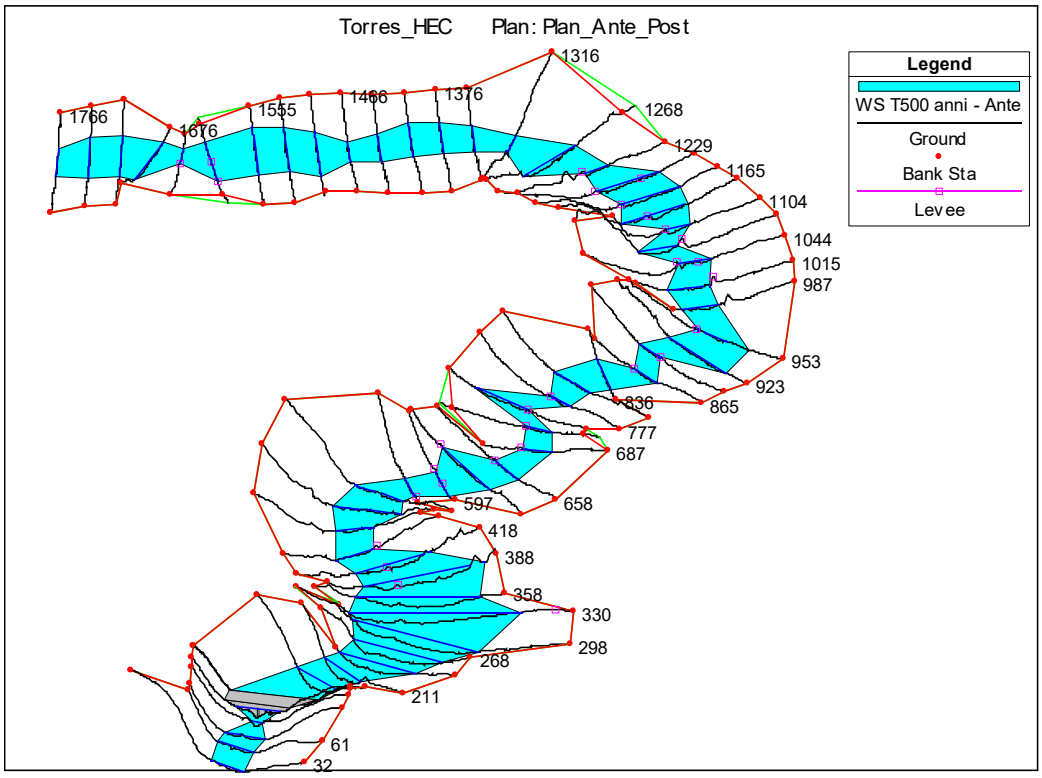
Rappresentazione 3D del River 1 – T = 50 anni Ante Operam



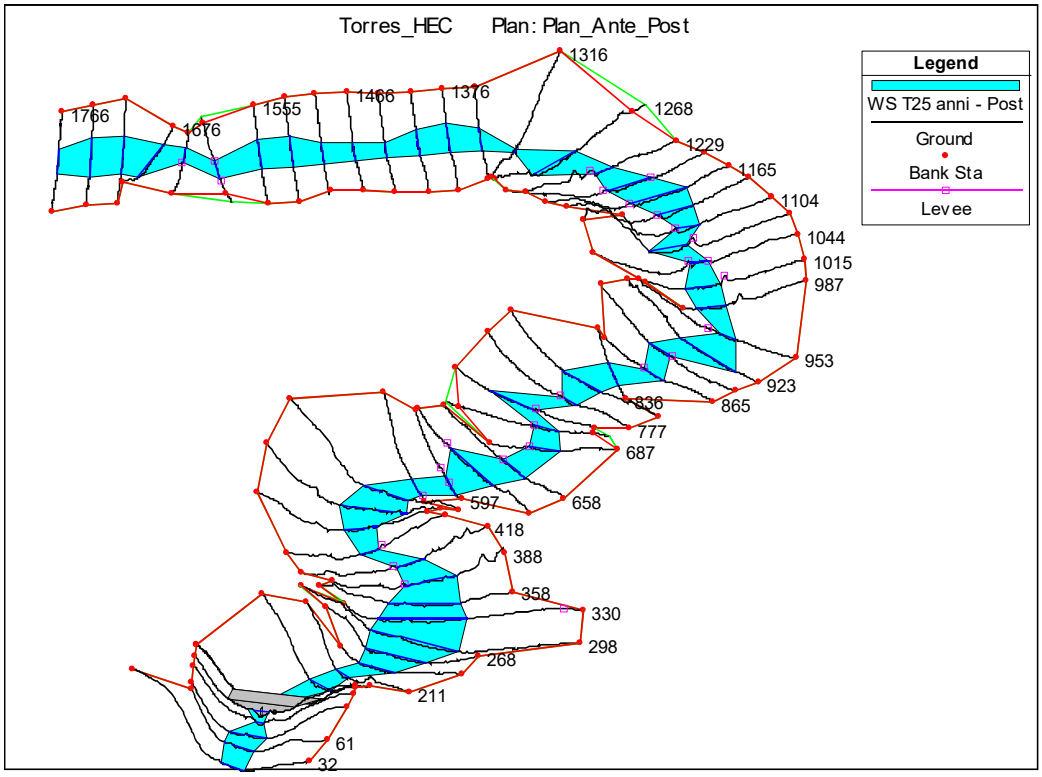
Rappresentazione 3D del River 1 – T = 100 anni Ante Operam



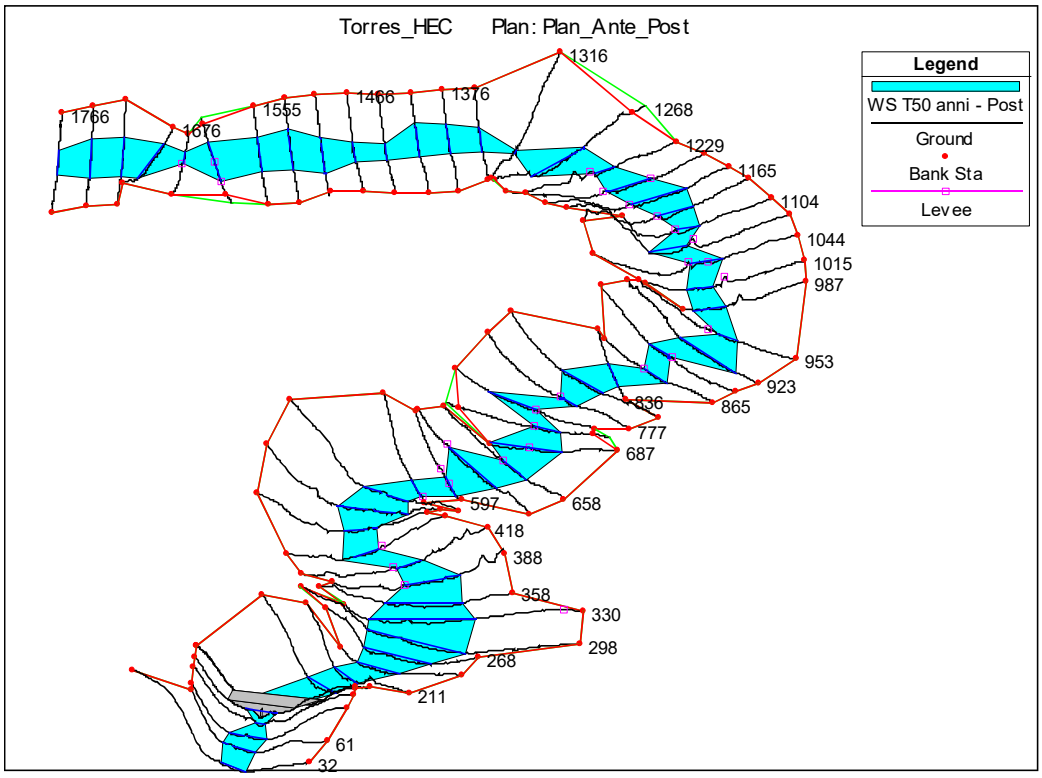
Rappresentazione 3D del River 1 – T = 200 anni Ante Operam



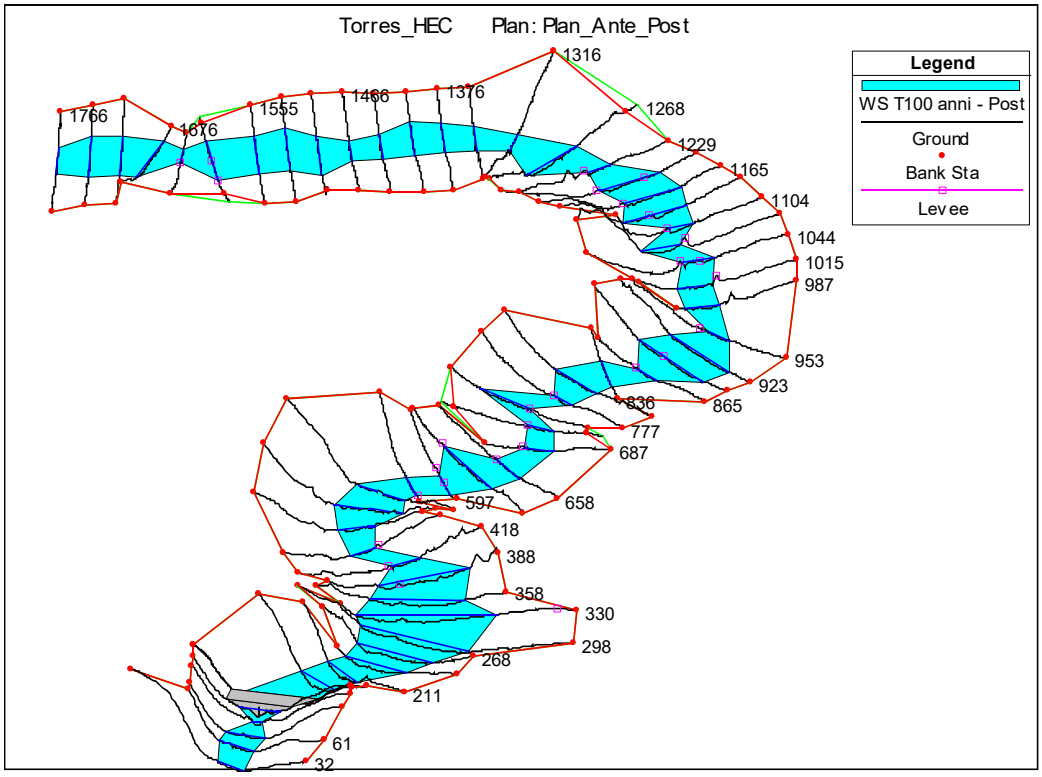
Rappresentazione 3D del River 1 – T = 500 anni Ante Operam



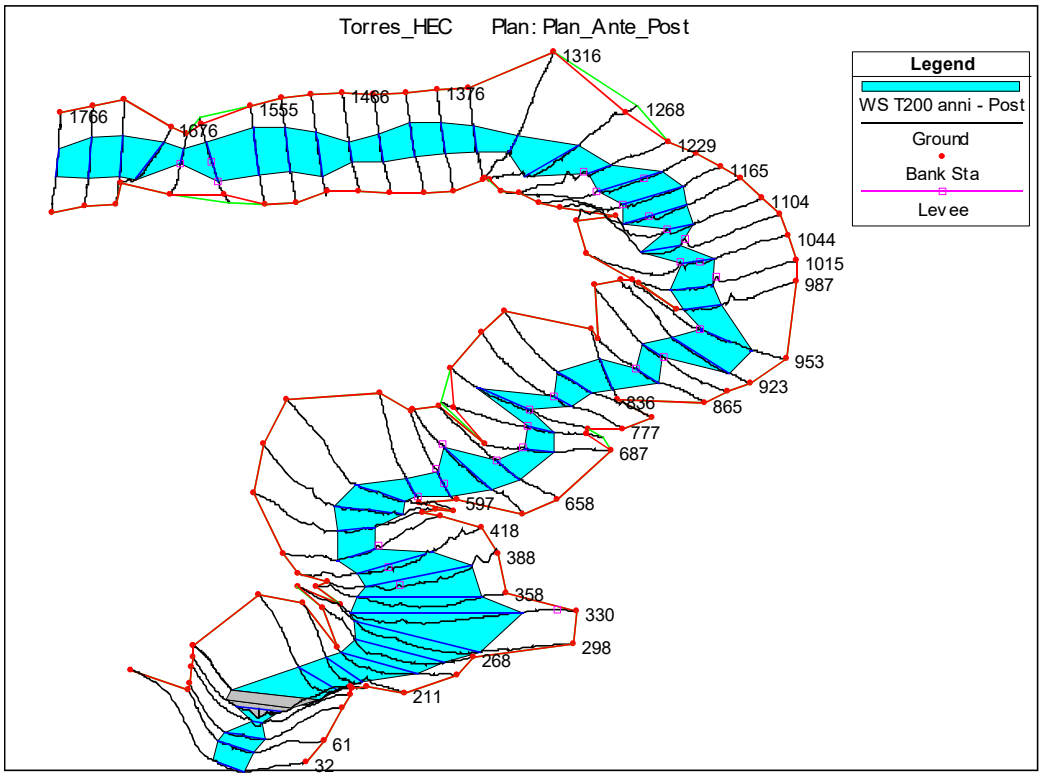
Rappresentazione 3D del River 1 – T = 25 anni Post Operam



Rappresentazione 3D del River 1 – T = 50 anni Post Operam



Rappresentazione 3D del River 1 – T = 100 anni Post Operam



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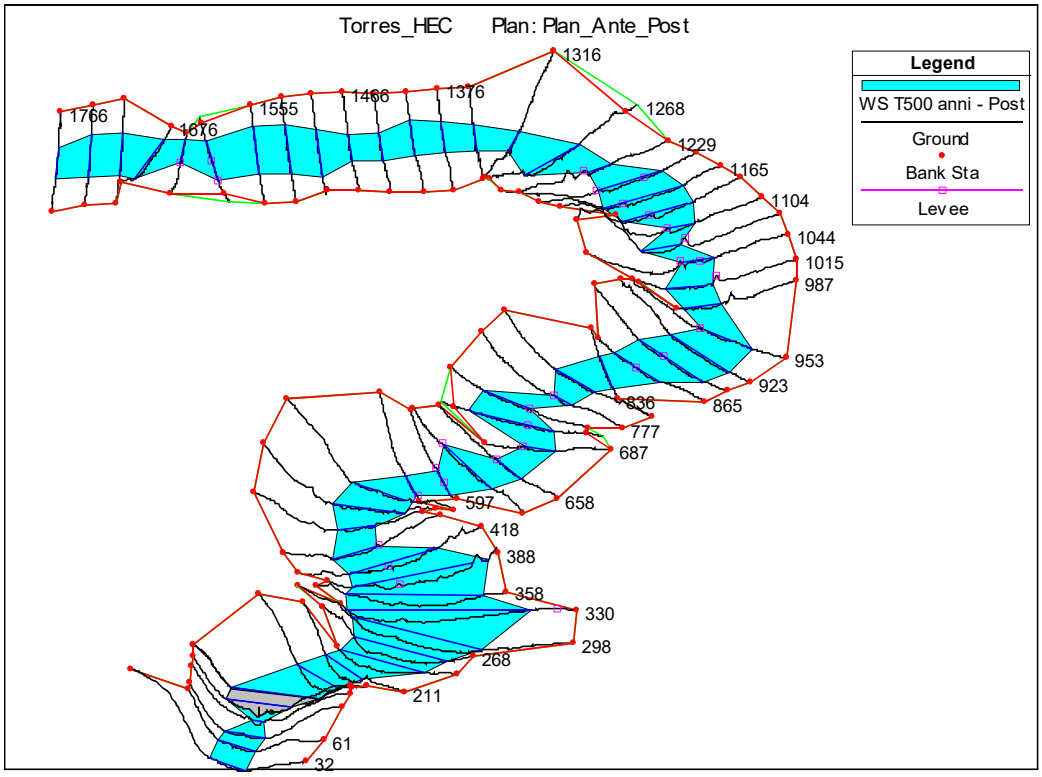
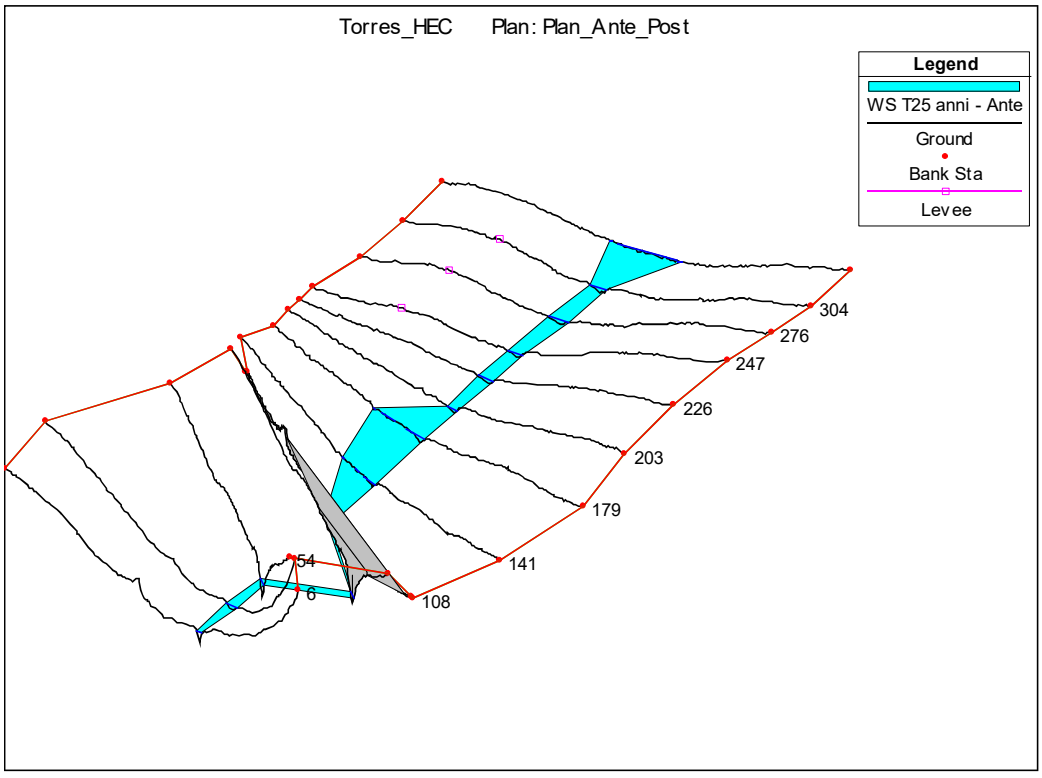
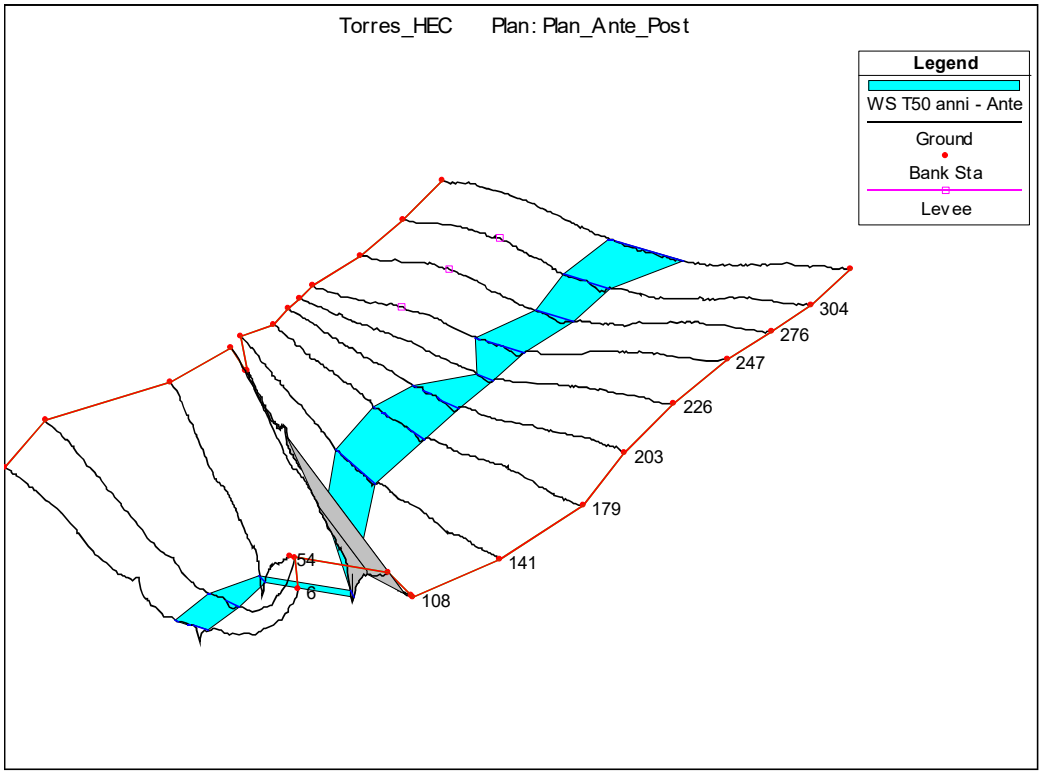


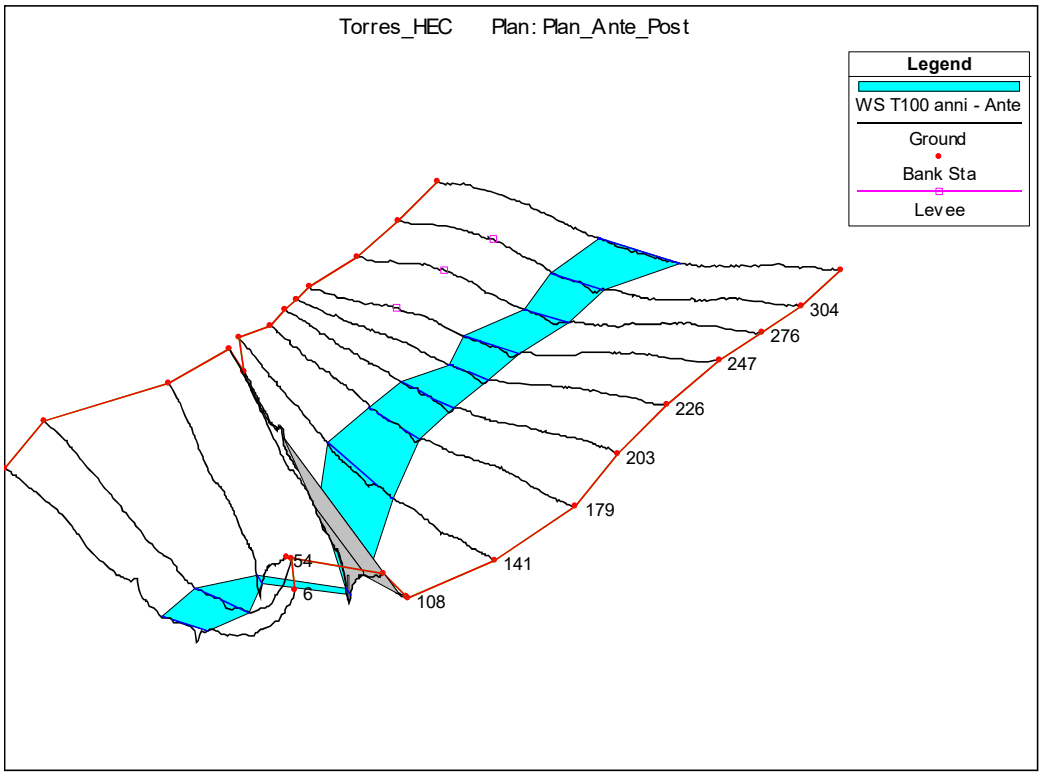
Rappresentazione 3D del River 1 – T = 500 anni Post Operam



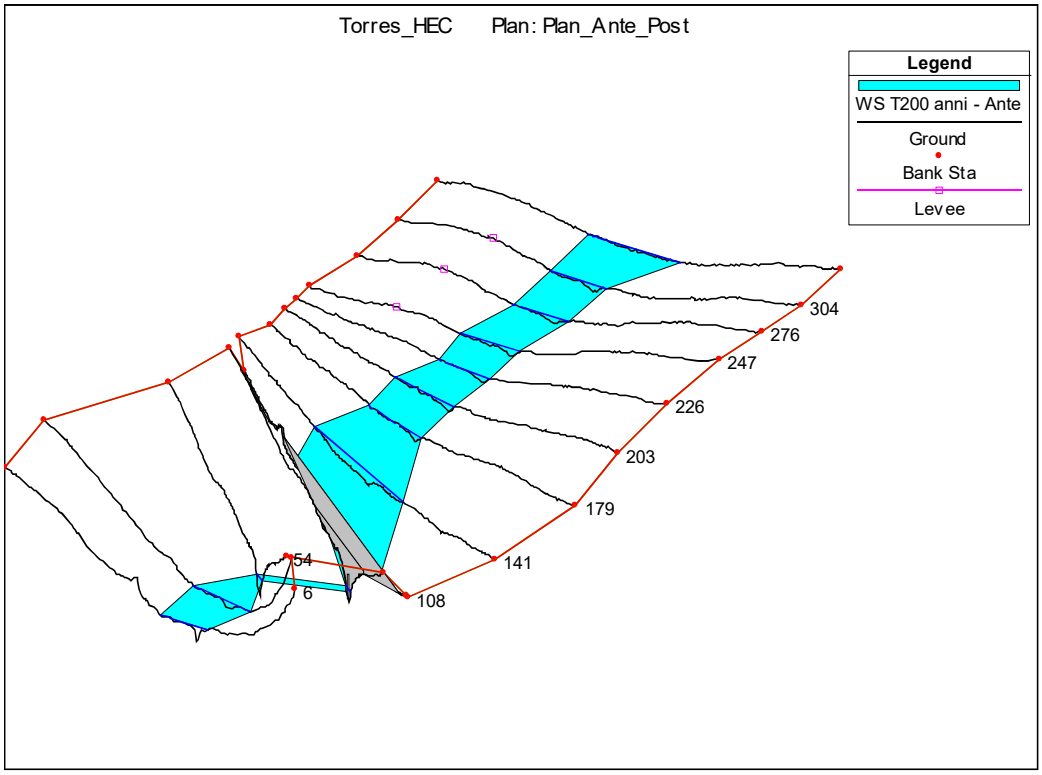
Rappresentazione 3D del River 2 – T = 25 anni Ante Operam



Rappresentazione 3D del River 2 – T = 50 anni Ante Operam



Rappresentazione 3D del River 2 – T = 100 anni Ante Operam



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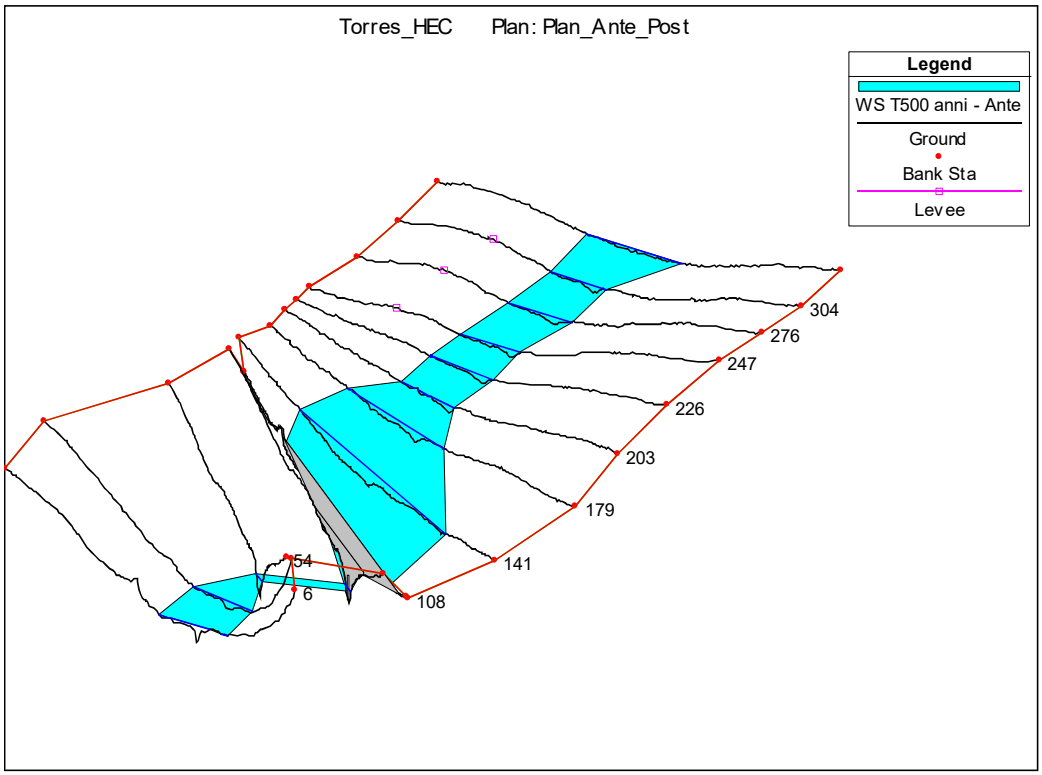
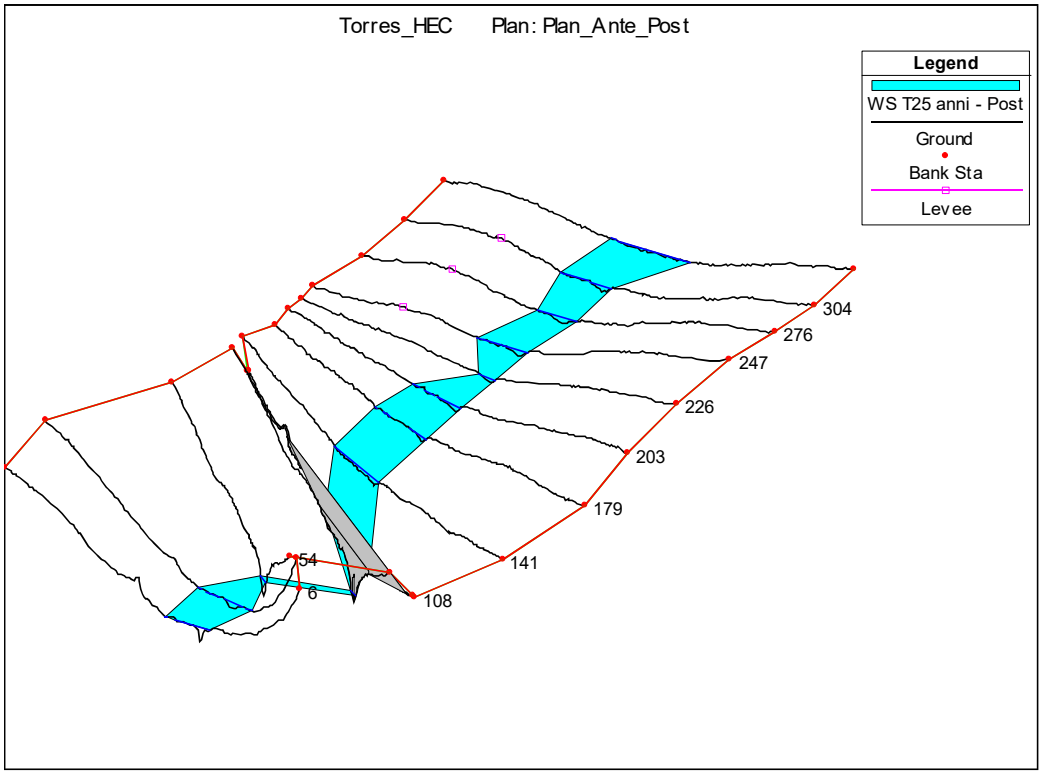
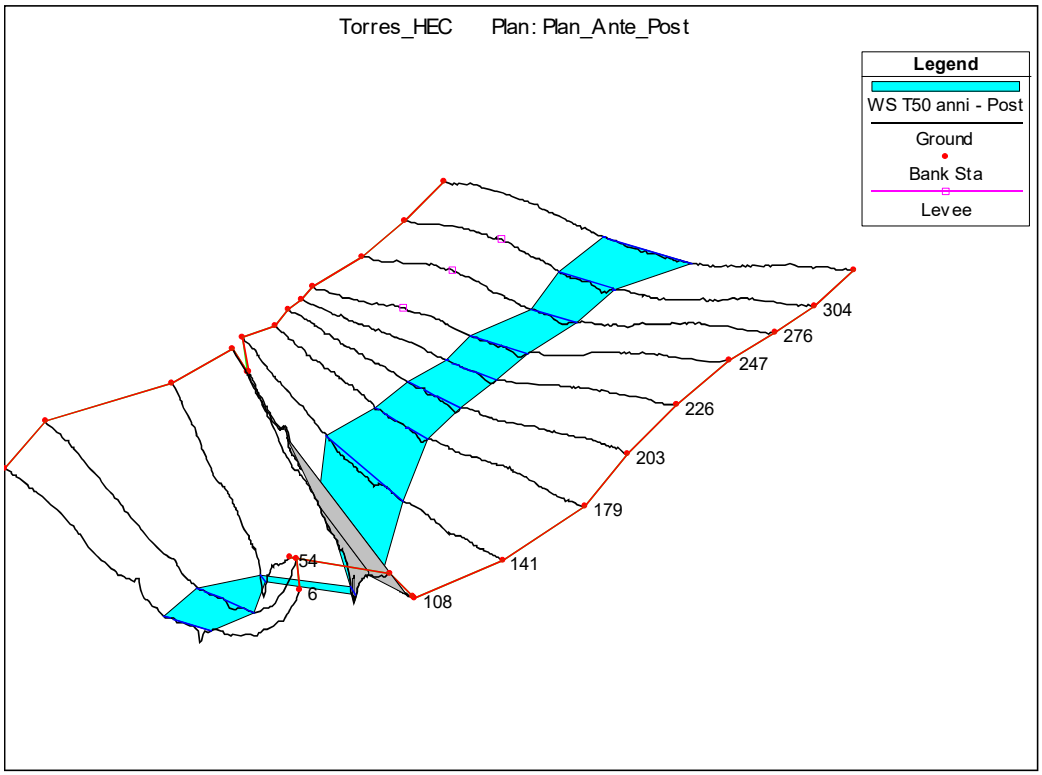


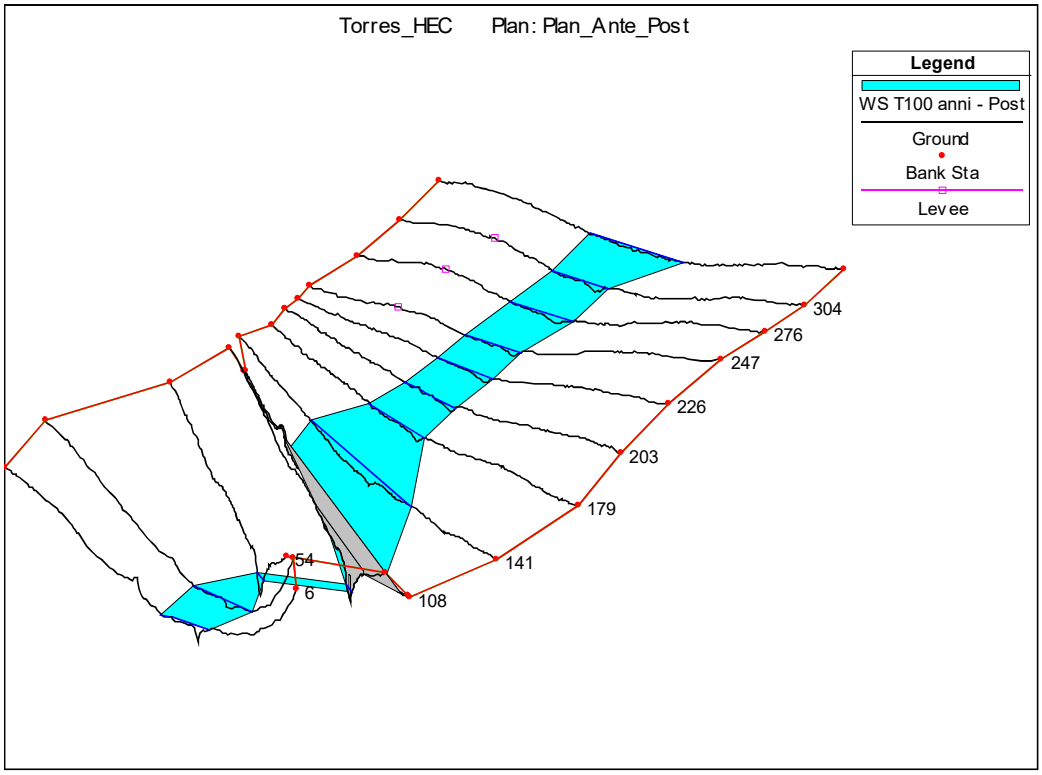
Rappresentazione 3D del River 2 – T = 500 anni Ante Operam



Rappresentazione 3D del River 2 – T = 25 anni Post Operam



Rappresentazione 3D del River 2 – T = 50 anni Post Operam



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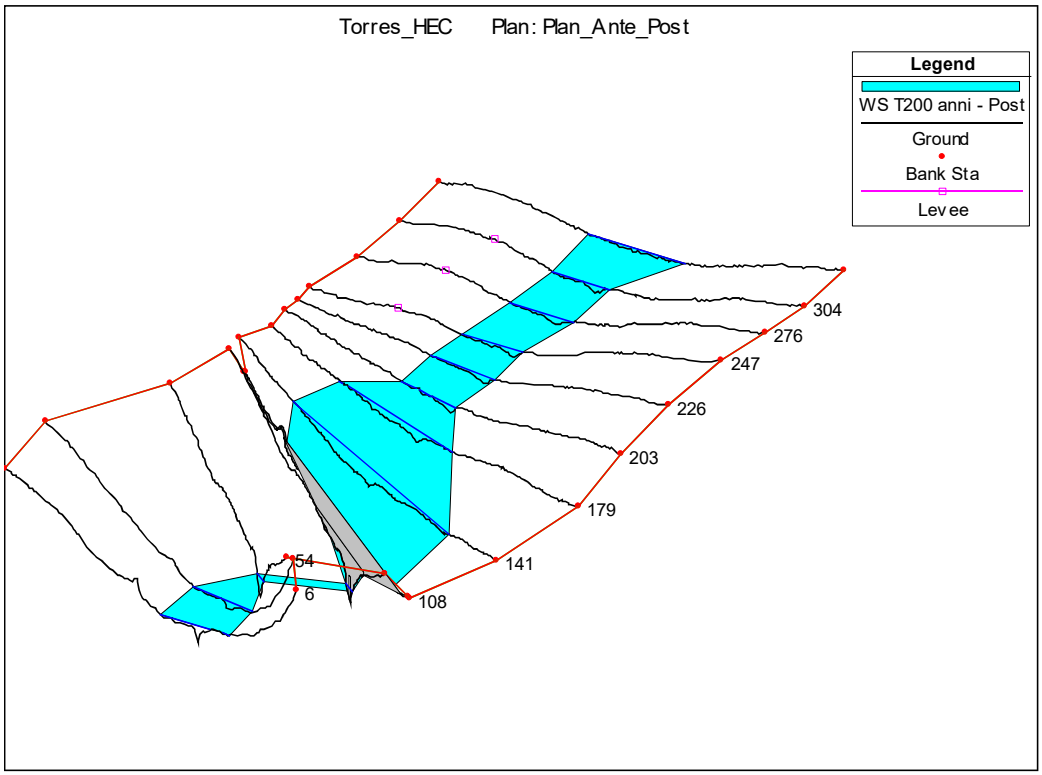

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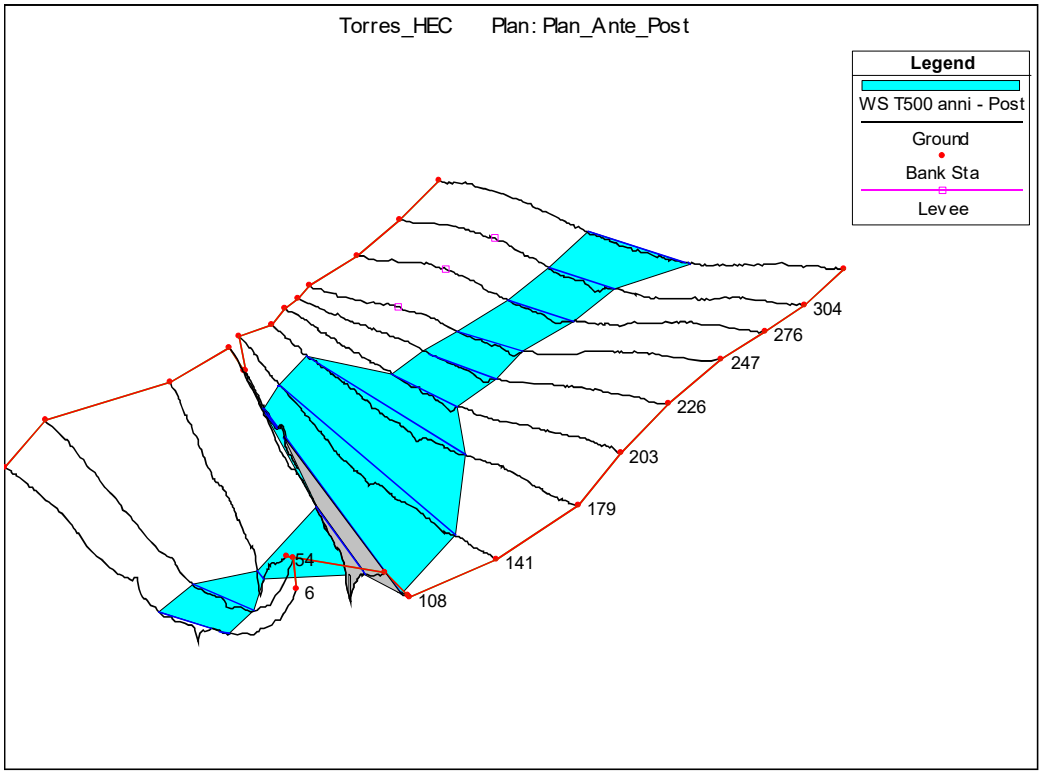

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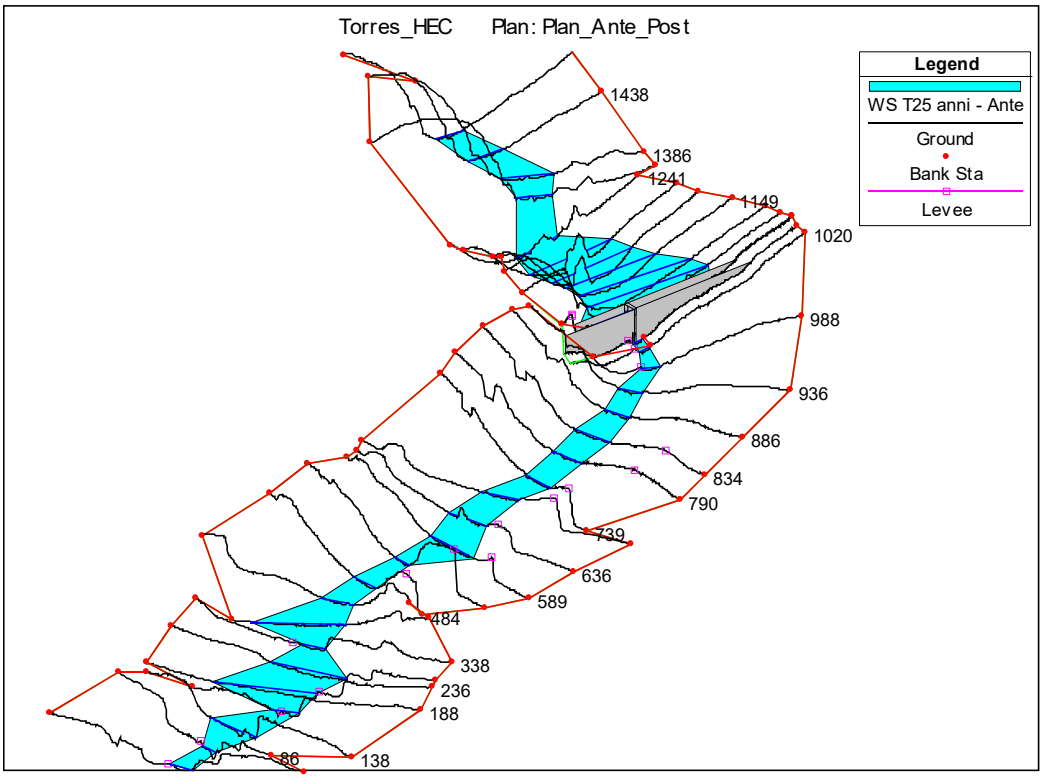
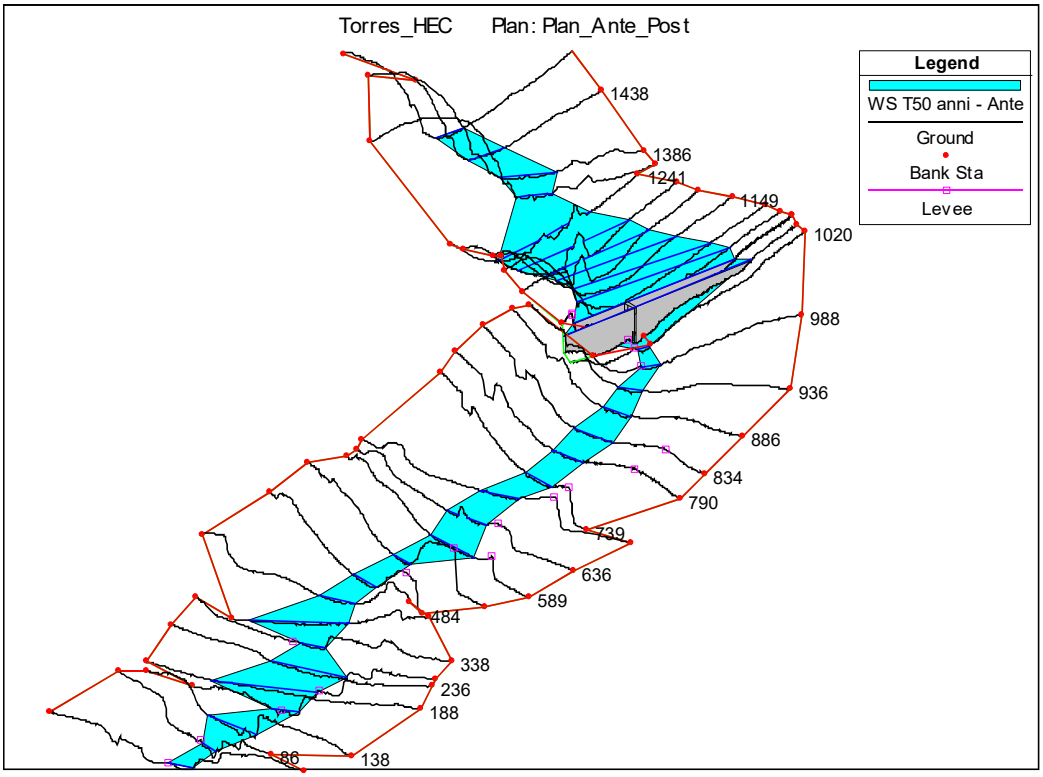
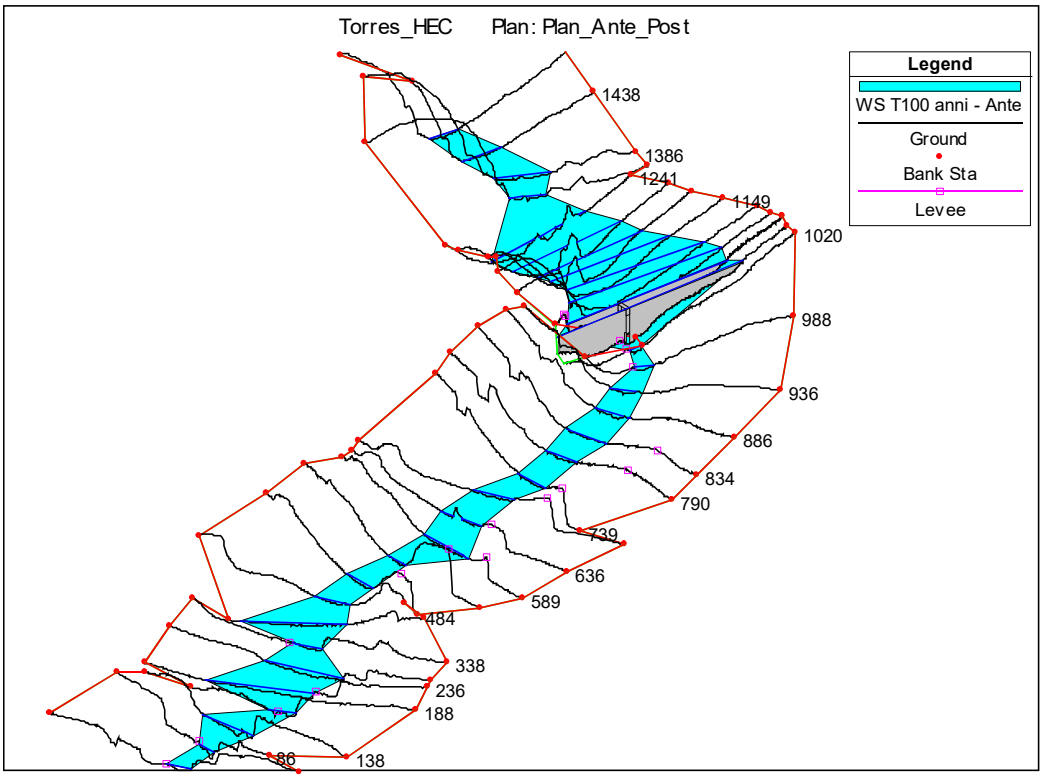


Rappresentazione 3D del River 3 – T = 25 anni Ante Operam



Rappresentazione 3D del River 3 – T = 50 anni Ante Operam



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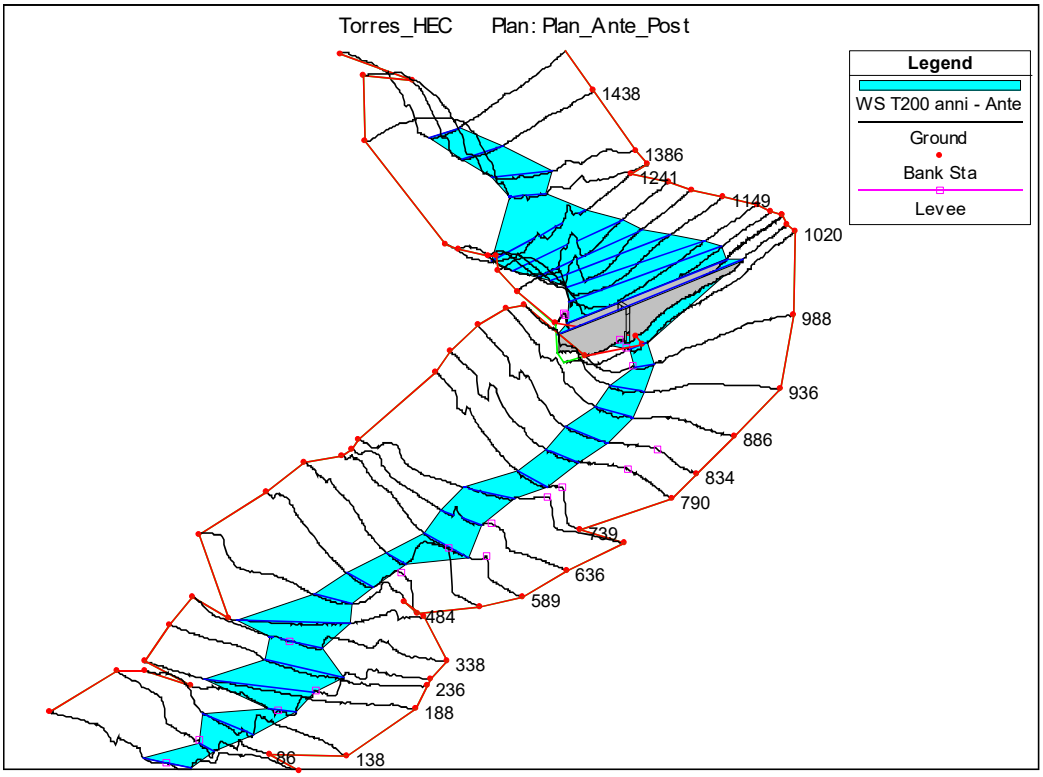

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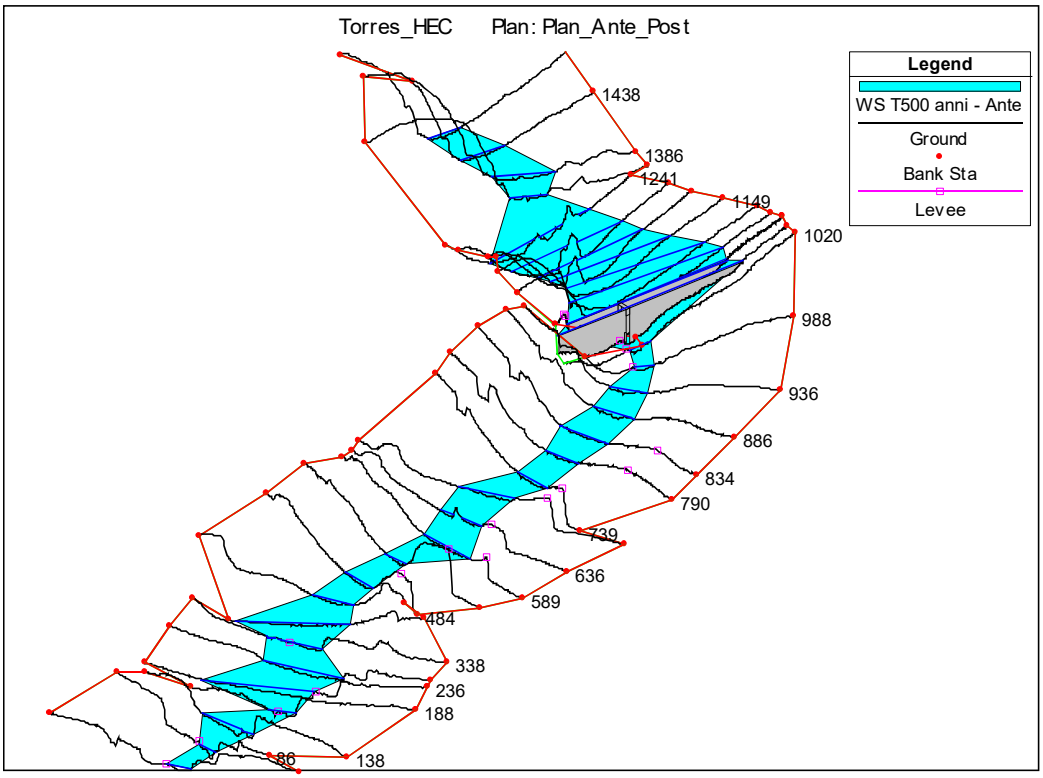
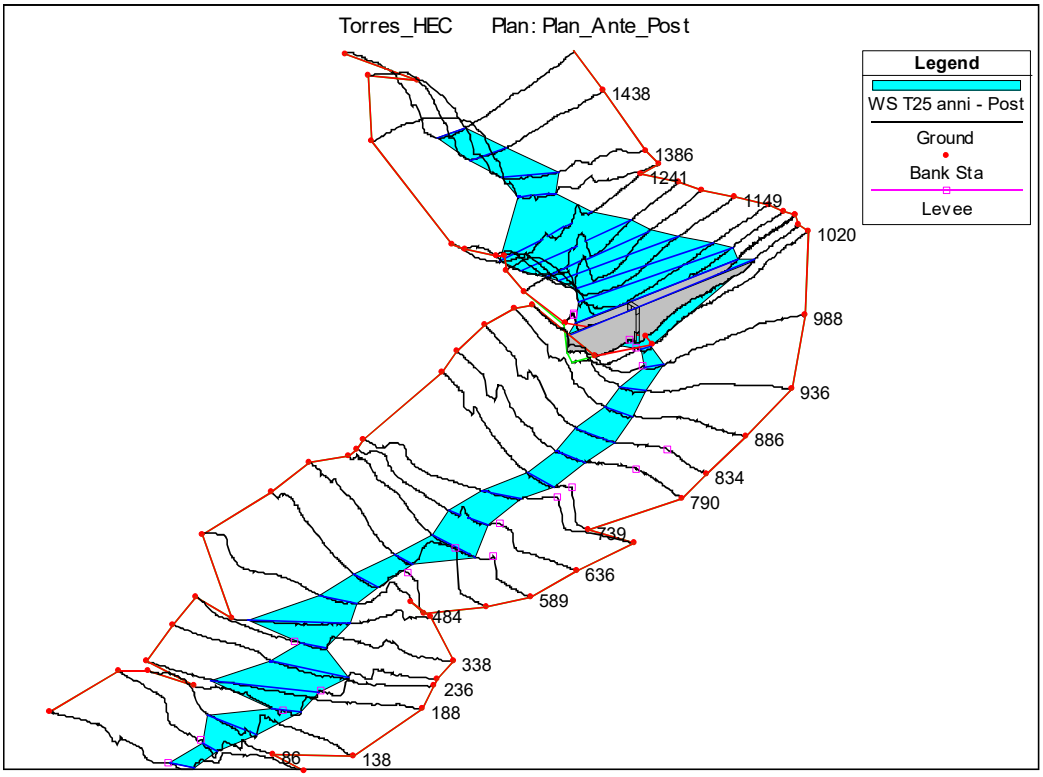
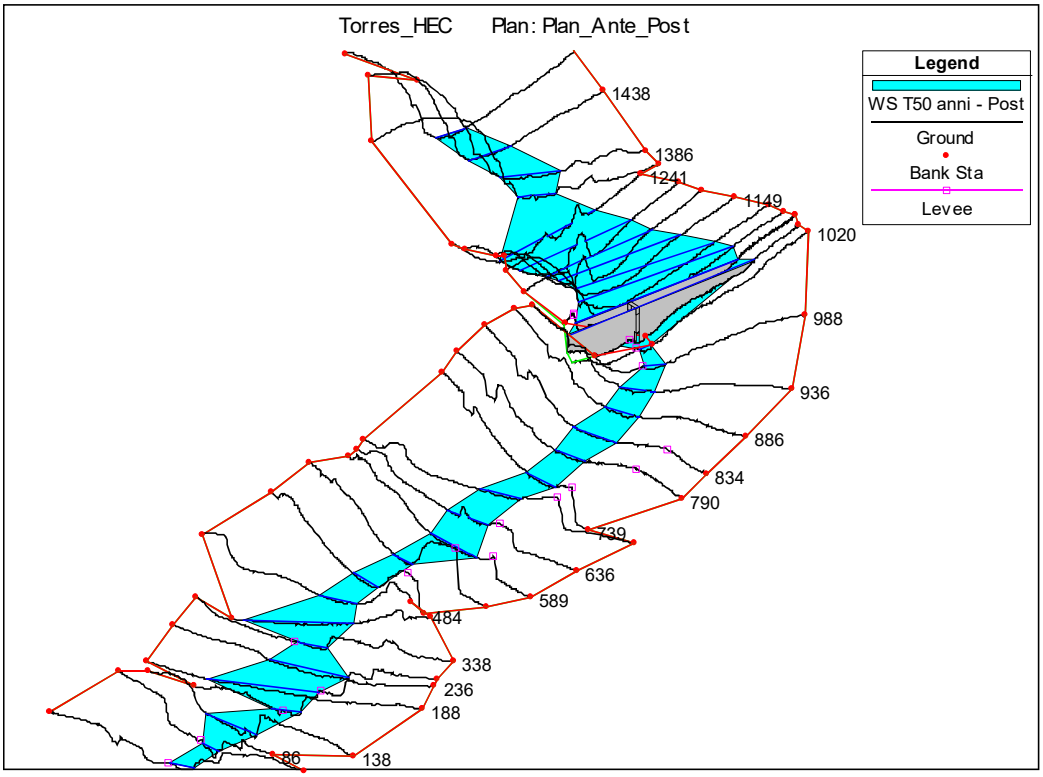


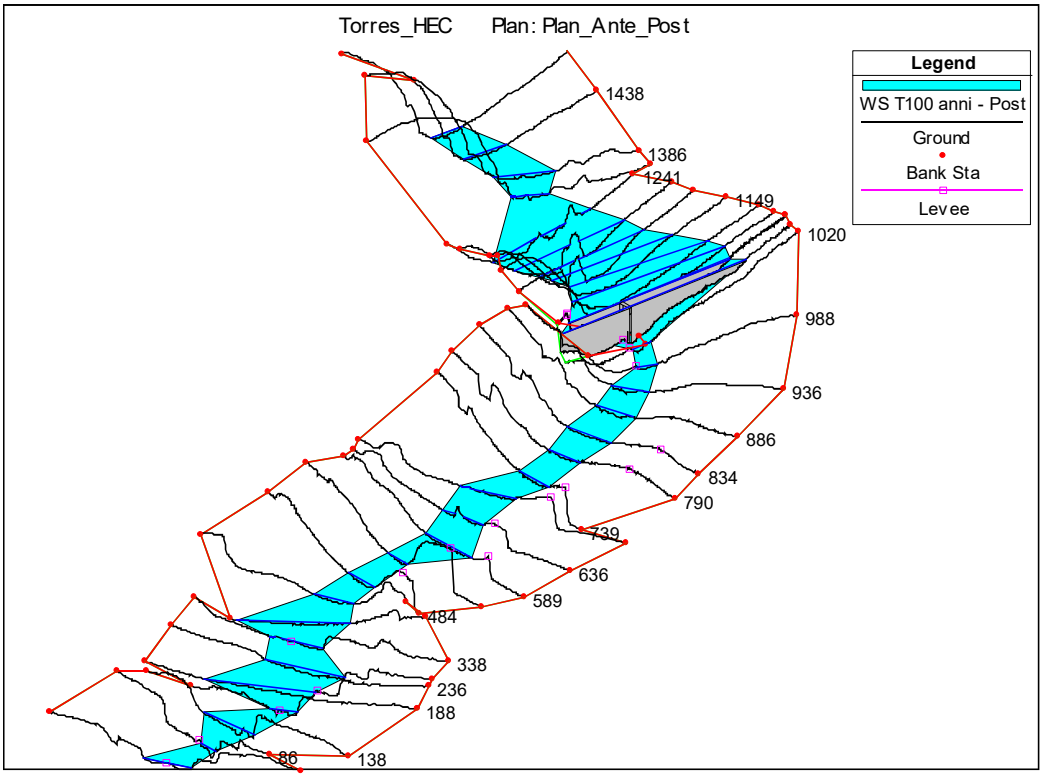
Rappresentazione 3D del River 3 – T = 500 anni Ante Operam



Rappresentazione 3D del River 3 – T = 25 anni Post Operam



Rappresentazione 3D del River 3 – T = 50 anni Post Operam



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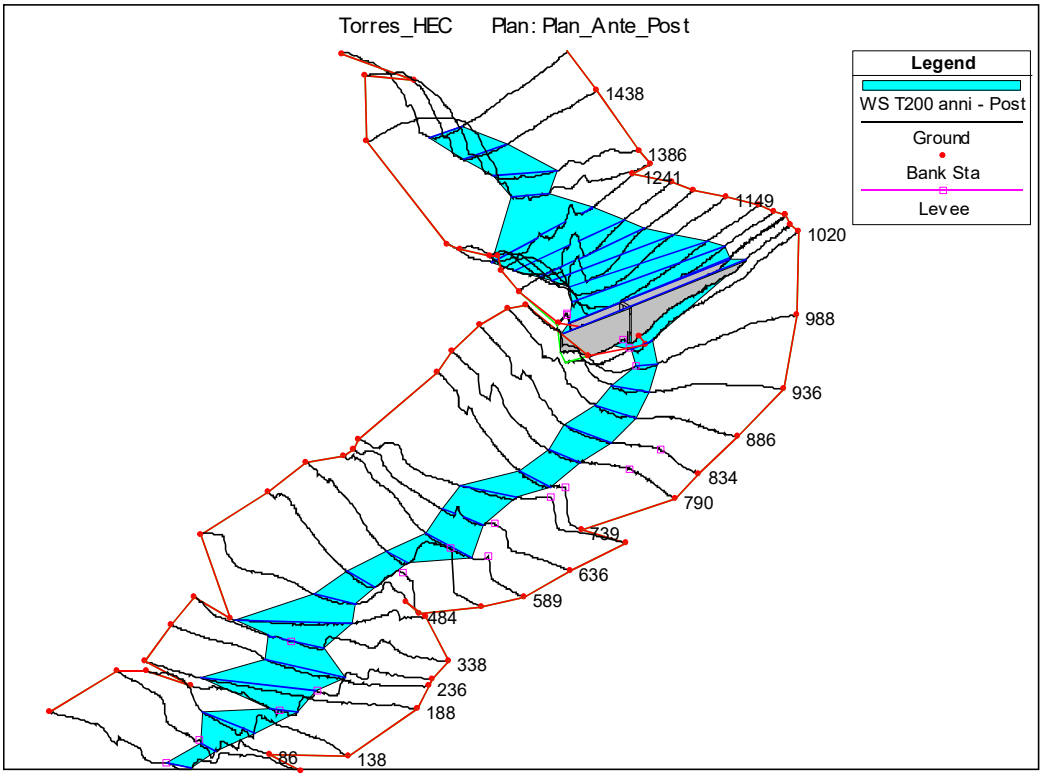

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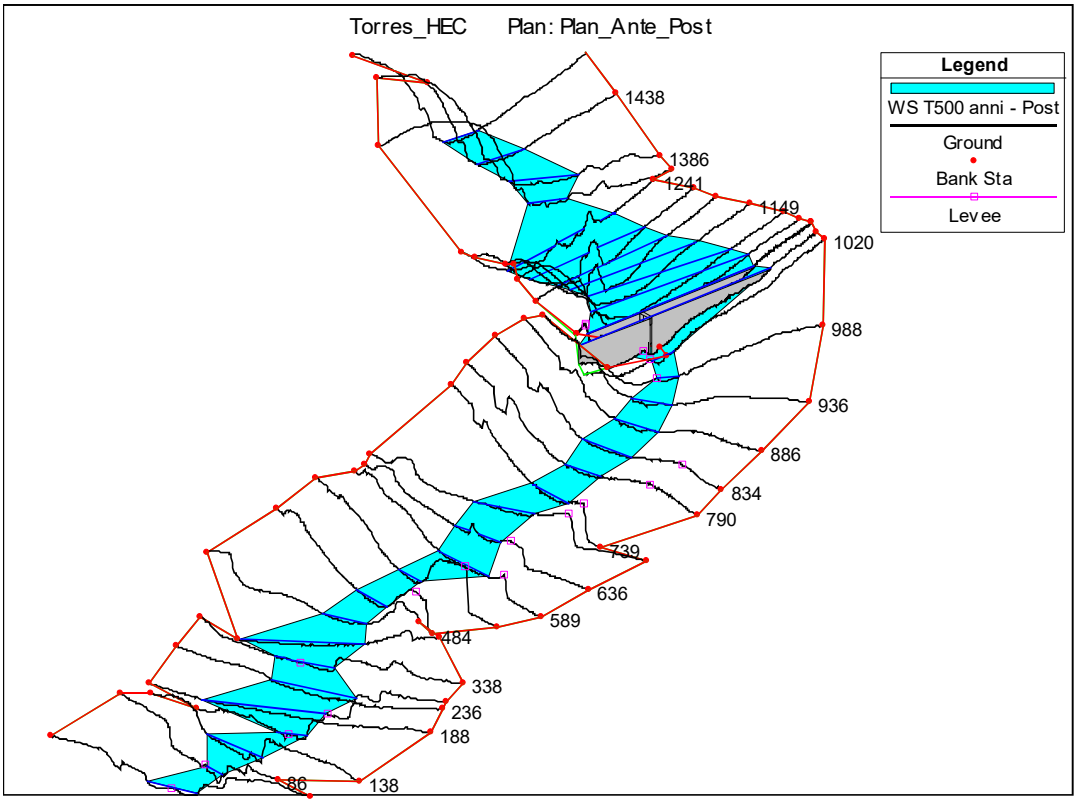
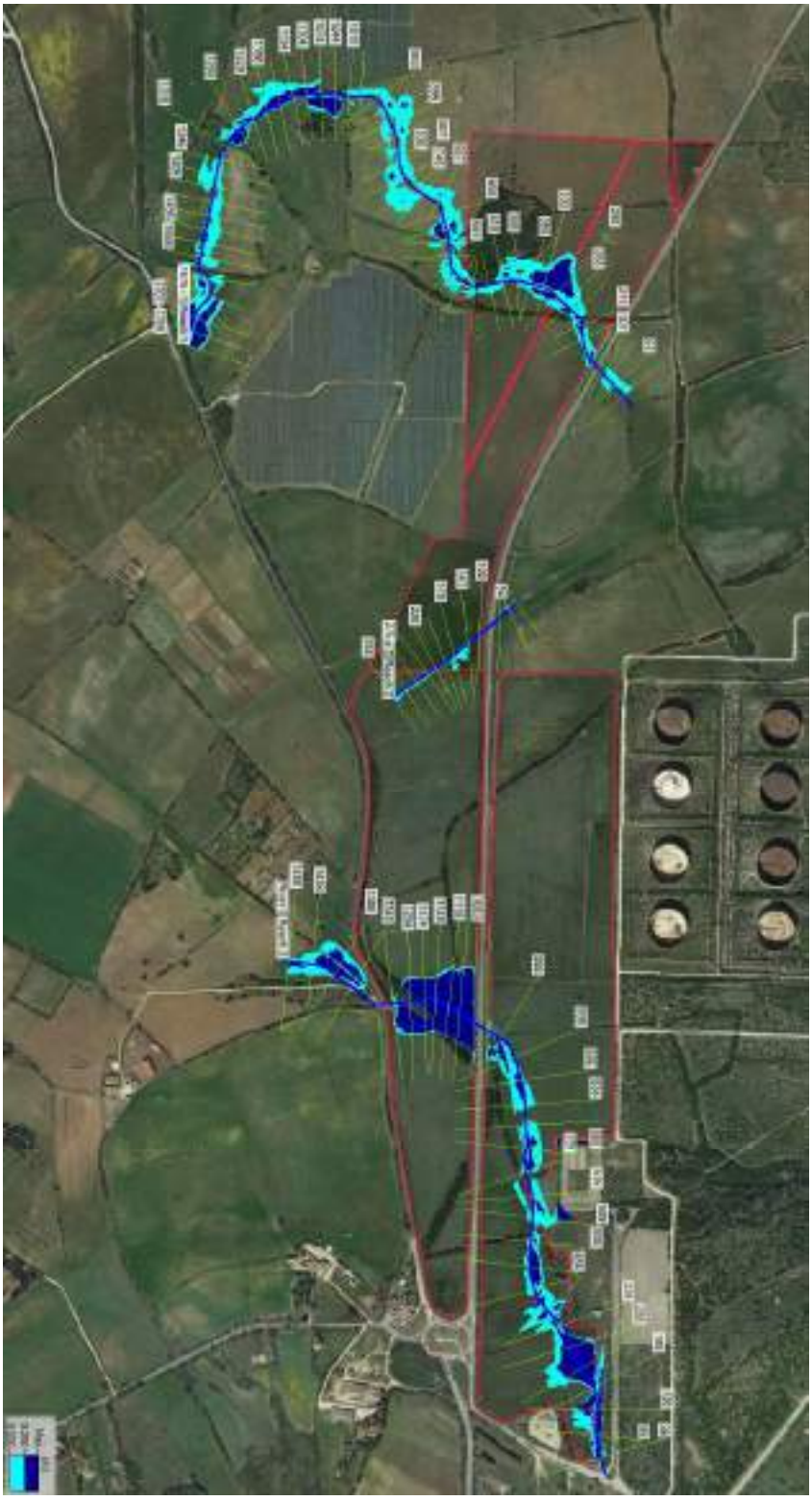
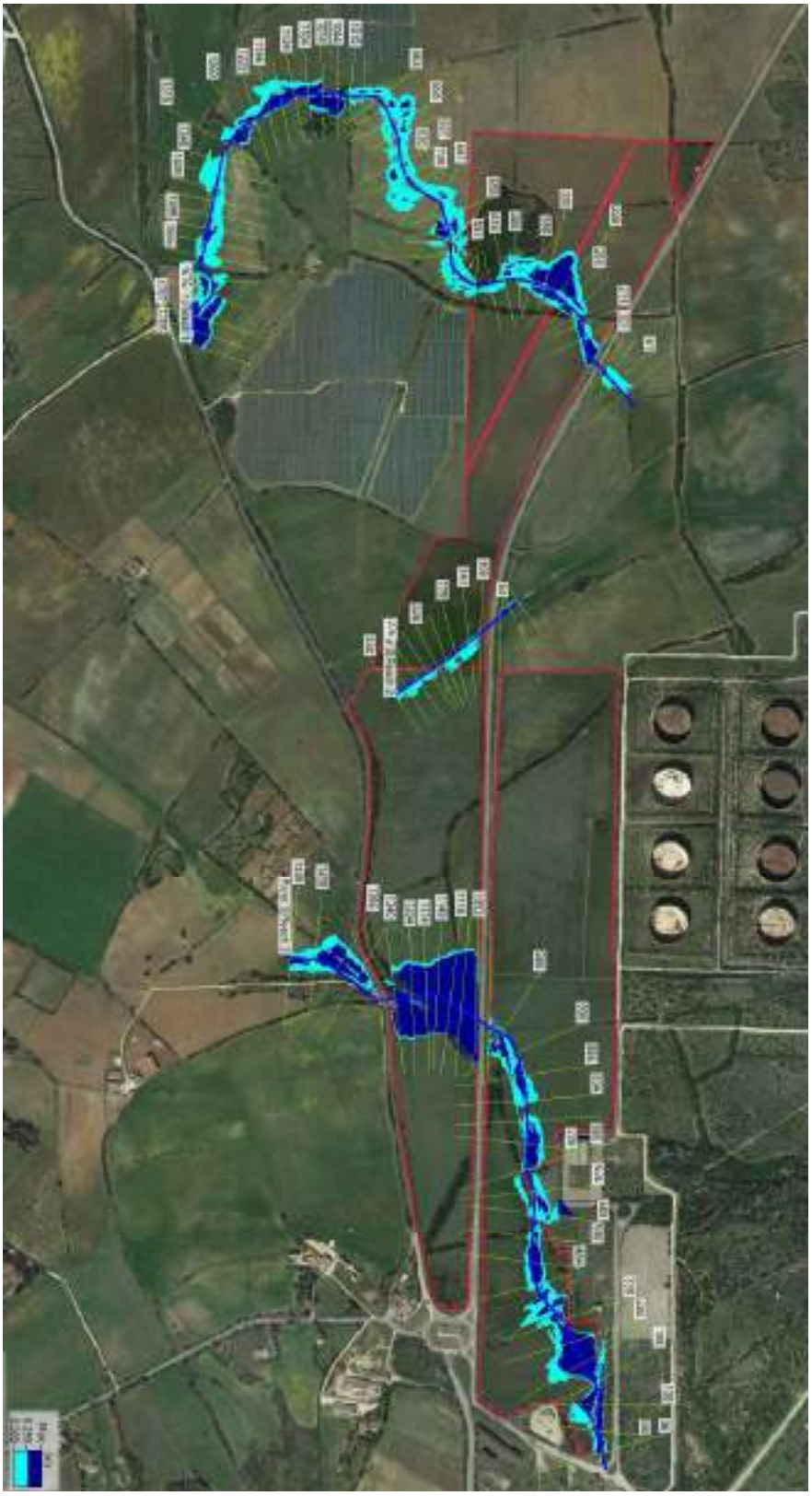


Rappresentazione 3D del River 3 – T = 500 anni Post Operam

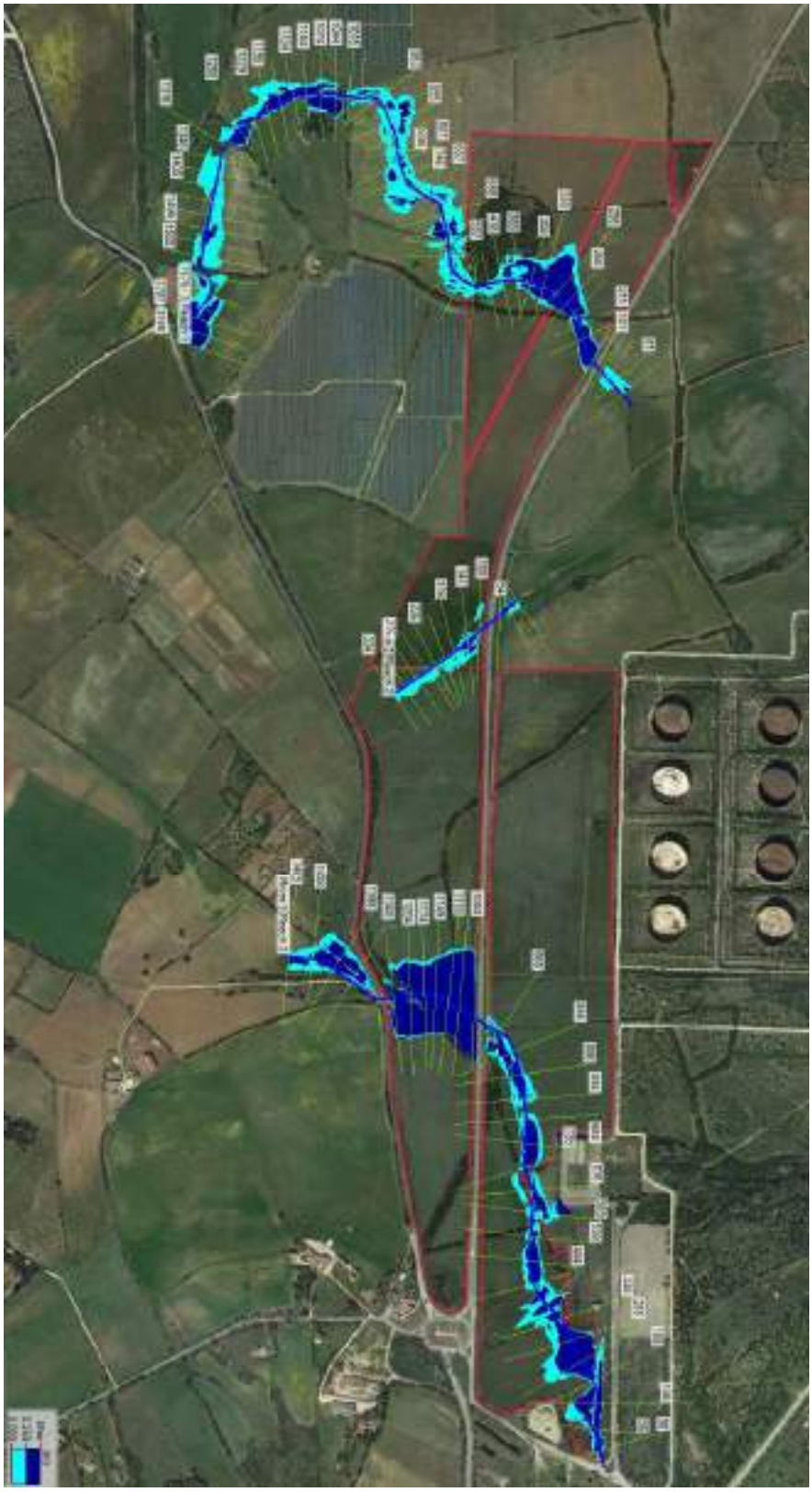
6.3 Planimetrie con indicazioni dei tiranti e delle velocità di ruscellamento



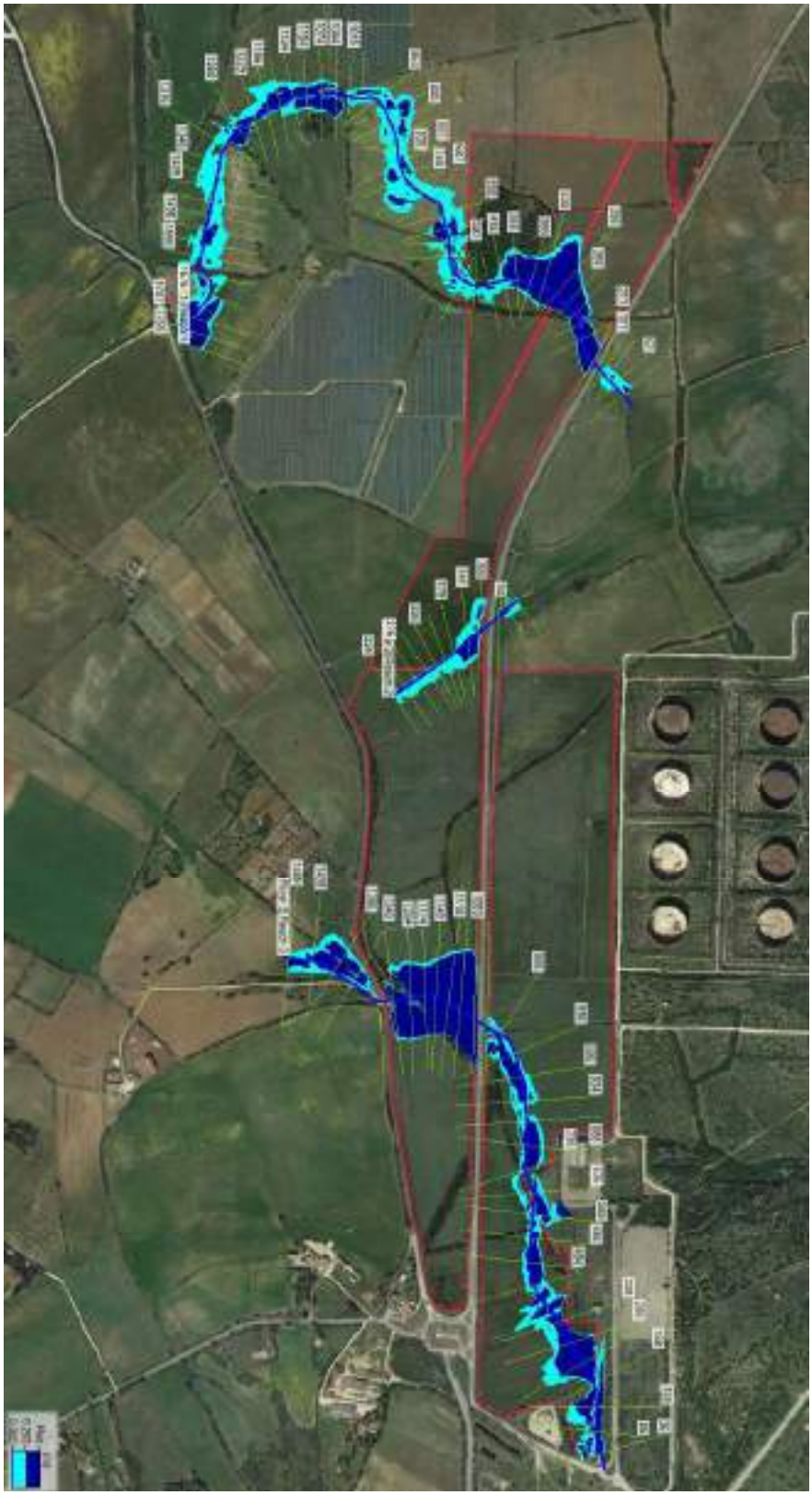
Planimetria tiranti – T = 25 anni – Ante Operam – azzurro h < 0.25 m – blu > 0.25 m



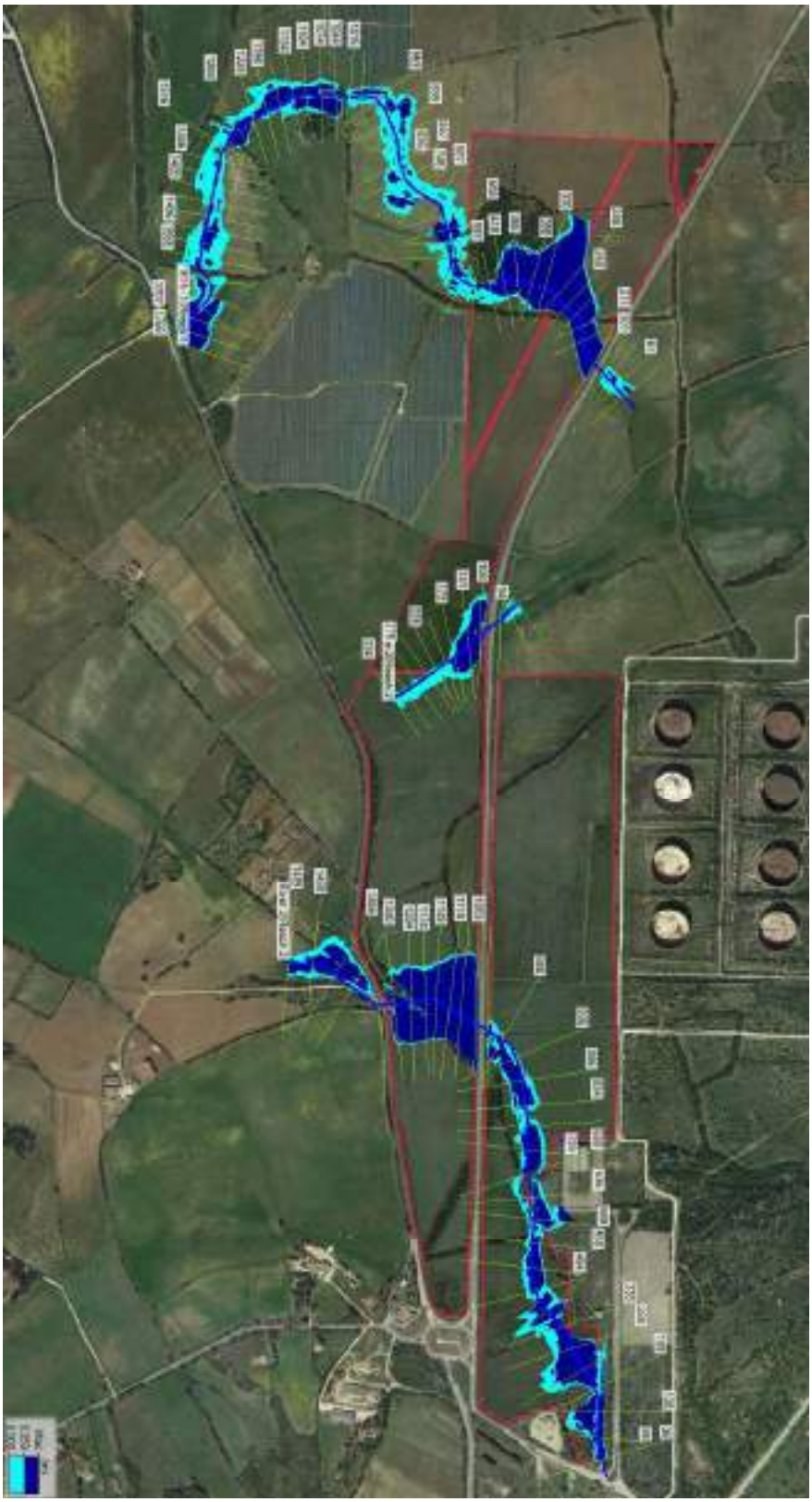
Planimetria tiranti – T = 50 anni – Ante Operam – azzurro h < 0.25 m – blu > 0.25 m



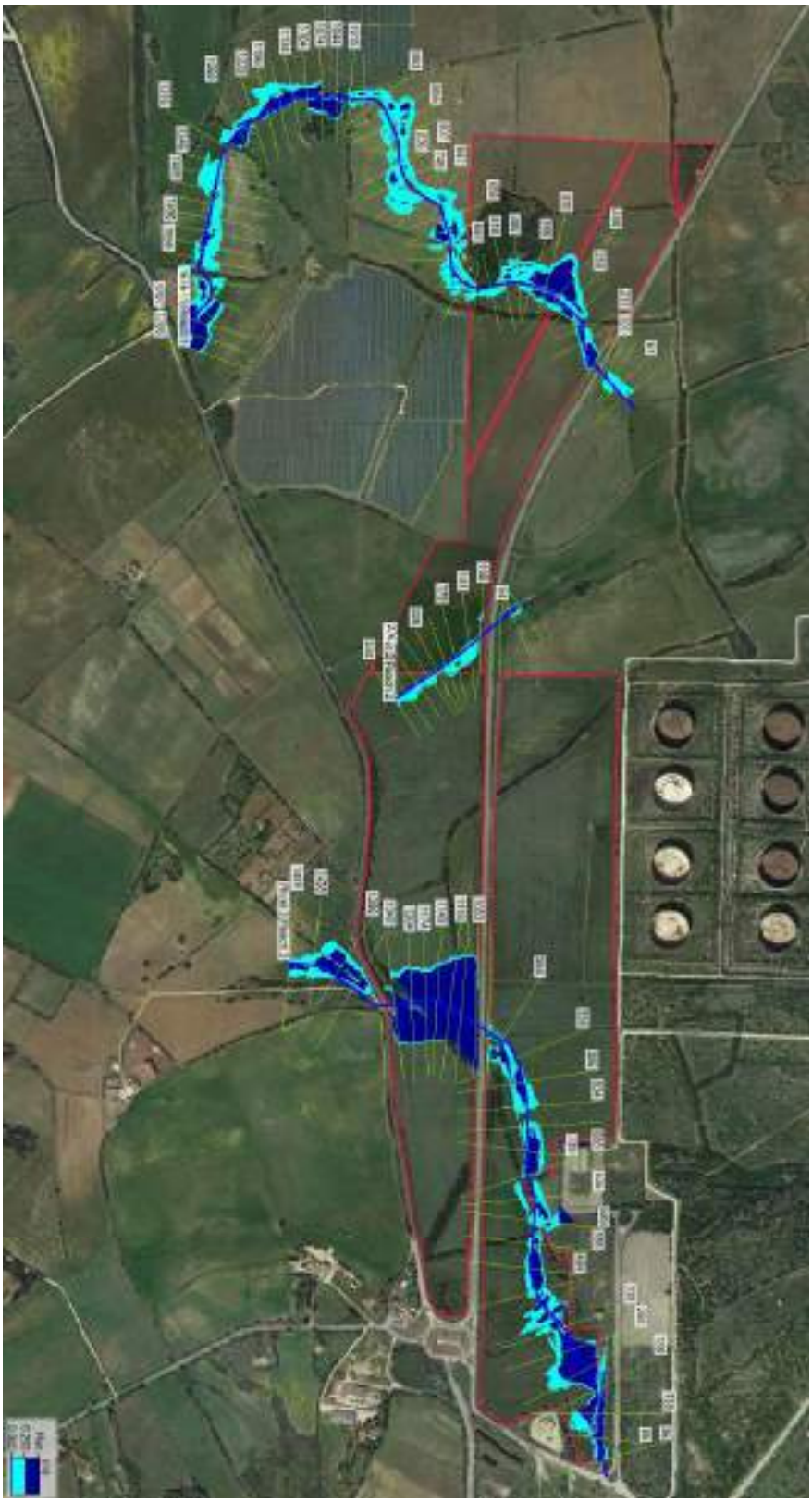
Planimetria tiranti – T = 100 anni – Ante Operam – azzurro h < 0.25 m – blu > 0.25 m



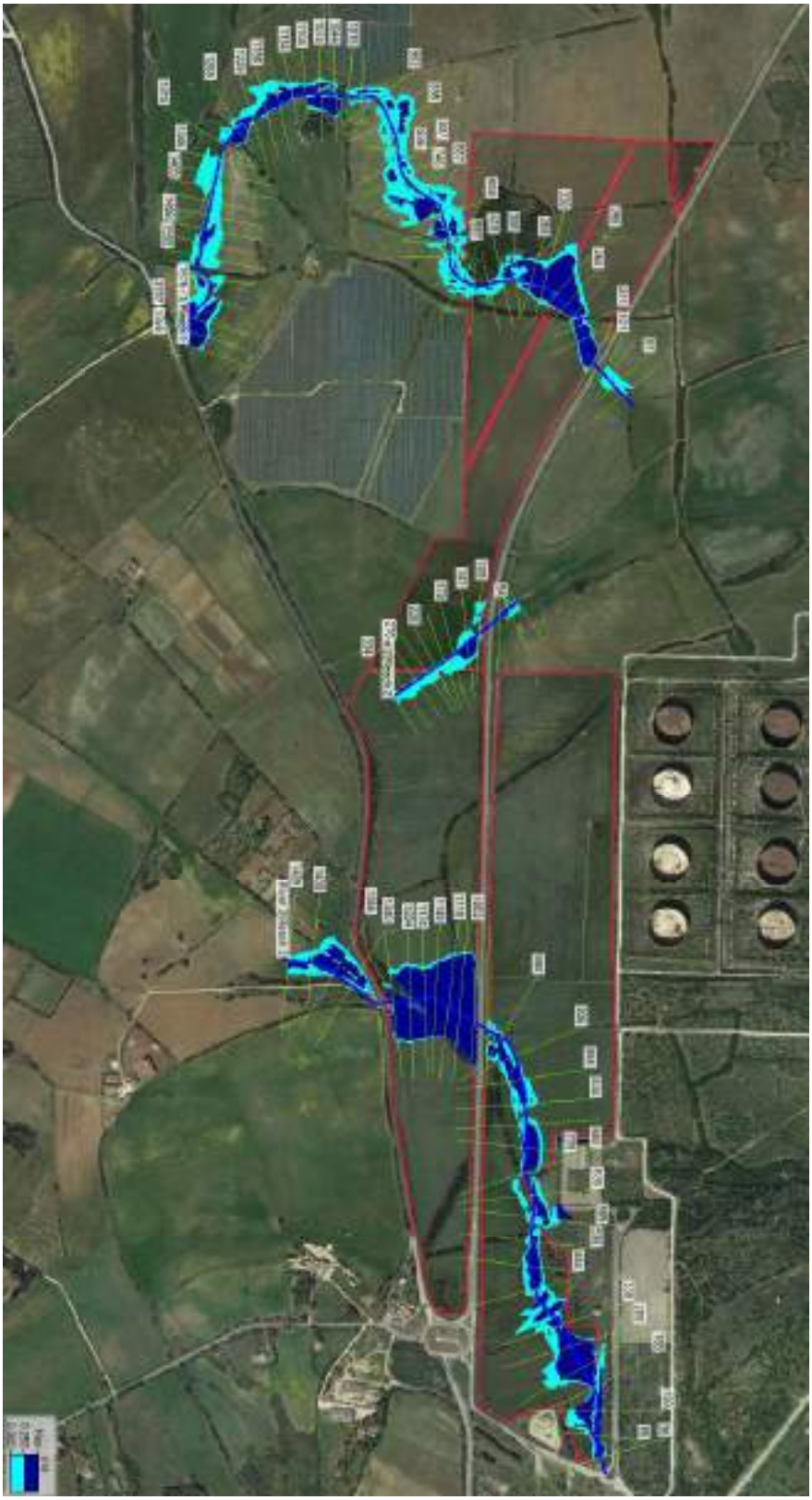
Planimetria tiranti – T = 200 anni – Ante Operam – azzurro h < 0.25 m – blu > 0.25 m



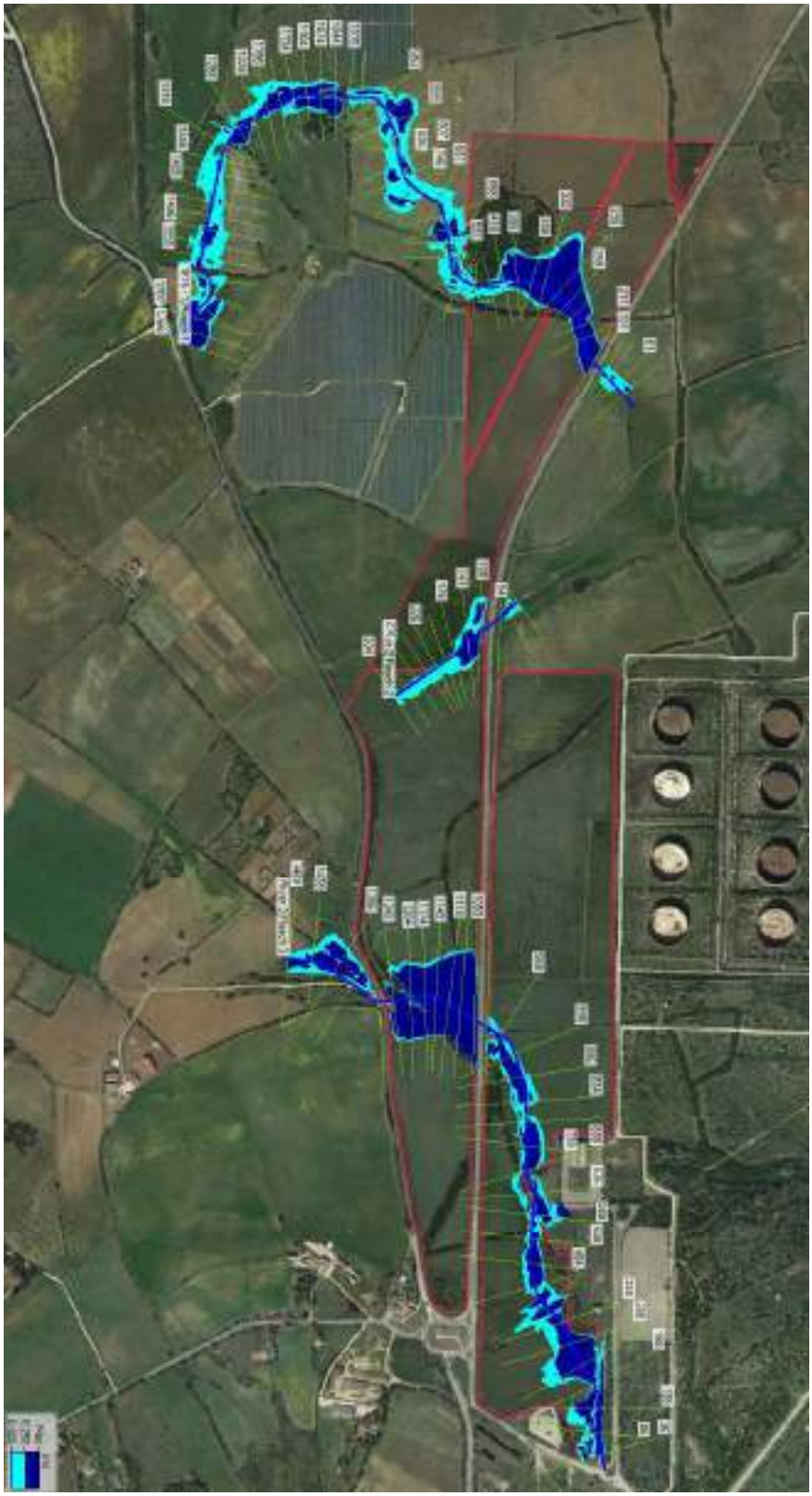
Planimetria tiranti – T = 500 anni – Ante Operam – azzurro h < 0.25 m – blu > 0.25 m



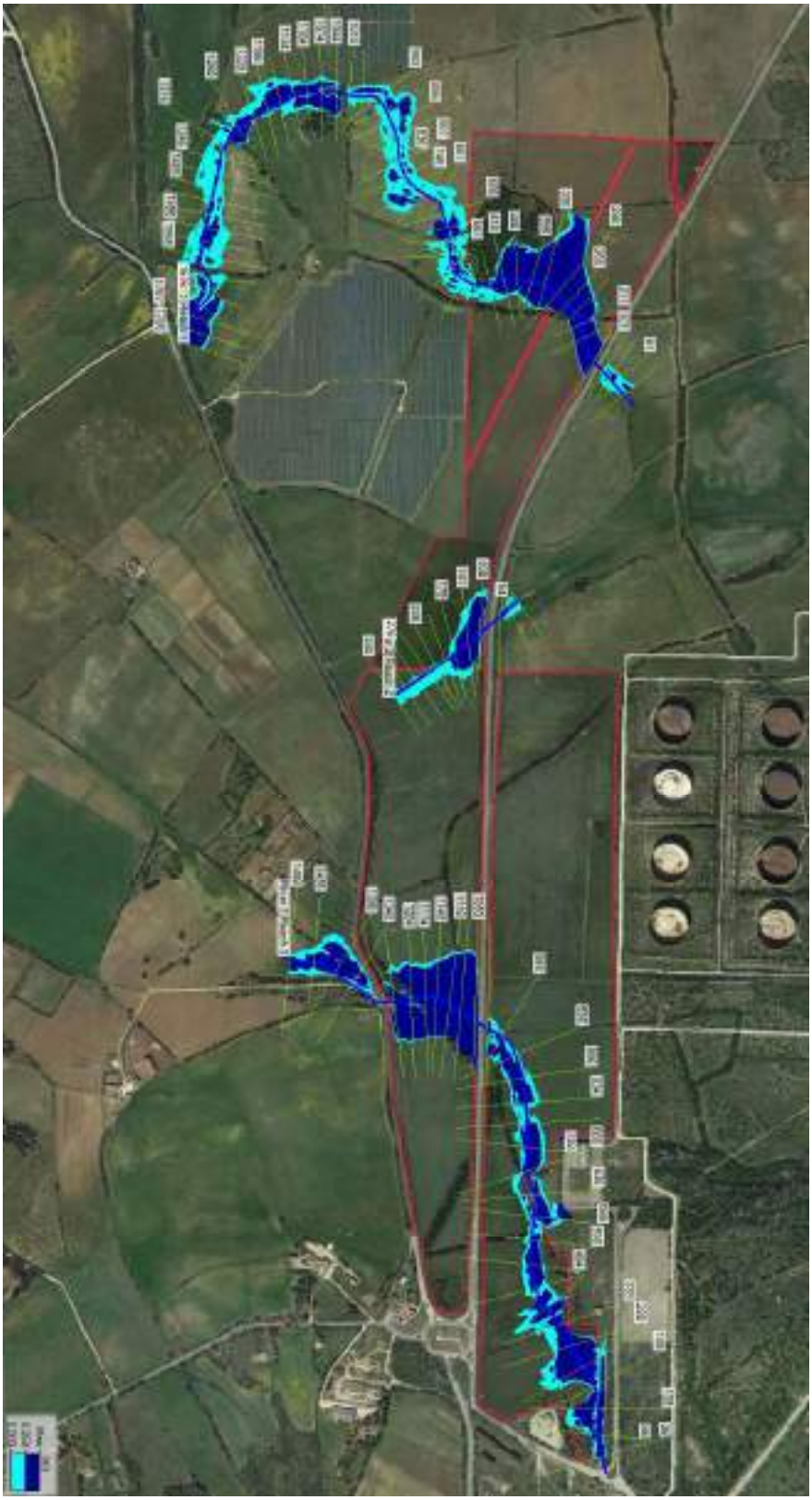
Planimetria tiranti – T = 25 anni – Post Operam – azzurro h < 0.25 m – blu > 0.25 m



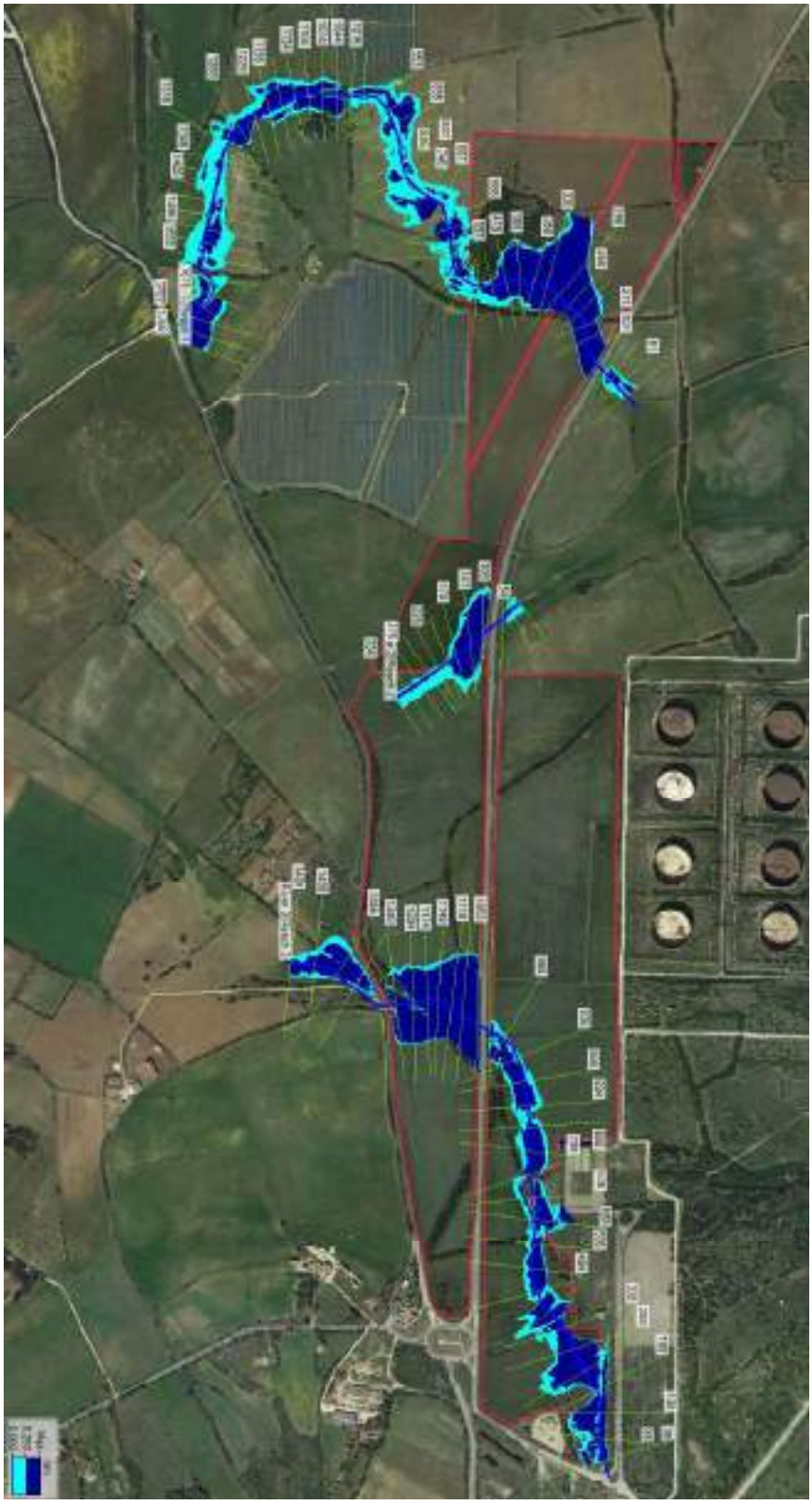
Planimetria tiranti – T = 50 anni – Post Operam – azzurro h < 0.25 m – blu > 0.25 m



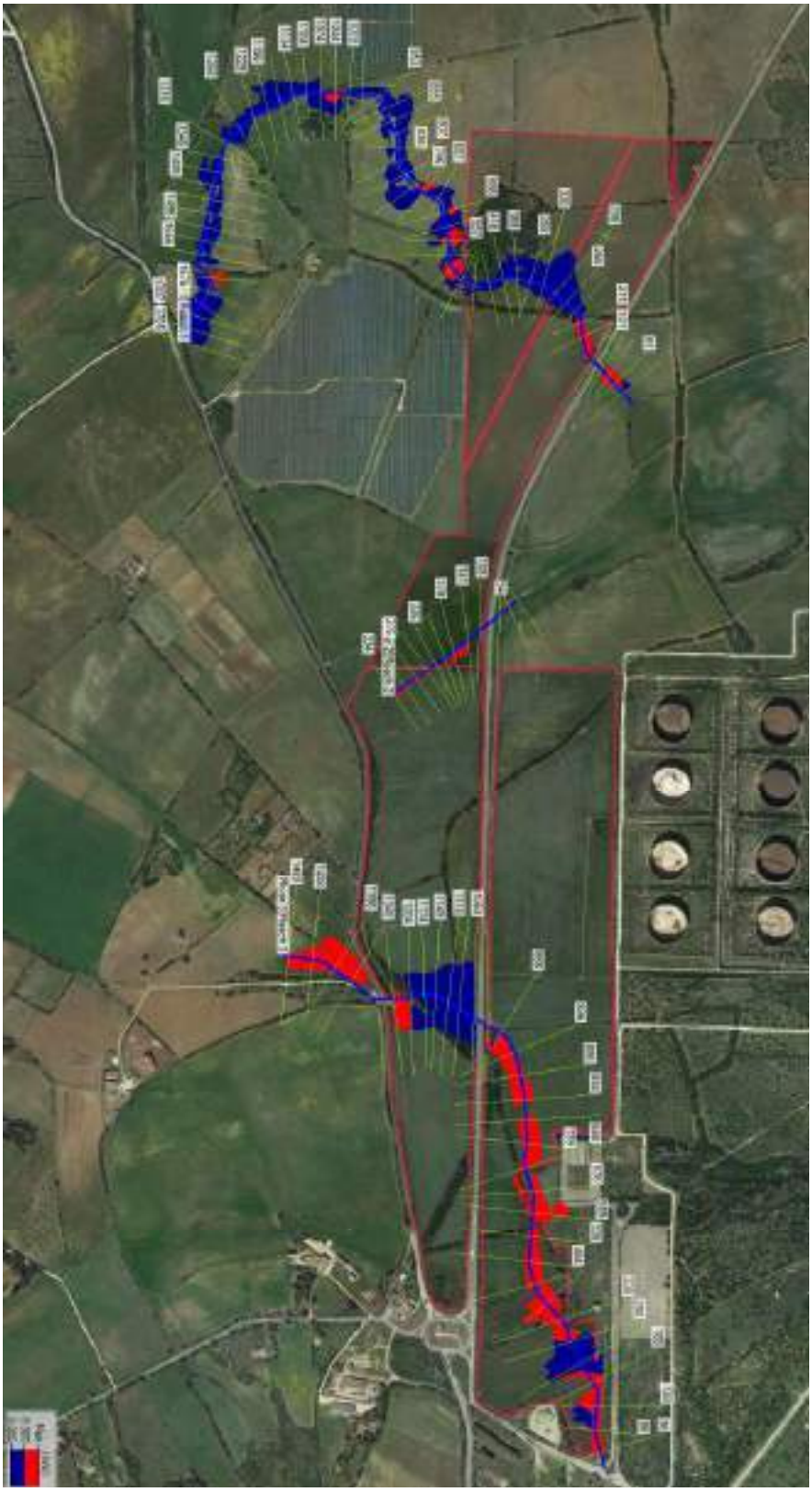
Planimetria tiranti – T = 100 anni – Post Operam – azzurro h < 0.25 m – blu > 0.25 m



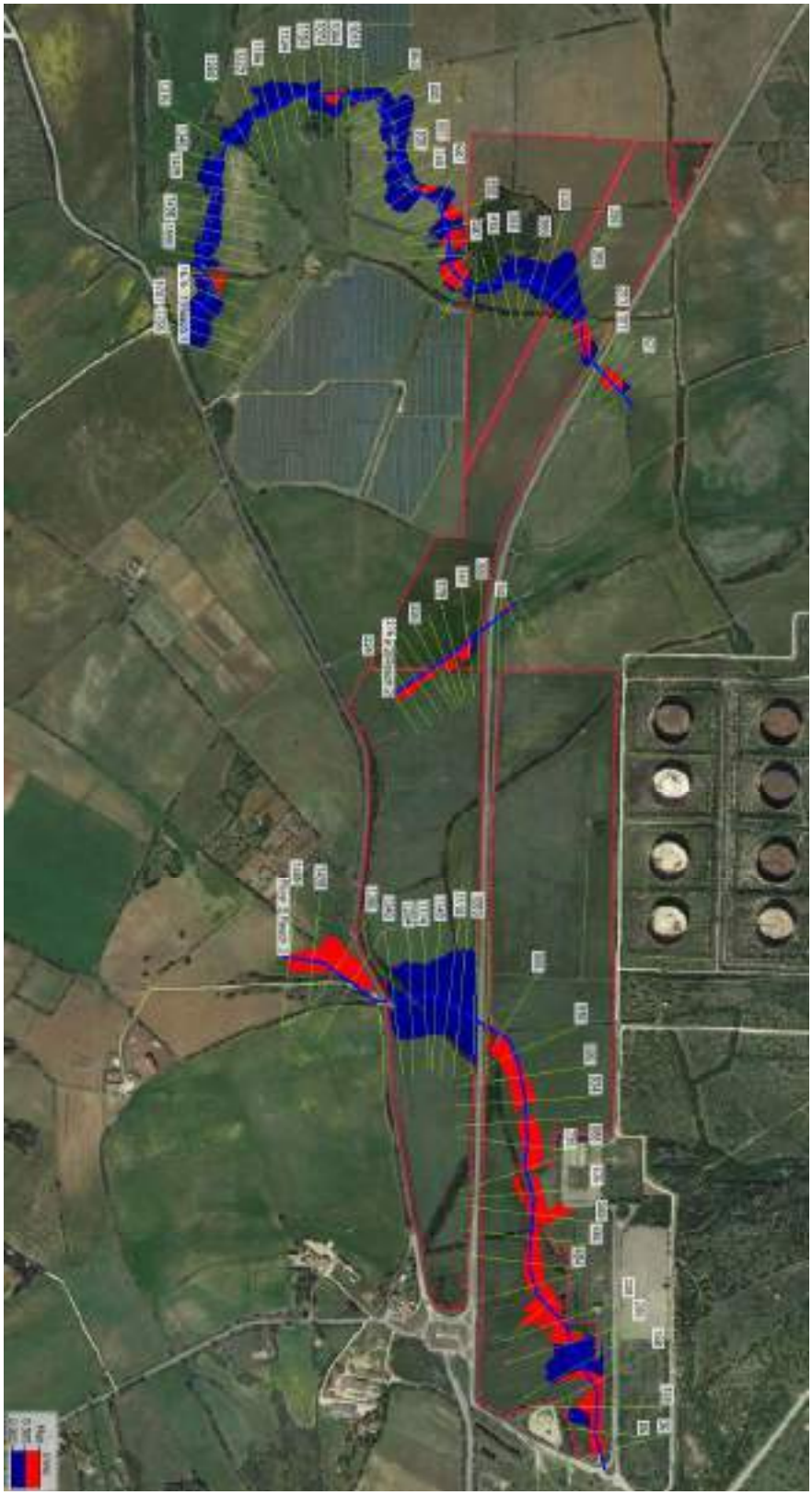
Planimetria tiranti – T = 200 anni – Post Operam – azzurro h < 0.25 m – blu > 0.25 m



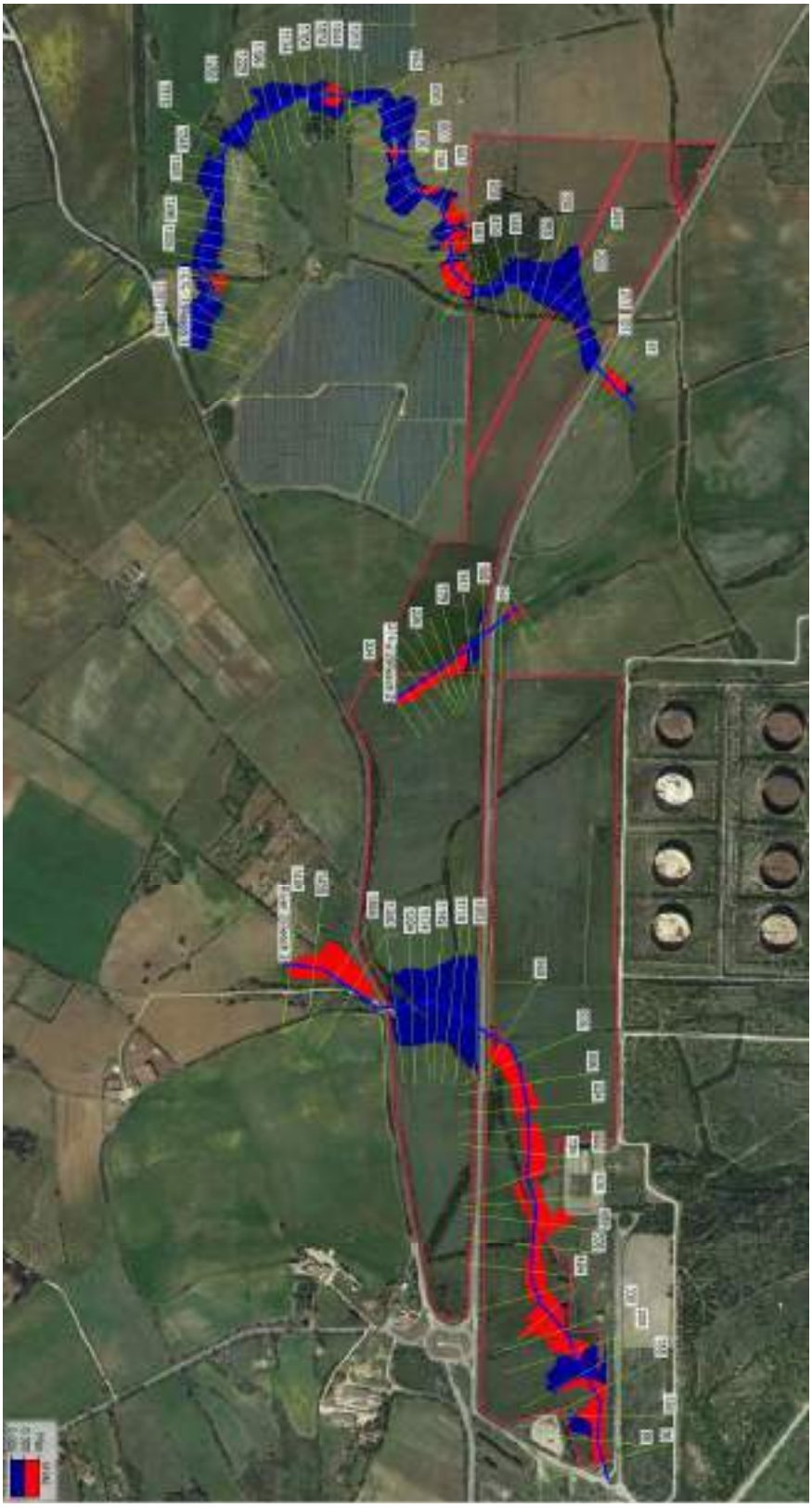
Planimetria tiranti – T = 500 anni – Post Operam – azzurro h < 0.25 m – blu > 0.25 m



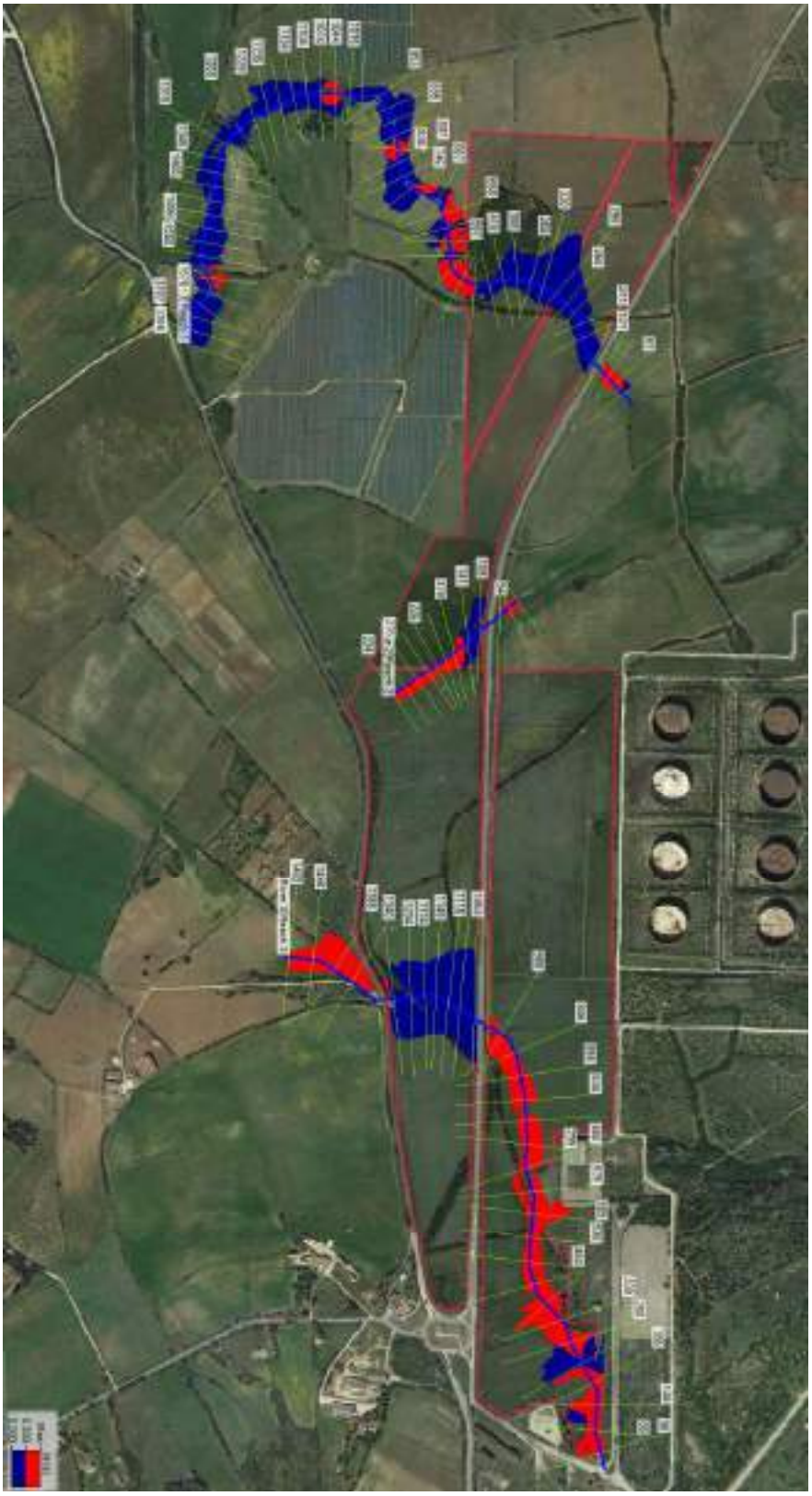
Planimetria velocità – T = 25 anni – Ante Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



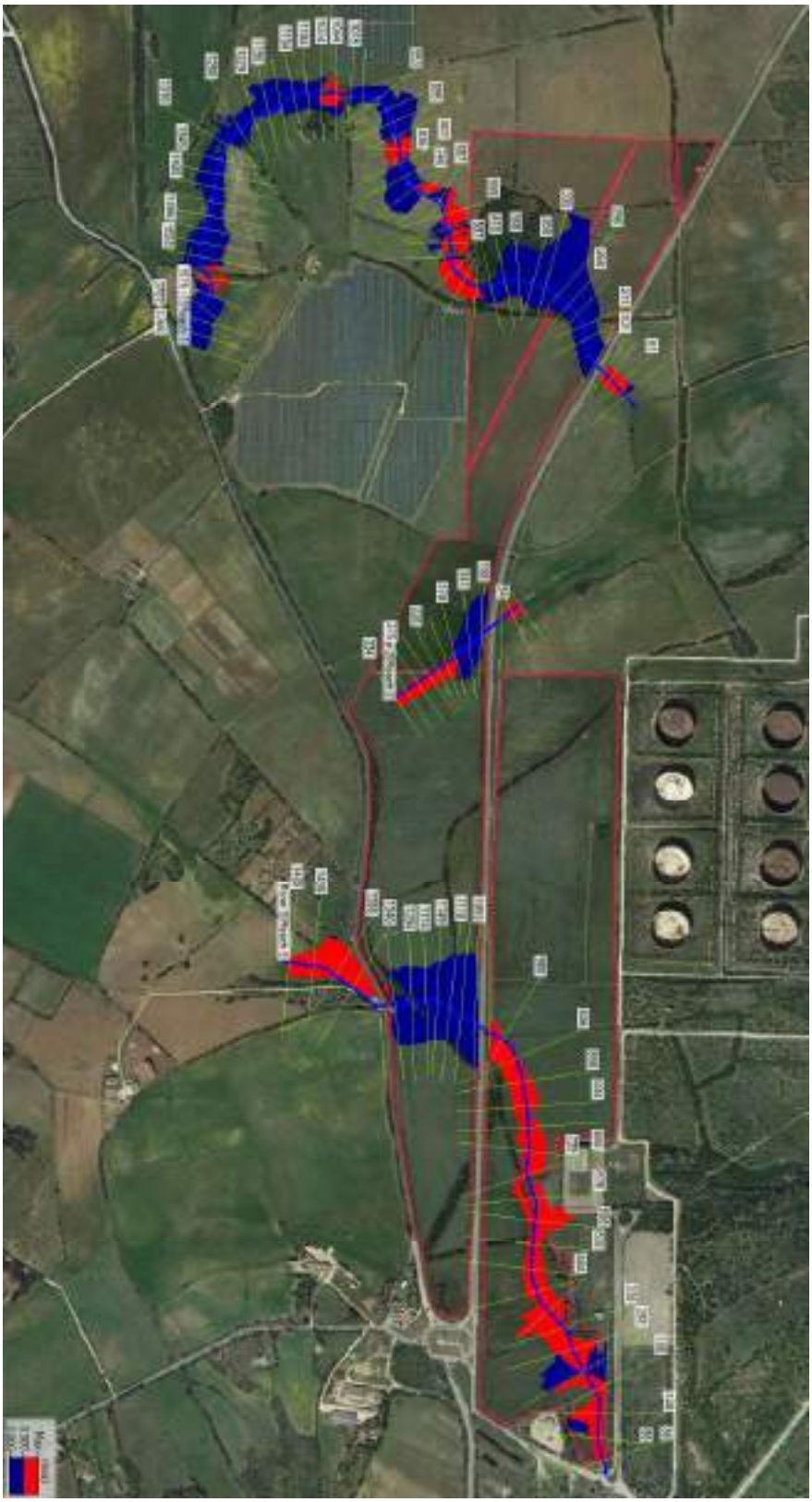
Planimetria velocità – T = 50 anni – Ante Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



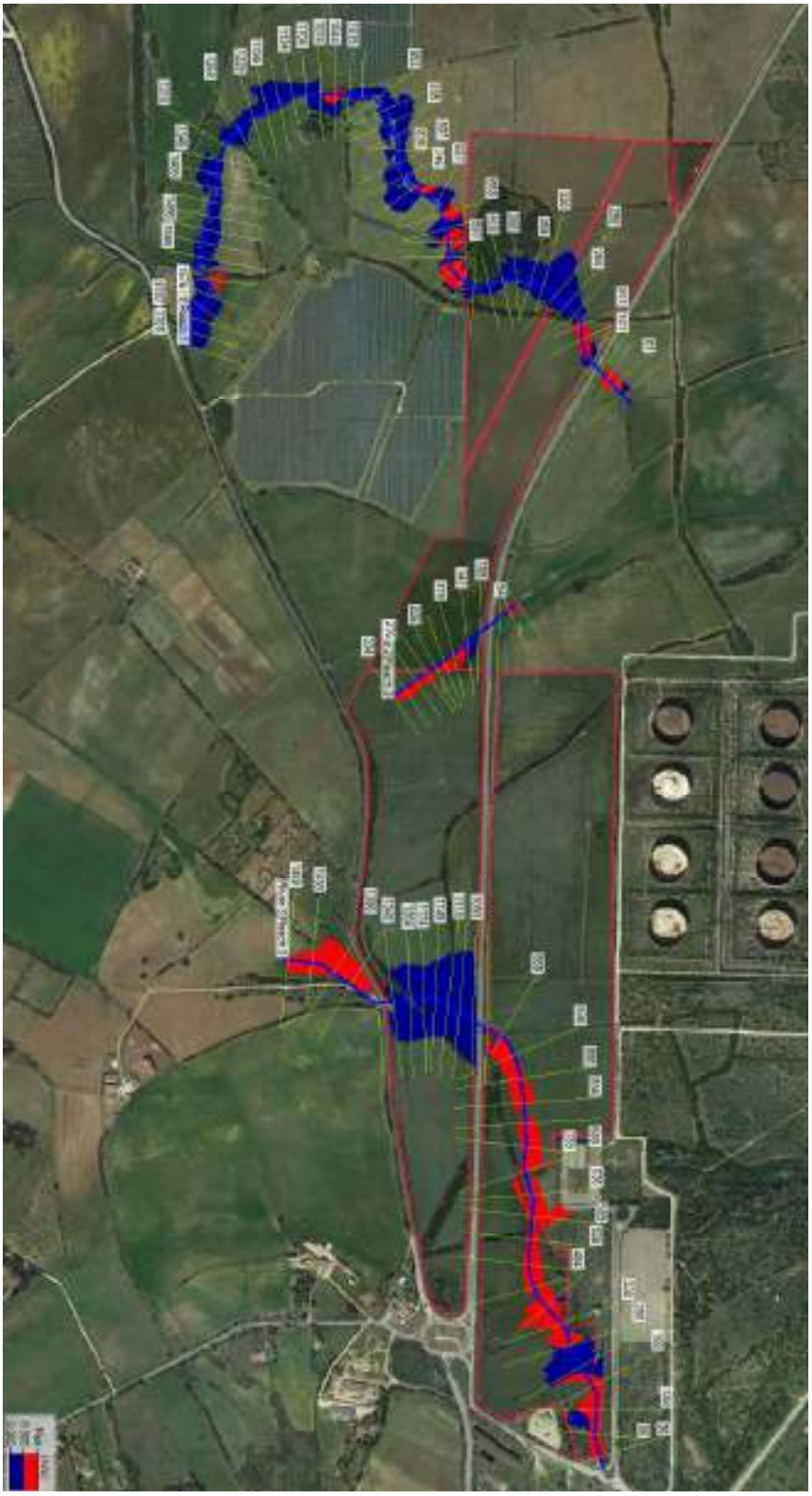
Planimetria velocità – T = 100 anni – Ante Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



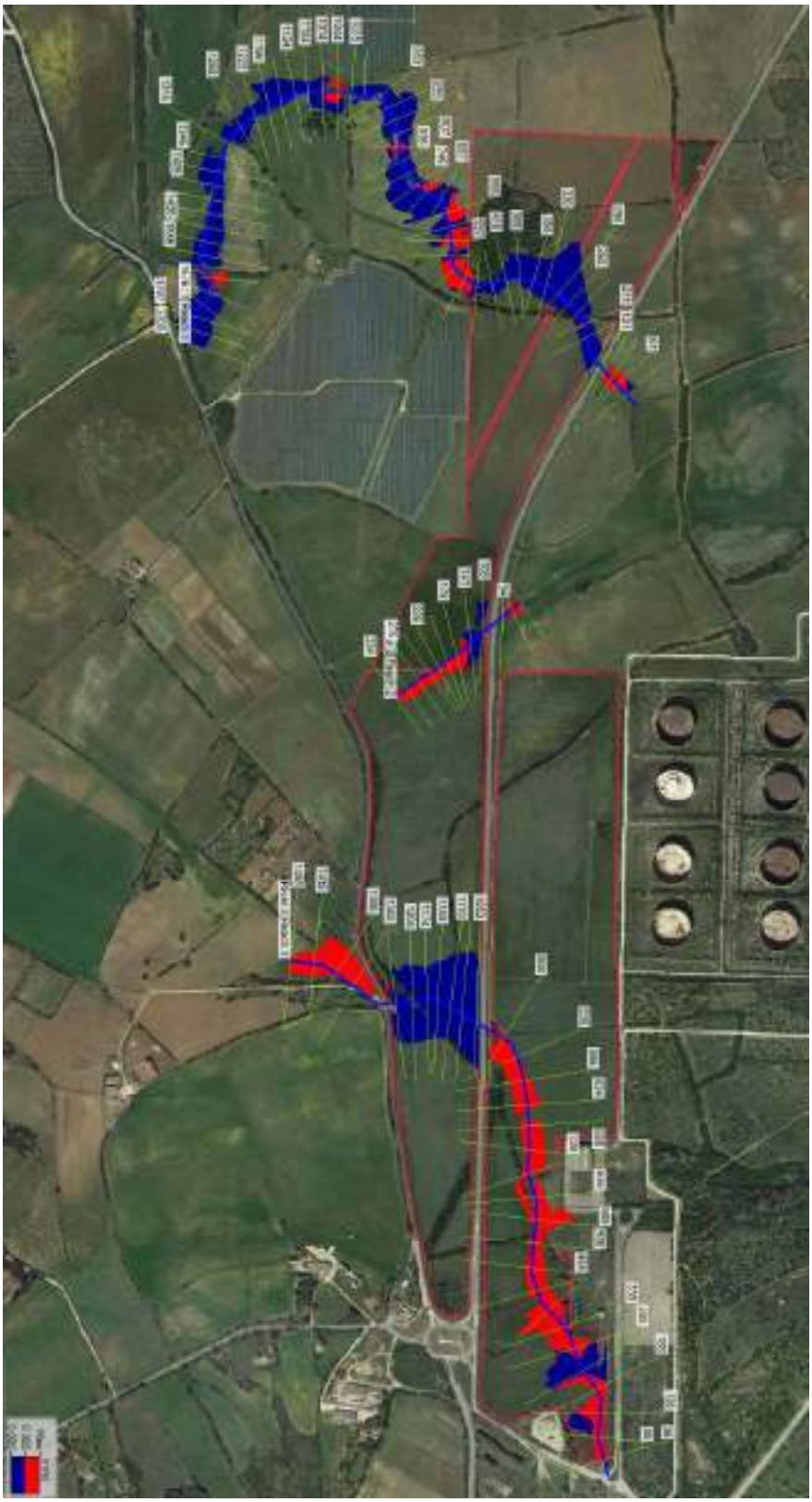
Planimetria velocità – T = 200 anni – Ante Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



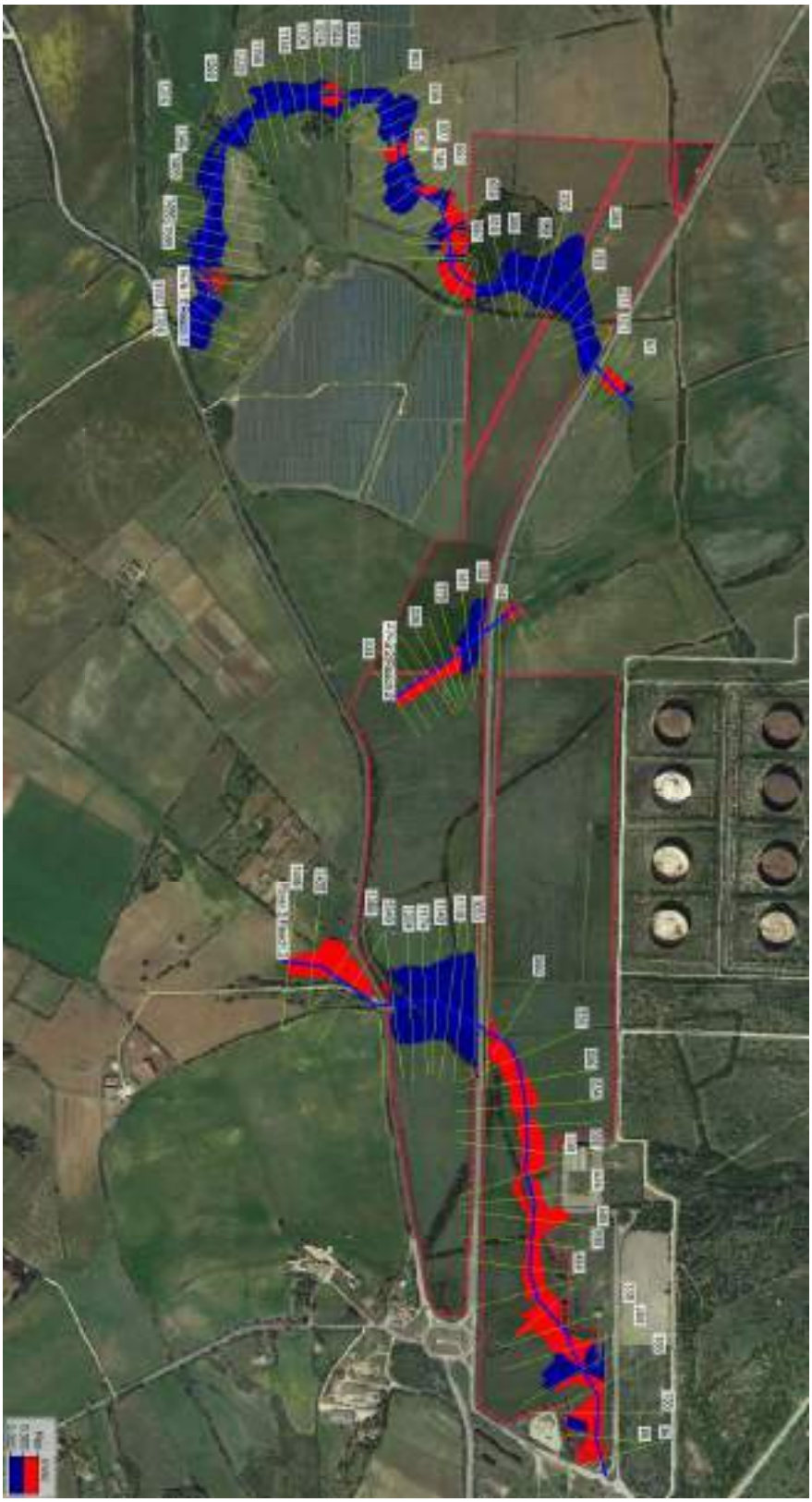
Planimetria velocità – T = 500 anni – Ante Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



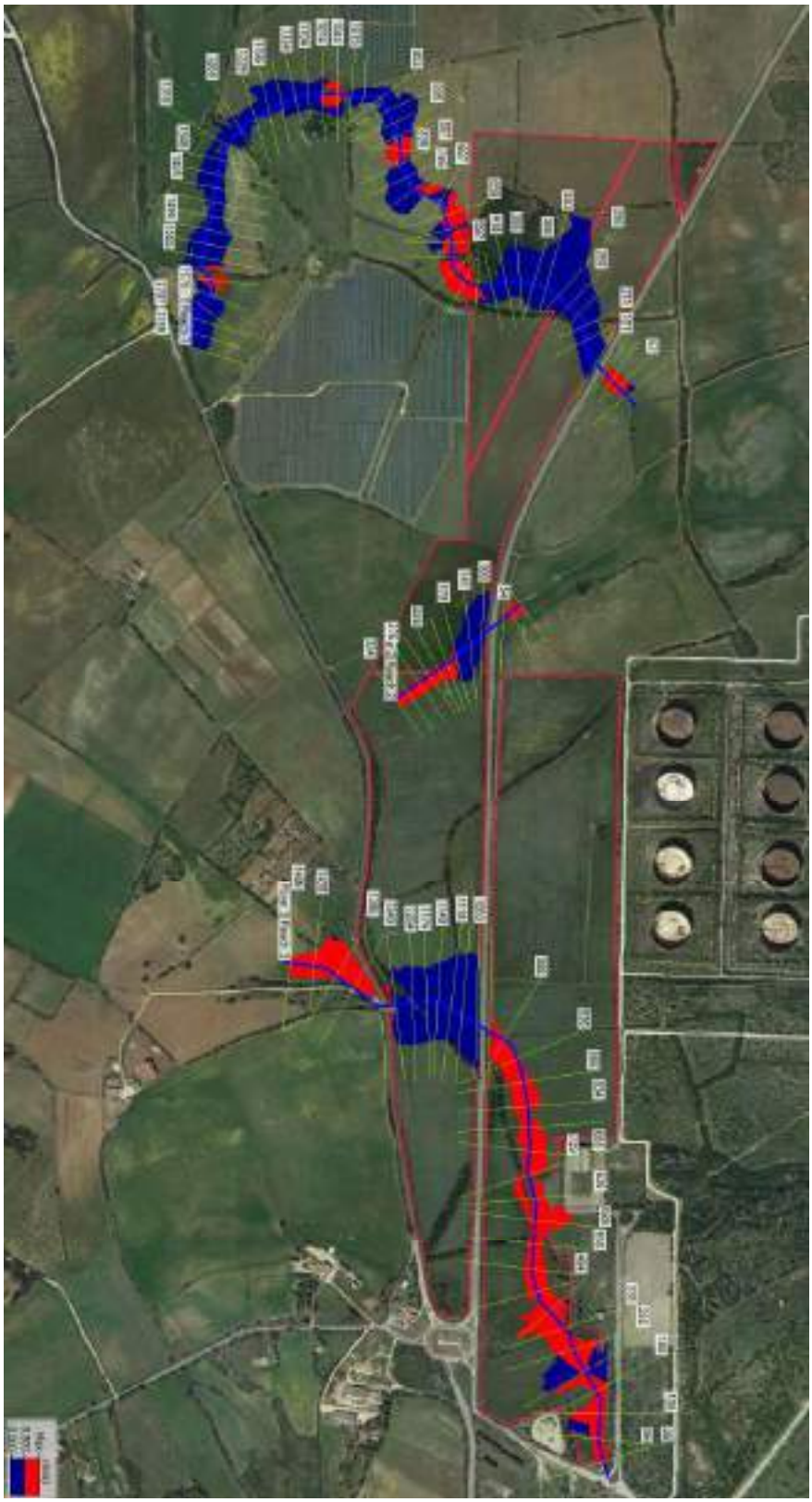
Planimetria velocità – T = 25 anni – Post Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



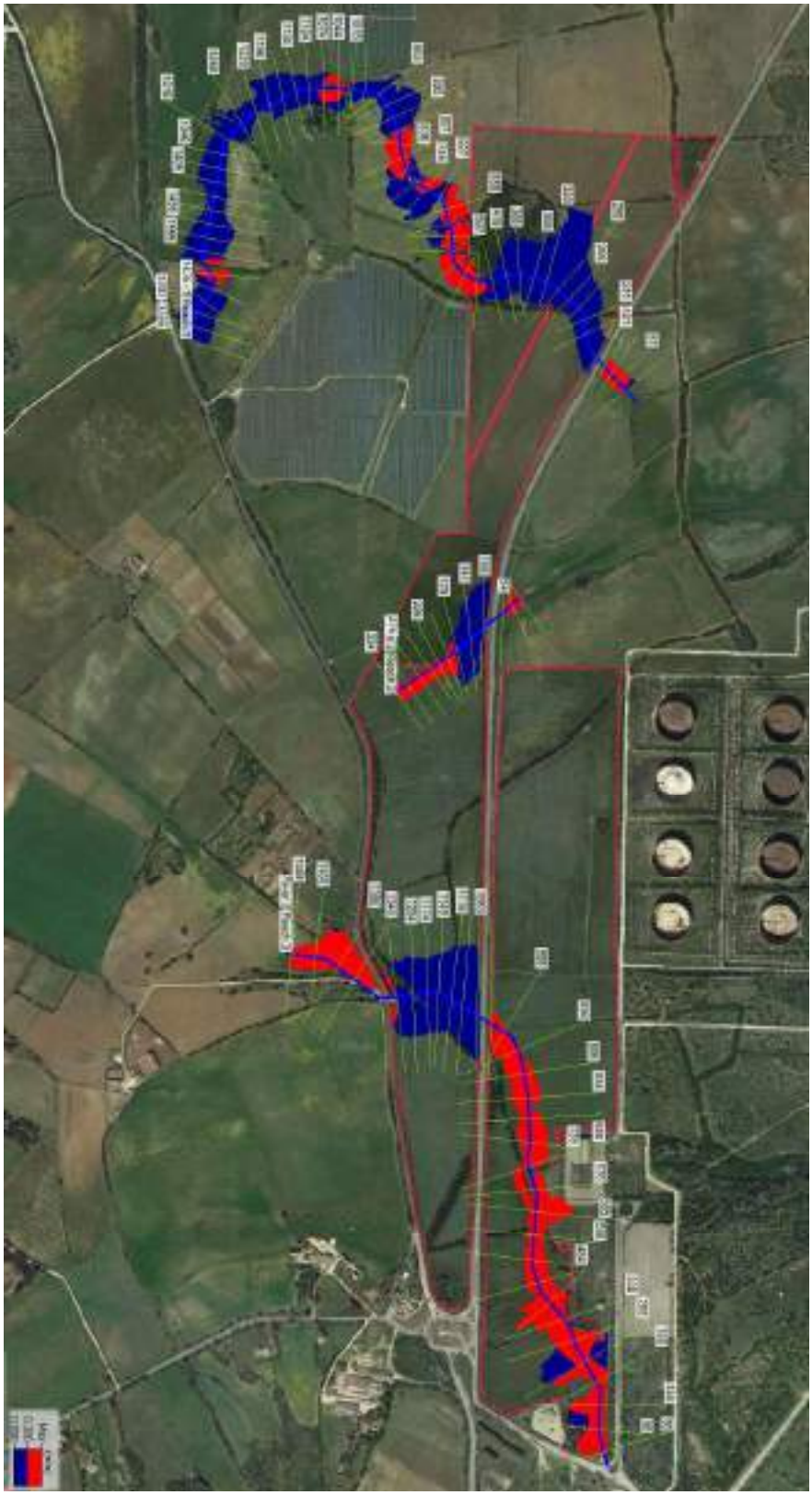
Planimetria velocità – T = 50 anni – Post Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



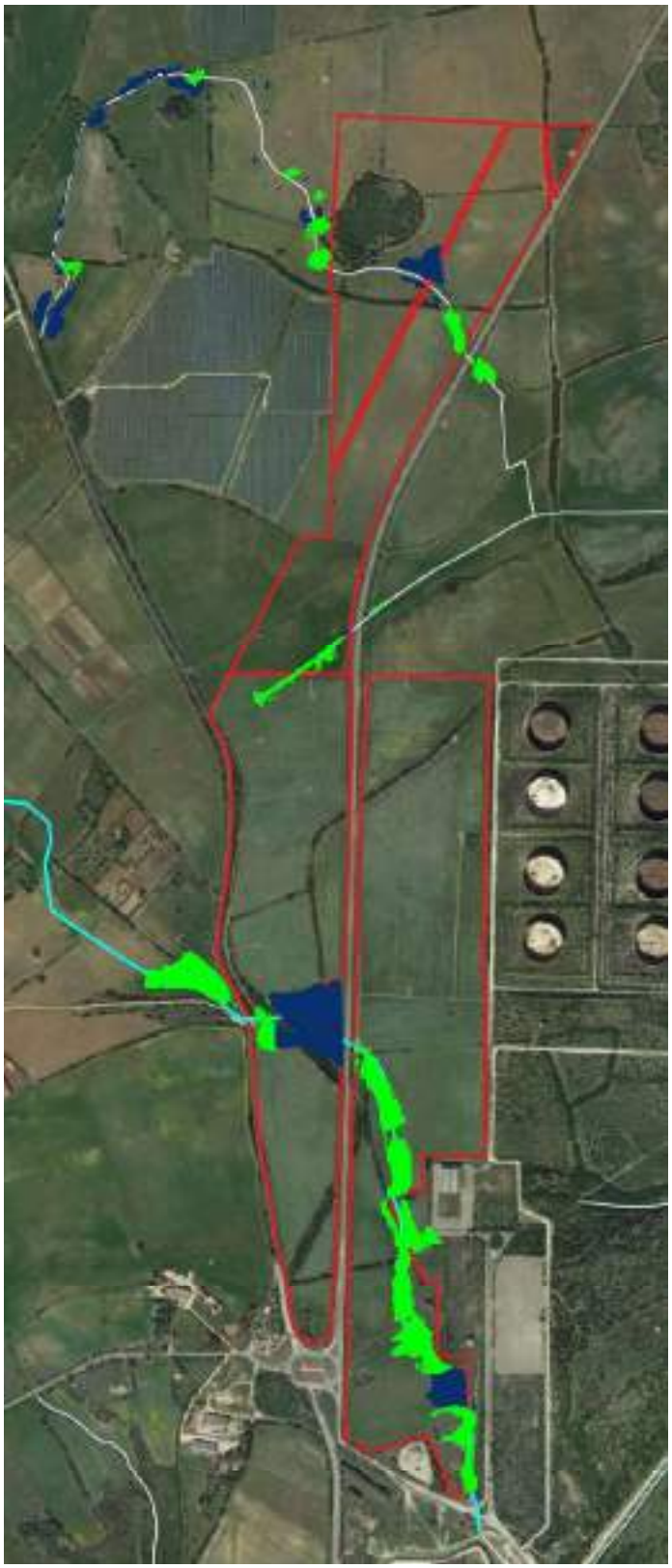
Planimetria velocità – T = 100 anni – Post Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



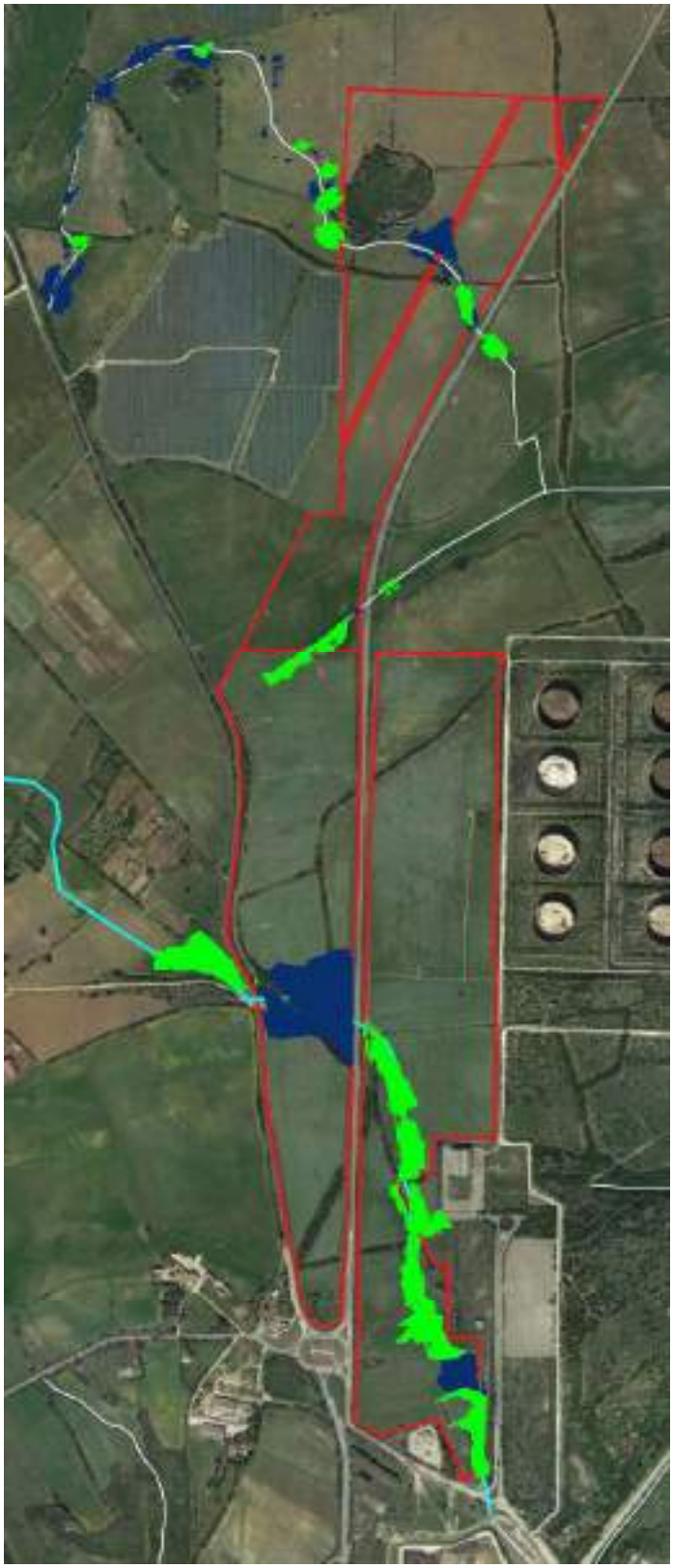
Planimetria velocità – T = 200 anni – Post Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s



Planimetria velocità – T = 500 anni – Post Operam – blu v < 0.3 m/s – rosso v > 0.3 m/s

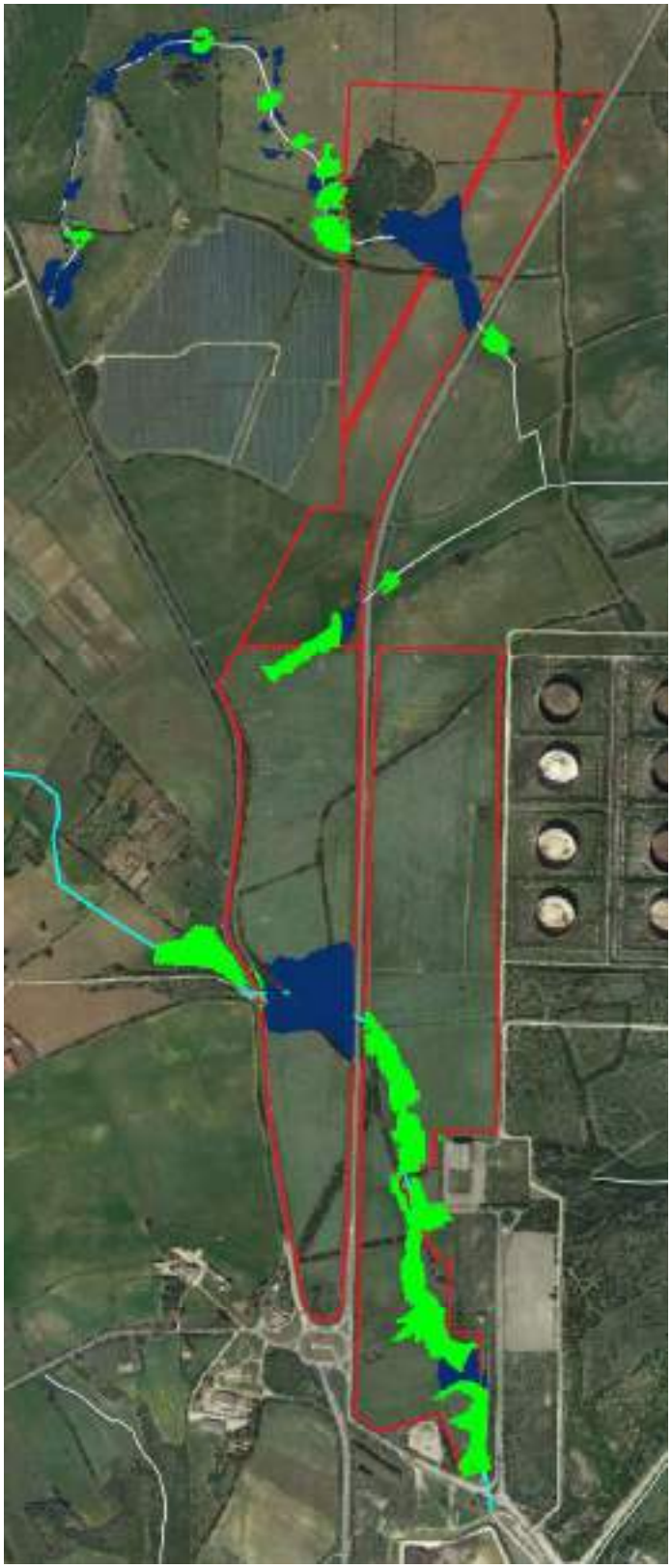


Planimetria complessiva – T = 25 anni – Ante Operam – blu h > 0.25 m – verde v > 0.3 m/s

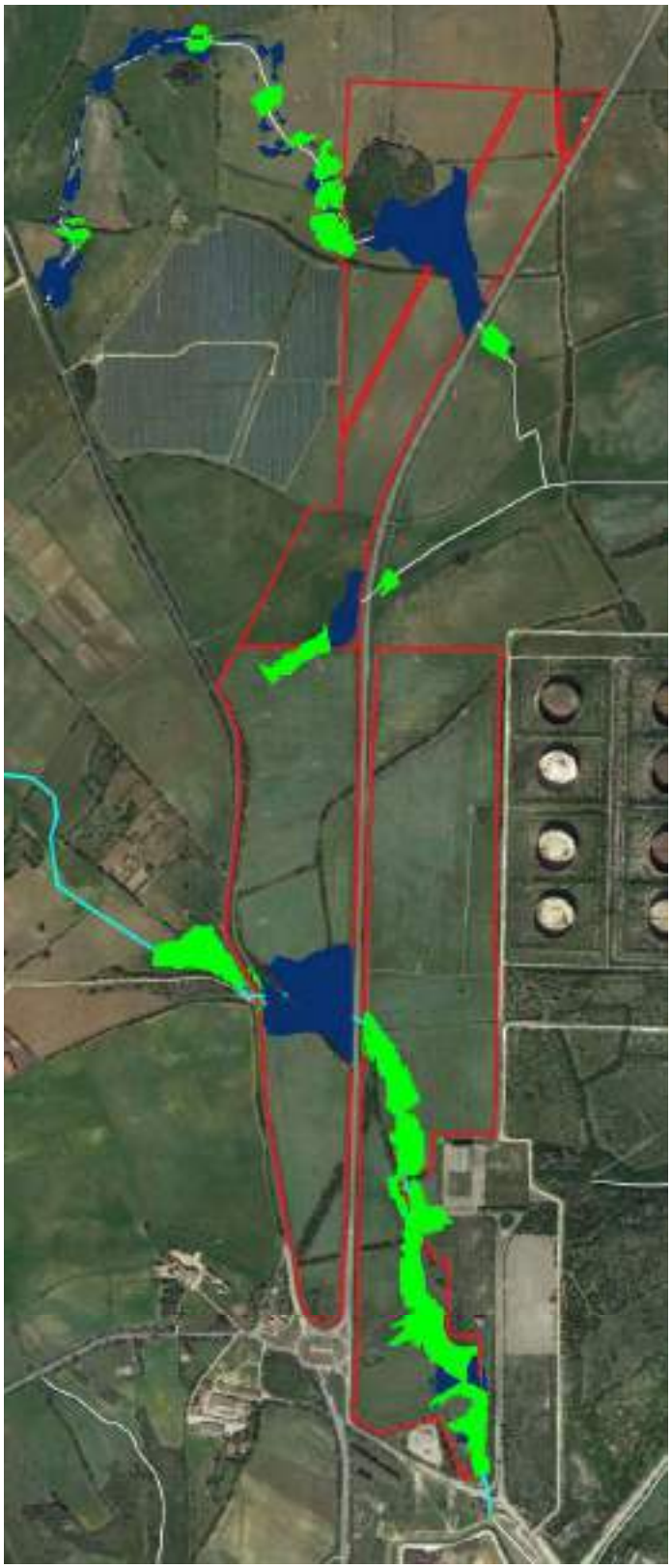


Planimetria complessiva – T = 50 anni – Ante Operam – blu h > 0.25 m – verde v > 0.3 m/s

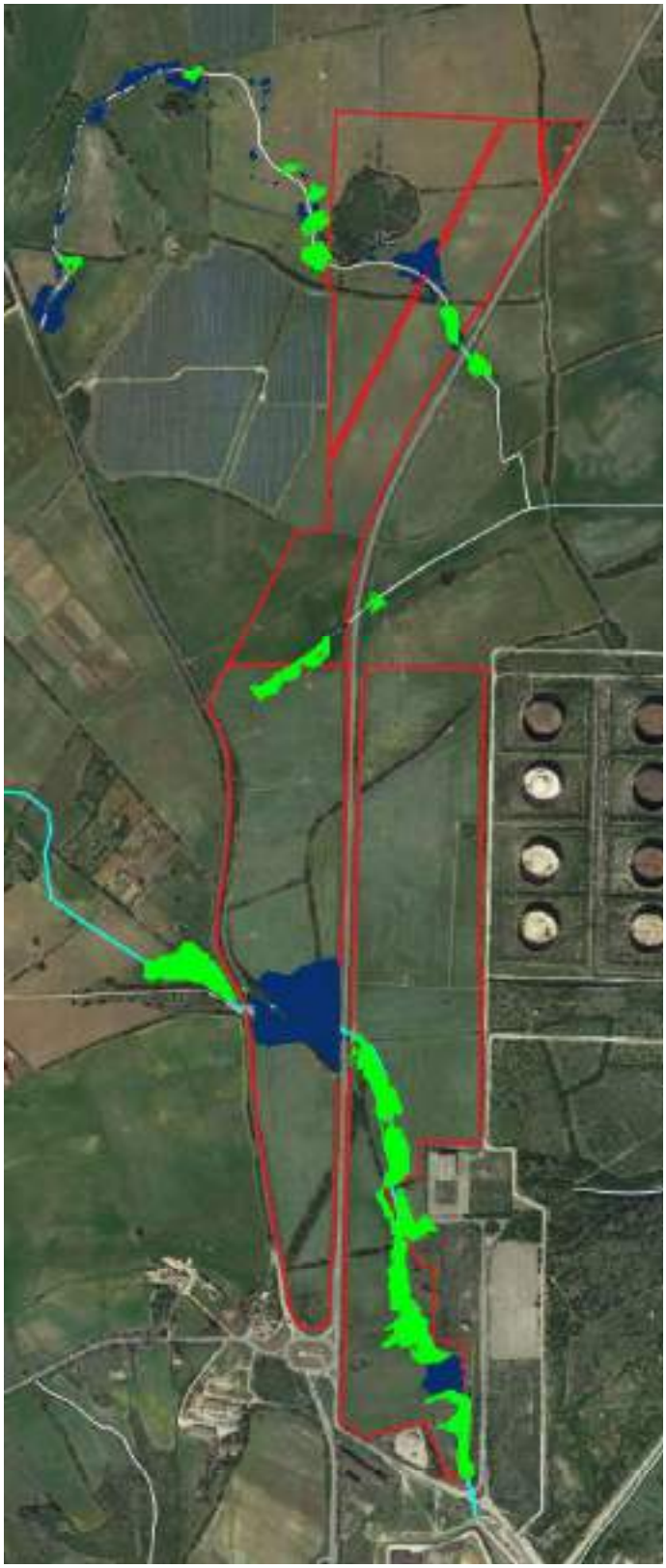
Planimetria complessiva – T = 100 anni – Ante Operam – blu h > 0.25 m – verde v > 0.3 m/s



Planimetria complessiva – T = 200 anni – Ante Operam – blu h > 0.25 m – verde v > 0.3 m/s

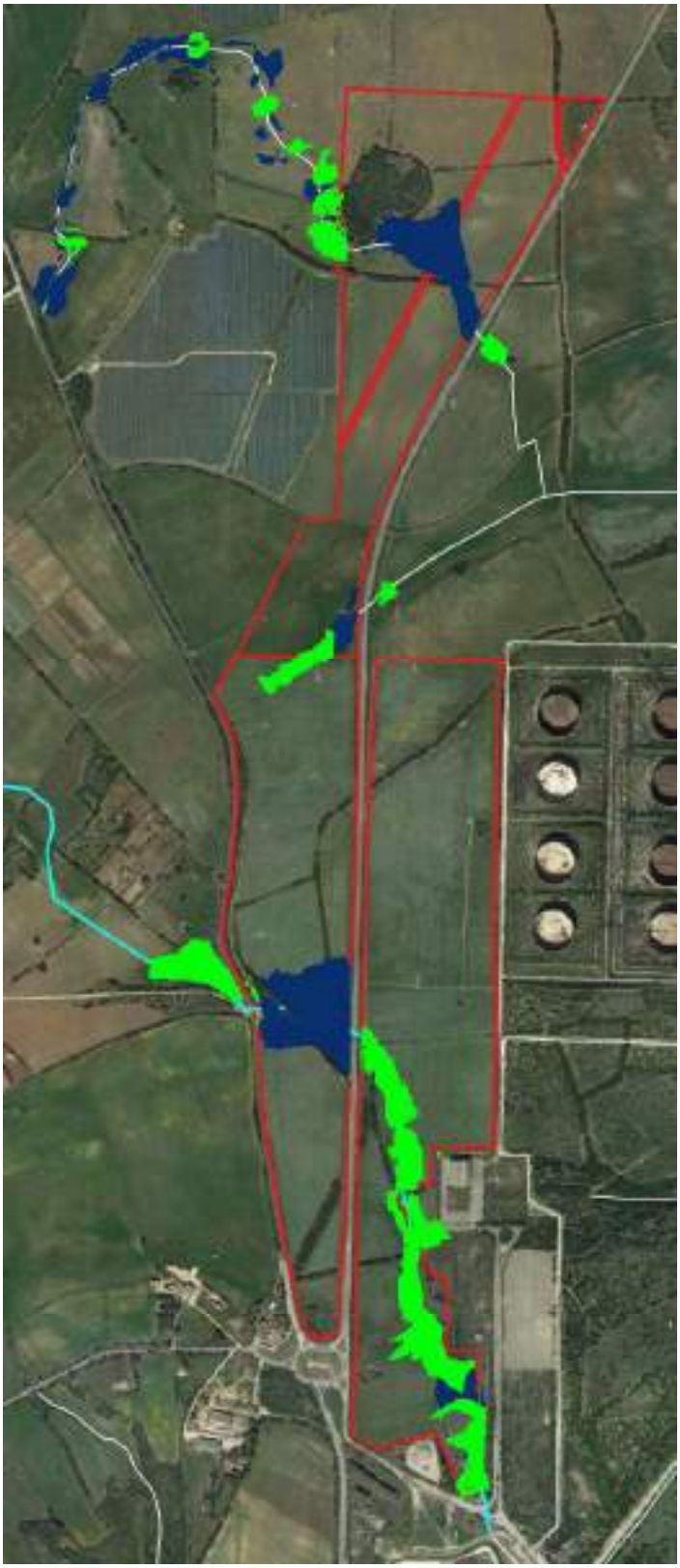


Planimetria complessiva – T = 500 anni – Ante Operam – blu h > 0.25 m – verde v > 0.3 m/s

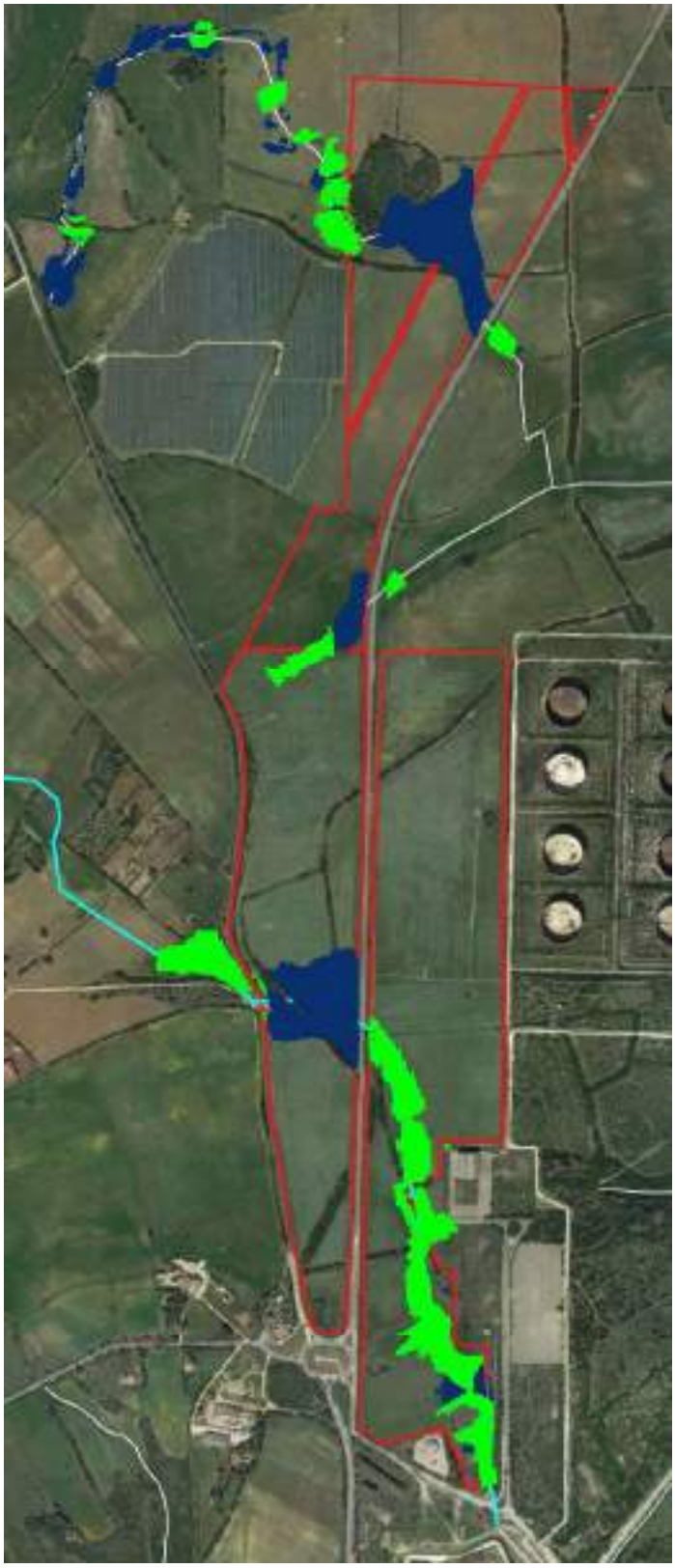


Planimetria complessiva – T = 25 anni – Post Operam – blu h > 0.25 m – verde v > 0.3 m/s

Planimetria complessiva – T = 50 anni – Post Operam – blu h > 0.25 m – verde v > 0.3 m/s



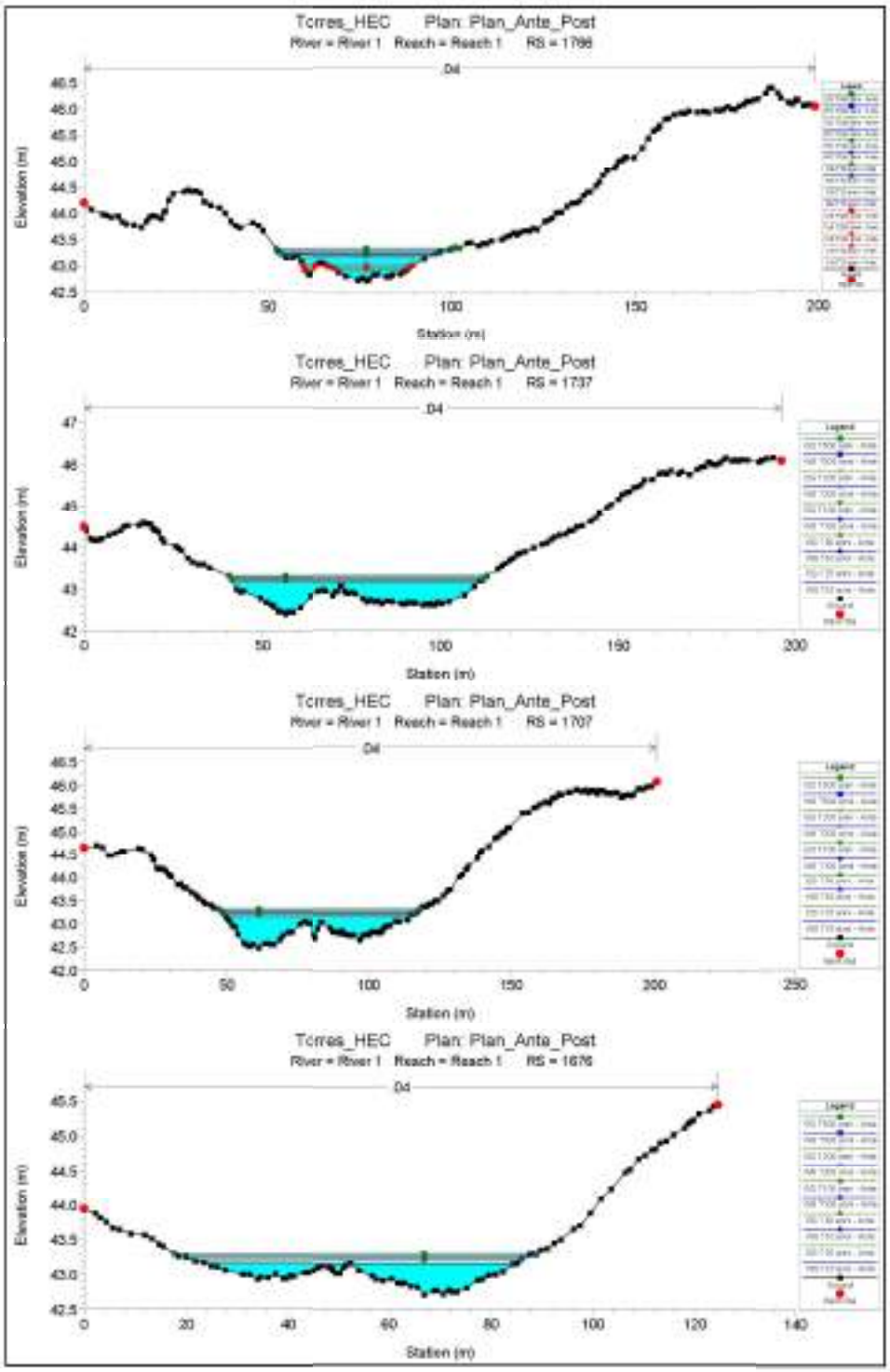
Planimetria complessiva – T = 100 anni – Post Operam – blu h > 0.25 m – verde v > 0.3 m/s

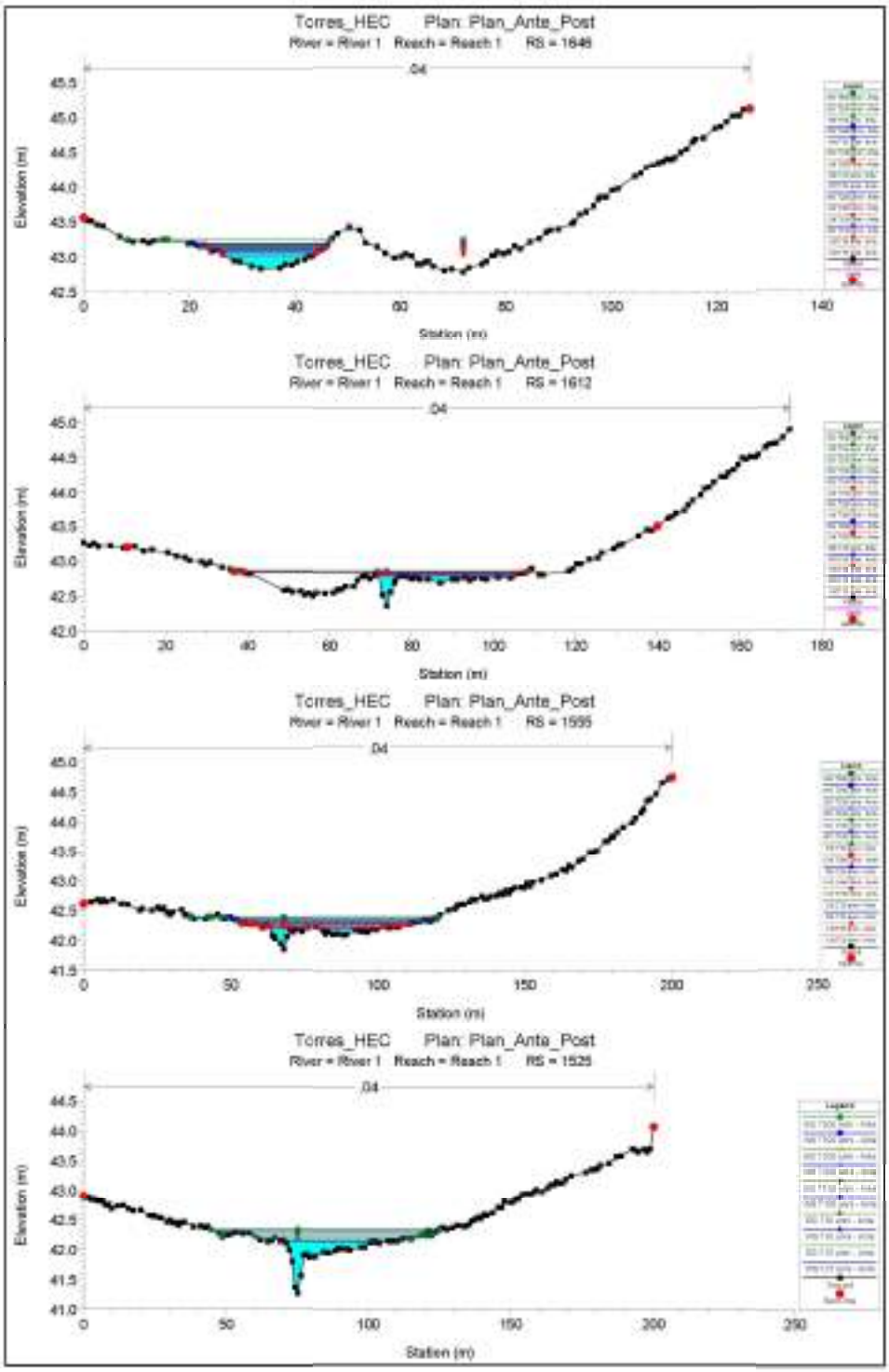


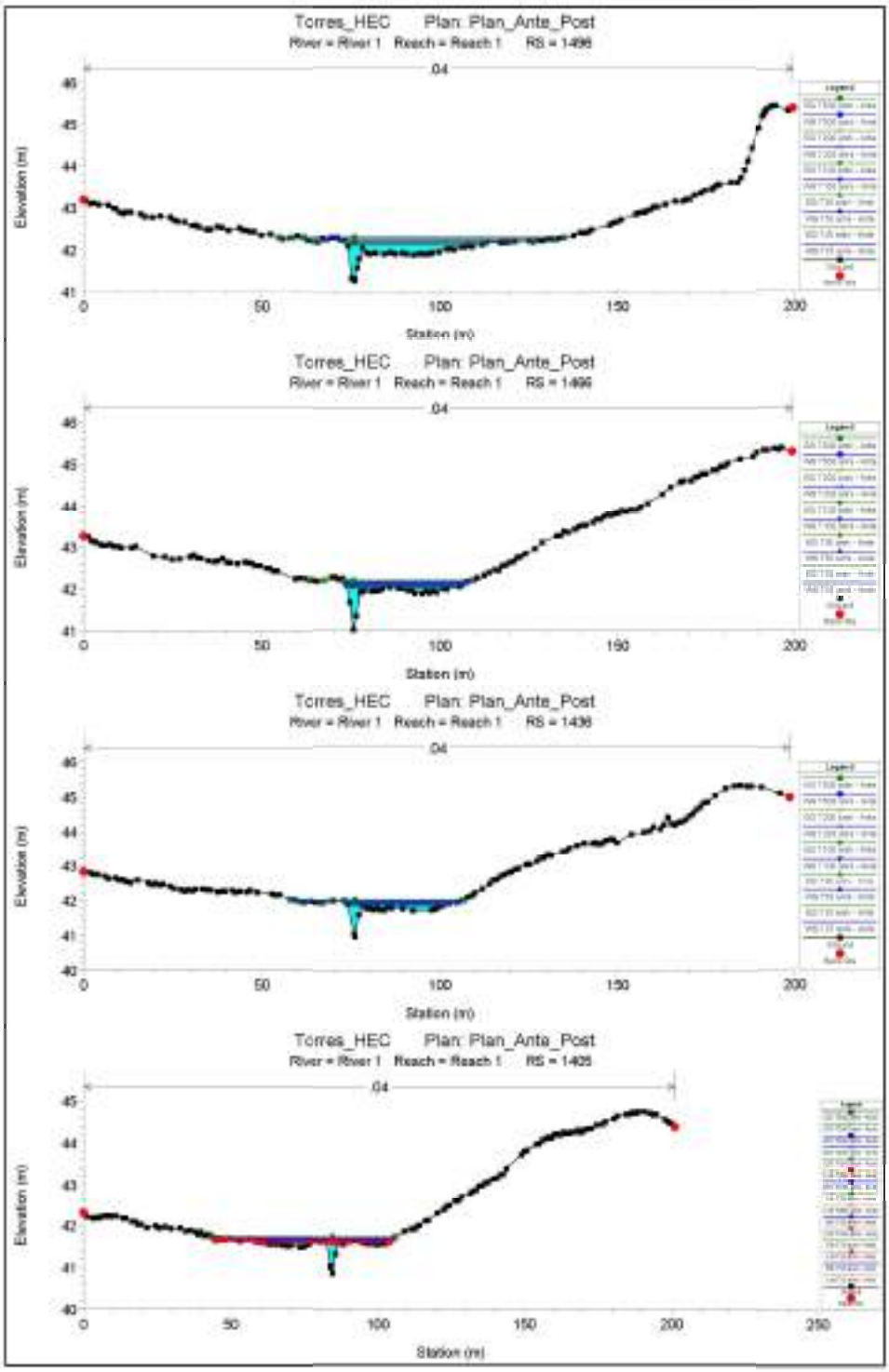
Planimetria complessiva – T = 200 anni – Post Operam – blu h > 0.25 m – verde v > 0.3 m/s

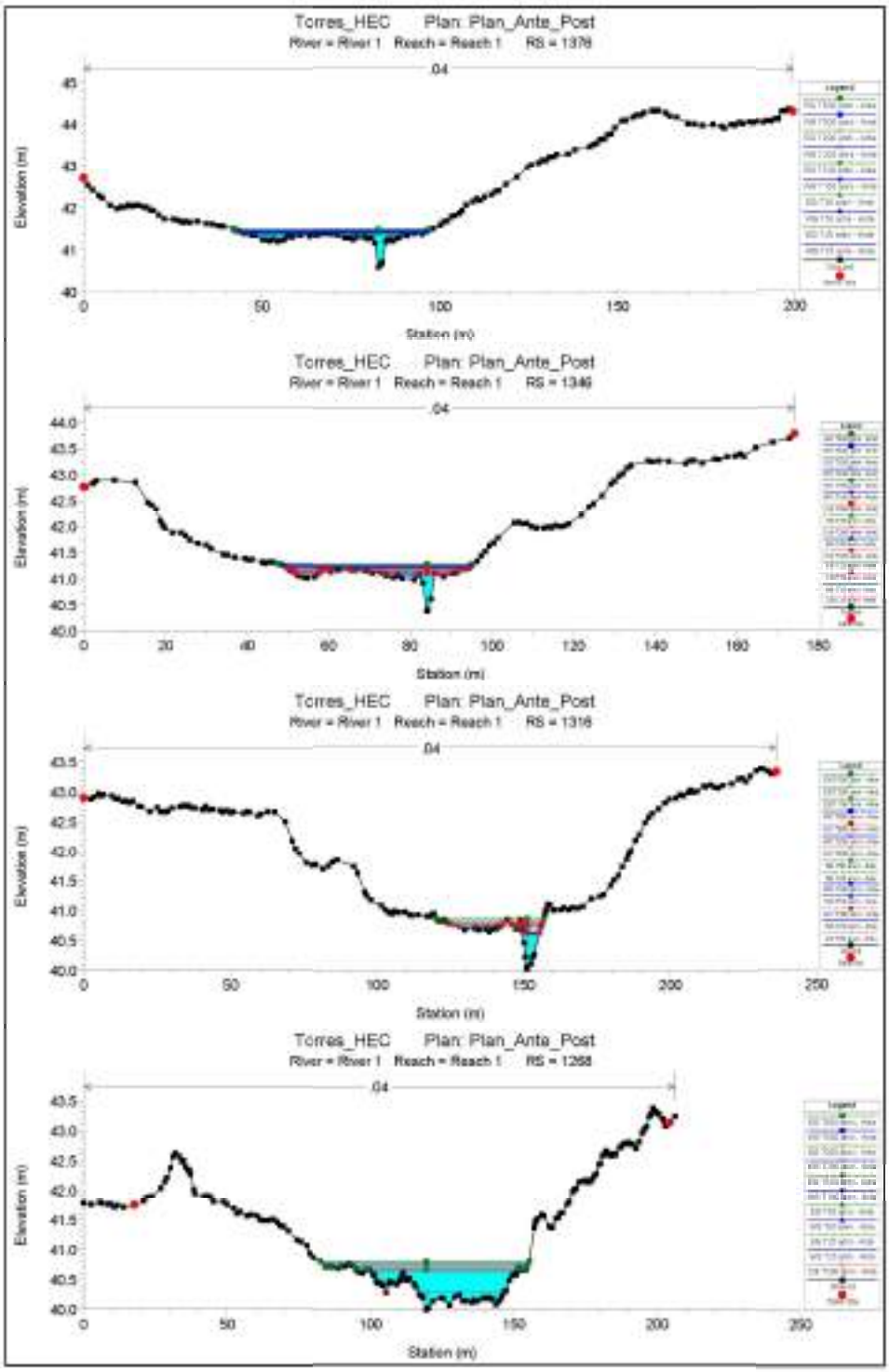
Planimetria complessiva – T = 500 anni – Post Operam – blu h > 0.25 m – verde v > 0.3 m/s

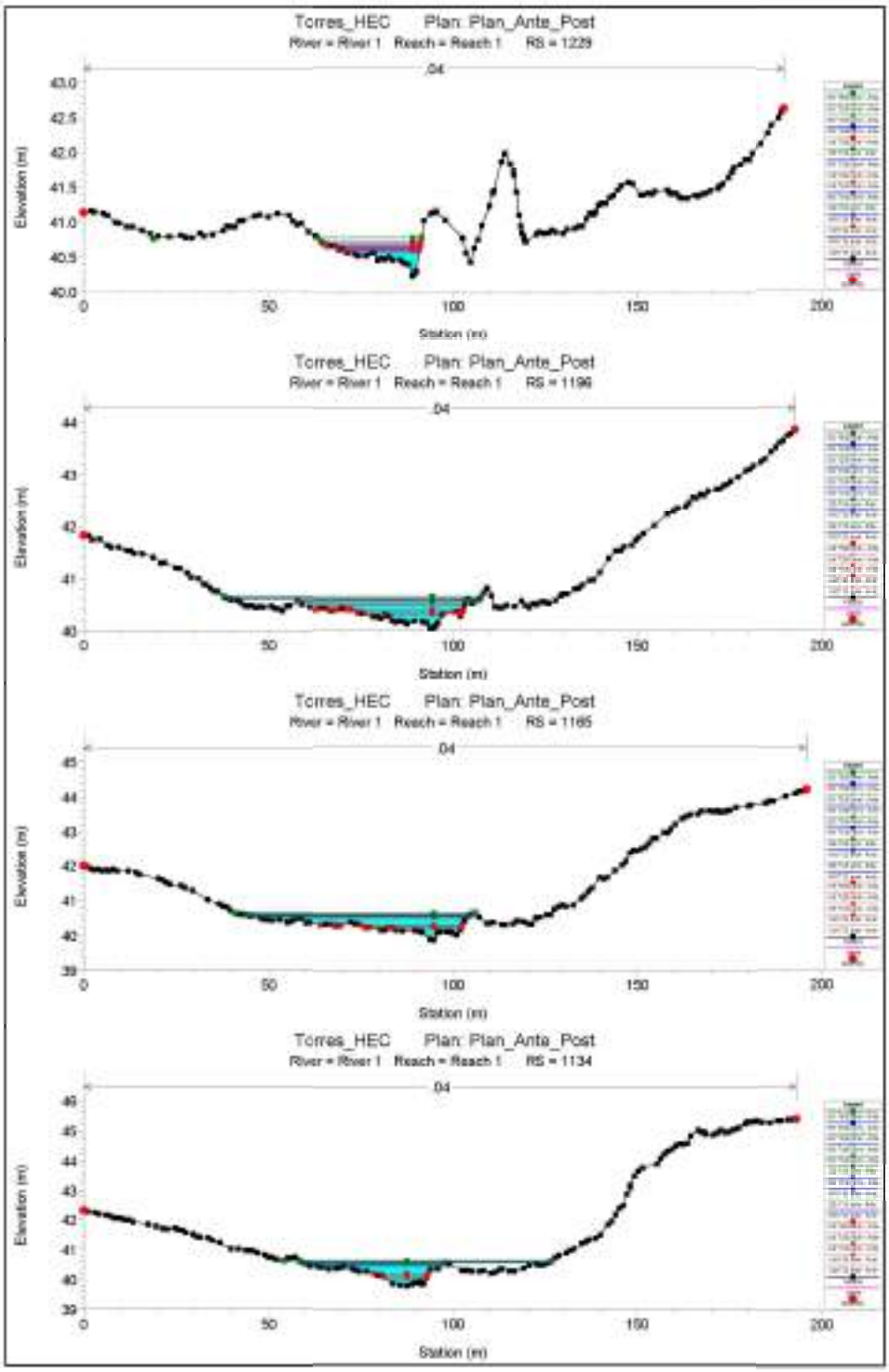
6.4 Sezioni trasversali - Ante Operam

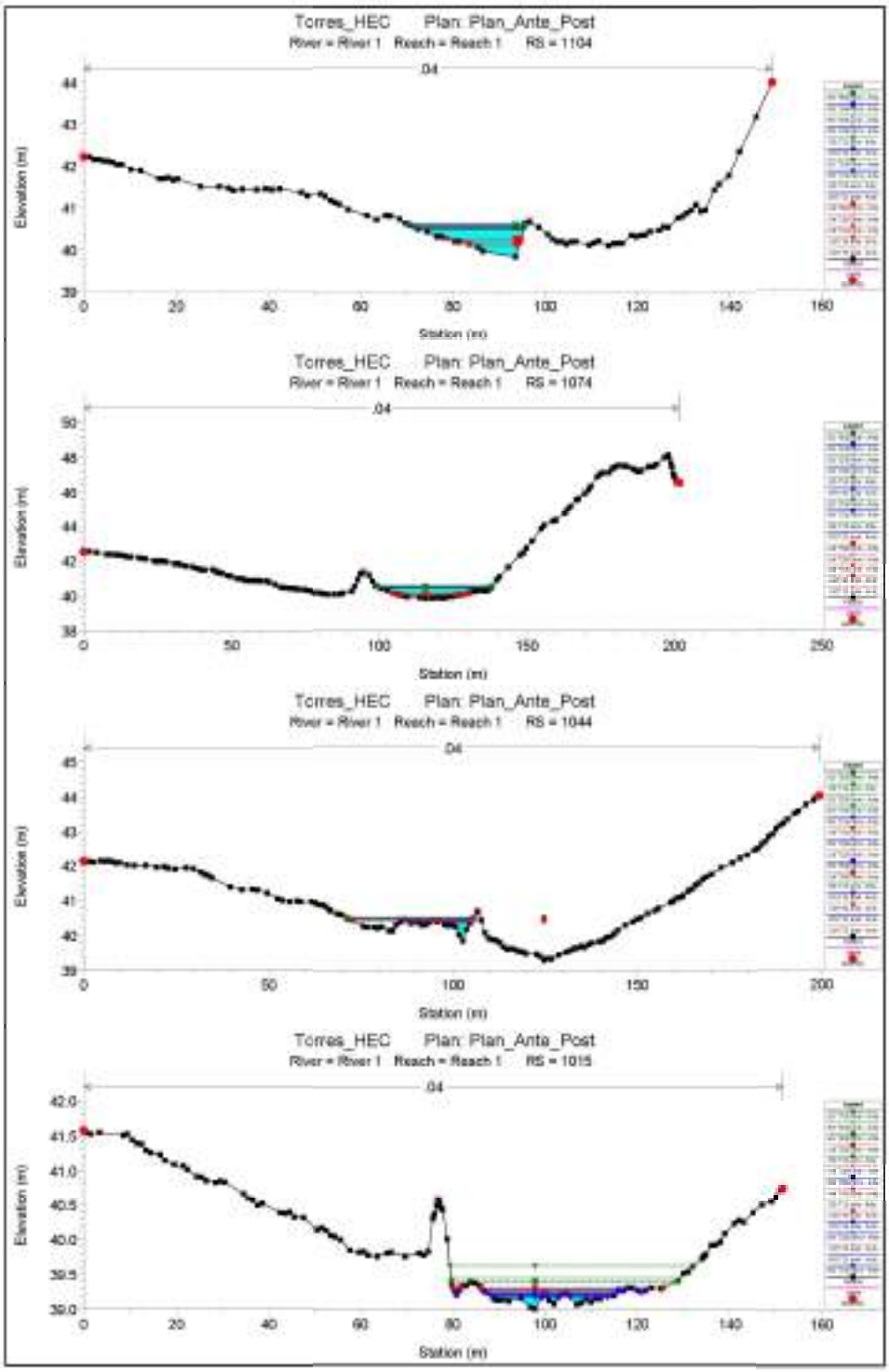


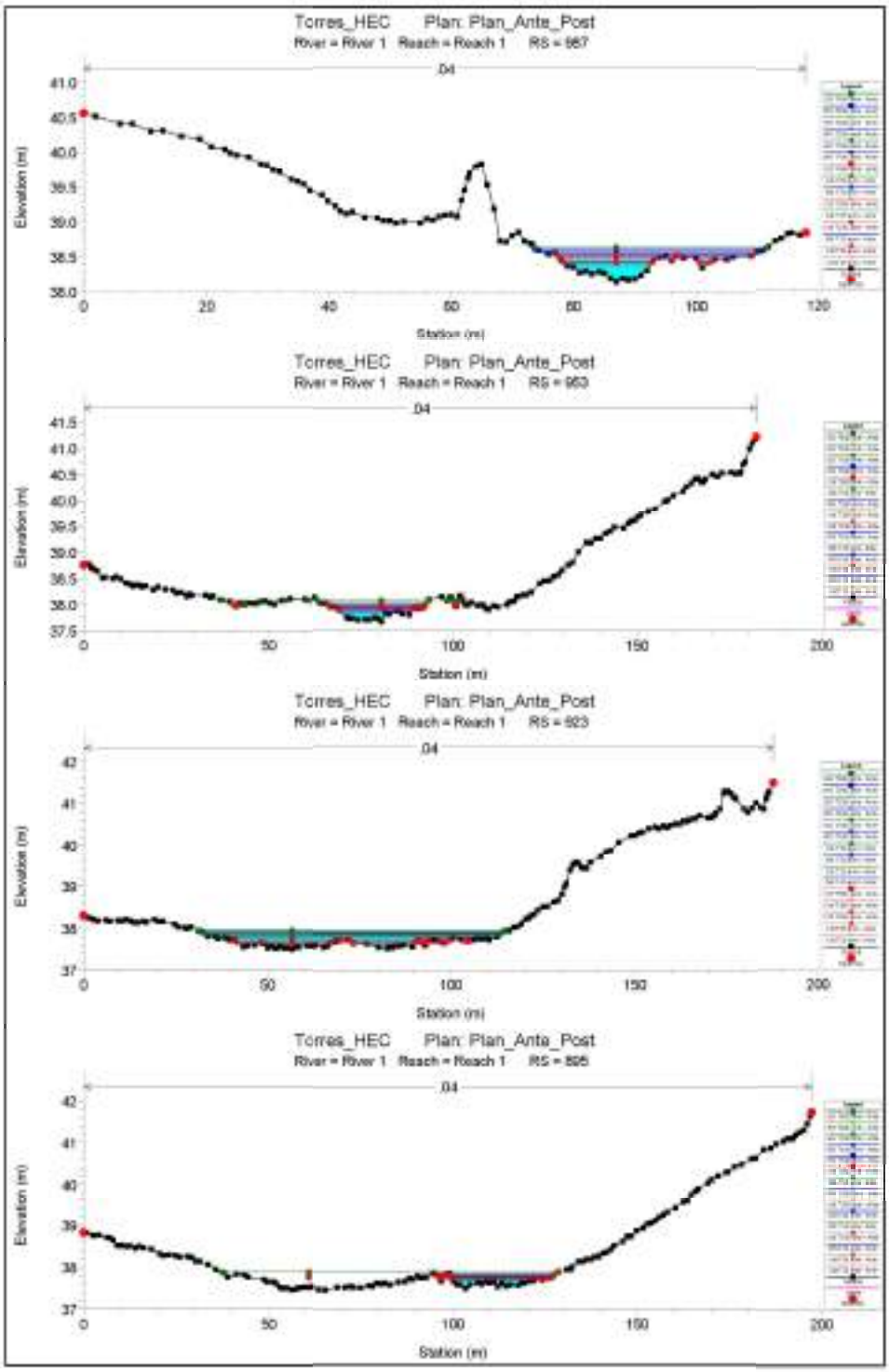


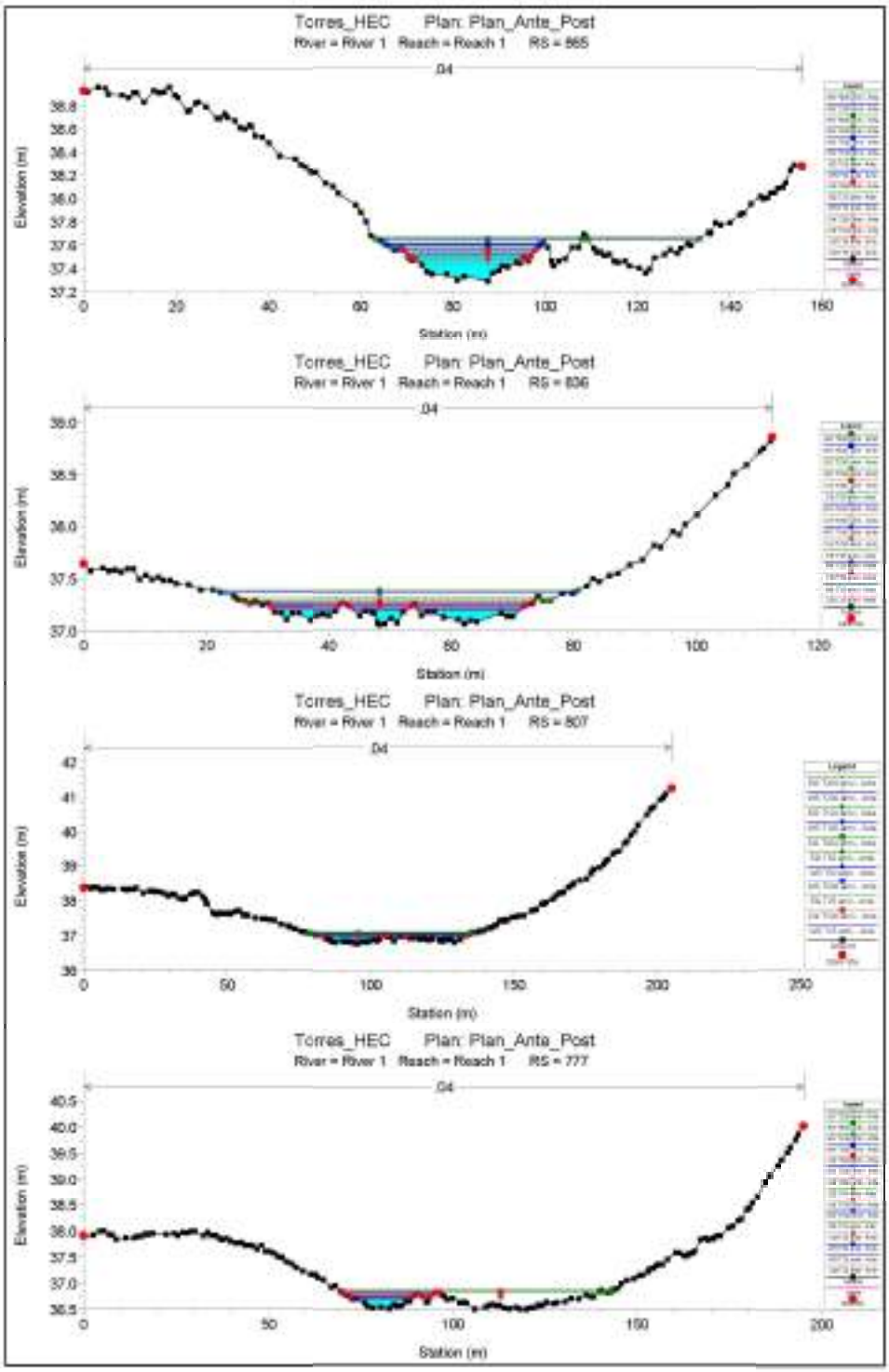


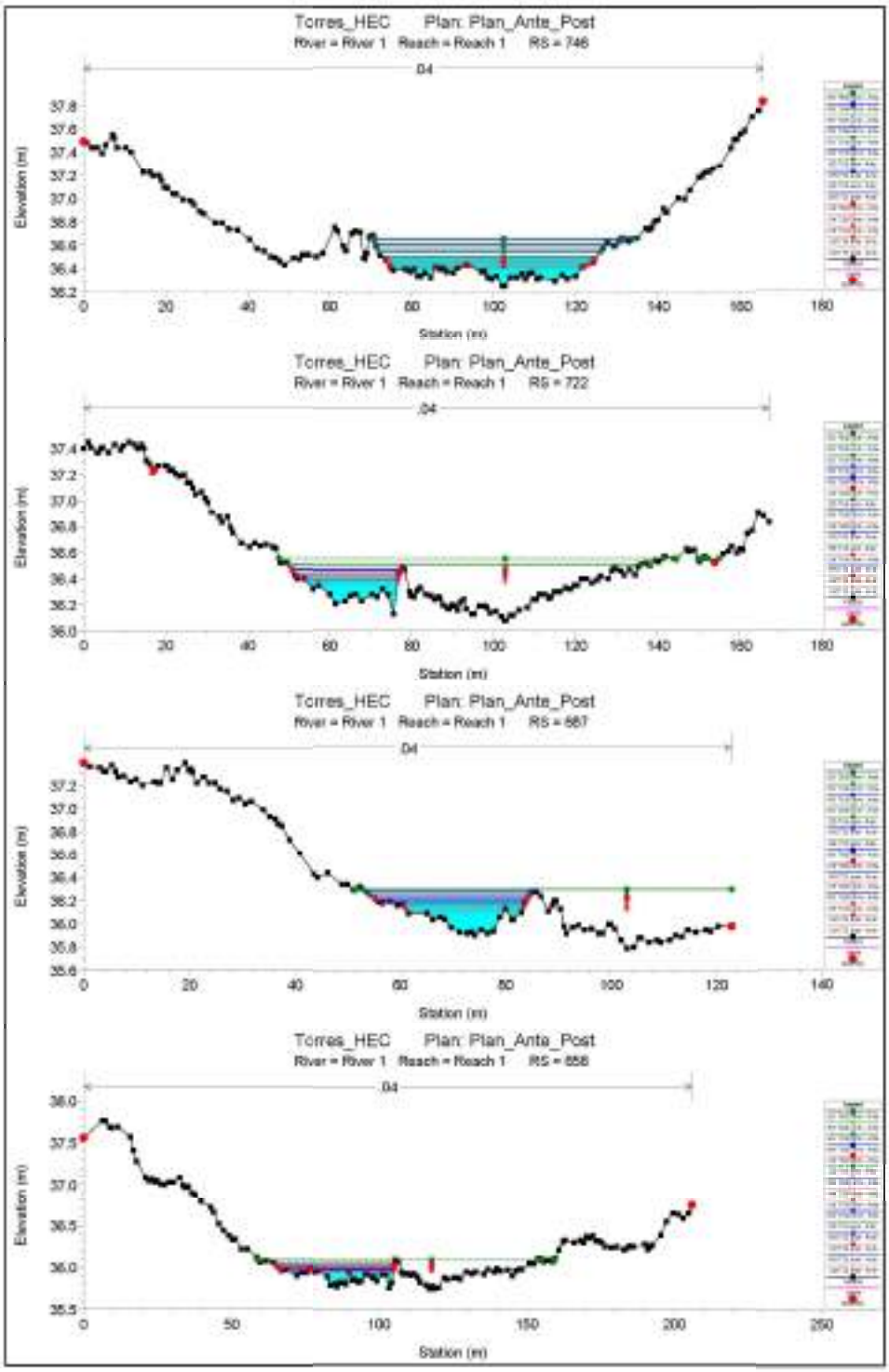


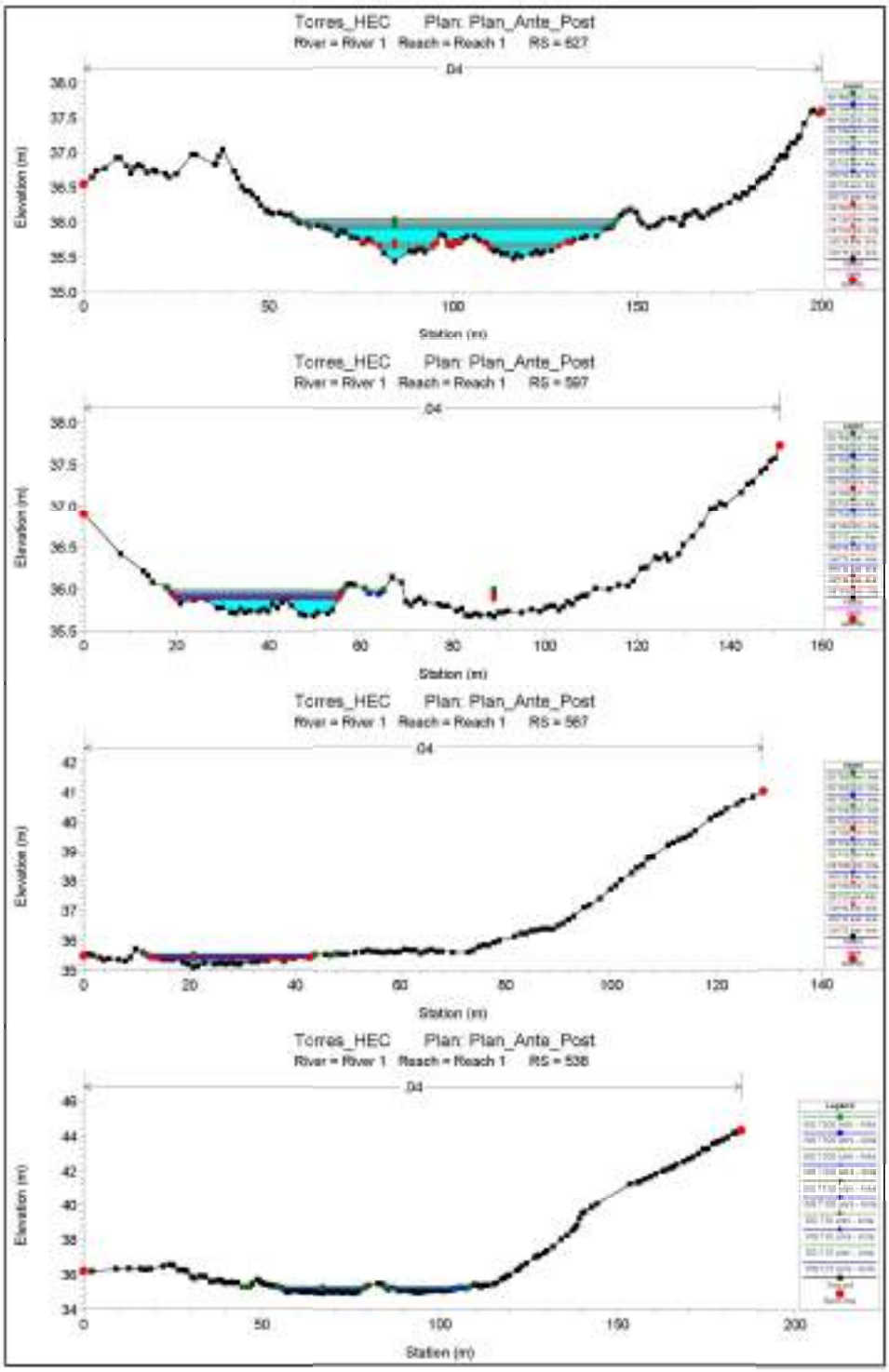


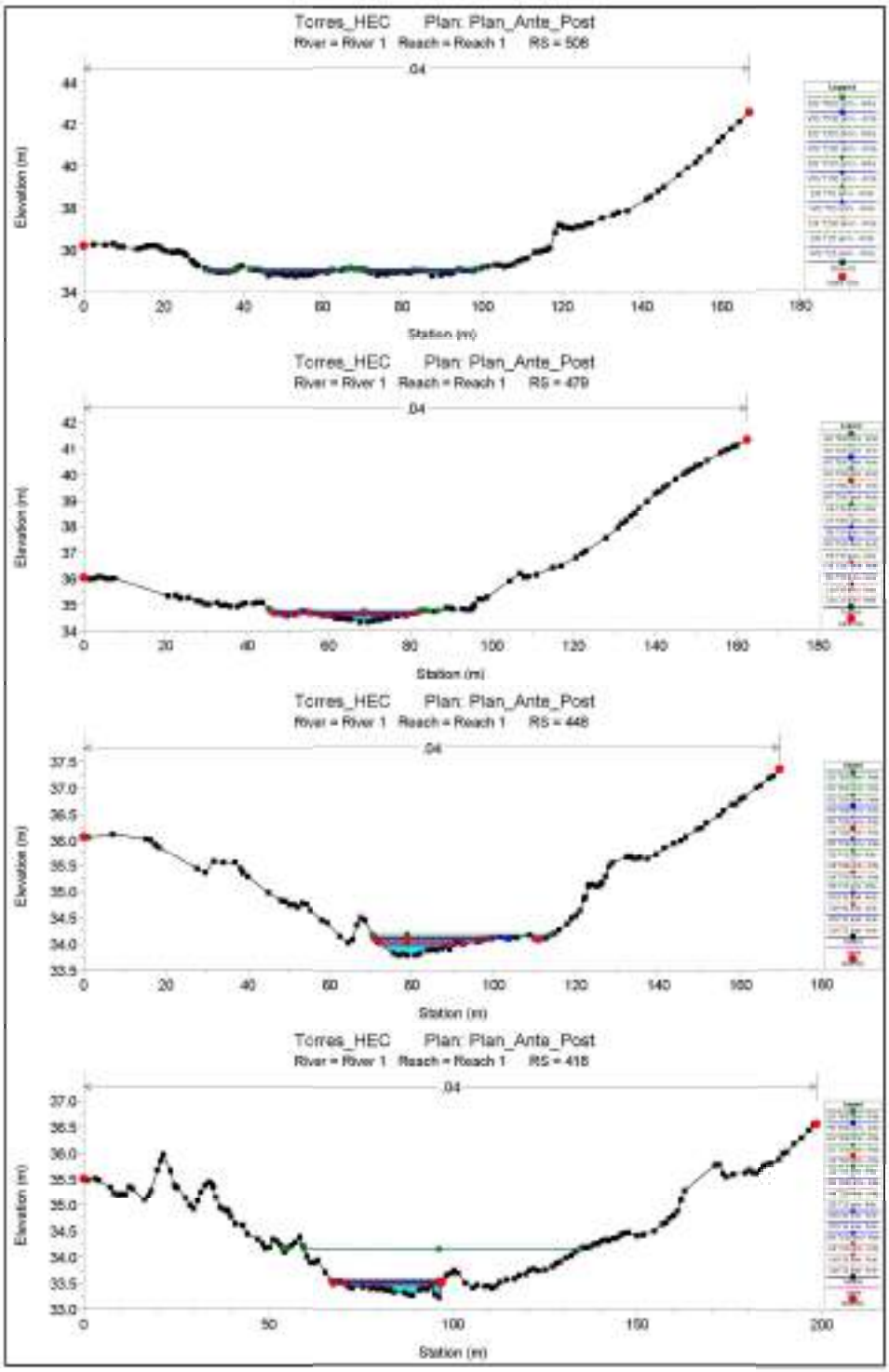


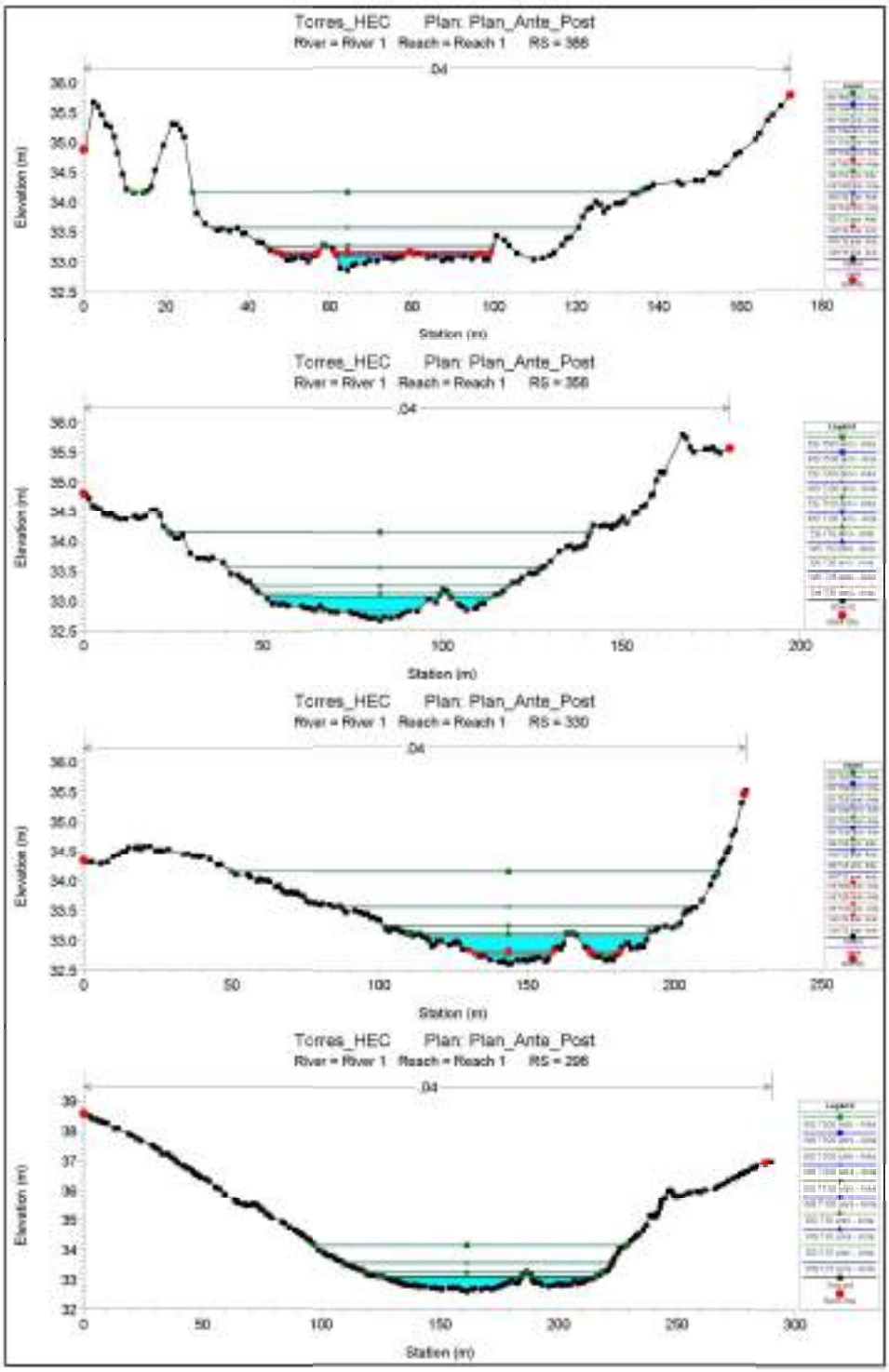


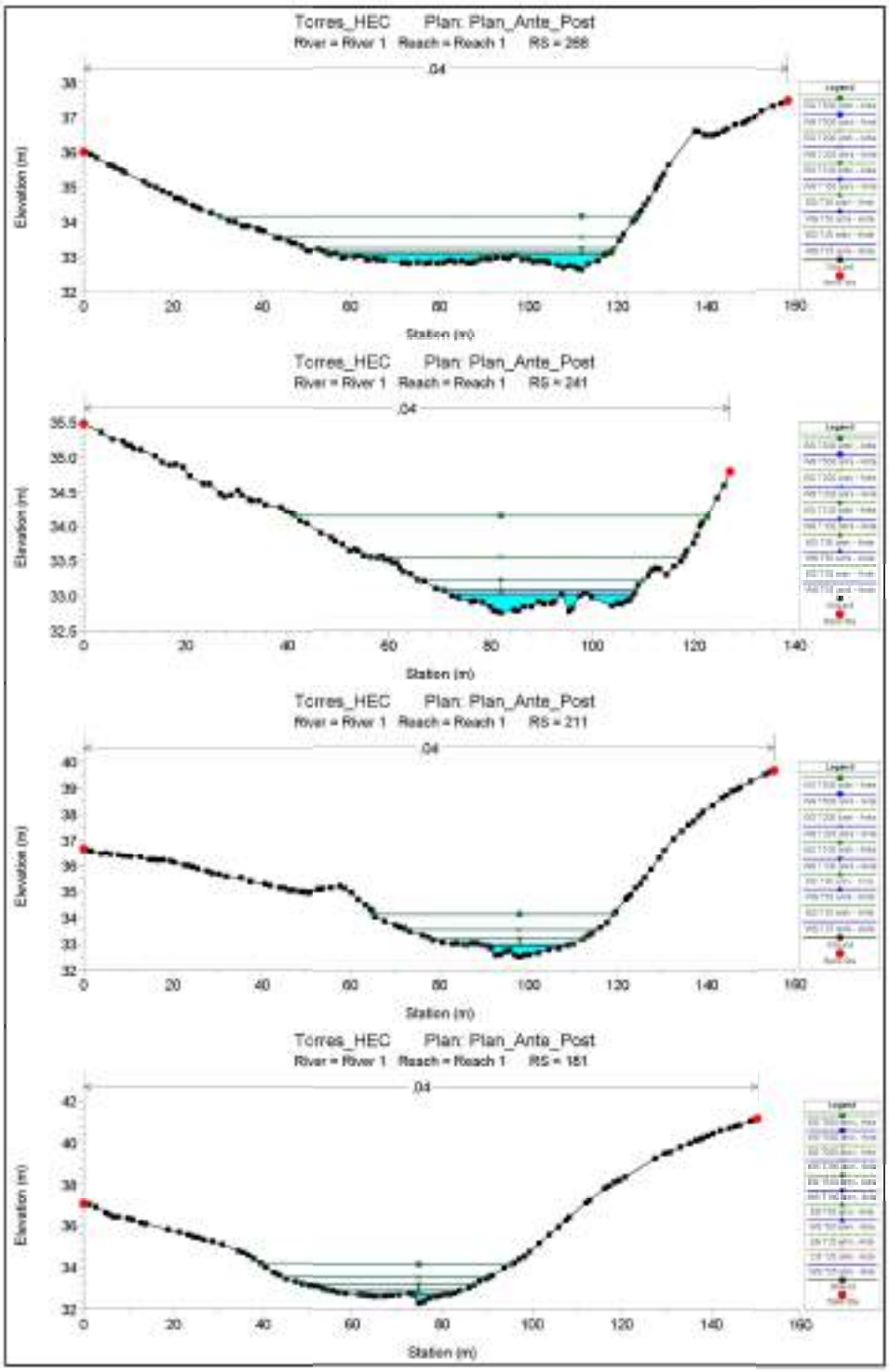


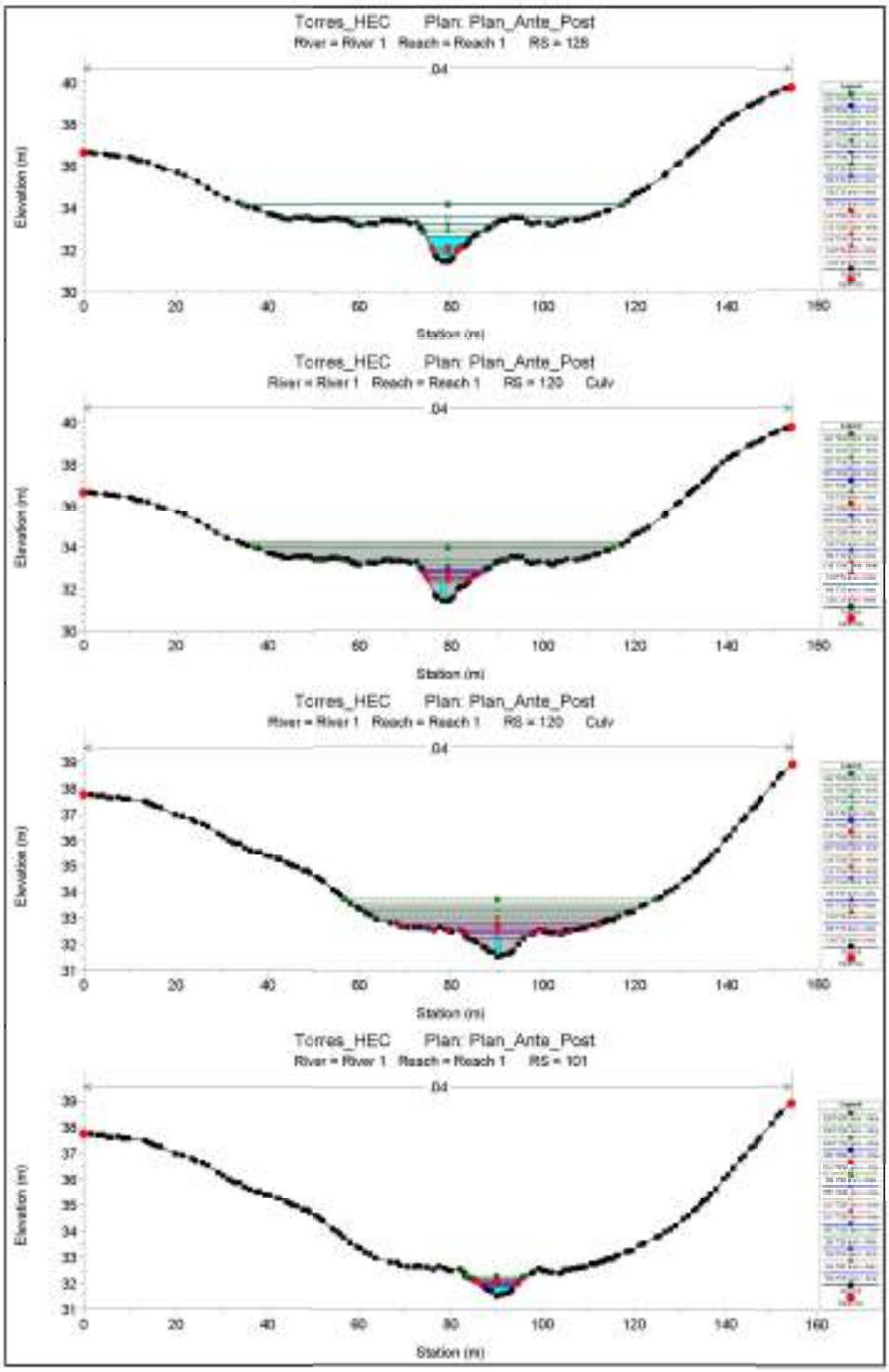


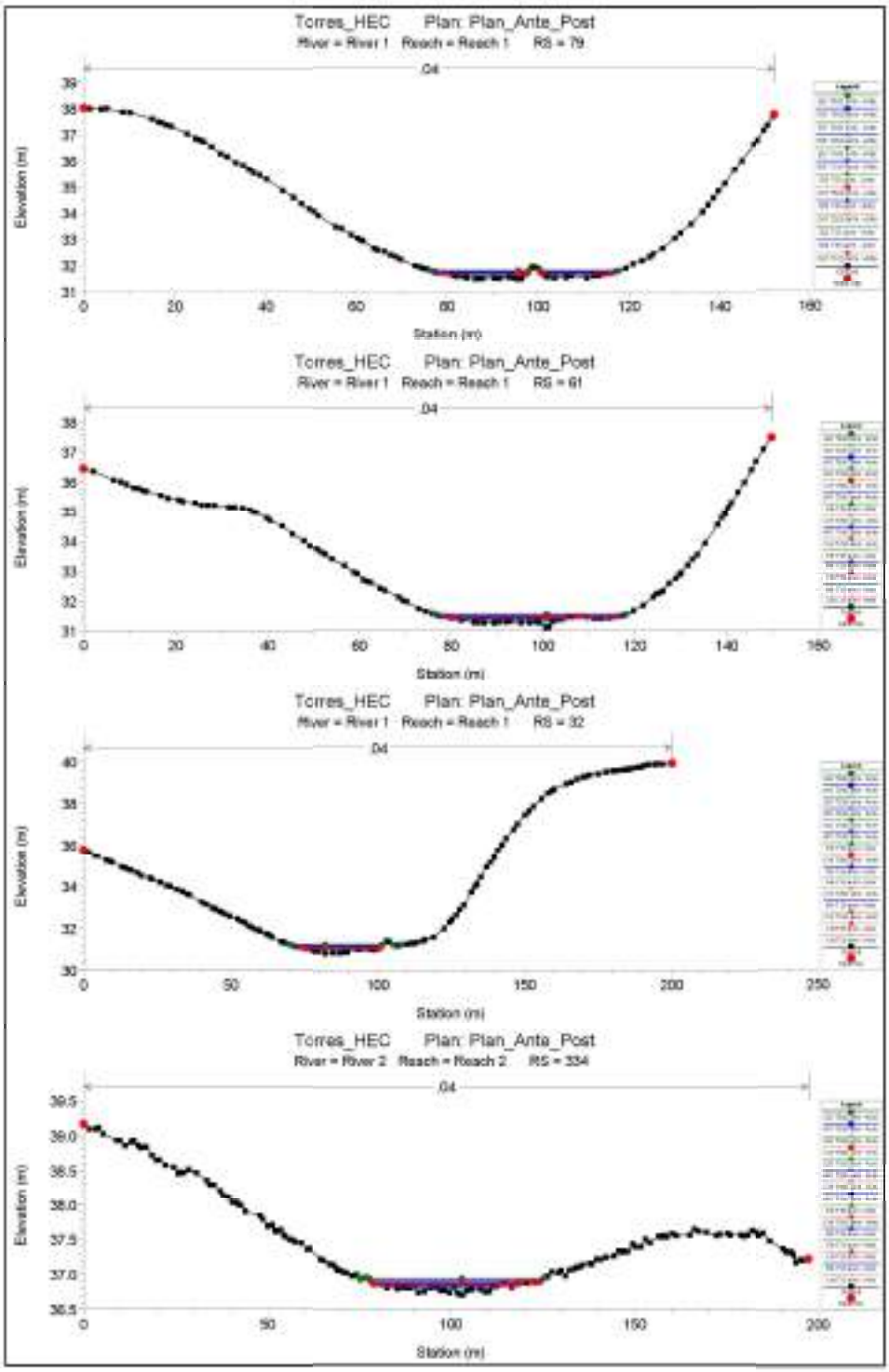


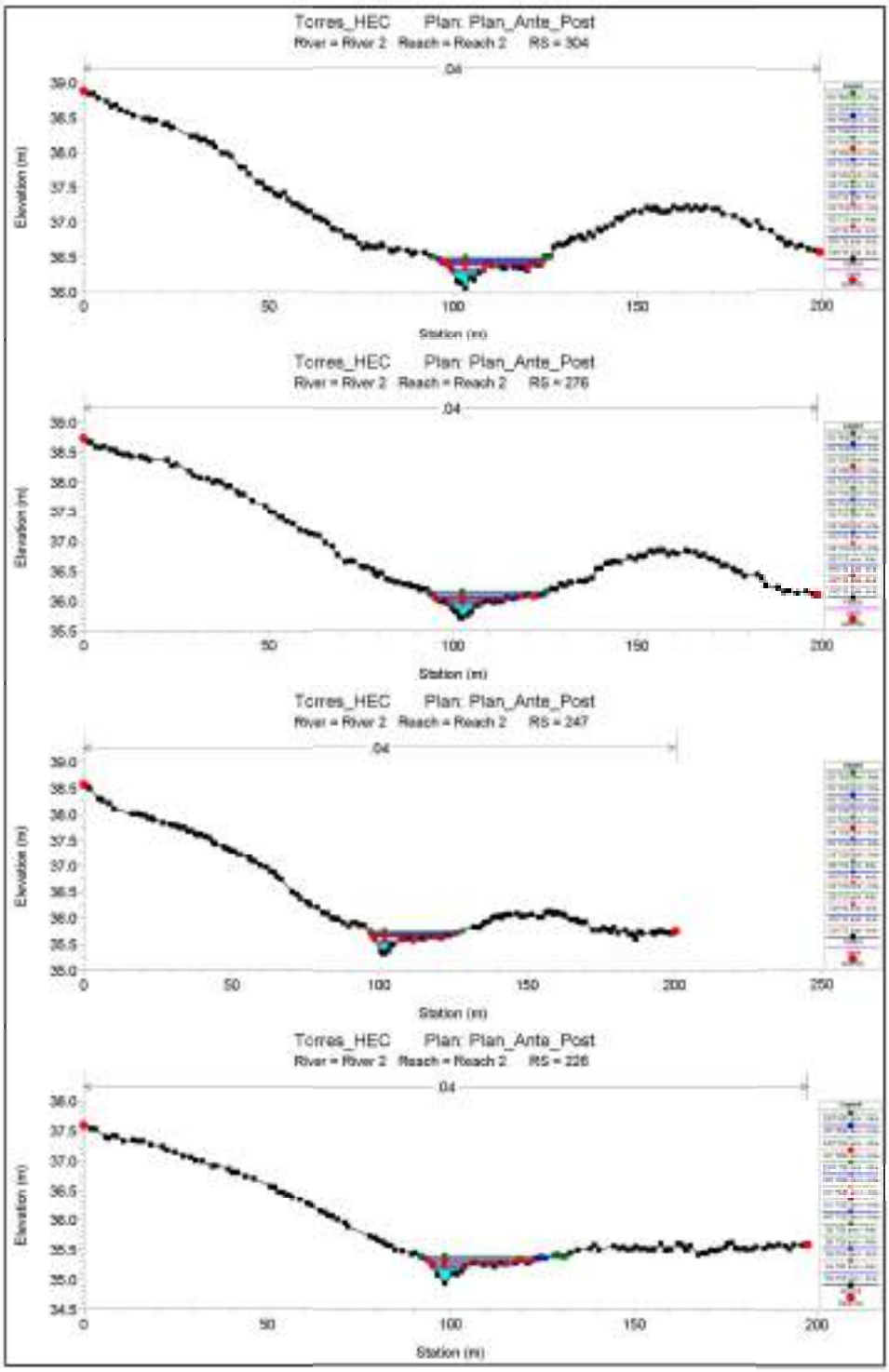


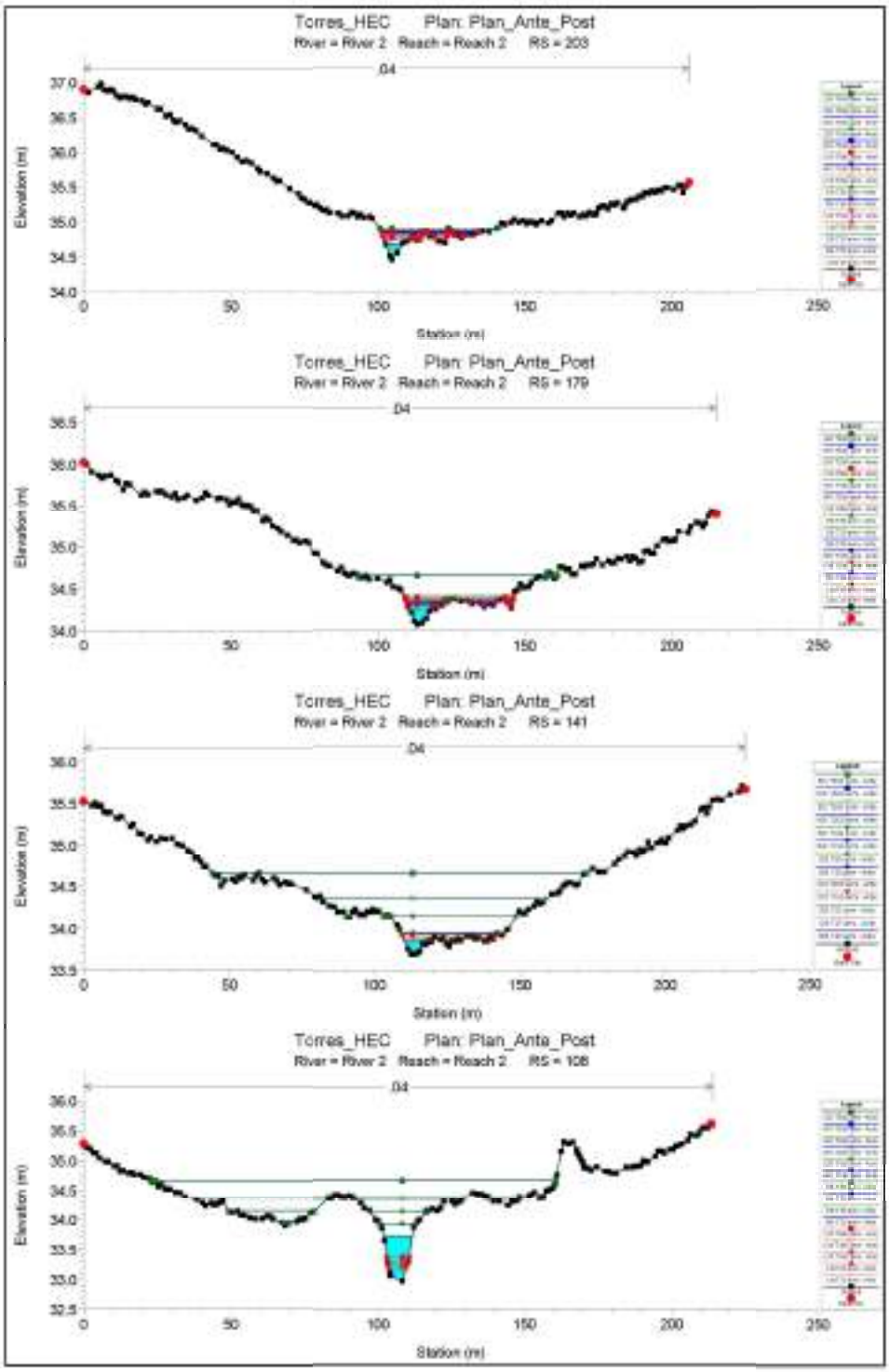


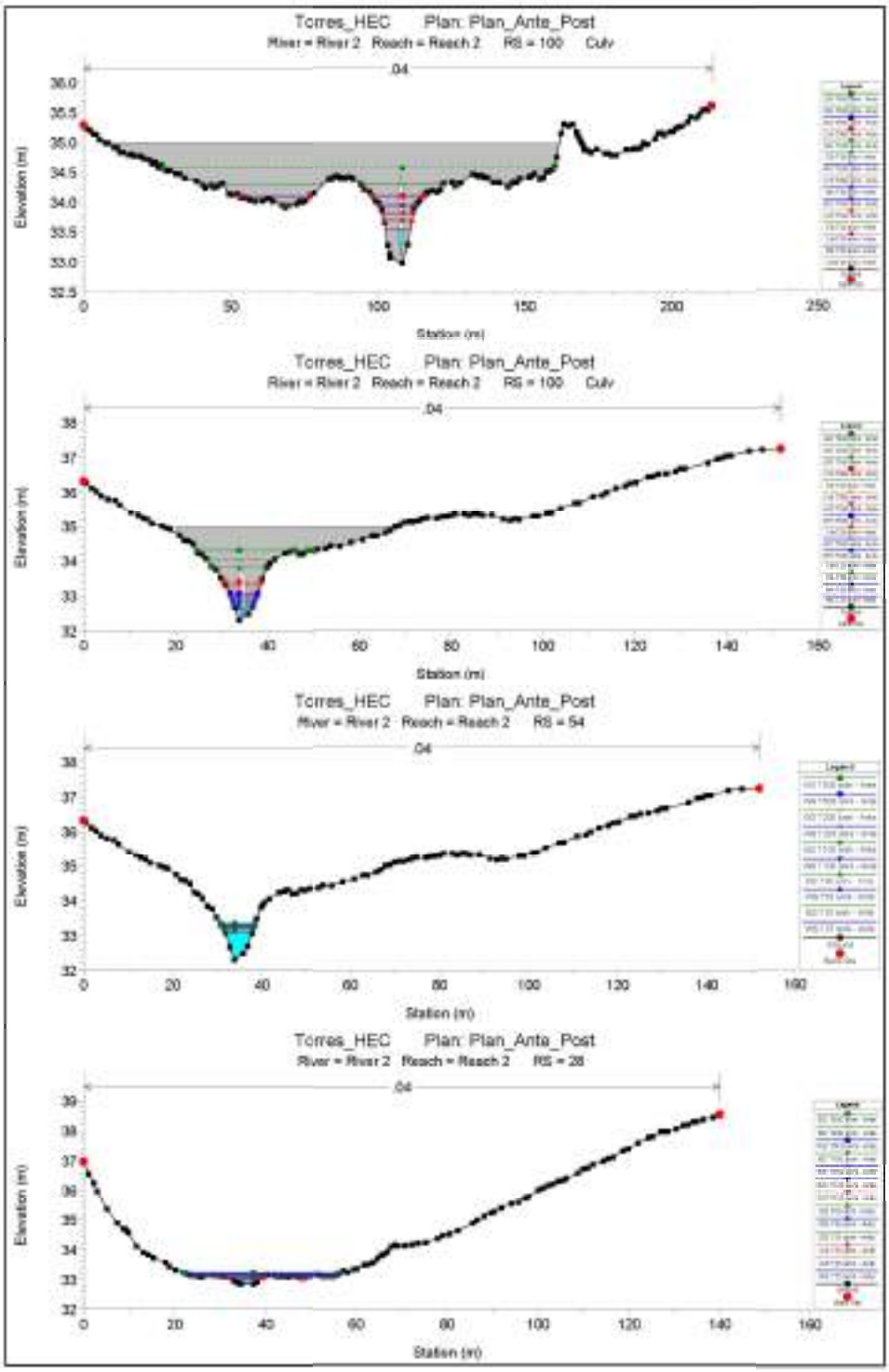


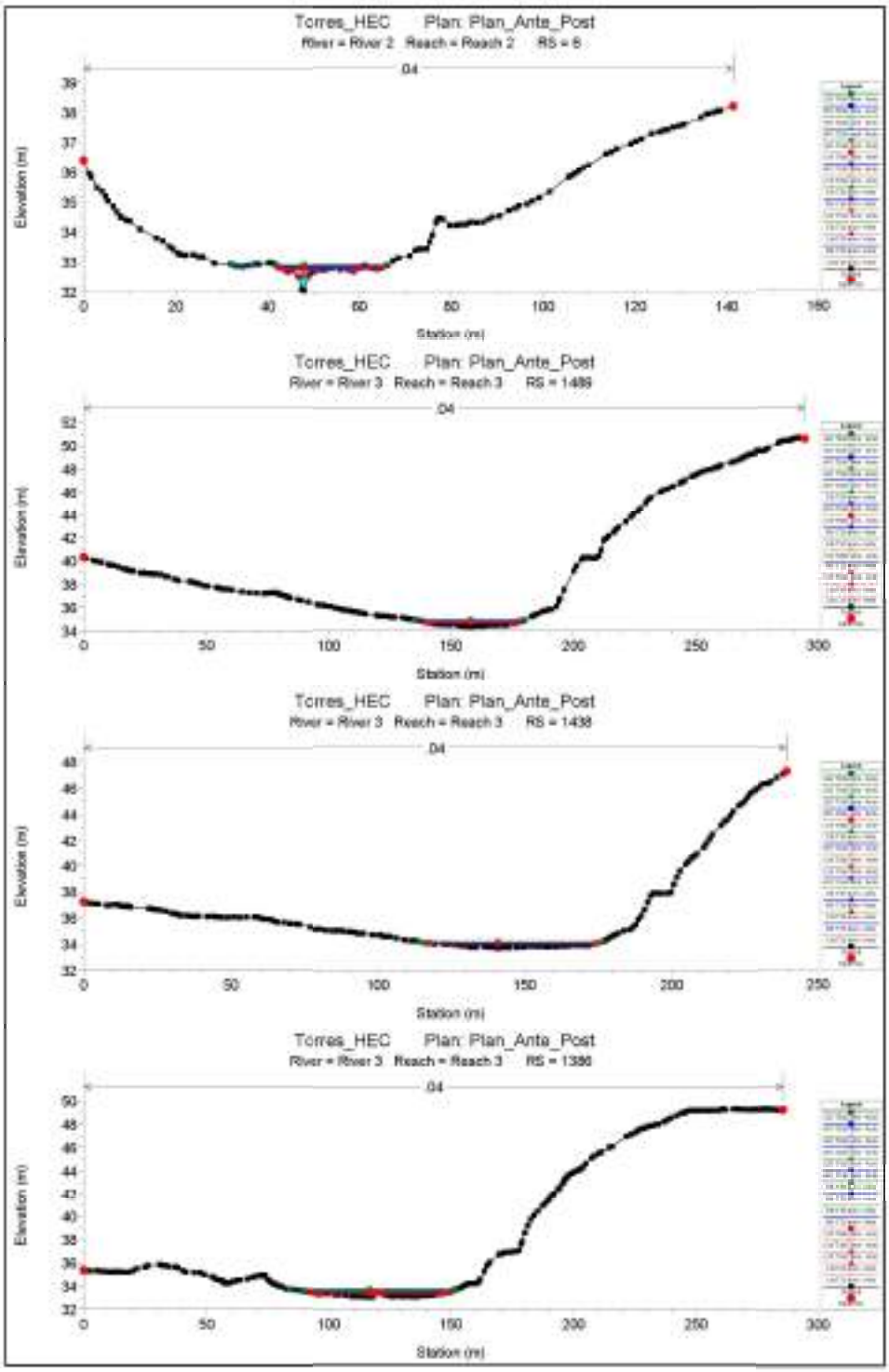


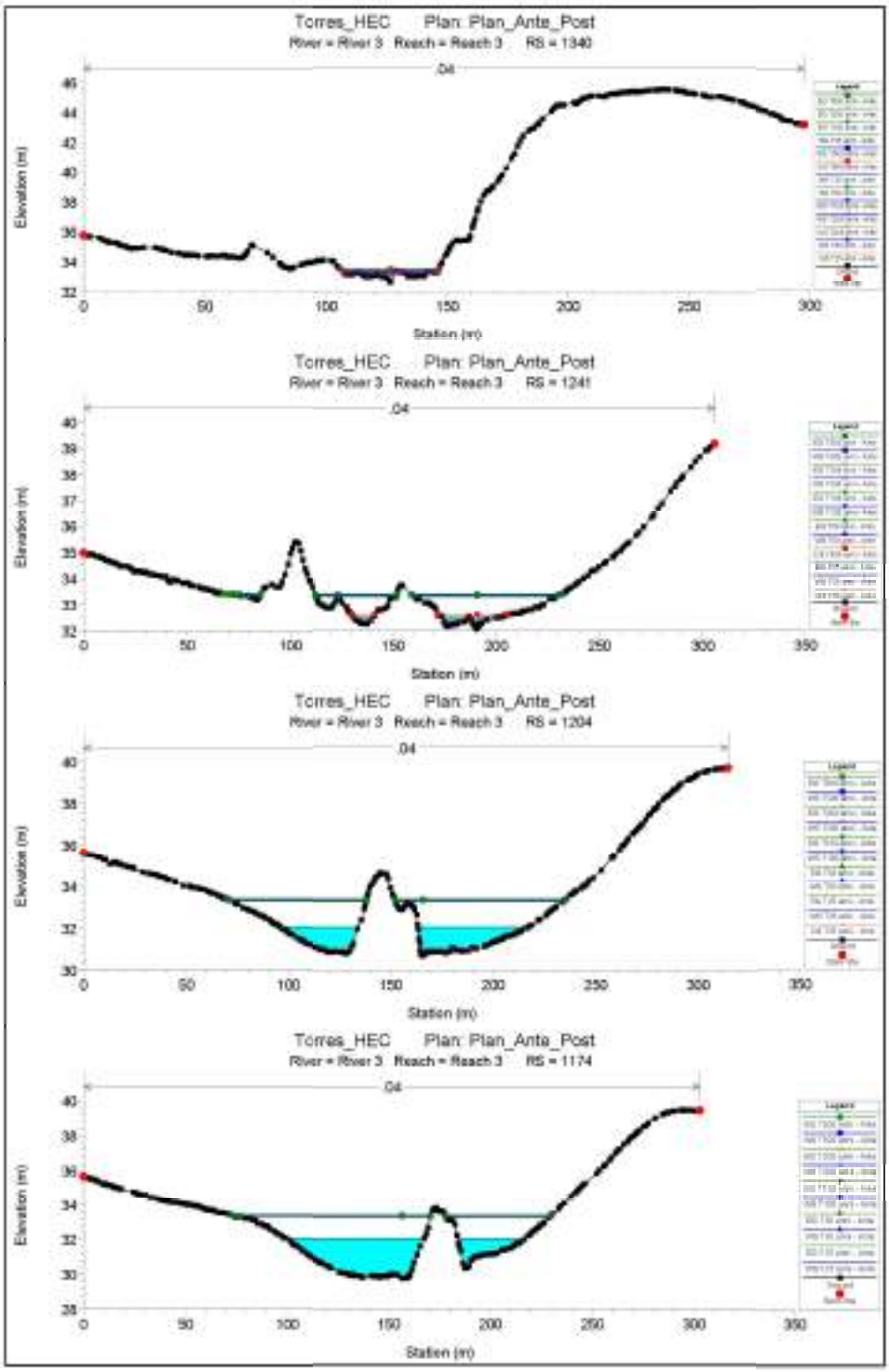


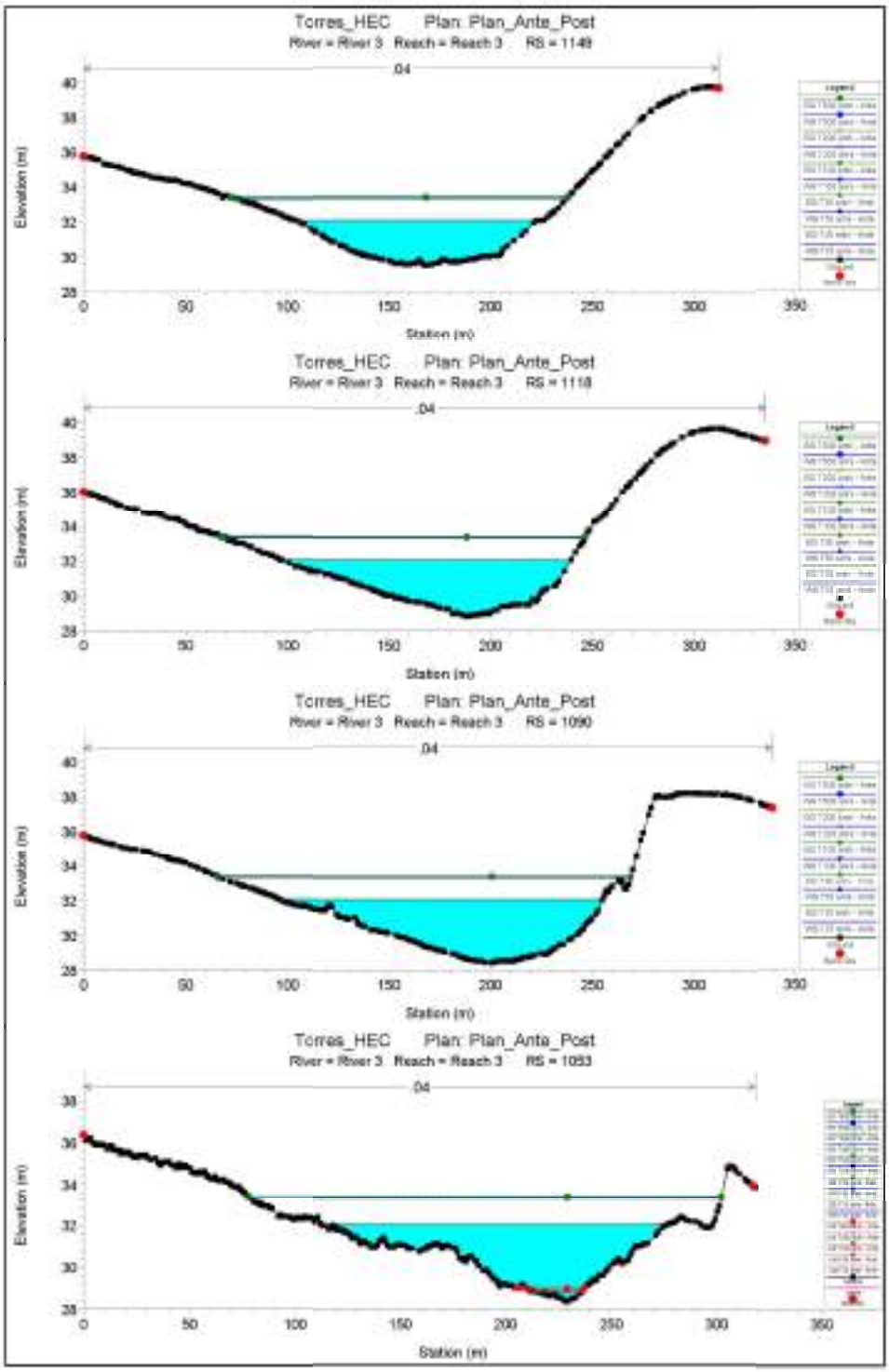


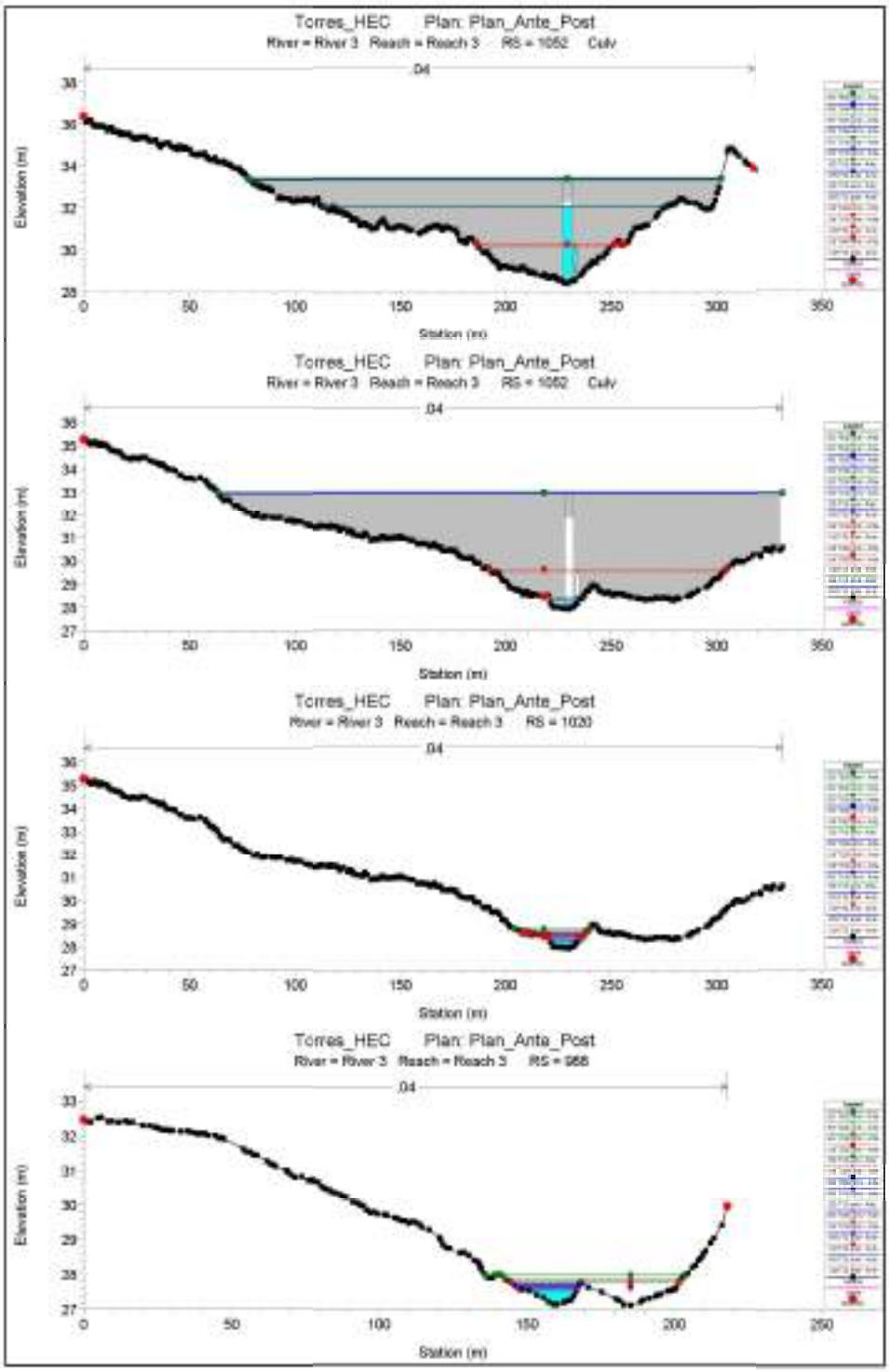


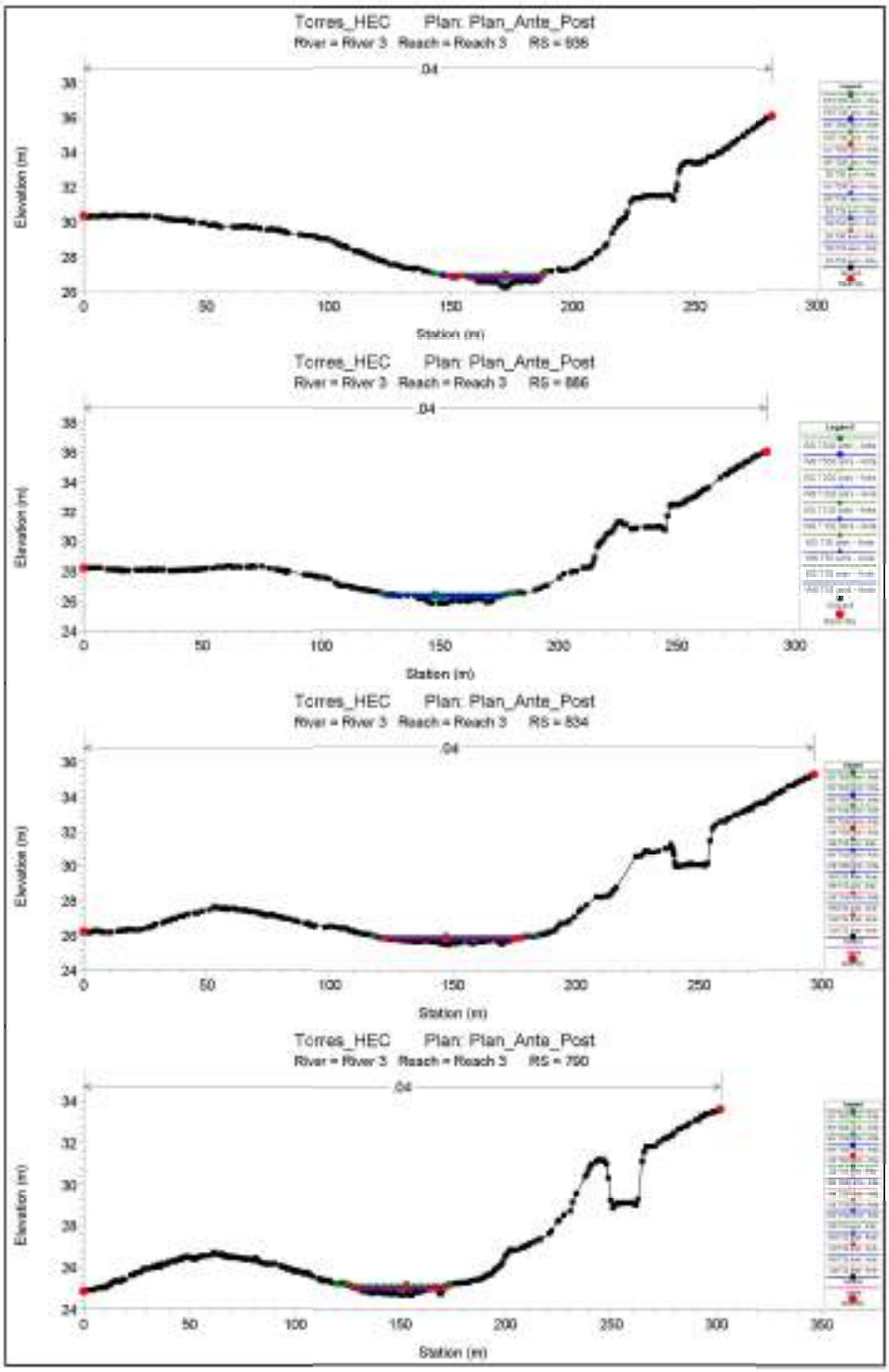


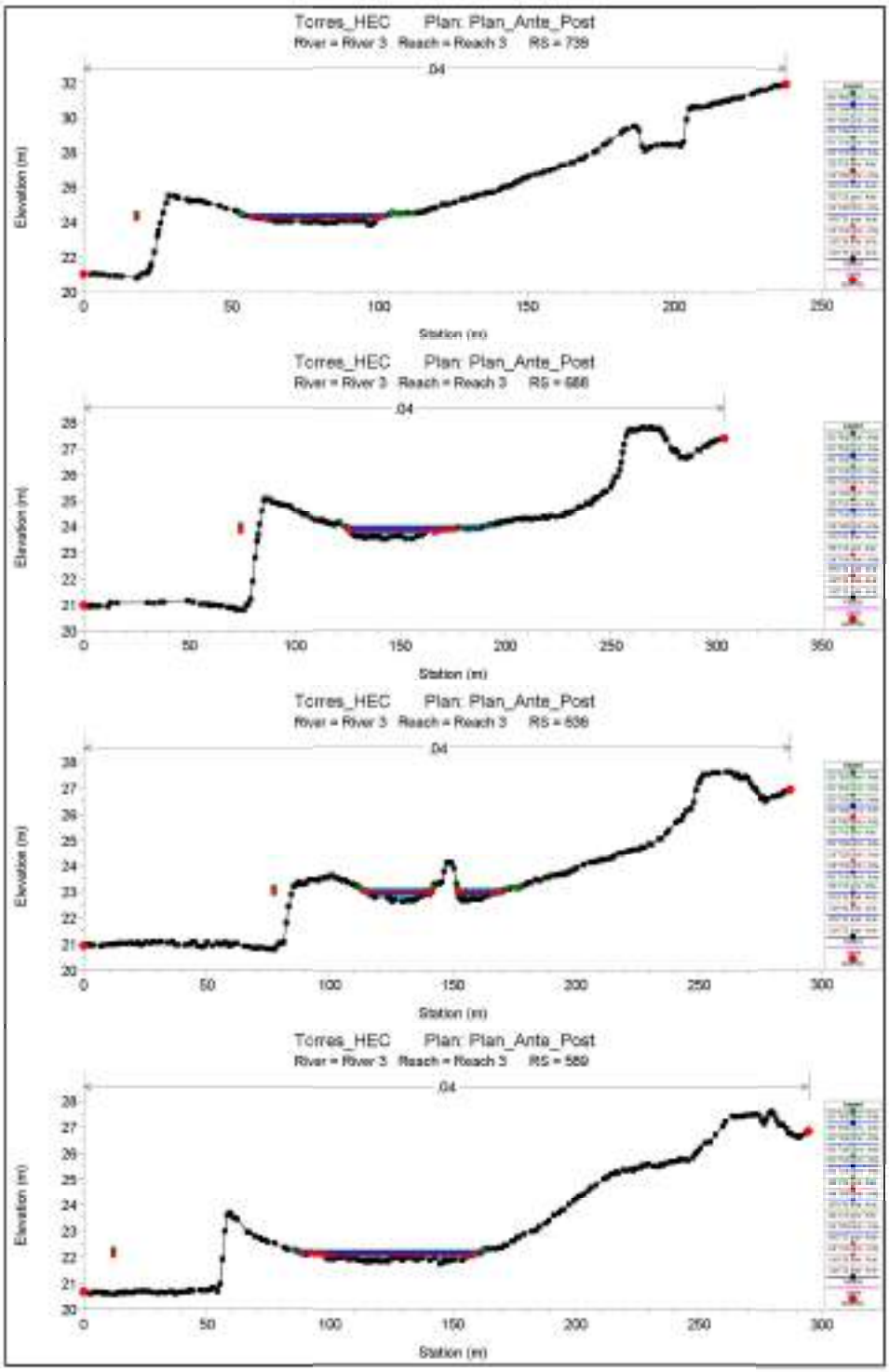


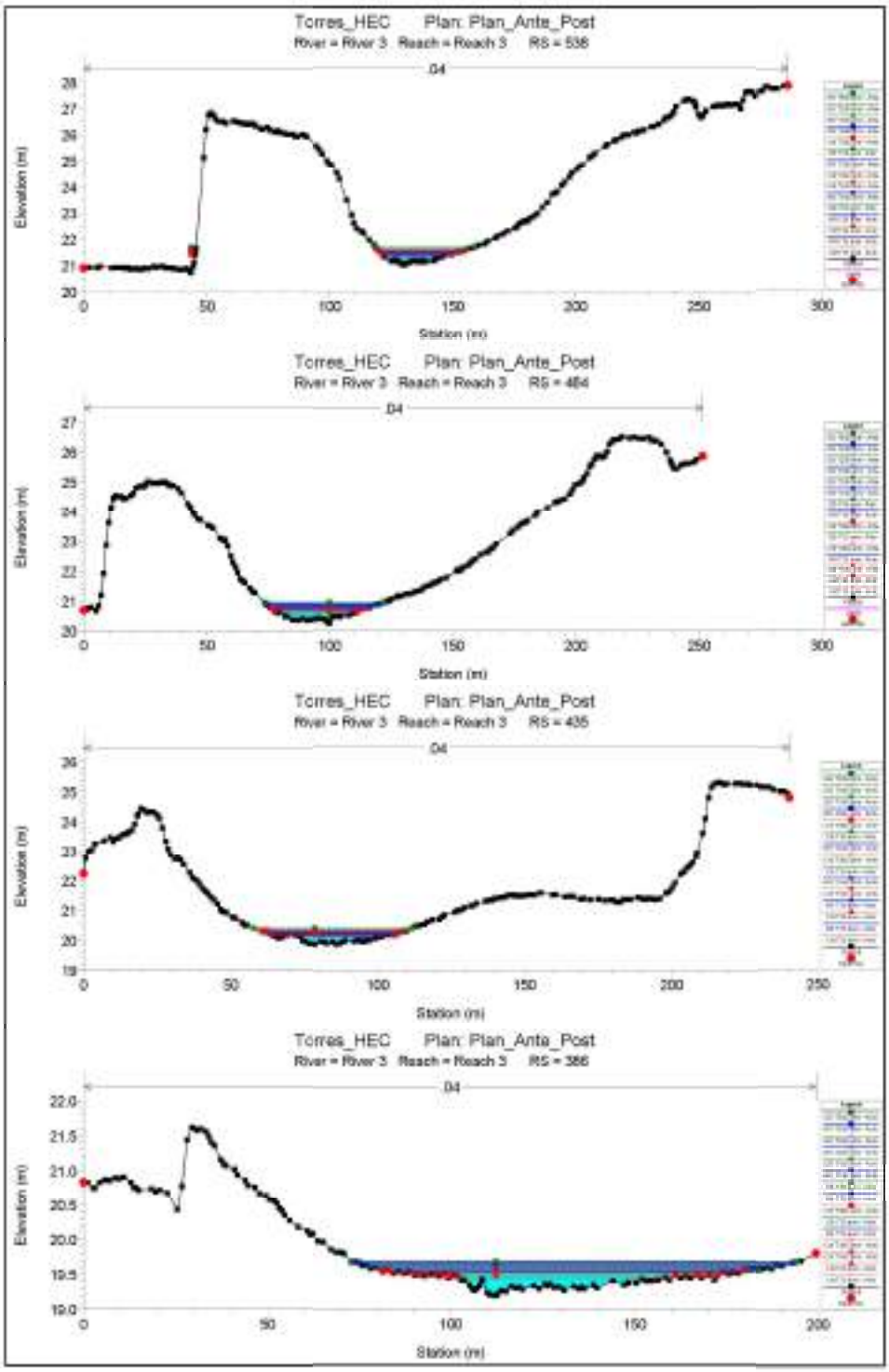


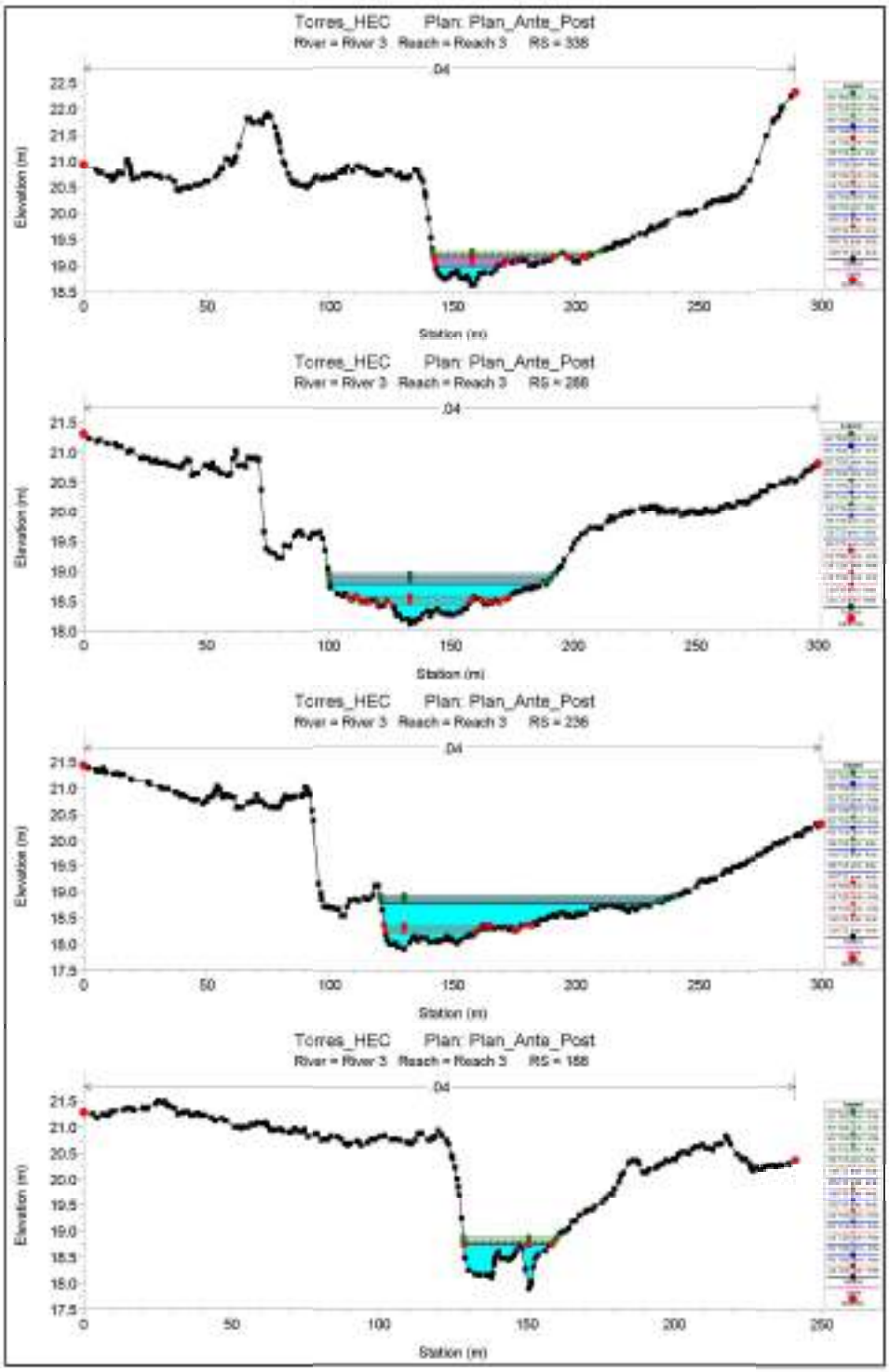


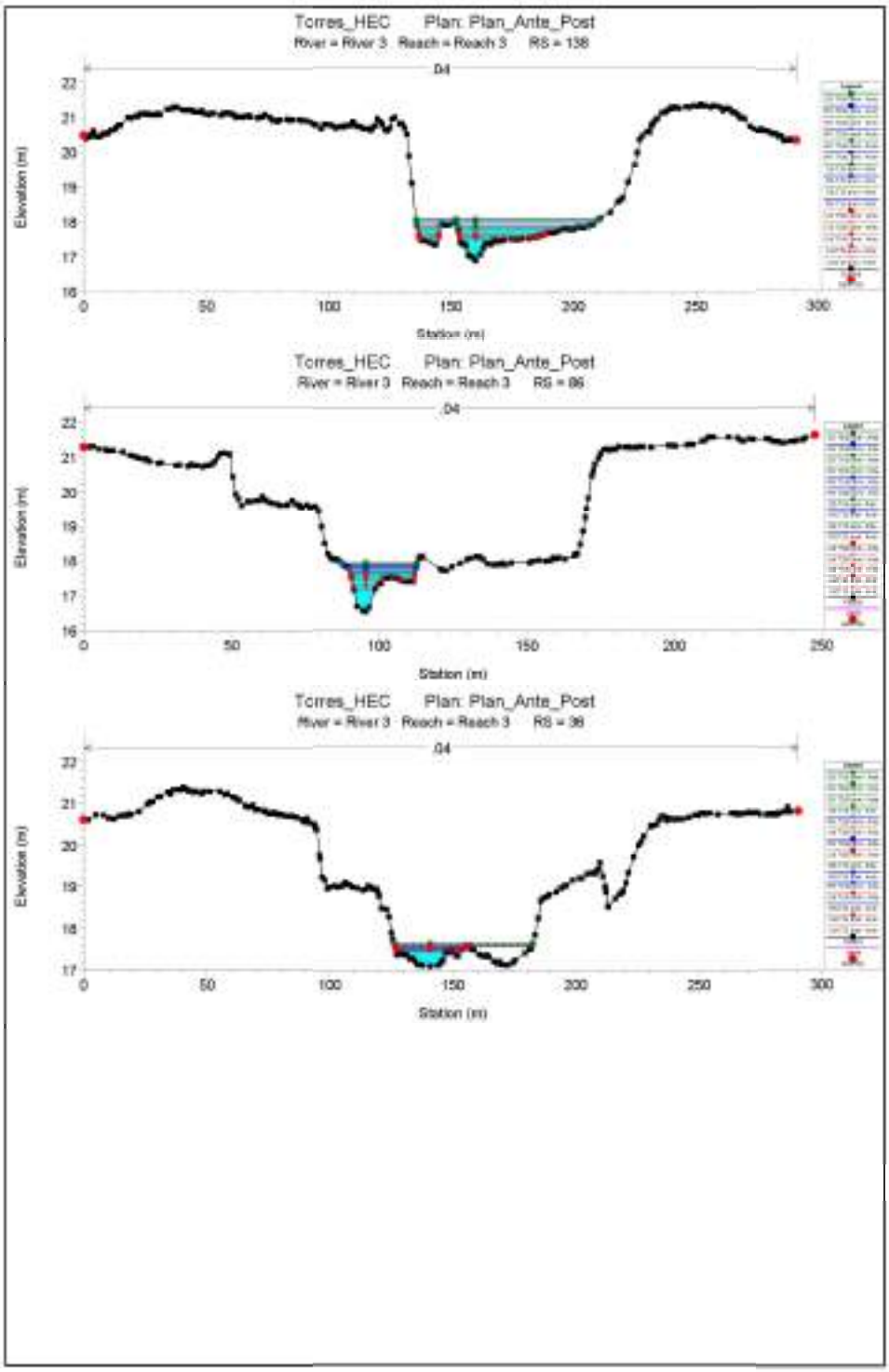




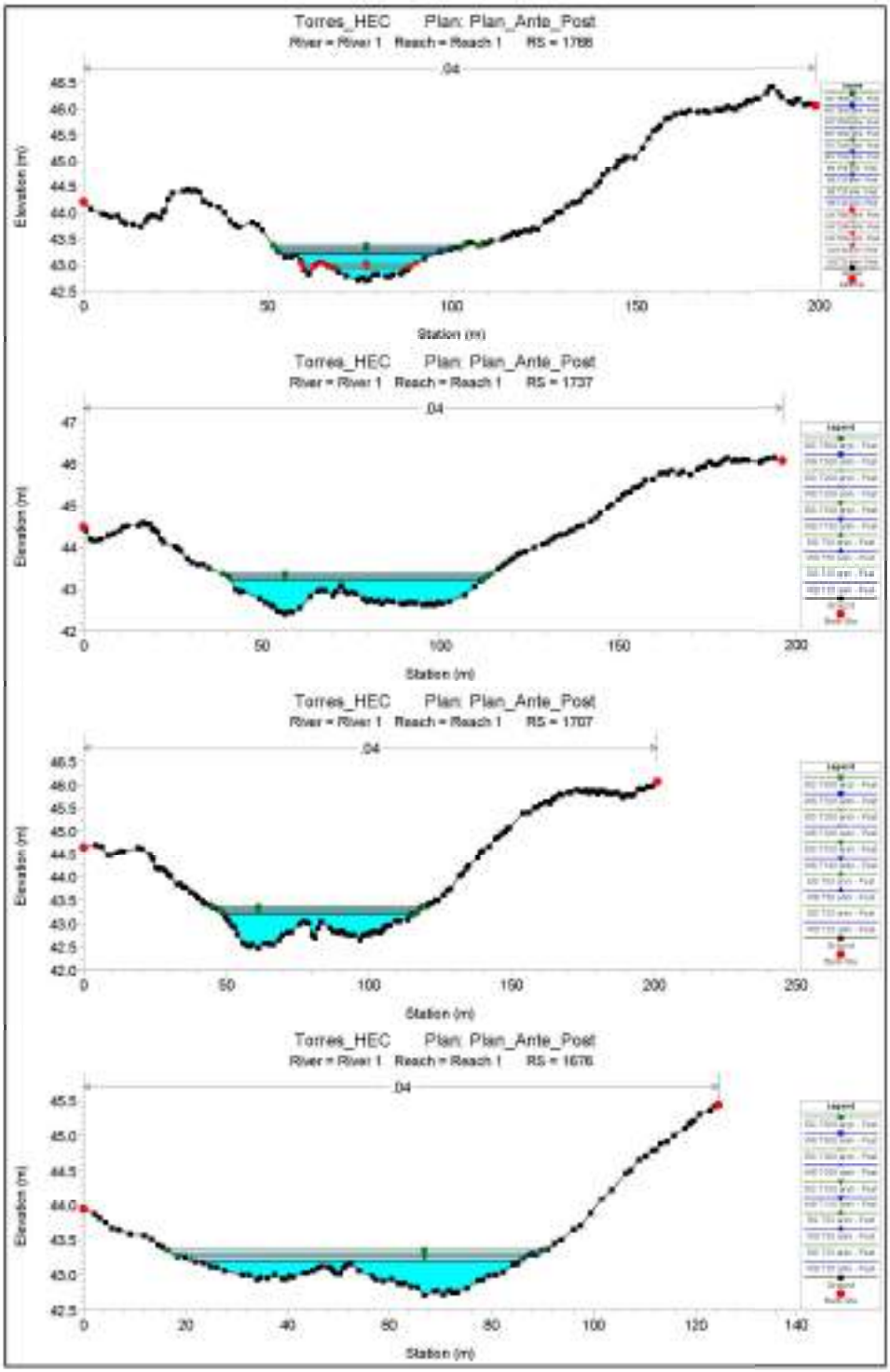


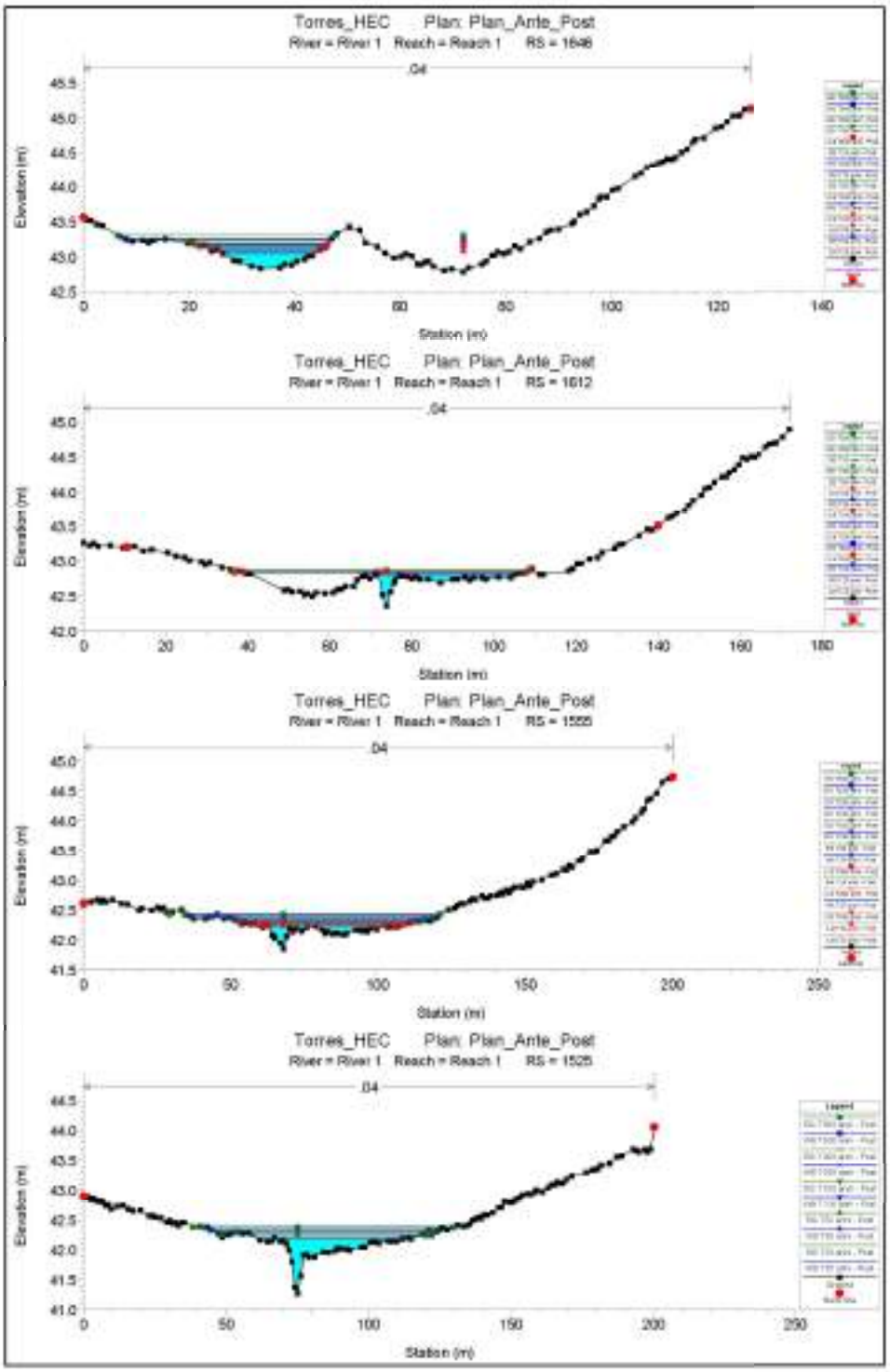


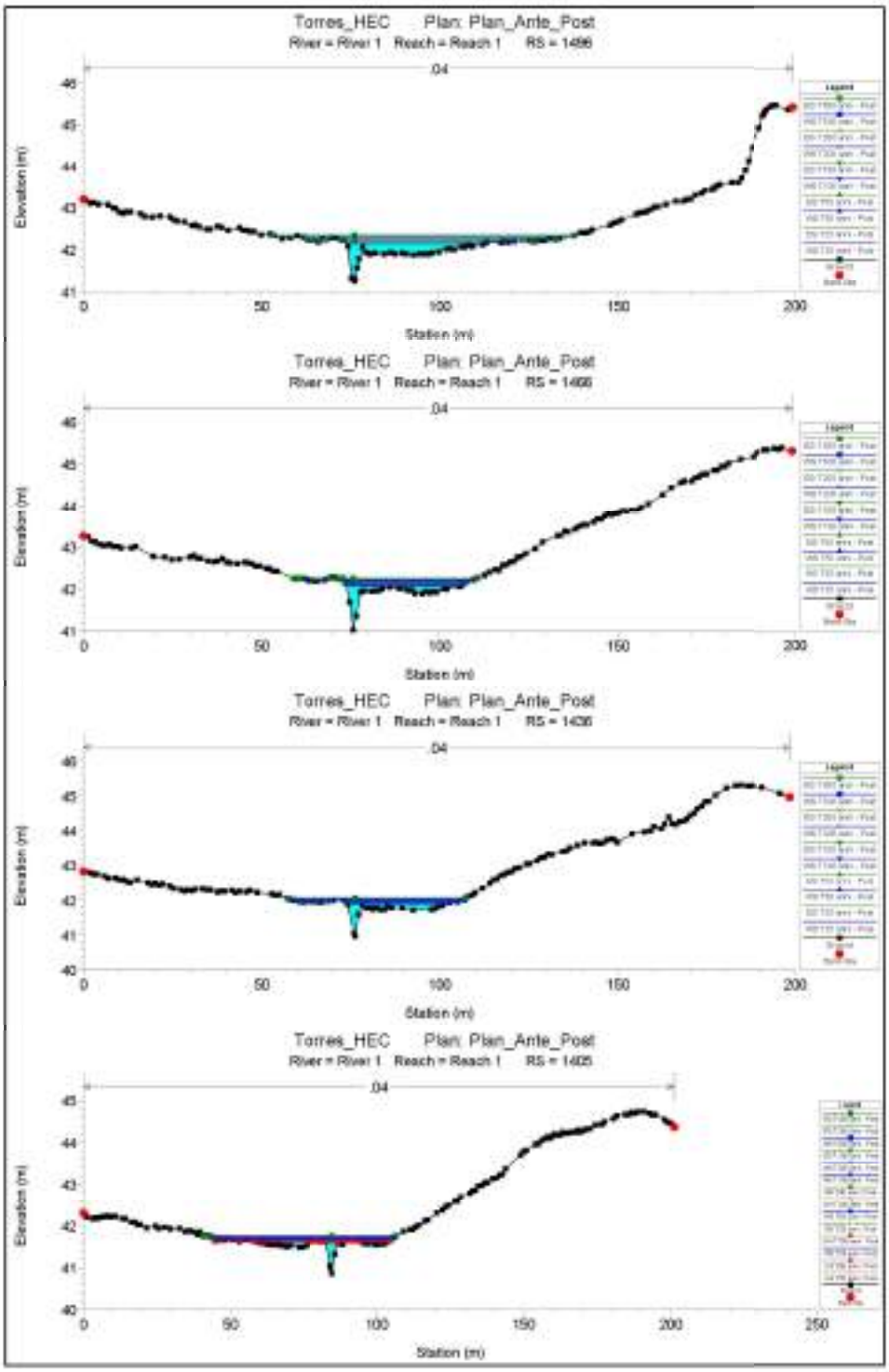


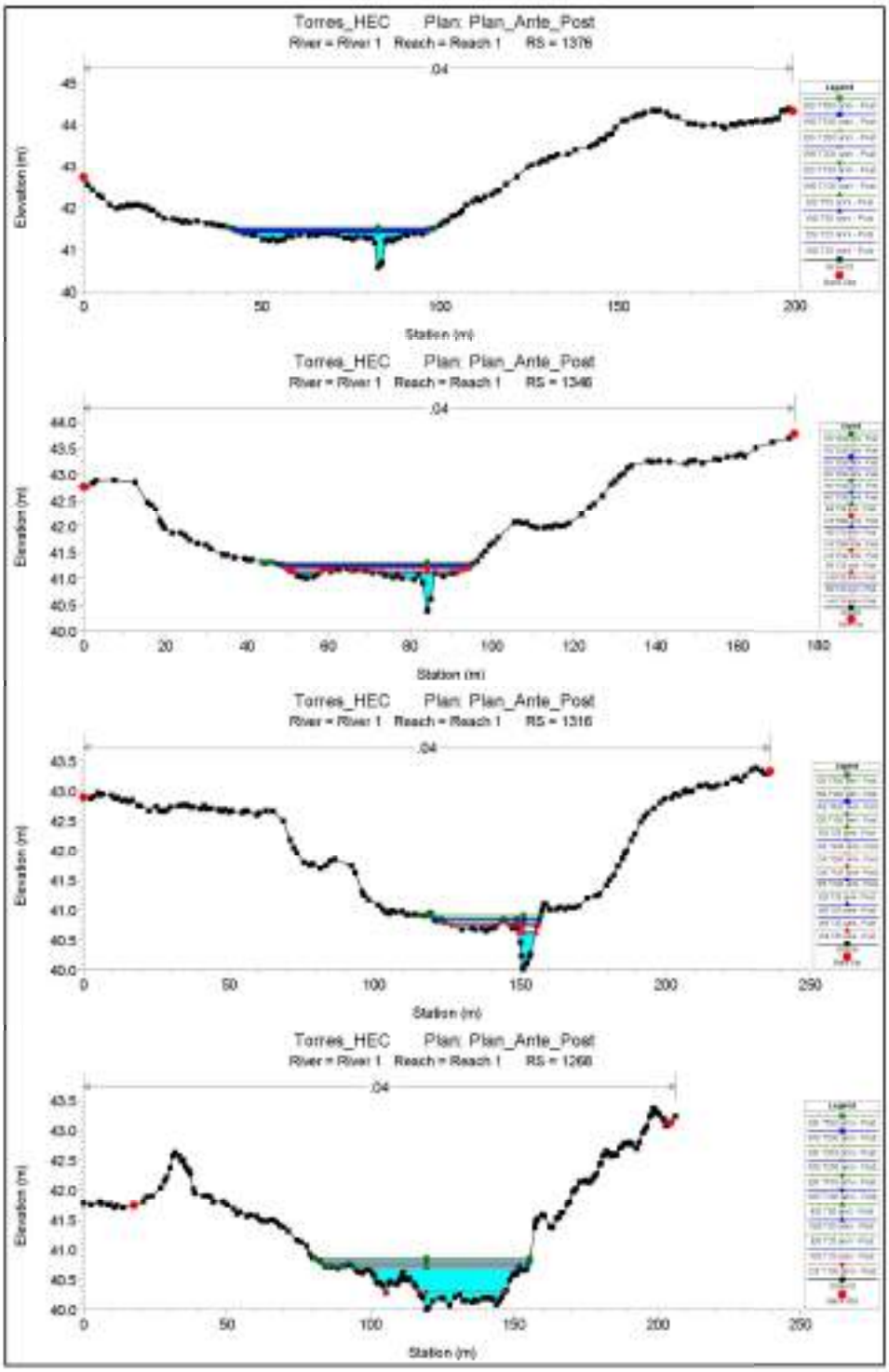


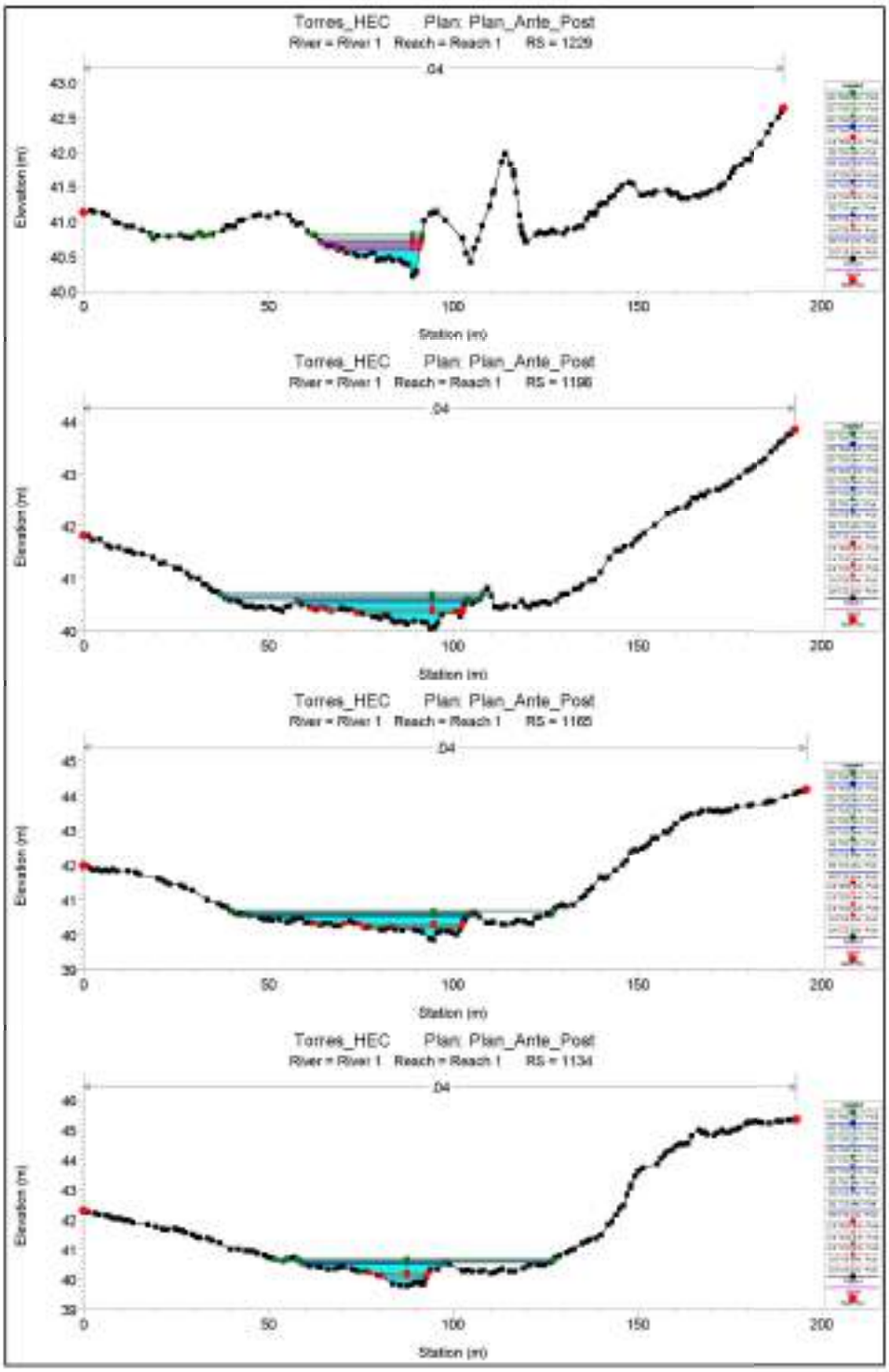
6.5 Sezioni trasversali - Post Operam

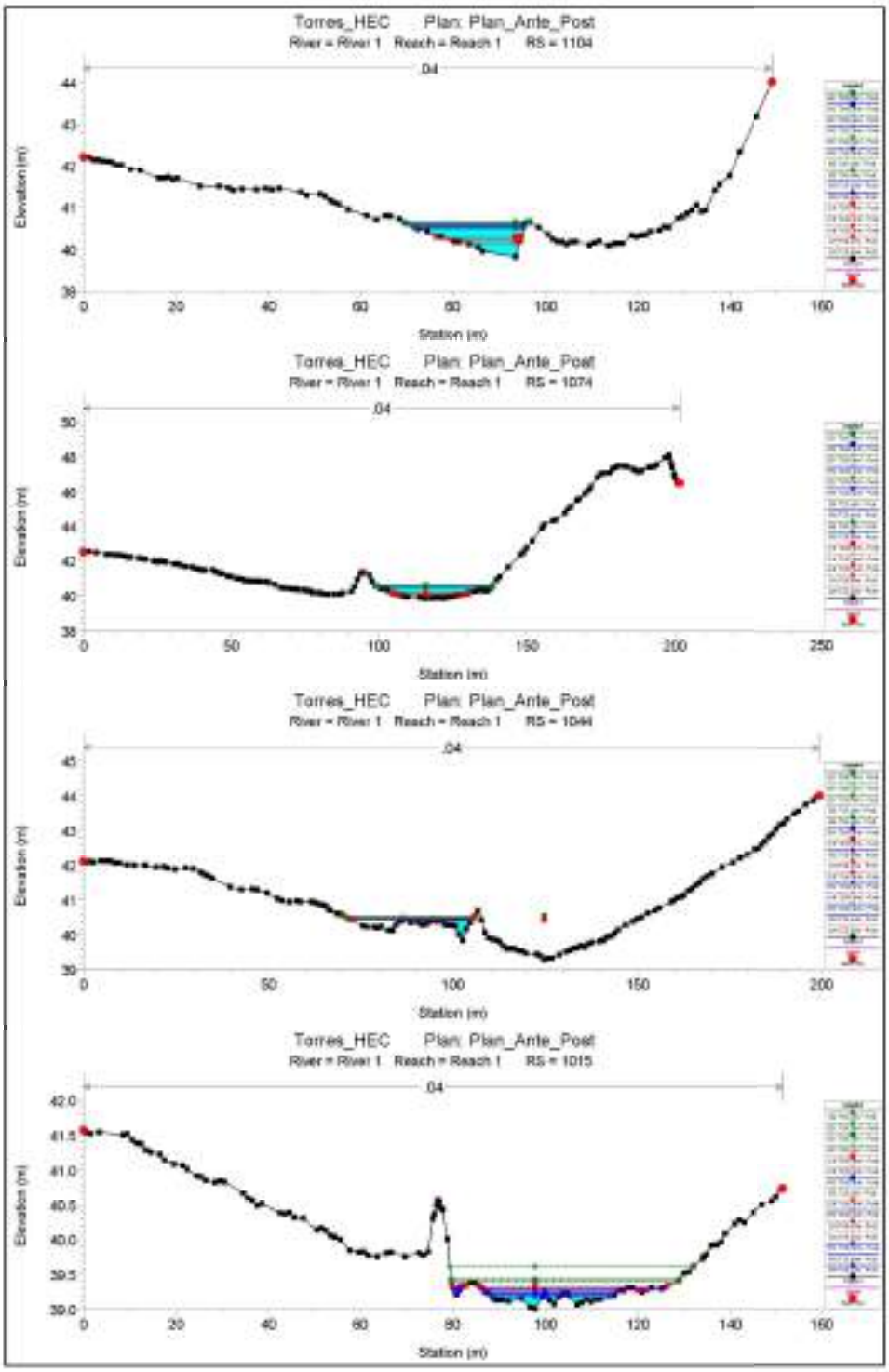


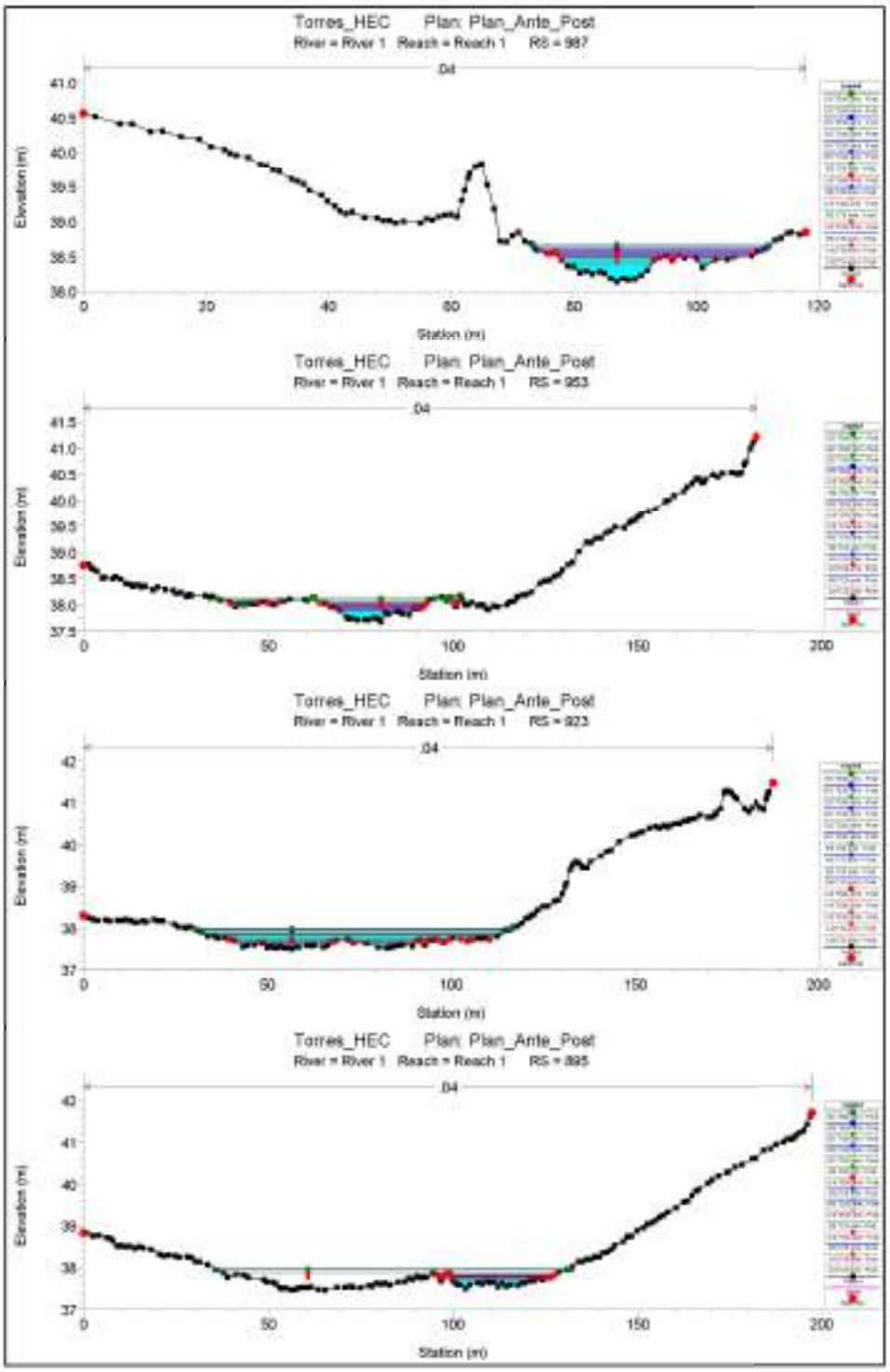


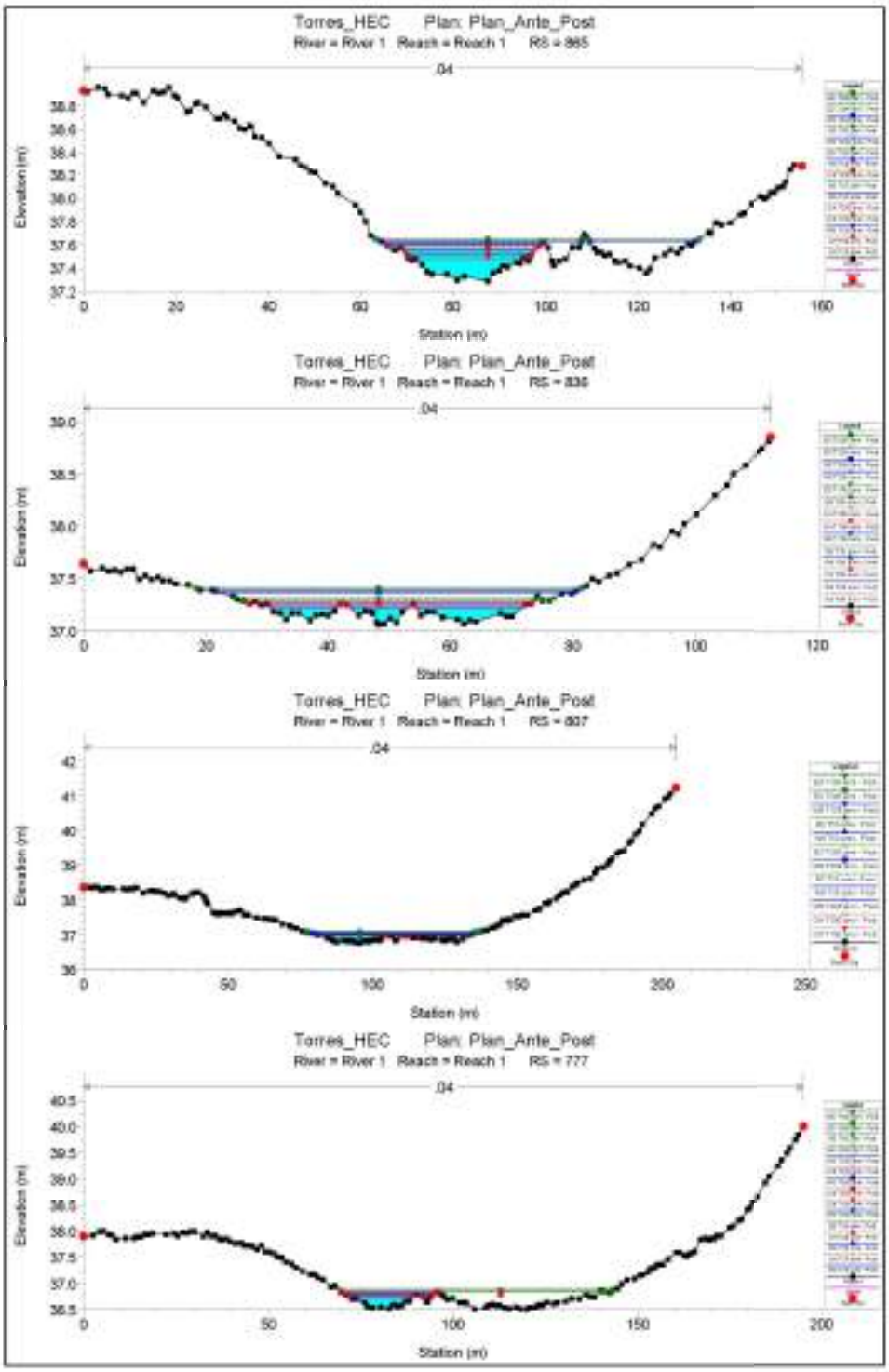


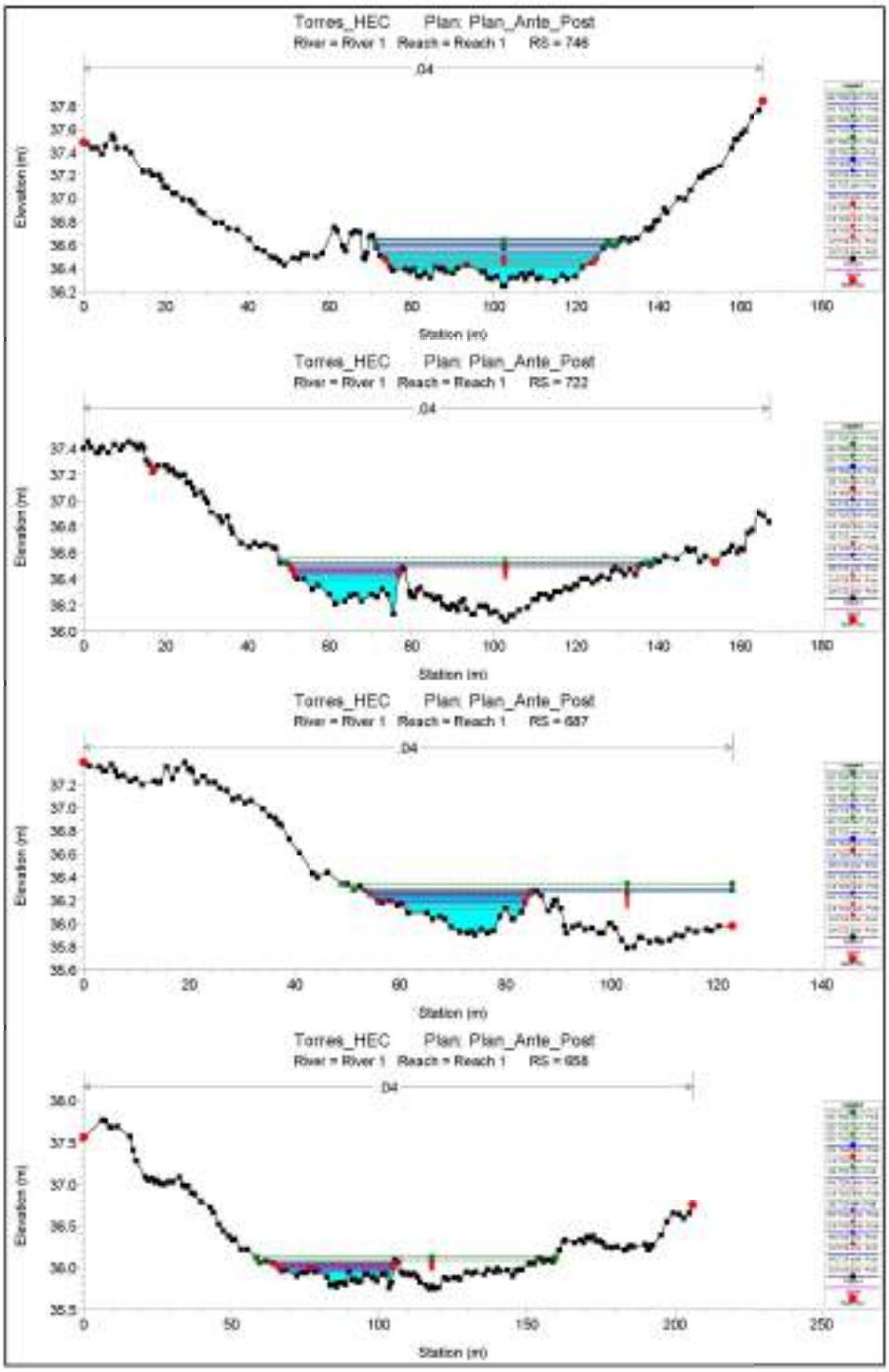


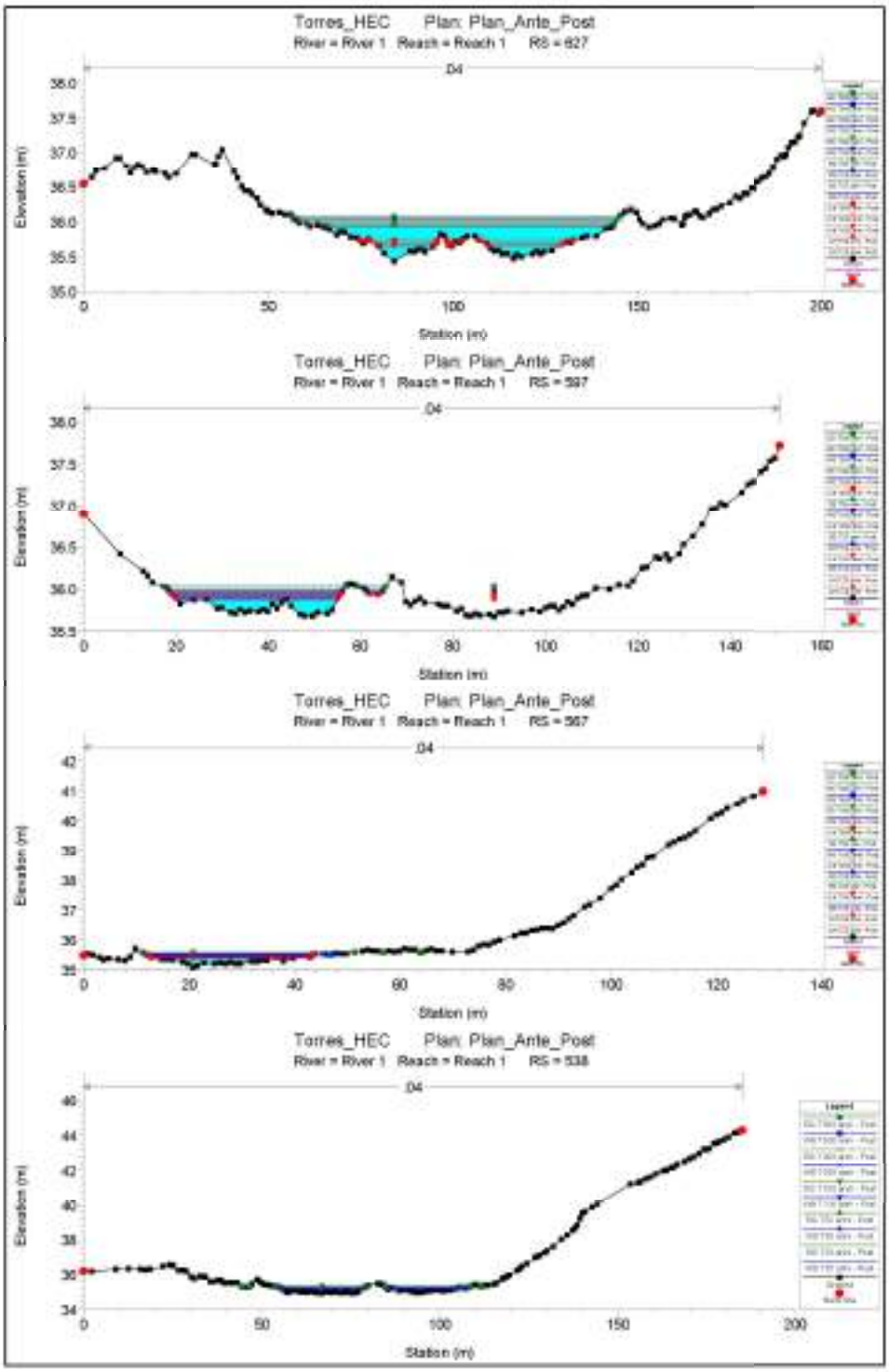


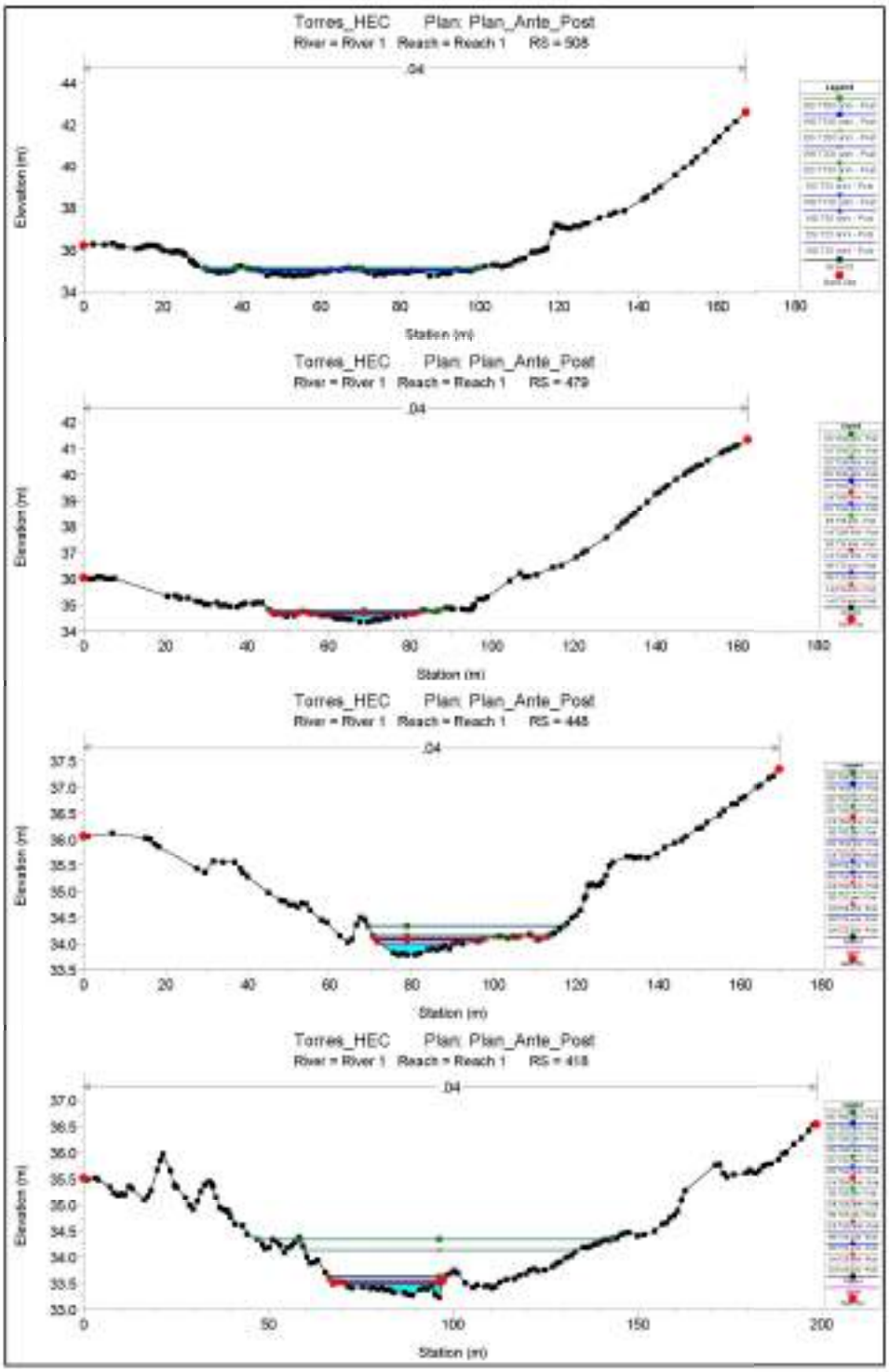


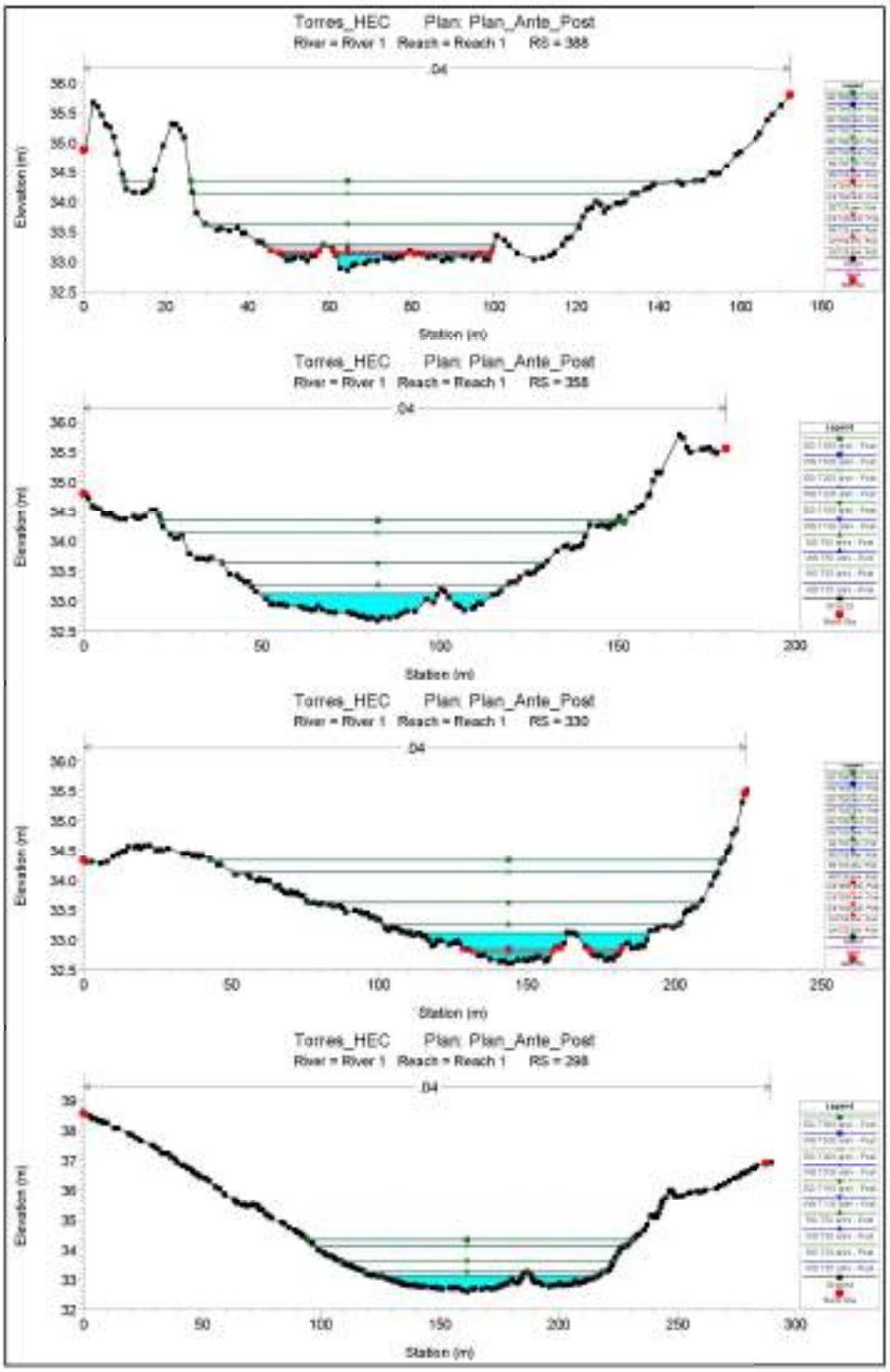


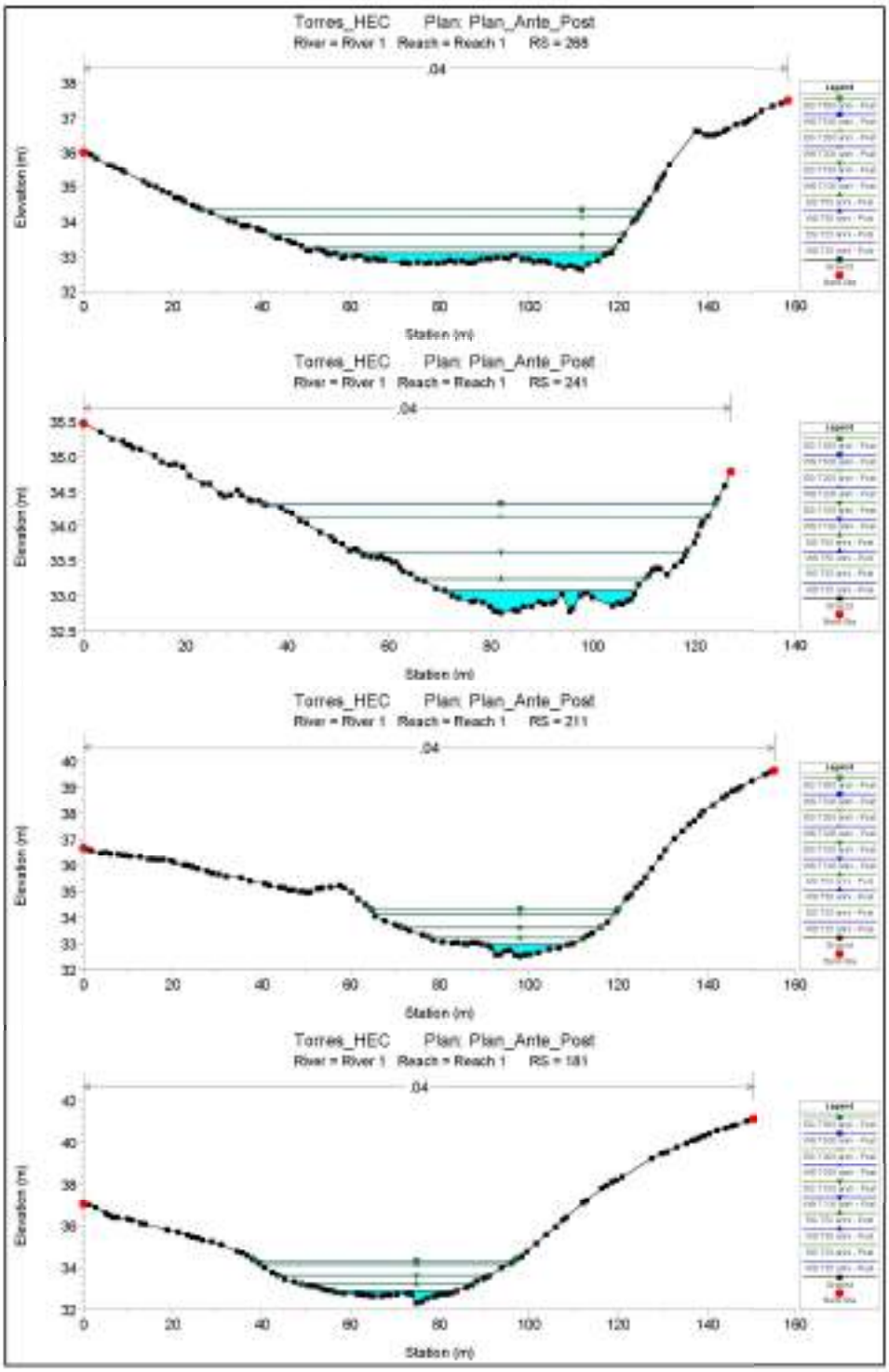


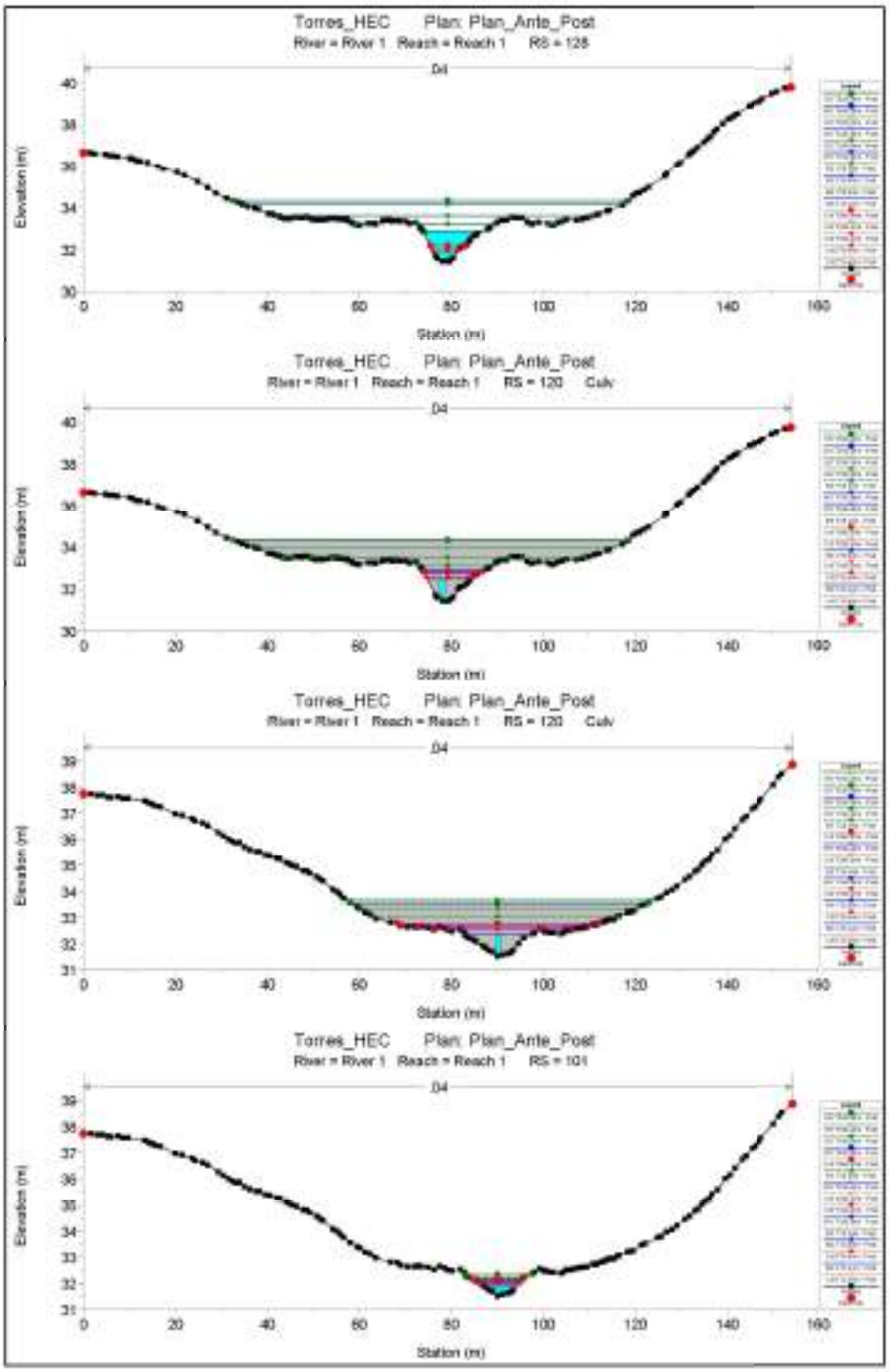


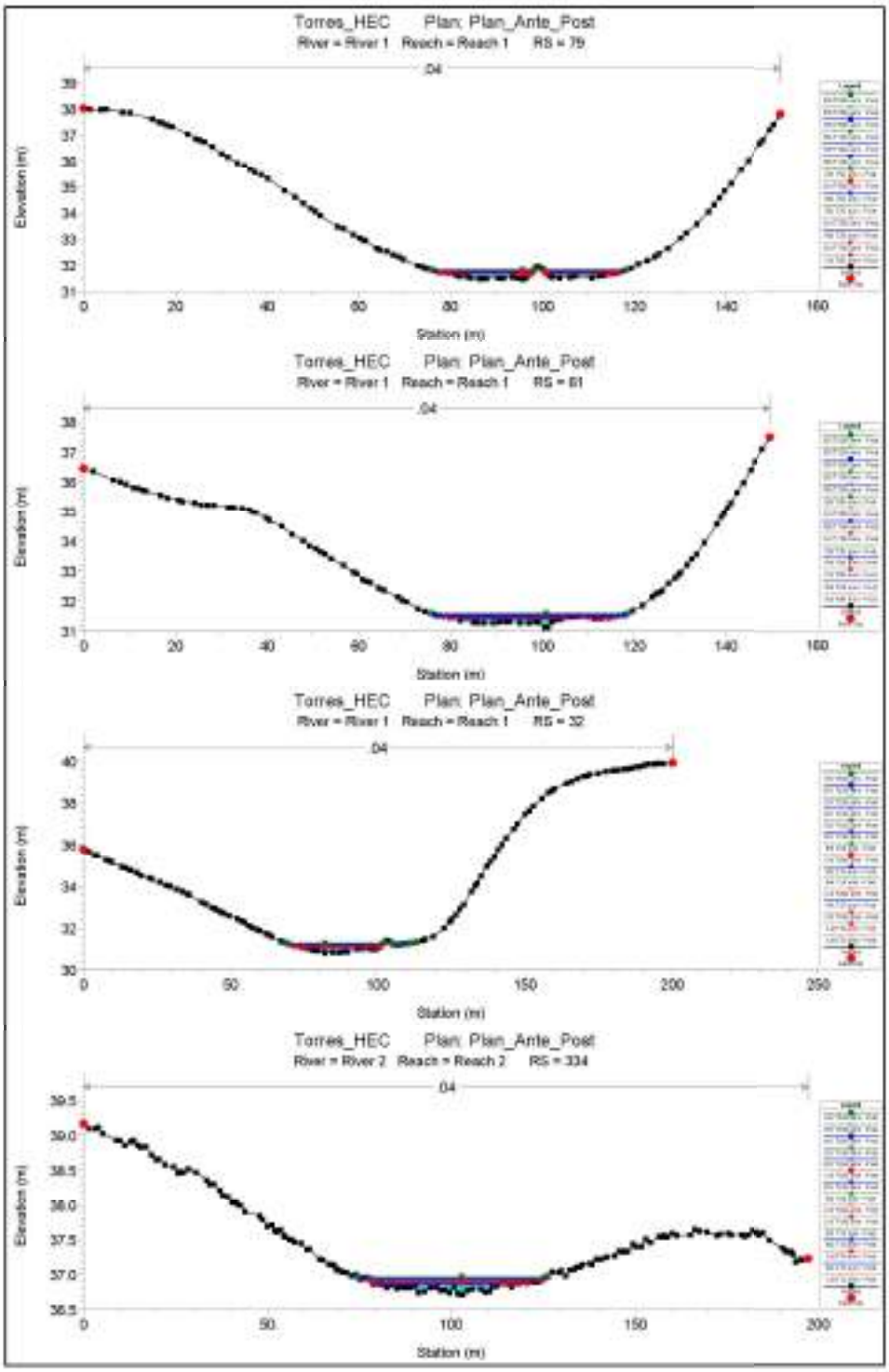


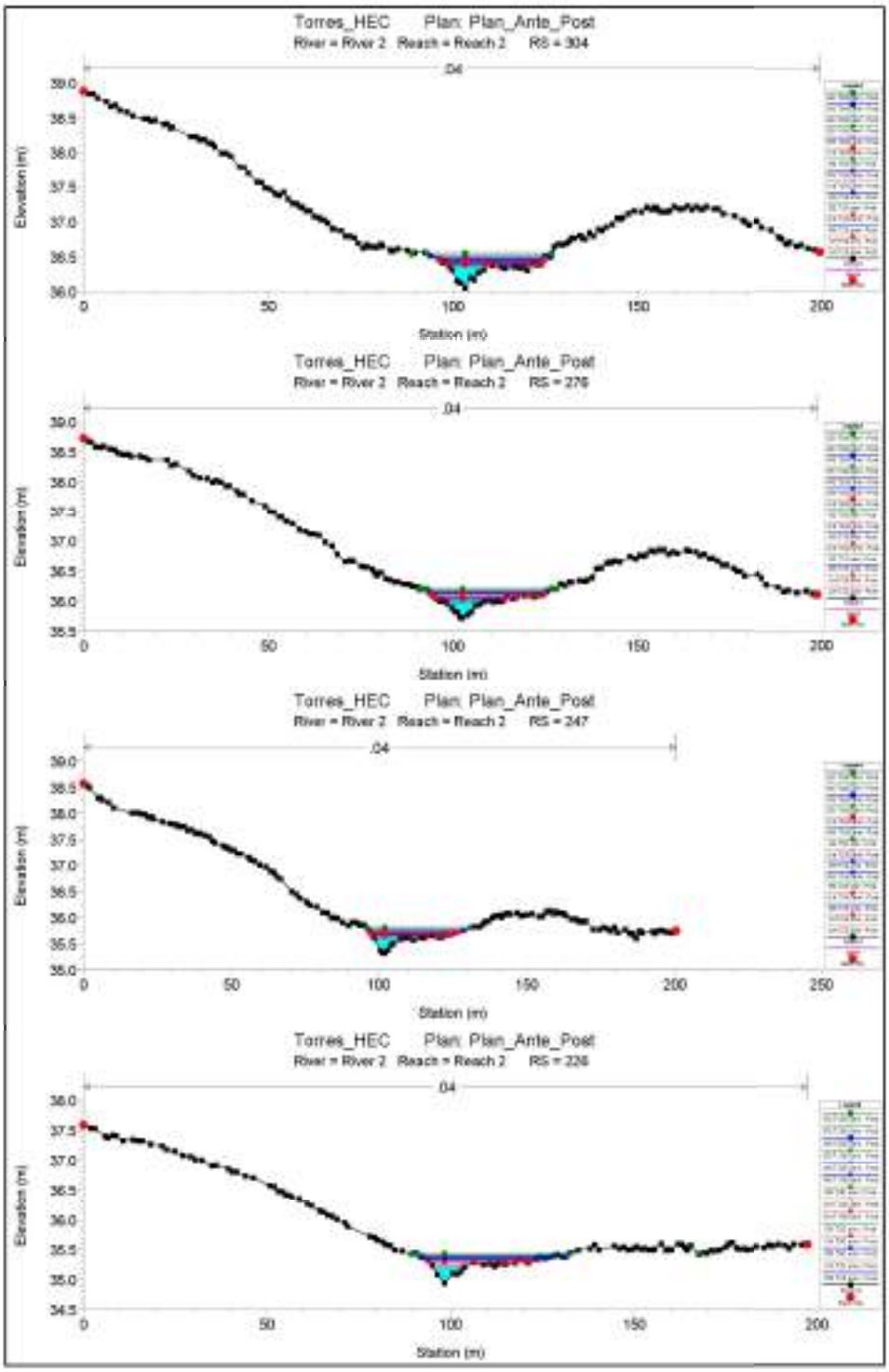


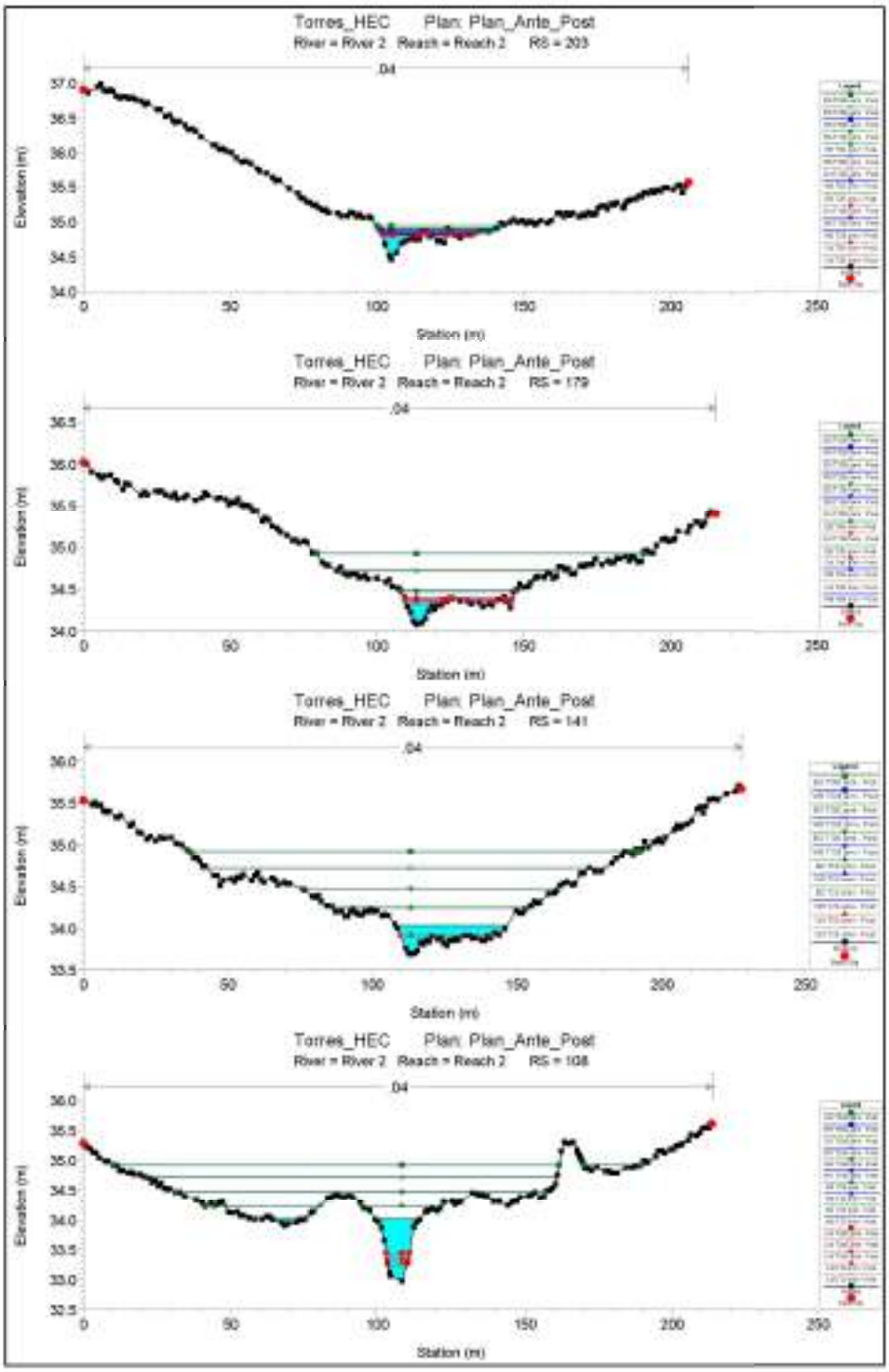


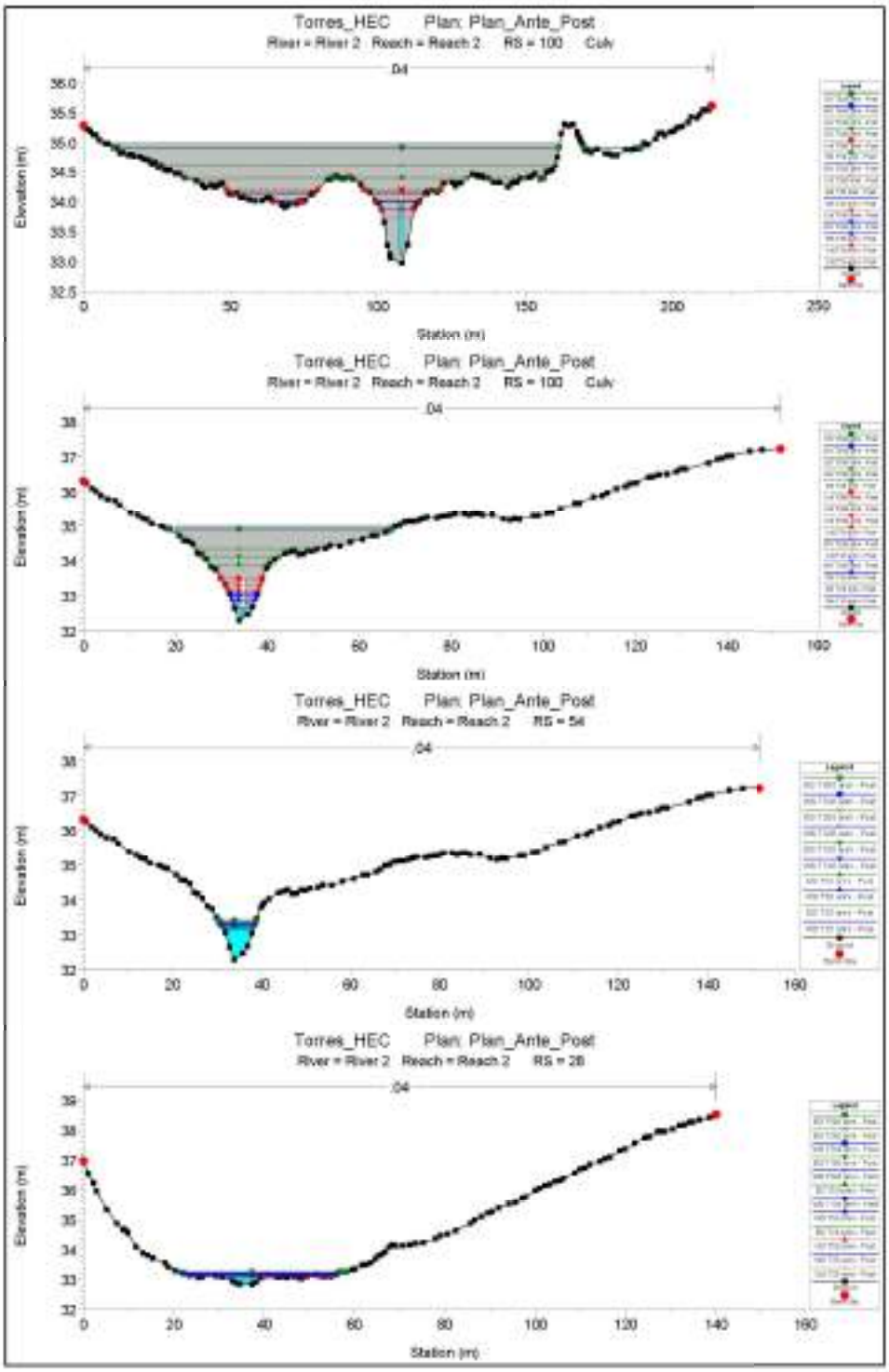


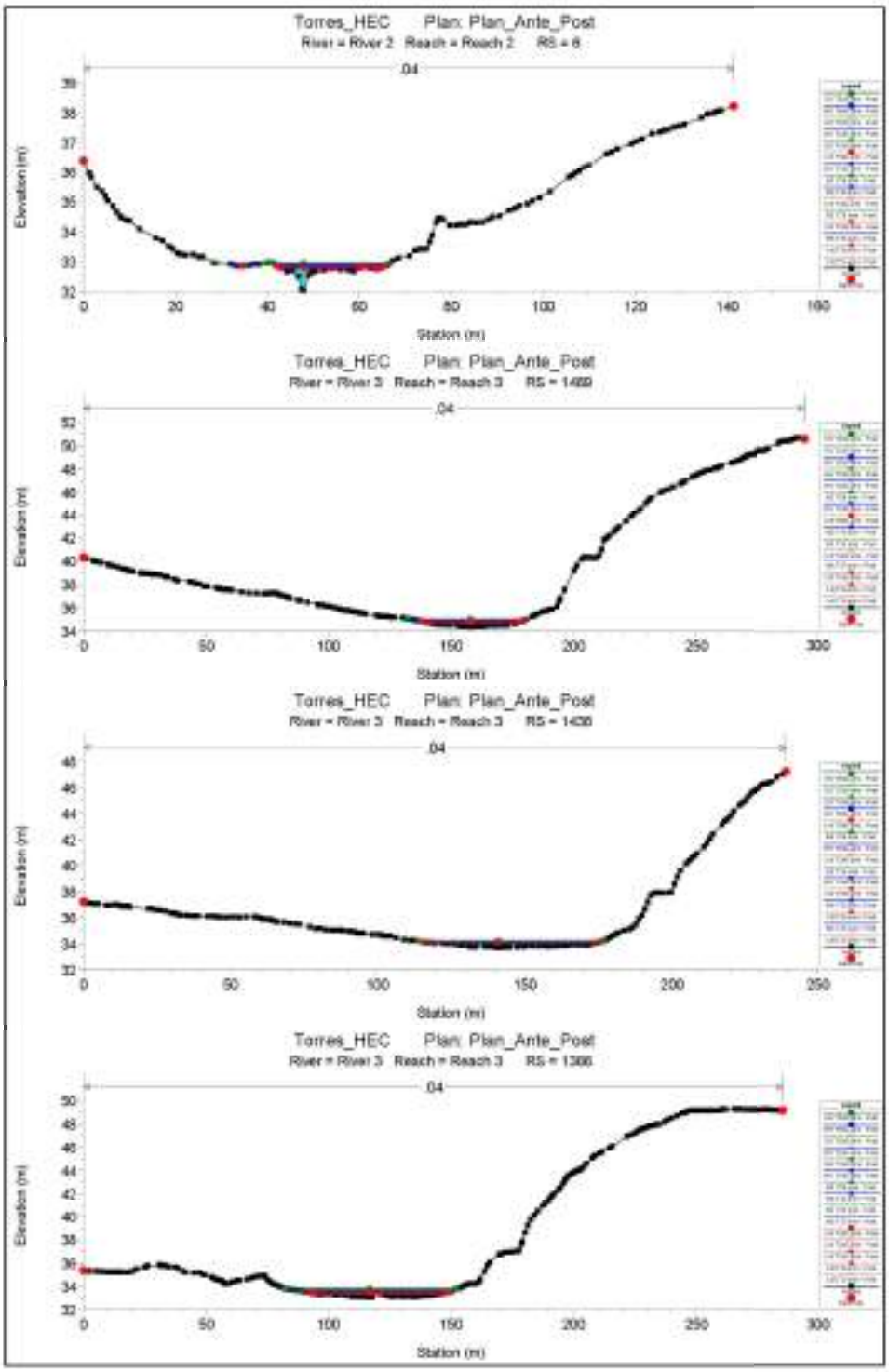


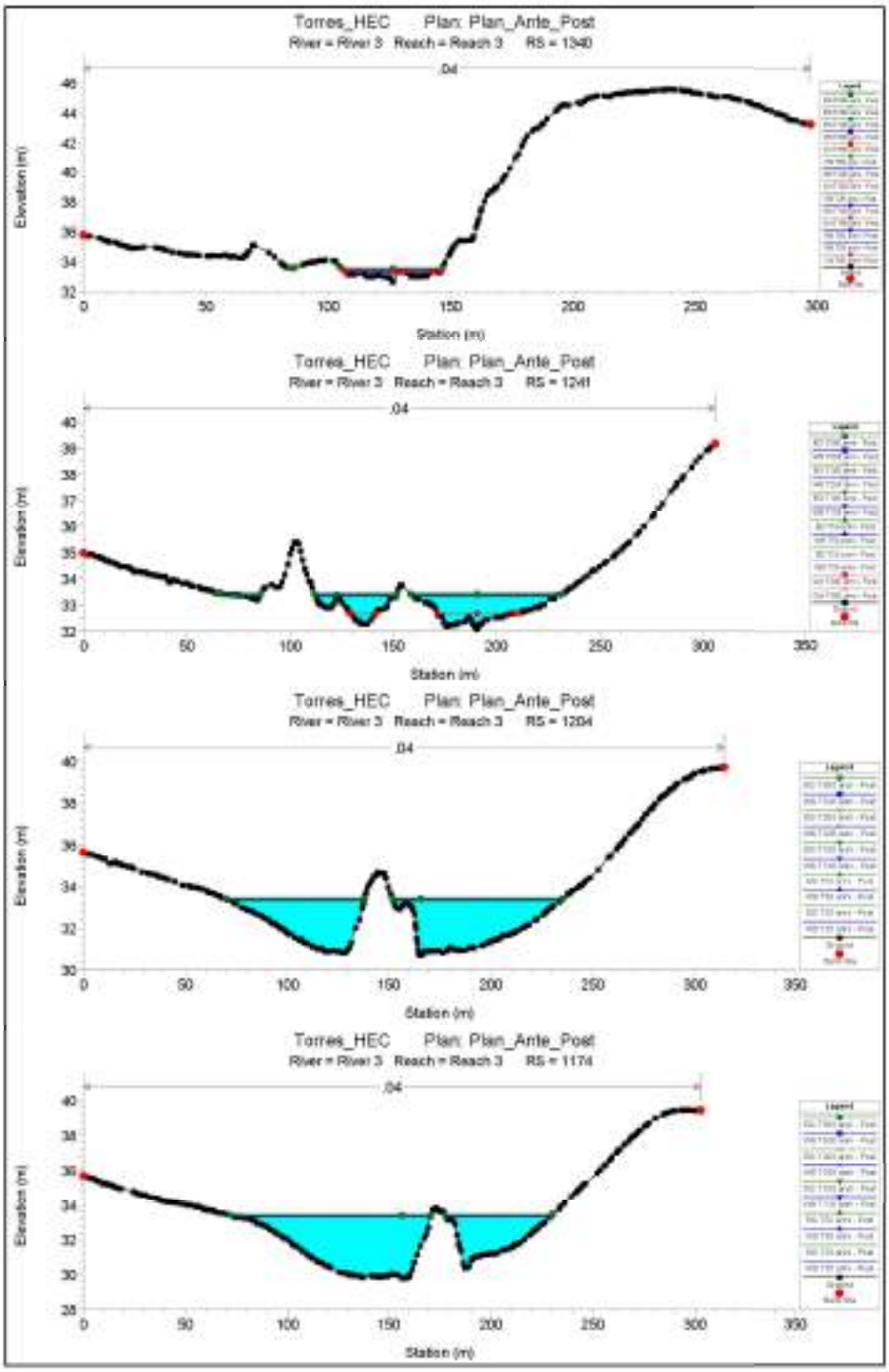


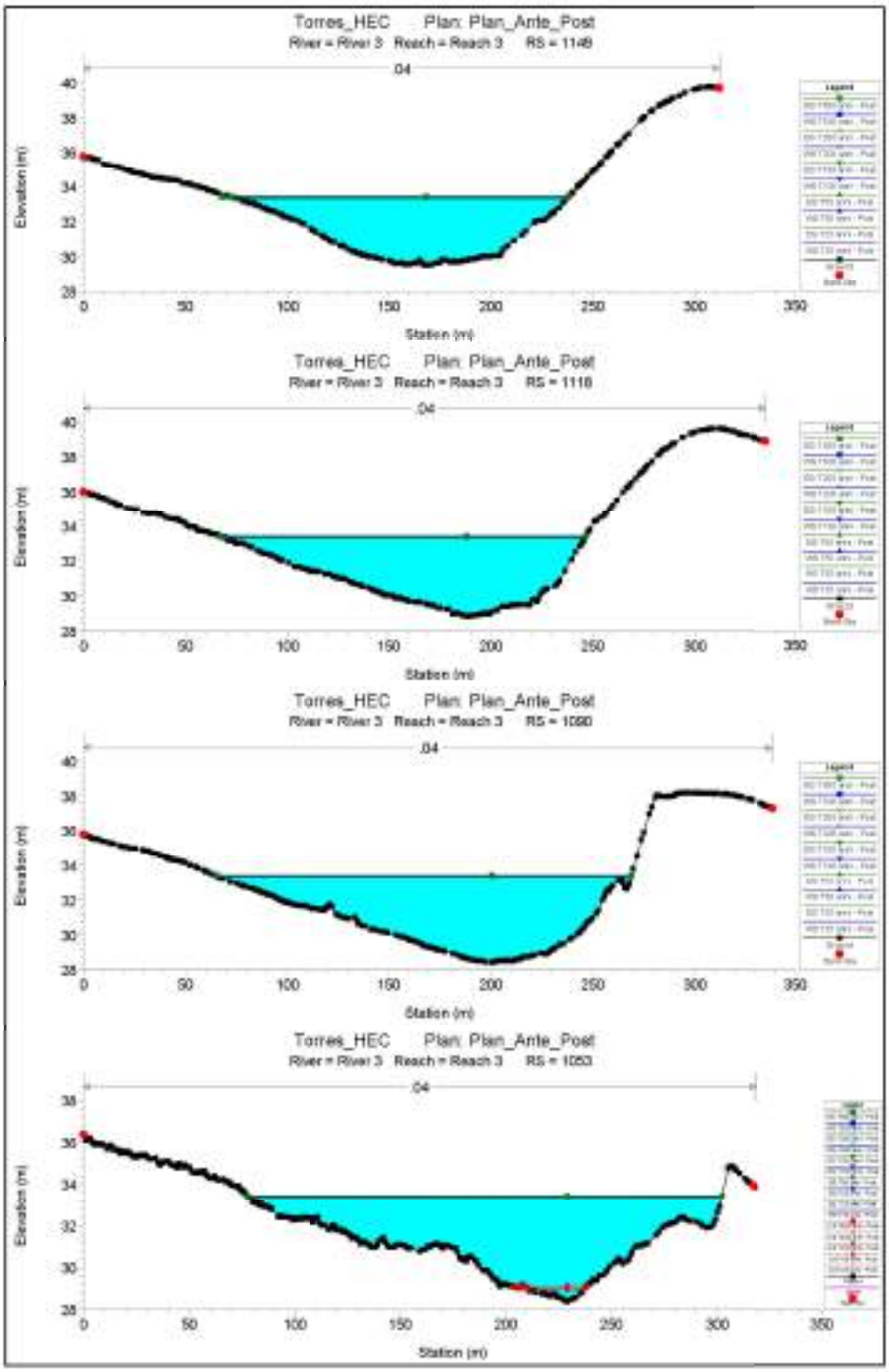


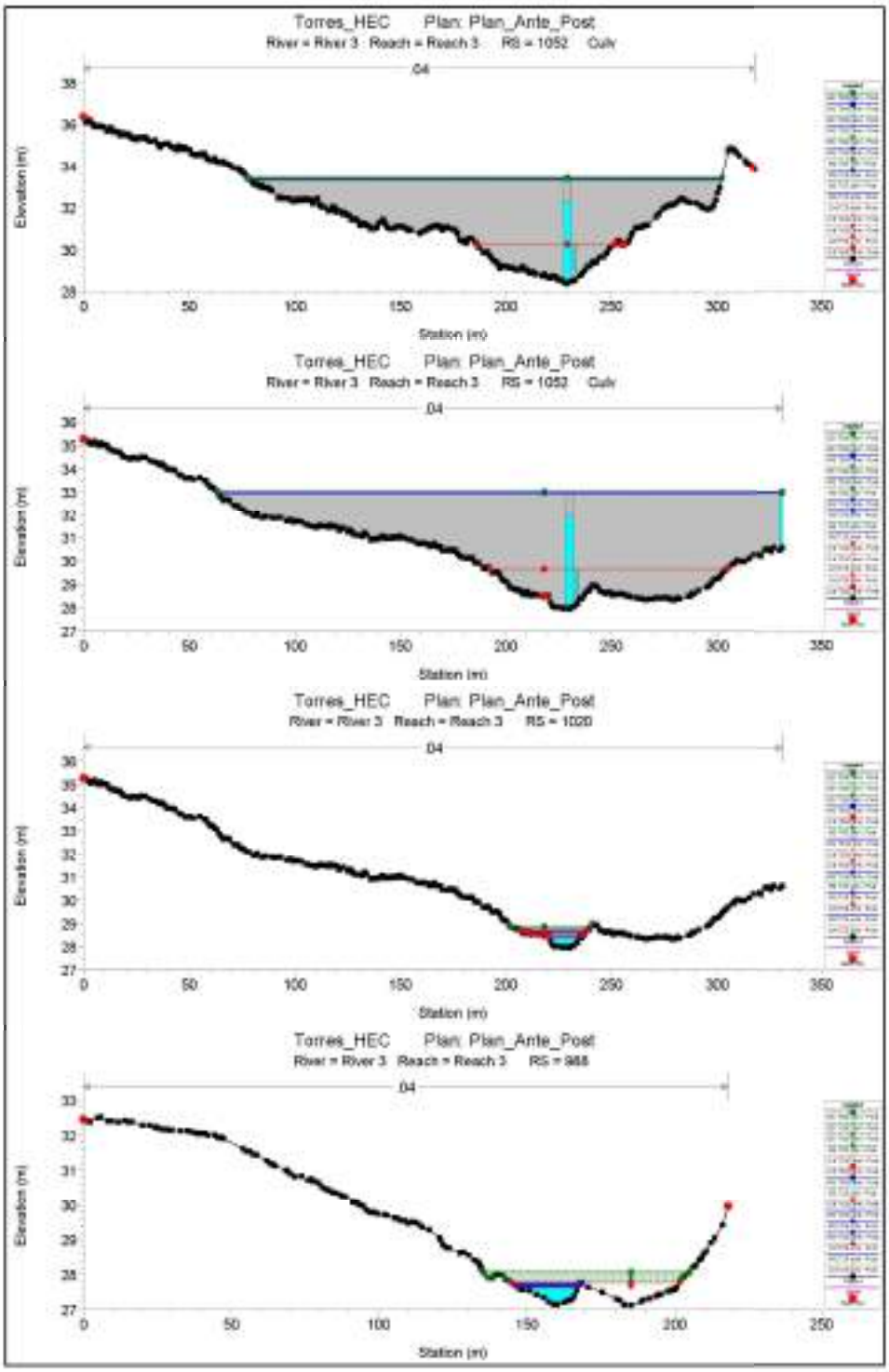


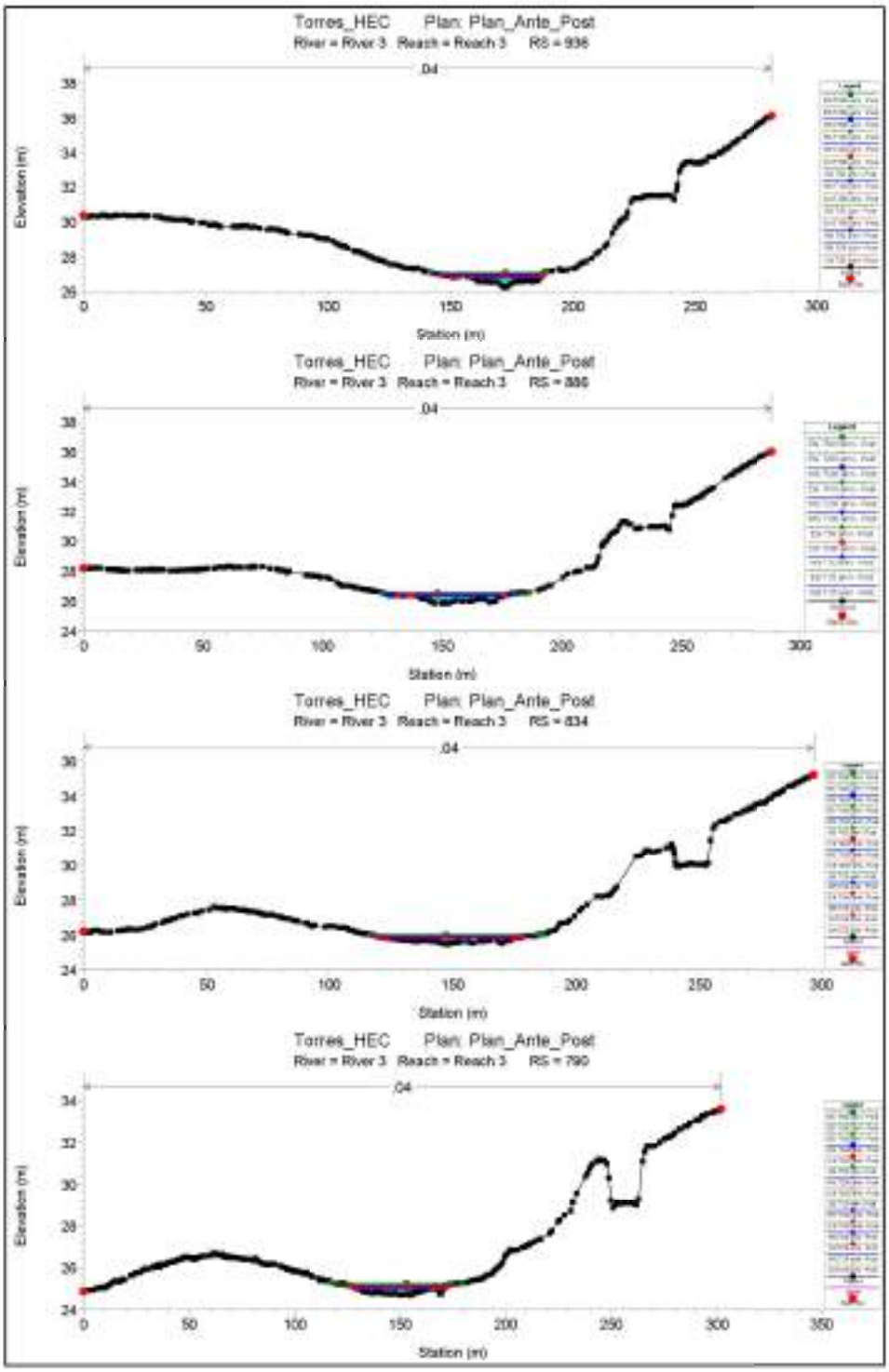


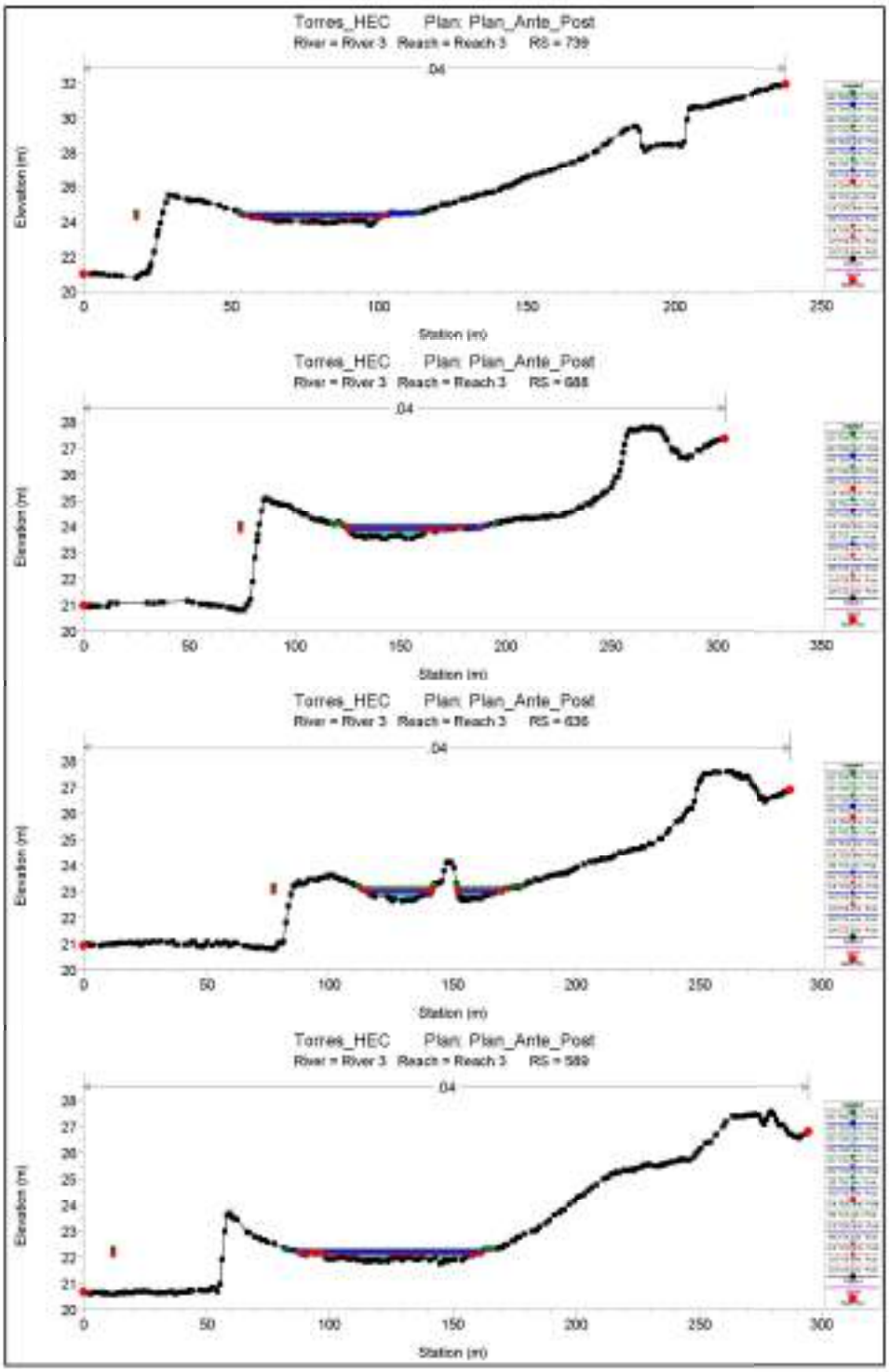


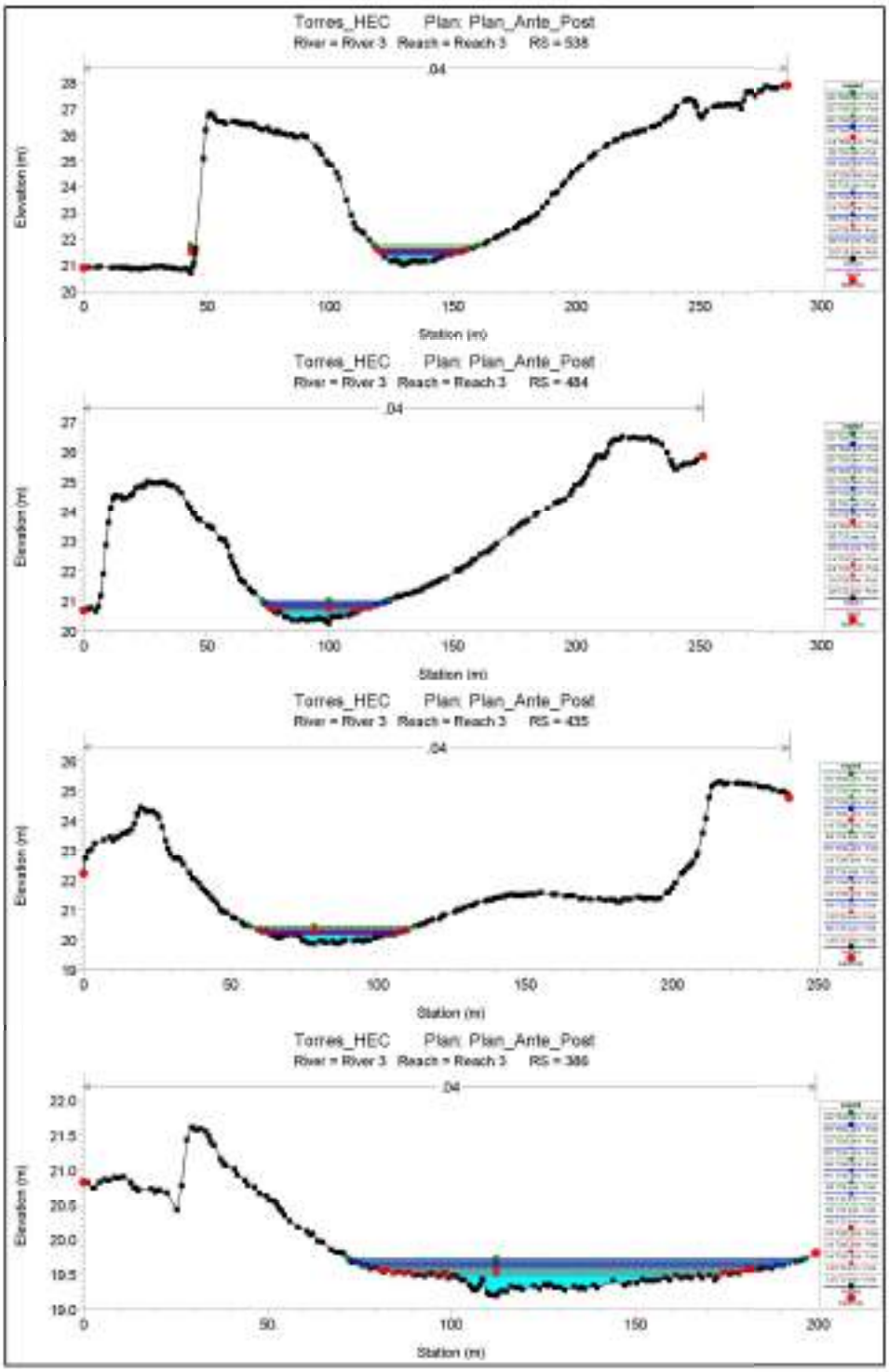


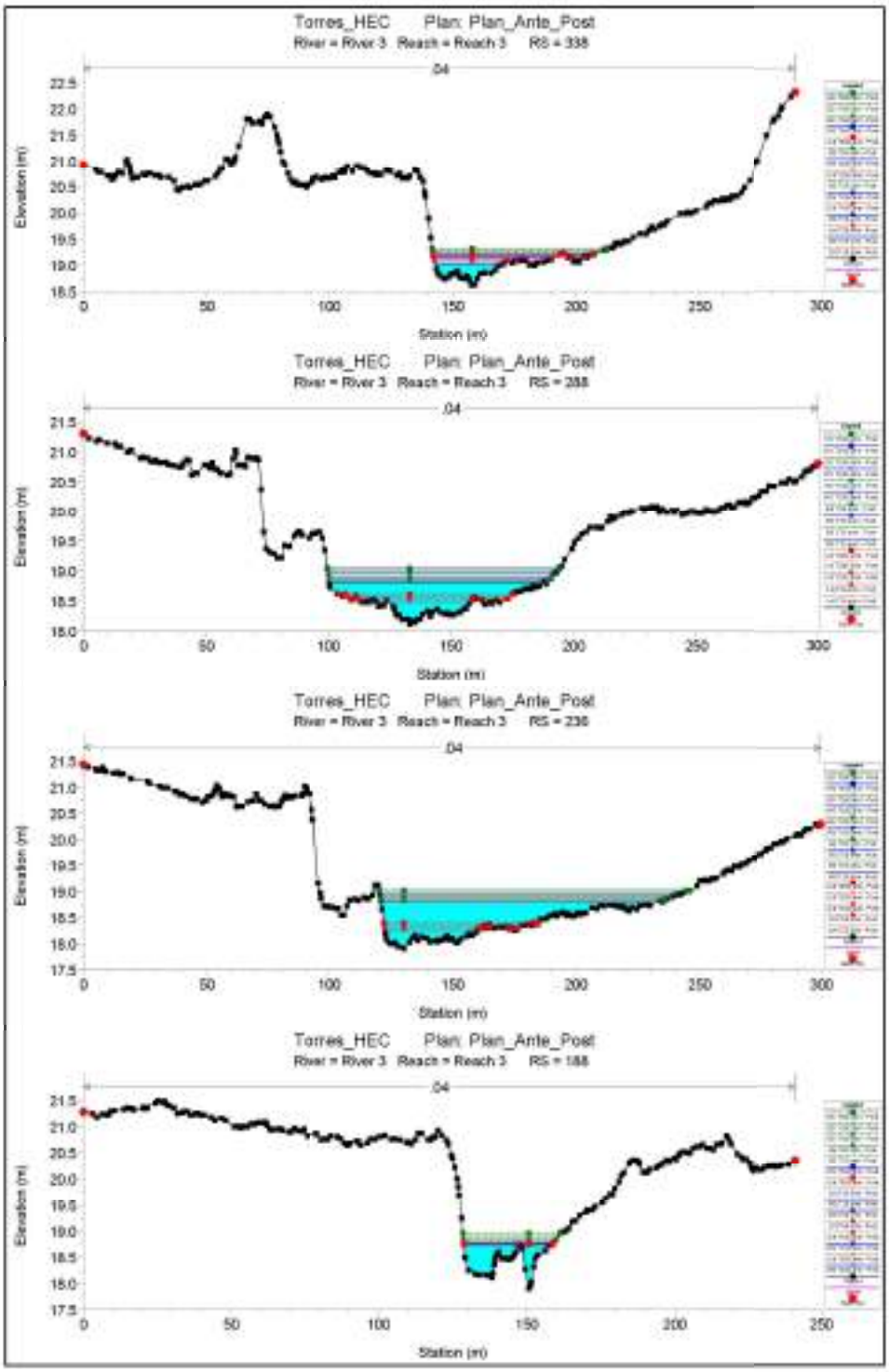


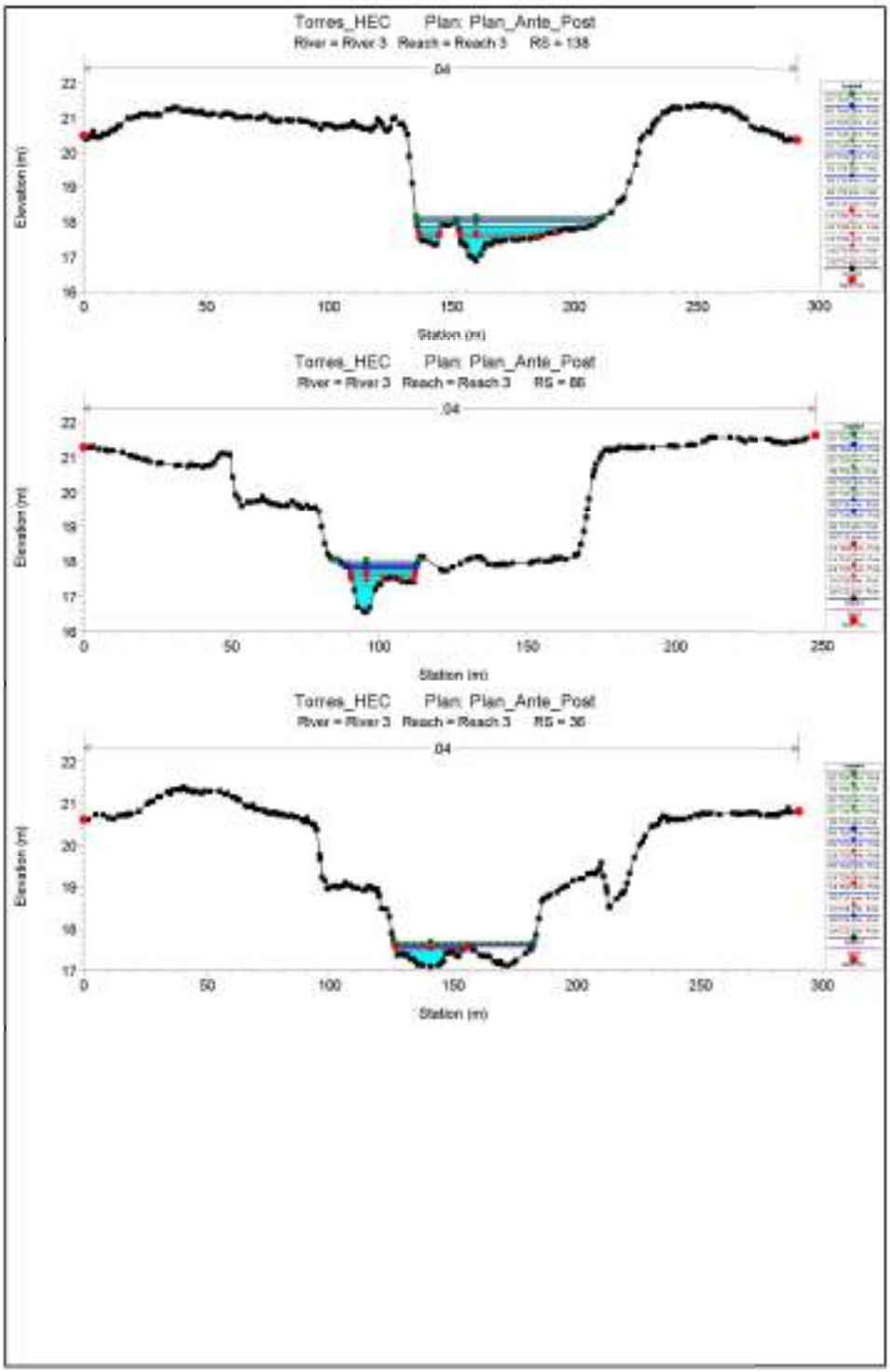












6.6 Tabelle di output riepilogative dei risultati per ogni profilo

HEC-RAS Plan: [illegible]

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
River 3	Reach 3	1486	T25 anni - Ante	8.10	34.37	34.73	34.59	34.78	0.007587	0.88	7.87	35.57	0.55
River 3	Reach 3	1486	T50 anni - Ante	8.77	34.37	34.77	34.60	34.82	0.008474	0.91	9.24	37.40	0.59
River 3	Reach 3	1486	T100 anni - Ante	10.83	34.37	34.81	34.73	34.86	0.008087	1.01	10.67	38.47	0.61
River 3	Reach 3	1486	T200 anni - Ante	13.42	34.37	34.85	34.76	34.91	0.008136	1.09	12.36	39.81	0.63
River 3	Reach 3	1486	T500 anni - Ante	17.61	34.37	34.90	34.80	34.97	0.008009	1.18	14.94	42.57	0.66
River 3	Reach 3	1486	T25 anni - Post	8.44	34.37	34.77	34.68	34.82	0.008486	0.91	9.28	37.42	0.58
River 3	Reach 3	1486	T50 anni - Post	11.23	34.37	34.82	34.73	34.87	0.008605	1.02	11.04	39.69	0.61
River 3	Reach 3	1486	T100 anni - Post	14.10	34.37	34.87	34.77	34.93	0.008274	1.11	12.76	40.89	0.63
River 3	Reach 3	1486	T200 anni - Post	17.36	34.37	34.90	34.80	34.98	0.008807	1.20	14.39	42.74	0.66
River 3	Reach 3	1486	T500 anni - Post	21.47	34.37	34.95	34.85	35.04	0.010032	1.31	16.43	44.54	0.69
River 3	Reach 3	1438	T25 anni - Ante	8.10	33.75	33.97	33.97	34.03	0.027383	1.11	7.46	44.71	1.01
River 3	Reach 3	1438	T50 anni - Ante	8.77	33.75	34.00	34.00	34.07	0.030440	1.20	6.85	47.81	1.01
River 3	Reach 3	1438	T100 anni - Ante	10.83	33.75	34.03	34.03	34.11	0.027781	1.27	8.56	51.35	0.99
River 3	Reach 3	1438	T200 anni - Ante	13.42	33.75	34.08	34.08	34.16	0.026690	1.36	9.85	55.22	1.00
River 3	Reach 3	1438	T500 anni - Ante	17.61	33.75	34.09	34.08	34.18	0.026580	1.43	11.88	56.86	1.00
River 3	Reach 3	1438	T25 anni - Post	8.44	33.75	33.99	33.99	34.07	0.030300	1.21	7.00	47.96	1.01
River 3	Reach 3	1438	T50 anni - Post	11.23	33.75	34.03	34.03	34.12	0.029585	1.28	8.79	54.16	1.01
River 3	Reach 3	1438	T100 anni - Post	14.10	33.75	34.08	34.08	34.16	0.028483	1.37	10.33	55.56	1.02
River 3	Reach 3	1438	T200 anni - Post	17.36	33.75	34.09	34.09	34.20	0.026430	1.44	12.02	57.24	1.00
River 3	Reach 3	1438	T500 anni - Post	21.47	33.75	34.13	34.13	34.24	0.025560	1.53	14.07	59.80	1.00
River 3	Reach 3	1388	T25 anni - Ante	8.10	33.07	33.50	33.31	33.50	0.001084	0.57	14.17	56.83	0.27
River 3	Reach 3	1388	T50 anni - Ante	8.77	33.07	33.55	33.35	33.56	0.001064	0.48	17.20	59.95	0.28
River 3	Reach 3	1388	T100 anni - Ante	10.83	33.07	33.60	33.38	33.62	0.001042	0.53	20.46	61.31	0.29
River 3	Reach 3	1388	T200 anni - Ante	13.42	33.07	33.66	33.42	33.68	0.001016	0.58	24.00	63.80	0.28
River 3	Reach 3	1388	T500 anni - Ante	17.61	33.07	33.72	33.45	33.74	0.001081	0.63	28.16	67.00	0.30
River 3	Reach 3	1388	T25 anni - Post	8.44	33.07	33.55	33.35	33.56	0.001080	0.48	17.30	59.90	0.28
River 3	Reach 3	1388	T50 anni - Post	11.23	33.07	33.61	33.39	33.63	0.001061	0.53	21.11	61.54	0.29
River 3	Reach 3	1388	T100 anni - Post	14.10	33.07	33.67	33.42	33.69	0.001046	0.57	24.63	64.05	0.29
River 3	Reach 3	1388	T200 anni - Post	17.36	33.07	33.73	33.45	33.74	0.001064	0.61	28.42	67.22	0.30
River 3	Reach 3	1388	T500 anni - Post	21.47	33.07	33.79	33.48	33.81	0.001080	0.66	32.73	70.00	0.31
River 3	Reach 3	1340	T25 anni - Ante	8.10	32.65	33.26	33.26	33.38	0.009060	0.92	8.79	30.50	0.59
River 3	Reach 3	1340	T50 anni - Ante	8.77	32.65	33.30		33.36	0.012917	1.08	7.88	32.09	0.71
River 3	Reach 3	1340	T100 anni - Ante	10.83	32.65	33.34		33.42	0.014730	1.21	8.93	34.97	0.77
River 3	Reach 3	1340	T200 anni - Ante	13.42	32.65	33.33	33.33	33.46	0.024288	1.56	8.60	34.42	0.99
River 3	Reach 3	1340	T500 anni - Ante	17.61	32.65	33.36	33.38	33.52	0.024917	1.62	10.47	39.36	1.01
River 3	Reach 3	1340	T25 anni - Post	8.44	32.65	33.30		33.36	0.013186	1.16	7.86	32.83	0.72
River 3	Reach 3	1340	T50 anni - Post	11.23	32.65	33.33	33.29	33.42	0.018475	1.34	8.40	32.71	0.86
River 3	Reach 3	1340	T100 anni - Post	14.10	32.65	33.35	33.34	33.47	0.024052	1.58	8.11	35.60	0.99
River 3	Reach 3	1340	T200 anni - Post	17.36	32.65	33.38	33.38	33.52	0.024795	1.63	10.59	39.42	1.01
River 3	Reach 3	1340	T500 anni - Post	21.47	32.65	33.43	33.43	33.58	0.023779	1.79	13.28	39.89	1.01
River 3	Reach 3	1261	T25 anni - Ante	8.10	32.09	32.47	32.47	32.66	0.026510	1.33	4.86	31.21	0.99
River 3	Reach 3	1261	T50 anni - Ante	8.77	32.09	33.33		33.33	0.000065	0.11	65.18	113.29	0.05
River 3	Reach 3	1261	T100 anni - Ante	10.83	32.09	33.36		33.37	0.000090	0.16	69.71	119.69	0.07
River 3	Reach 3	1261	T200 anni - Ante	13.42	32.09	33.36		33.38	0.000116	0.18	71.22	121.47	0.08
River 3	Reach 3	1261	T500 anni - Ante	17.61	32.09	33.40	32.63	33.41	0.000172	0.23	74.46	127.36	0.10
River 3	Reach 3	1261	T25 anni - Post	8.44	32.09	33.33		33.33	0.000066	0.13	66.18	113.27	0.06
River 3	Reach 3	1261	T50 anni - Post	11.23	32.09	33.36		33.36	0.000089	0.16	68.76	118.89	0.07
River 3	Reach 3	1261	T100 anni - Post	14.10	32.09	33.38		33.38	0.000127	0.20	72.97	125.44	0.08
River 3	Reach 3	1261	T200 anni - Post	17.36	32.09	33.41	32.63	33.41	0.000171	0.23	74.96	128.46	0.10
River 3	Reach 3	1261	T500 anni - Post	21.47	32.09	33.43	32.68	33.44	0.000246	0.27	78.24	133.66	0.11
River 3	Reach 3	1204	T25 anni - Ante	8.10	30.69	32.07	31.04	32.07	0.000013	0.09	79.62	92.79	0.03
River 3	Reach 3	1204	T50 anni - Ante	8.77	30.69	33.33		33.33	0.000001	0.04	224.52	149.13	0.01
River 3	Reach 3	1204	T100 anni - Ante	10.83	30.69	33.36		33.36	0.000002	0.05	228.76	150.28	0.01
River 3	Reach 3	1204	T200 anni - Ante	13.42	30.69	33.38		33.38	0.000003	0.06	232.27	150.84	0.01
River 3	Reach 3	1204	T500 anni - Ante	17.61	30.69	33.40		33.40	0.000005	0.07	236.36	151.51	0.02
River 3	Reach 3	1204	T25 anni - Post	8.44	30.69	33.33		33.33	0.000001	0.04	224.54	149.13	0.01
River 3	Reach 3	1204	T50 anni - Post	11.23	30.69	33.36		33.36	0.000002	0.05	229.16	150.05	0.01
River 3	Reach 3	1204	T100 anni - Post	14.10	30.69	33.38		33.38	0.000003	0.06	233.33	150.89	0.02
River 3	Reach 3	1204	T200 anni - Post	17.36	30.69	33.41		33.41	0.000005	0.07	238.76	151.62	0.02
River 3	Reach 3	1204	T500 anni - Post	21.47	30.69	33.43		33.43	0.000007	0.09	246.76	152.54	0.02
River 3	Reach 3	1174	T25 anni - Ante	8.10	29.70	32.07		32.07	0.000002	0.04	195.84	131.86	0.01
River 3	Reach 3	1174	T50 anni - Ante	8.77	29.70	33.33		33.33	0.000001	0.03	287.83	146.82	0.01
River 3	Reach 3	1174	T100 anni - Ante	10.83	29.70	33.36		33.36	0.000001	0.04	292.78	145.75	0.01
River 3	Reach 3	1174	T200 anni - Ante	13.42	29.70	33.38		33.38	0.000001	0.05	294.88	149.14	0.01
River 3	Reach 3	1174	T500 anni - Ante	17.61	29.70	33.40		33.40	0.000002	0.06	298.84	149.84	0.01
River 3	Reach 3	1174	T25 anni - Post	8.44	29.70	33.33		33.33	0.000001	0.03	287.54	146.93	0.01
River 3	Reach 3	1174	T50 anni - Post	11.23	29.70	33.36		33.36	0.000001	0.04	291.83	146.50	0.01
River 3	Reach 3	1174	T100 anni - Post	14.10	29.70	33.38		33.38	0.000002	0.05	296.74	149.36	0.01
River 3	Reach 3	1174	T200 anni - Post	17.36	29.70	33.41		33.41	0.000002	0.06	299.19	150.84	0.01
River 3	Reach 3	1174	T500 anni - Post	21.47	29.70	33.43		33.43	0.000003	0.07	303.02	151.12	0.02
River 3	Reach 3	1148	T25 anni - Ante	8.10	29.81	32.07		32.07	0.000001	0.03	295.46	130.86	0.01
River 3	Reach 3	1148	T50 anni - Ante	8.77	29.81	33.33		33.33	0.000000	0.02	383.52	182.34	0.00
River 3	Reach 3	1148	T100 anni - Ante	10.83	29.81	33.36		33.36	0.000000	0.03	388.85	183.49	0.01
River 3	Reach 3	1148	T200 anni - Ante	13.42	29.81	33.38		33.38	0.000001	0.03	391.94	184.03	0.01
River 3	Reach 3	1148	T500 anni - Ante	17.61	29.81	33.40		33.40	0.000001	0.04	396.26	185.58	0.01
River 3	Reach 3	1148	T25 anni - Post	8.44	29.81	33.33		33.33	0.000000	0.02	383.54	182.34	0.00
River 3	Reach 3	1148	T50 anni - Post	11.23	29.81	33.36		33.36	0.000000	0.03	388.59	183.23	0.01
River 3	Reach 3	1148	T100 anni - Post	14.10	29.81	33.38		33.38	0.000001	0.04	393.18	184.46	0.01
River 3	Reach 3	1148	T200 anni - Post	17.36	29.81	33.41		33.41	0.000001	0.04	398.87	185.79	0.01
River 3	Reach 3	1148	T500 anni - Post	21.47	29.81	33.43		33.43	0.000001	0.05	401.15	187.12	0.01
River 3	Reach 3	1118	T25 anni - Ante	8.10	28.84	32.07		32.07	0.000000	0.02	379.73	140.14	0.01
River 3	Reach 3	1118	T50 anni - Ante	8.77	28.84	33.33		33.33	0.000000	0.02	476.23	175.34	0.00
River 3	Reach 3	1118	T100 anni - Ante	10.83	28.84	33.36		33.36	0.000000	0.02	477.16	177.83	0.00
River 3	Reach 3	1118	T200 anni - Ante	13.42	28.84	33.38		33.38	0.000000	0.03	479.47	178.52	0.01
River 3	Reach 3	1118	T500 anni - Ante	17.61	28.84	33.40		33.40	0.000001	0.04	484.20	178.66	0.01
River 3	Reach 3	1118	T25 anni - Post	8.44	28.84	33.33		33.33	0.000000	0.02	476.34	175.34	0.00

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 3	Reach 3	1118	T50 anni - Post	11.23	29.84	33.36		33.36	0.000000	0.02	475.82	177.08	0.00
River 3	Reach 3	1118	T100 anni - Post	14.18	29.84	33.38		33.38	0.000000	0.03	480.73	178.03	0.01
River 3	Reach 3	1118	T200 anni - Post	17.28	29.84	33.41		33.41	0.000001	0.04	484.82	178.52	0.01
River 3	Reach 3	1118	T500 anni - Post	21.47	29.84	33.43		33.43	0.000001	0.04	489.45	178.98	0.01
River 3	Reach 3	1098	T25 anni - Ante	6.19	29.43	32.87		32.87	0.000000	0.02	509.98	158.22	0.00
River 3	Reach 3	1098	T50 anni - Ante	8.37	29.43	33.33		33.33	0.000000	0.01	563.33	202.78	0.00
River 3	Reach 3	1098	T100 anni - Ante	10.03	29.43	33.36		33.36	0.000000	0.02	571.11	203.28	0.00
River 3	Reach 3	1098	T200 anni - Ante	13.42	29.43	33.38		33.38	0.000000	0.02	575.71	203.34	0.00
River 3	Reach 3	1098	T500 anni - Ante	17.01	29.43	33.40		33.40	0.000000	0.03	579.89	203.92	0.01
River 3	Reach 3	1098	T25 anni - Post	8.44	29.43	33.33		33.33	0.000000	0.01	563.24	202.98	0.00
River 3	Reach 3	1098	T50 anni - Post	11.23	29.43	33.36		33.36	0.000000	0.02	569.54	203.12	0.00
River 3	Reach 3	1098	T100 anni - Post	14.18	29.43	33.38		33.38	0.000000	0.03	575.14	203.41	0.00
River 3	Reach 3	1098	T200 anni - Post	17.28	29.43	33.41		33.41	0.000000	0.03	579.78	203.68	0.01
River 3	Reach 3	1098	T500 anni - Post	21.47	29.43	33.43		33.43	0.000001	0.04	585.83	203.93	0.01
River 3	Reach 3	1053	T25 anni - Ante	6.19	29.38	32.87	29.84	32.87	0.000000	0.02	285.82	158.98	0.01
River 3	Reach 3	1053	T50 anni - Ante	8.37	29.38	33.33	29.88	33.33	0.000000	0.02	543.45	222.91	0.00
River 3	Reach 3	1053	T100 anni - Ante	10.03	29.38	33.36	29.94	33.36	0.000000	0.02	552.14	224.11	0.00
River 3	Reach 3	1053	T200 anni - Ante	13.42	29.38	33.38	29.98	33.38	0.000000	0.02	560.00	224.23	0.00
River 3	Reach 3	1053	T500 anni - Ante	17.01	29.38	33.40	29.04	33.40	0.000000	0.03	580.83	224.48	0.01
River 3	Reach 3	1053	T25 anni - Post	8.44	29.38	33.33	29.88	33.33	0.000000	0.02	543.47	222.91	0.00
River 3	Reach 3	1053	T50 anni - Post	11.23	29.38	33.36	29.94	33.36	0.000000	0.02	550.40	224.04	0.00
River 3	Reach 3	1053	T100 anni - Post	14.18	29.38	33.38	29.98	33.38	0.000000	0.03	568.68	224.38	0.01
River 3	Reach 3	1053	T200 anni - Post	17.28	29.38	33.41	29.05	33.41	0.000000	0.03	581.70	224.51	0.01
River 3	Reach 3	1053	T500 anni - Post	21.47	29.38	33.43	29.11	33.43	0.000001	0.04	587.08	224.75	0.01
River 3	Reach 3	1053		Culvert									
River 3	Reach 3	1028	T25 anni - Ante	6.19	28.48	28.32	28.32	28.45	0.024594		3.73	13.98	0.00
River 3	Reach 3	1028	T50 anni - Ante	8.37	28.48	28.38	28.38	28.56	0.022858		4.89	14.48	0.00
River 3	Reach 3	1028	T100 anni - Ante	10.03	28.48	28.45	28.45	28.63	0.022258		5.77	18.07	0.00
River 3	Reach 3	1028	T200 anni - Ante	13.42	28.48	28.54	28.54	28.71	0.019843	0.52	7.32	23.08	0.62
River 3	Reach 3	1028	T500 anni - Ante	17.01	28.48	28.62	28.62	28.80	0.016712	0.57	9.45	28.78	0.67
River 3	Reach 3	1028	T25 anni - Post	8.44	28.48	28.38	28.38	28.56	0.023806		4.71	14.48	0.00
River 3	Reach 3	1028	T50 anni - Post	11.23	28.48	28.48	28.48	28.65	0.021874		5.85	16.28	0.00
River 3	Reach 3	1028	T100 anni - Post	14.18	28.48	28.55	28.55	28.73	0.019844	0.57	7.65	24.03	0.64
River 3	Reach 3	1028	T200 anni - Post	17.28	28.48	28.62	28.62	28.80	0.016506	0.58	9.52	28.68	0.67
River 3	Reach 3	1028	T500 anni - Post	21.47	28.48	28.68	28.68	28.88	0.016338	0.68	11.41	38.53	0.72
River 3	Reach 3	988	T25 anni - Ante	6.19	27.12	27.60	27.54	27.68	0.014863	1.22	5.00	18.76	0.77
River 3	Reach 3	988	T50 anni - Ante	8.37	27.12	27.65	27.60	27.75	0.016876	1.48	5.87	28.78	0.84
River 3	Reach 3	988	T100 anni - Ante	10.03	27.12	27.70	27.67	27.82	0.017894	1.58	6.88	21.88	0.97
River 3	Reach 3	988	T200 anni - Ante	13.42	27.12	27.69	27.72	27.89	0.032506	2.05	6.56	21.38	1.16
River 3	Reach 3	988	T500 anni - Ante	17.01	27.12	27.71	27.77	27.98	0.039348	2.38	7.23	22.03	1.31
River 3	Reach 3	988	T25 anni - Post	8.44	27.12	27.65	27.62	27.75	0.015779	1.41	5.98	28.81	0.84
River 3	Reach 3	988	T50 anni - Post	11.23	27.12	27.71	27.68	27.82	0.018821	1.58	7.10	21.91	0.88
River 3	Reach 3	988	T100 anni - Post	14.18	27.12	27.69	27.73	27.91	0.032698	2.08	6.79	21.61	1.16
River 3	Reach 3	988	T200 anni - Post	17.28	27.12	27.71	27.77	28.00	0.039412	2.37	7.29	22.08	1.32
River 3	Reach 3	988	T500 anni - Post	21.47	27.12	27.77	27.77	28.08	0.036308	2.51	8.56	23.88	1.33
River 3	Reach 3	930	T25 anni - Ante	6.19	26.23	26.73	26.71	26.85	0.019345	1.17	5.22	28.58	0.84
River 3	Reach 3	930	T50 anni - Ante	8.37	26.23	26.79	26.75	26.87	0.017429	1.27	6.60	27.68	0.83
River 3	Reach 3	930	T100 anni - Ante	10.03	26.23	26.85		26.93	0.016711	1.38	7.88	28.97	0.85
River 3	Reach 3	930	T200 anni - Ante	13.42	26.23	26.90	26.64	26.96	0.015675	1.31	10.24	36.67	0.78
River 3	Reach 3	930	T500 anni - Ante	17.01	26.23	26.96	26.90	27.06	0.014398	1.38	12.52	40.94	0.79
River 3	Reach 3	930	T25 anni - Post	8.44	26.23	26.79	26.76	26.87	0.017308	1.27	6.66	27.73	0.83
River 3	Reach 3	930	T50 anni - Post	11.23	26.23	26.85		26.94	0.016218	1.33	8.47	30.98	0.82
River 3	Reach 3	930	T100 anni - Post	14.18	26.23	26.92	26.69	27.01	0.014808	1.29	10.89	40.08	0.79
River 3	Reach 3	930	T200 anni - Post	17.28	26.23	26.96	26.91	27.06	0.014433	1.37	12.62	41.00	0.79
River 3	Reach 3	930	T500 anni - Post	21.47	26.23	27.01	26.98	27.12	0.014355	1.46	14.68	42.91	0.80
River 3	Reach 3	888	T25 anni - Ante	6.19	25.88	26.25		26.28	0.006257	0.77	7.81	32.41	0.50
River 3	Reach 3	888	T50 anni - Ante	8.37	25.88	26.31		26.34	0.006558	0.86	9.70	34.75	0.52
River 3	Reach 3	888	T100 anni - Ante	10.03	25.88	26.35		26.40	0.006868	0.90	11.23	38.15	0.55
River 3	Reach 3	888	T200 anni - Ante	13.42	25.88	26.41		26.46	0.007305	0.97	13.83	46.57	0.56
River 3	Reach 3	888	T500 anni - Ante	17.01	25.88	26.47		26.52	0.007752	1.03	16.52	51.53	0.58
River 3	Reach 3	888	T25 anni - Post	8.44	25.88	26.31		26.33	0.006508	0.87	9.73	34.77	0.52
River 3	Reach 3	888	T50 anni - Post	11.23	25.88	26.36		26.41	0.007613	0.96	11.70	37.61	0.55
River 3	Reach 3	888	T100 anni - Post	14.18	25.88	26.41		26.46	0.007508	0.98	14.45	47.23	0.57
River 3	Reach 3	888	T200 anni - Post	17.28	25.88	26.47		26.53	0.007747	1.03	16.75	51.75	0.58
River 3	Reach 3	888	T500 anni - Post	21.47	25.88	26.52	26.38	26.58	0.007821	1.12	19.10	53.08	0.60
River 3	Reach 3	834	T25 anni - Ante	6.19	25.48	25.80	25.75	25.83	0.012845	0.83	7.48	47.56	0.66
River 3	Reach 3	834	T50 anni - Ante	8.37	25.48	25.83	25.78	25.87	0.013100	0.88	9.27	52.27	0.68
River 3	Reach 3	834	T100 anni - Ante	10.03	25.48	25.87	25.82	25.91	0.013601	0.98	11.03	56.08	0.70
River 3	Reach 3	834	T200 anni - Ante	13.42	25.48	25.90	25.85	25.95	0.013208	1.05	12.81	58.28	0.71
River 3	Reach 3	834	T500 anni - Ante	17.01	25.48	25.93	25.88	26.00	0.013325	1.14	14.96	68.14	0.73
River 3	Reach 3	834	T25 anni - Post	8.44	25.48	25.83	25.78	25.88	0.013848	0.90	9.34	52.58	0.68
River 3	Reach 3	834	T50 anni - Post	11.23	25.48	25.87	25.82	25.92	0.013191	0.96	11.29	55.32	0.70
River 3	Reach 3	834	T100 anni - Post	14.18	25.48	25.91	25.85	25.96	0.013228	1.07	13.00	58.78	0.72
River 3	Reach 3	834	T200 anni - Post	17.28	25.48	25.93	25.88	26.00	0.013414	1.15	15.05	68.38	0.73
River 3	Reach 3	834	T500 anni - Post	21.47	25.48	25.98	25.92	26.05	0.013468	1.31	17.73	69.71	0.76
River 3	Reach 3	790	T25 anni - Ante	6.19	24.69	24.94	24.94	25.02	0.029848	1.22	5.03	33.38	1.00
River 3	Reach 3	790	T50 anni - Ante	8.37	24.69	24.98	24.98	25.07	0.027574	1.31	6.38	35.64	0.99
River 3	Reach 3	790	T100 anni - Ante	10.03	24.69	25.02	25.02	25.12	0.026728	1.38	7.60	38.25	1.00
River 3	Reach 3	790	T200 anni - Ante	13.42	24.69	25.05	25.05	25.16	0.025759	1.45	9.23	42.17	0.99
River 3	Reach 3	790	T500 anni - Ante	17.01	24.69	25.09	25.09	25.22	0.025167	1.58	10.86	43.09	1.00
River 3	Reach 3	790	T25 anni - Post	8.44	24.69	24.98	24.98	25.07	0.027611	1.32	6.42	35.94	0.99
River 3	Reach 3	790	T50 anni - Post	11.23	24.69	25.03	25.03	25.13	0.026368	1.48	8.03	38.53	0.99
River 3	Reach 3	790	T100 anni - Post	14.18	24.69	25.06	25.06	25.17	0.025758	1.48	9.56	42.63	1.00
River 3	Reach 3	790	T200 anni - Post	17.28	24.69	25.10	25.10	25.22	0.026572	1.58	11.07	44.08	0.99
River 3	Reach 3	790	T500 anni - Post	21.47	24.69	25.14	25.14	25.28	0.023759	1.69	13.03	48.37	0.99

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
River 3	Reach 3	739	T25 anni - Ante	8.19	20.79	24.23	24.14	24.26	0.006528	0.71	8.57	40.92	0.50
River 3	Reach 3	739	T50 anni - Ante	8.37	20.79	24.28	24.19	24.31	0.006069	0.78	10.87	43.81	0.51
River 3	Reach 3	739	T100 anni - Ante	10.63	20.79	24.33	24.21	24.36	0.006064	0.85	12.77	45.92	0.51
River 3	Reach 3	739	T200 anni - Ante	13.42	20.79	24.37	24.26	24.41	0.006069	0.91	14.80	48.91	0.53
River 3	Reach 3	739	T500 anni - Ante	17.01	20.79	24.42	24.29	24.47	0.006366	0.98	17.32	58.05	0.53
River 3	Reach 3	739	T25 anni - Post	8.44	20.79	24.30	24.18	24.31	0.006406	0.78	10.73	42.97	0.51
River 3	Reach 3	739	T50 anni - Post	11.23	20.79	24.34	24.22	24.37	0.006438	0.85	13.16	47.36	0.52
River 3	Reach 3	739	T100 anni - Post	14.18	20.79	24.38	24.25	24.43	0.006394	0.92	15.01	48.28	0.53
River 3	Reach 3	739	T200 anni - Post	17.28	20.79	24.42	24.28	24.47	0.006378	0.98	17.47	58.11	0.53
River 3	Reach 3	739	T500 anni - Post	21.47	20.79	24.49	24.33	24.54	0.006742	1.06	20.34	59.09	0.55
River 3	Reach 3	686	T25 anni - Ante	8.19	20.86	23.80	23.74	23.93	0.010843	0.85	7.17	37.08	0.62
River 3	Reach 3	686	T50 anni - Ante	8.37	20.86	23.84	23.77	23.88	0.010888	0.90	9.06	42.24	0.64
River 3	Reach 3	686	T100 anni - Ante	10.63	20.86	23.86	23.81	23.93	0.011448	1.01	10.72	46.14	0.67
River 3	Reach 3	686	T200 anni - Ante	13.42	20.86	23.85	23.85	23.98	0.011479	1.06	12.83	52.48	0.68
River 3	Reach 3	686	T500 anni - Ante	17.01	20.86	23.89	23.89	24.03	0.011959	1.07	15.84	64.25	0.69
River 3	Reach 3	686	T25 anni - Post	8.44	20.86	23.84	23.78	23.88	0.010896	0.93	9.06	42.78	0.66
River 3	Reach 3	686	T50 anni - Post	11.23	20.86	23.89	23.82	23.94	0.011306	1.02	11.02	46.68	0.67
River 3	Reach 3	686	T100 anni - Post	14.18	20.86	23.84	23.88	24.00	0.011756	1.03	13.74	58.31	0.68
River 3	Reach 3	686	T200 anni - Post	17.28	20.86	23.86	23.89	24.04	0.011807	1.06	15.89	64.34	0.69
River 3	Reach 3	686	T500 anni - Post	21.47	20.86	24.03	23.95	24.08	0.012128	1.18	18.09	67.47	0.71
River 3	Reach 3	636	T25 anni - Ante	8.19	20.79	22.90	22.90	22.97	0.029826	1.18	6.13	36.57	1.00
River 3	Reach 3	636	T50 anni - Ante	8.37	20.79	22.93	22.93	23.02	0.028951	1.38	6.45	38.18	1.01
River 3	Reach 3	636	T100 anni - Ante	10.63	20.79	22.97	22.97	23.07	0.026854	1.38	7.86	41.73	0.99
River 3	Reach 3	636	T200 anni - Ante	13.42	20.79	23.00	23.00	23.11	0.025756	1.45	9.28	44.05	1.01
River 3	Reach 3	636	T500 anni - Ante	17.01	20.79	23.04	23.04	23.16	0.025348	1.54	11.03	45.46	1.00
River 3	Reach 3	636	T25 anni - Post	8.44	20.79	22.94	22.94	23.02	0.028918	1.30	6.49	38.28	1.01
River 3	Reach 3	636	T50 anni - Post	11.23	20.79	22.99	22.99	23.07	0.027117	1.38	8.15	42.13	1.00
River 3	Reach 3	636	T100 anni - Post	14.18	20.79	23.01	23.01	23.12	0.026341	1.48	9.69	44.51	1.00
River 3	Reach 3	636	T200 anni - Post	17.28	20.79	23.04	23.04	23.17	0.025252	1.55	11.12	45.56	1.00
River 3	Reach 3	636	T500 anni - Post	21.47	20.79	23.08	23.08	23.22	0.024823	1.64	13.09	47.38	1.00
River 3	Reach 3	589	T25 anni - Ante	8.19	20.58	22.08	22.02	22.10	0.007188	0.63	9.74	68.64	0.50
River 3	Reach 3	589	T50 anni - Ante	8.37	20.58	22.12	22.05	22.15	0.007047	0.69	12.17	64.02	0.51
River 3	Reach 3	589	T100 anni - Ante	10.63	20.58	22.16	22.07	22.19	0.006858	0.72	14.86	72.02	0.51
River 3	Reach 3	589	T200 anni - Ante	13.42	20.58	22.20	22.10	22.23	0.006679	0.77	17.38	74.64	0.51
River 3	Reach 3	589	T500 anni - Ante	17.01	20.58	22.24	22.13	22.27	0.006524	0.83	20.51	76.98	0.51
River 3	Reach 3	589	T25 anni - Post	8.44	20.58	22.13	22.05	22.15	0.006998	0.69	12.27	65.02	0.51
River 3	Reach 3	589	T50 anni - Post	11.23	20.58	22.17	22.07	22.20	0.006832	0.73	15.39	73.26	0.51
River 3	Reach 3	589	T100 anni - Post	14.18	20.58	22.21	22.10	22.24	0.006651	0.79	18.02	74.94	0.51
River 3	Reach 3	589	T200 anni - Post	17.28	20.58	22.24	22.13	22.28	0.006550	0.84	20.66	76.98	0.51
River 3	Reach 3	589	T500 anni - Post	21.47	20.58	22.29	22.17	22.33	0.006111	0.88	24.18	78.57	0.51
River 3	Reach 3	538	T25 anni - Ante	8.19	20.73	21.39	21.38	21.45	0.027997	1.34	4.57	26.67	0.99
River 3	Reach 3	538	T50 anni - Ante	8.37	20.73	21.41	21.41	21.52	0.026838	1.42	5.88	28.06	0.99
River 3	Reach 3	538	T100 anni - Ante	10.63	20.72	21.46	21.46	21.57	0.025172	1.53	7.09	29.68	1.00
River 3	Reach 3	538	T200 anni - Ante	13.42	20.73	21.50	21.50	21.63	0.024425	1.63	8.38	31.08	1.00
River 3	Reach 3	538	T500 anni - Ante	17.01	20.77	21.55	21.55	21.70	0.023804	1.78	10.81	34.38	1.00
River 3	Reach 3	538	T25 anni - Post	8.44	20.73	21.42	21.42	21.50	0.026617	1.42	5.92	28.06	0.99
River 3	Reach 3	538	T50 anni - Post	11.23	20.73	21.46	21.46	21.58	0.024898	1.54	7.27	29.83	1.00
River 3	Reach 3	538	T100 anni - Post	14.18	20.73	21.51	21.51	21.64	0.024892	1.64	8.85	31.51	1.00
River 3	Reach 3	538	T200 anni - Post	17.28	20.73	21.56	21.56	21.70	0.023468	1.73	10.17	34.43	1.00
River 3	Reach 3	538	T500 anni - Post	21.47	20.73	21.60	21.60	21.77	0.022857	1.88	11.82	38.18	1.00
River 3	Reach 3	484	T25 anni - Ante	8.19	20.26	20.71	20.59	20.73	0.005165	0.73	8.86	36.58	0.45
River 3	Reach 3	484	T50 anni - Ante	8.37	20.26	20.76	20.60	20.79	0.005433	0.79	10.74	38.06	0.47
River 3	Reach 3	484	T100 anni - Ante	10.63	20.26	20.81	20.67	20.85	0.005627	0.86	12.74	41.72	0.48
River 3	Reach 3	484	T200 anni - Ante	13.42	20.26	20.89	20.71	20.90	0.005863	0.93	14.54	43.41	0.51
River 3	Reach 3	484	T500 anni - Ante	17.01	20.26	20.81	20.75	20.96	0.006155	1.06	16.83	46.11	0.53
River 3	Reach 3	484	T25 anni - Post	8.44	20.26	20.77	20.64	20.80	0.005438	0.78	10.81	38.21	0.47
River 3	Reach 3	484	T50 anni - Post	11.23	20.26	20.82	20.68	20.86	0.005652	0.86	13.03	41.96	0.46
River 3	Reach 3	484	T100 anni - Post	14.18	20.26	20.87	20.72	20.91	0.005838	0.94	15.05	43.87	0.51
River 3	Reach 3	484	T200 anni - Post	17.28	20.26	20.81	20.76	20.96	0.006181	1.01	17.09	48.33	0.52
River 3	Reach 3	484	T500 anni - Post	21.47	20.26	20.97	20.81	21.00	0.006356	1.06	19.79	48.17	0.55
River 3	Reach 3	435	T25 anni - Ante	8.19	19.88	20.15	20.15	20.22	0.028718	1.23	4.98	32.48	1.01
River 3	Reach 3	435	T50 anni - Ante	8.37	19.88	20.19	20.19	20.27	0.029161	1.28	6.53	41.18	1.01
River 3	Reach 3	435	T100 anni - Ante	10.63	19.88	20.22	20.22	20.32	0.028858	1.37	7.83	43.17	1.02
River 3	Reach 3	435	T200 anni - Ante	13.42	19.88	20.25	20.25	20.36	0.027148	1.45	9.28	44.26	1.01
River 3	Reach 3	435	T500 anni - Ante	17.01	19.88	20.29	20.29	20.41	0.025858	1.53	11.11	46.99	1.01
River 3	Reach 3	435	T25 anni - Post	8.44	19.88	20.19	20.19	20.27	0.028241	1.27	6.67	41.32	1.01
River 3	Reach 3	435	T50 anni - Post	11.23	19.88	20.23	20.23	20.32	0.026448	1.38	8.13	43.33	1.00
River 3	Reach 3	435	T100 anni - Post	14.18	19.88	20.26	20.26	20.37	0.026727	1.47	9.65	44.68	1.01
River 3	Reach 3	435	T200 anni - Post	17.28	19.88	20.30	20.30	20.42	0.025523	1.53	11.28	47.28	1.00
River 3	Reach 3	435	T500 anni - Post	21.47	19.88	20.34	20.34	20.47	0.025356	1.62	13.22	58.71	1.02
River 3	Reach 3	386	T25 anni - Ante	8.19	19.26	19.54	19.44	19.55	0.004655	0.47	13.03	93.56	0.40
River 3	Reach 3	386	T50 anni - Ante	8.37	19.26	19.57	19.47	19.58	0.004500	0.51	16.49	108.34	0.40
River 3	Reach 3	386	T100 anni - Ante	10.63	19.26	19.61	19.50	19.63	0.004328	0.54	20.34	119.14	0.40
River 3	Reach 3	386	T200 anni - Ante	13.42	19.26	19.64	19.52	19.66	0.004306	0.57	23.48	113.06	0.40
River 3	Reach 3	386	T500 anni - Ante	17.01	19.26	19.67	19.55	19.69	0.004343	0.62	27.58	119.01	0.41
River 3	Reach 3	386	T25 anni - Post	8.44	19.26	19.59	19.48	19.59	0.004528	0.51	16.61	108.96	0.40
River 3	Reach 3	386	T50 anni - Post	11.23	19.26	19.62	19.50	19.63	0.004298	0.54	20.81	118.31	0.40
River 3	Reach 3	386	T100 anni - Post	14.18	19.26	19.65	19.52	19.66	0.004324	0.58	24.33	115.25	0.40
River 3	Reach 3	386	T200 anni - Post	17.28	19.26	19.65	19.56	19.70	0.004258	0.62	27.83	118.28	0.41
River 3	Reach 3	386	T500 anni - Post	21.47	19.26	19.71	19.58	19.74	0.004109	0.68	32.39	123.42	0.41
River 3	Reach 3	338	T25 anni - Ante	8.19	18.83	18.98	18.98	19.08	0.027818	1.53	4.58	25.38	1.00
River 3	Reach 3	338	T50 anni - Ante	8.37	18.83	19.03	19.03	19.14	0.026031	1.43	5.85	28.01	1.00
River 3	Reach 3	338	T100 anni - Ante	10.63	18.83	19.08	19.08	19.19	0.026804	1.48	7.28	32.89	1.00
River 3	Reach 3	338	T200 anni - Ante	13.42	18.83	19.13	19.13	19.22	0.027272	1.37	9.83	51.08	1.00
River 3	Reach 3	338	T500 anni - Ante	17.01	18.83	19.17	19.17	19.27	0.026412	1.43	11.90	58.03	1.00

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 3	Reach 3	338	T25 anni - Post	8.44	18.63	19.03	19.03	19.14	0.026783	1.44	5.86	29.02	1.01
River 3	Reach 3	338	T50 anni - Post	11.23	18.63	19.09	19.09	19.20	0.026108	1.50	7.51	33.33	1.01
River 3	Reach 3	338	T100 anni - Post	14.18	18.63	19.14	19.14	19.23	0.027188	1.38	10.20	52.24	1.00
River 3	Reach 3	338	T200 anni - Post	17.28	18.63	19.17	19.17	19.27	0.026258	1.43	12.84	57.38	1.00
River 3	Reach 3	338	T500 anni - Post	21.47	18.63	19.21	19.21	19.32	0.025698	1.50	14.33	62.62	1.00
River 3	Reach 3	288	T25 anni - Ante	8.13	18.12	18.78	18.43	18.78	0.000252	0.22	27.71	86.08	0.12
River 3	Reach 3	288	T50 anni - Ante	8.37	18.12	18.81	18.48	18.81	0.000518	0.28	30.24	88.04	0.15
River 3	Reach 3	288	T100 anni - Ante	10.60	18.12	18.85	18.52	18.85	0.000624	0.32	33.06	89.79	0.17
River 3	Reach 3	288	T200 anni - Ante	13.42	18.12	18.89	18.56	18.89	0.000681	0.36	37.24	90.98	0.18
River 3	Reach 3	288	T500 anni - Ante	17.01	18.12	18.95	18.59	18.96	0.000695	0.46	42.87	91.75	0.18
River 3	Reach 3	288	T25 anni - Post	8.44	18.12	18.81	18.48	18.81	0.000514	0.28	30.32	88.11	0.15
River 3	Reach 3	288	T50 anni - Post	11.23	18.12	18.85	18.53	18.86	0.000658	0.33	34.05	88.94	0.17
River 3	Reach 3	288	T100 anni - Post	14.18	18.12	18.90	18.56	18.91	0.000698	0.37	38.41	90.58	0.18
River 3	Reach 3	288	T200 anni - Post	17.28	18.12	18.95	18.58	18.96	0.000659	0.42	42.39	91.93	0.18
River 3	Reach 3	288	T500 anni - Post	21.47	18.12	19.03	18.62	19.04	0.000654	0.42	50.71	94.01	0.18
River 3	Reach 3	238	T25 anni - Ante	8.13	17.91	18.77	18.21	18.77	0.000108	0.14	45.83	110.42	0.07
River 3	Reach 3	238	T50 anni - Ante	8.37	17.91	18.80	18.24	18.80	0.000155	0.18	46.59	111.38	0.09
River 3	Reach 3	238	T100 anni - Ante	10.60	17.91	18.83	18.28	18.83	0.000222	0.22	50.36	114.26	0.10
River 3	Reach 3	238	T200 anni - Ante	13.42	17.91	18.87	18.32	18.87	0.000353	0.24	54.82	116.54	0.11
River 3	Reach 3	238	T500 anni - Ante	17.01	17.91	18.93	18.36	18.94	0.000338	0.27	62.14	118.98	0.12
River 3	Reach 3	238	T25 anni - Post	8.44	17.91	18.80	18.25	18.80	0.000167	0.18	46.69	111.42	0.09
River 3	Reach 3	238	T50 anni - Post	11.23	17.91	18.84	18.28	18.84	0.000238	0.22	50.88	114.73	0.11
River 3	Reach 3	238	T100 anni - Post	14.18	17.91	18.88	18.33	18.88	0.000278	0.25	56.29	117.06	0.12
River 3	Reach 3	238	T200 anni - Post	17.28	17.91	18.94	18.37	18.94	0.000299	0.28	62.79	118.96	0.12
River 3	Reach 3	238	T500 anni - Post	21.47	17.91	19.01	18.40	19.02	0.000392	0.30	72.42	125.03	0.12
River 3	Reach 3	188	T25 anni - Ante	8.13	17.98	18.74	18.74	18.78	0.002335	0.58	10.34	29.87	0.32
River 3	Reach 3	188	T50 anni - Ante	8.37	17.98	18.74	18.74	18.77	0.004098	0.81	10.34	29.87	0.46
River 3	Reach 3	188	T100 anni - Ante	10.60	17.98	18.74	18.74	18.80	0.007364	1.06	10.34	29.87	0.57
River 3	Reach 3	188	T200 anni - Ante	13.42	17.98	18.74	18.74	18.83	0.011308	1.30	10.34	29.87	0.70
River 3	Reach 3	188	T500 anni - Ante	17.01	17.98	18.74	18.74	18.88	0.018108	1.65	10.34	29.87	0.89
River 3	Reach 3	188	T25 anni - Post	8.44	17.98	18.74	18.74	18.77	0.004472	0.82	10.34	29.87	0.46
River 3	Reach 3	188	T50 anni - Post	11.23	17.98	18.74	18.74	18.80	0.007918	1.09	10.34	29.87	0.59
River 3	Reach 3	188	T100 anni - Post	14.18	17.98	18.74	18.74	18.84	0.012625	1.37	10.34	29.87	0.74
River 3	Reach 3	188	T200 anni - Post	17.28	17.98	18.74	18.74	18.88	0.018708	1.67	10.34	29.87	0.91
River 3	Reach 3	188	T500 anni - Post	21.47	17.98	18.77	18.77	18.98	0.023479	1.92	11.21	38.23	1.00
River 3	Reach 3	138	T25 anni - Ante	8.13	16.88	17.71	17.49	17.78	0.000858	0.38	17.85	53.71	0.20
River 3	Reach 3	138	T50 anni - Ante	8.37	16.88	17.80	17.53	17.87	0.000853	0.38	22.11	63.03	0.20
River 3	Reach 3	138	T100 anni - Ante	10.60	16.88	17.85	17.57	17.96	0.000806	0.38	28.29	71.06	0.19
River 3	Reach 3	138	T200 anni - Ante	13.42	16.88	17.90	17.60	17.97	0.001188	0.48	28.86	71.53	0.22
River 3	Reach 3	138	T500 anni - Ante	17.01	16.88	18.05	17.64	18.06	0.001604	0.48	35.21	74.04	0.22
River 3	Reach 3	138	T25 anni - Post	8.44	16.88	17.80	17.54	17.87	0.000923	0.38	27.20	69.11	0.20
River 3	Reach 3	138	T50 anni - Post	11.23	16.88	17.97	17.58	17.97	0.000795	0.38	29.13	71.83	0.18
River 3	Reach 3	138	T100 anni - Post	14.18	16.88	17.99	17.61	17.99	0.001131	0.47	30.21	73.06	0.22
River 3	Reach 3	138	T200 anni - Post	17.28	16.88	18.05	17.64	18.07	0.000926	0.46	35.74	74.22	0.22
River 3	Reach 3	138	T500 anni - Post	21.47	16.88	18.14	17.69	18.16	0.000917	0.51	42.21	78.24	0.22
River 3	Reach 3	88	T25 anni - Ante	8.13	16.55	17.70	17.17	17.72	0.001502	0.58	10.49	22.21	0.27
River 3	Reach 3	88	T50 anni - Ante	8.37	16.55	17.75	17.28	17.80	0.001757	0.68	12.20	22.64	0.30
River 3	Reach 3	88	T100 anni - Ante	10.60	16.55	17.87	17.46	17.90	0.001894	0.78	14.30	24.21	0.31
River 3	Reach 3	88	T200 anni - Ante	13.42	16.55	17.82	17.56	17.87	0.003826	1.03	13.86	22.58	0.43
River 3	Reach 3	88	T500 anni - Ante	17.01	16.55	17.90	17.62	17.96	0.004602	1.13	15.82	24.75	0.46
River 3	Reach 3	88	T25 anni - Post	8.44	16.55	17.75	17.38	17.80	0.001701	0.68	12.28	22.68	0.30
River 3	Reach 3	88	T50 anni - Post	11.23	16.55	17.86	17.47	17.91	0.001848	0.77	14.59	24.48	0.32
River 3	Reach 3	88	T100 anni - Post	14.18	16.55	17.83	17.57	17.89	0.003693	1.05	13.47	22.98	0.44
River 3	Reach 3	88	T200 anni - Post	17.28	16.55	17.90	17.62	17.97	0.004104	1.14	15.15	24.85	0.47
River 3	Reach 3	88	T500 anni - Post	21.47	16.55	17.98	17.68	18.06	0.004613	1.26	17.01	26.06	0.50
River 3	Reach 3	38	T25 anni - Ante	8.13	17.16	17.40	17.44	17.58	0.015800	1.04	5.88	28.68	0.71
River 3	Reach 3	38	T50 anni - Ante	8.37	17.16	17.54	17.49	17.61	0.013801	1.15	7.26	28.17	0.72
River 3	Reach 3	38	T100 anni - Ante	10.60	17.16	17.53	17.53	17.66	0.034803	1.56	6.80	27.98	1.00
River 3	Reach 3	38	T200 anni - Ante	13.42	17.16	17.58	17.58	17.62	0.005971	0.89	15.11	54.34	0.54
River 3	Reach 3	38	T500 anni - Ante	17.01	17.16	17.59	17.59	17.66	0.011204	1.13	15.11	54.33	0.68
River 3	Reach 3	38	T25 anni - Post	8.44	17.16	17.54	17.49	17.61	0.013801	1.18	7.30	28.28	0.73
River 3	Reach 3	38	T50 anni - Post	11.23	17.16	17.54	17.54	17.68	0.034728	1.57	7.13	28.08	1.00
River 3	Reach 3	38	T100 anni - Post	14.18	17.16	17.56	17.58	17.62	0.007764	0.94	15.11	54.33	0.57
River 3	Reach 3	38	T200 anni - Post	17.28	17.16	17.59	17.59	17.66	0.011598	1.14	15.11	54.33	0.68
River 3	Reach 3	38	T500 anni - Post	21.47	17.16	17.61	17.58	17.68	0.013611	1.28	16.82	56.08	0.74
River 2	Reach 2	334	T25 anni - Ante	0.72	38.71	38.84	38.82	38.86	0.019442	0.47	1.53	38.86	0.67
River 2	Reach 2	334	T50 anni - Ante	1.21	38.71	38.86	38.84	38.87	0.021367	0.57	2.12	34.48	0.73
River 2	Reach 2	334	T100 anni - Ante	1.68	38.71	38.88	38.86	38.90	0.022846	0.64	2.81	38.34	0.78
River 2	Reach 2	334	T200 anni - Ante	2.47	38.71	38.89	38.88	38.92	0.020813	0.72	3.42	43.13	0.81
River 2	Reach 2	334	T500 anni - Ante	3.47	38.71	38.92	38.90	38.96	0.018818	0.72	4.83	48.53	0.71
River 2	Reach 2	334	T25 anni - Post	1.43	38.71	38.87	38.85	38.88	0.021525	0.58	2.42	37.38	0.74
River 2	Reach 2	334	T50 anni - Post	2.09	38.71	38.88	38.87	38.91	0.023733	0.68	3.08	43.22	0.79
River 2	Reach 2	334	T100 anni - Post	2.94	38.71	38.91	38.89	38.93	0.018808	0.68	4.29	48.04	0.69
River 2	Reach 2	334	T200 anni - Post	3.65	38.71	38.92	38.90	38.95	0.018818	0.73	5.00	48.67	0.71
River 2	Reach 2	334	T500 anni - Post	4.84	38.71	38.95	38.92	38.98	0.017134	0.81	5.87	48.43	0.74
River 2	Reach 2	304	T25 anni - Ante	0.72	38.05	38.30	38.28	38.32	0.015352	0.75	0.96	7.98	0.69
River 2	Reach 2	304	T50 anni - Ante	1.21	38.05	38.36	38.31	38.39	0.012158	0.58	2.08	21.08	0.60
River 2	Reach 2	304	T100 anni - Ante	1.68	38.05	38.41	38.37	38.43	0.011167	0.62	2.92	25.62	0.59
River 2	Reach 2	304	T200 anni - Ante	2.47	38.05	38.44	38.38	38.47	0.010952	0.66	3.74	27.66	0.57
River 2	Reach 2	304	T500 anni - Ante	3.47	38.05	38.40	38.42	38.50	0.013201	0.81	4.28	28.28	0.67
River 2	Reach 2	304	T25 anni - Post	1.43	38.05	38.39	38.34	38.41	0.011834	0.58	2.44	24.18	0.58
River 2	Reach 2	304	T50 anni - Post	2.09	38.05	38.43	38.38	38.45	0.010559	0.63	3.31	27.08	0.56
River 2	Reach 2	304	T100 anni - Post	2.94	38.05	38.41	38.41	38.47	0.013798	0.77	3.70	27.81	0.67
River 2	Reach 2	304	T200 anni - Post	3.65	38.05	38.47	38.43	38.50	0.013218	0.83	4.40	28.34	0.67
River 2	Reach 2	304	T500 anni - Post	4.84	38.05	38.51	38.45	38.55	0.011818	0.88	5.89	32.51	0.65

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 2	Reach 2	276	T25 anni - Ante	0.72	35.72	35.97	35.91	35.99	0.009604	0.61	1.18	8.62	0.55
River 2	Reach 2	276	T50 anni - Ante	1.21	35.72	36.02	35.96	36.04	0.012767	0.63	1.81	17.98	0.62
River 2	Reach 2	276	T100 anni - Ante	1.68	35.72	36.05	36.02	36.08	0.014156	0.73	2.45	19.88	0.67
River 2	Reach 2	276	T200 anni - Ante	2.47	35.72	36.08	36.04	36.11	0.015894	0.88	3.11	24.48	0.71
River 2	Reach 2	276	T500 anni - Ante	3.47	35.72	36.14	36.08	36.16	0.010341	0.73	4.77	31.11	0.66
River 2	Reach 2	276	T25 anni - Post	1.43	35.72	36.03	35.97	36.06	0.013668	0.68	2.09	19.44	0.65
River 2	Reach 2	276	T50 anni - Post	2.09	35.72	36.06	36.02	36.09	0.014668	0.77	2.73	21.75	0.69
River 2	Reach 2	276	T100 anni - Post	2.84	35.72	36.12	36.06	36.14	0.009808	0.67	4.25	30.53	0.57
River 2	Reach 2	276	T200 anni - Post	3.65	35.72	36.14	36.09	36.17	0.010315	0.74	4.93	31.38	0.60
River 2	Reach 2	276	T500 anni - Post	4.84	35.72	36.16	36.12	36.20	0.012418	0.87	5.57	32.01	0.66
River 2	Reach 2	247	T25 anni - Ante	0.72	35.32	35.54	35.52	35.58	0.022308	0.89	0.81	6.97	0.83
River 2	Reach 2	247	T50 anni - Ante	1.21	35.32	35.64	35.59	35.66	0.013673	0.62	1.95	19.98	0.63
River 2	Reach 2	247	T100 anni - Ante	1.68	35.32	35.69	35.64	35.70	0.011624	0.62	2.90	28.17	0.60
River 2	Reach 2	247	T200 anni - Ante	2.47	35.32	35.71	35.67	35.74	0.010657	0.68	3.73	28.72	0.59
River 2	Reach 2	247	T500 anni - Ante	3.47	35.32	35.72	35.69	35.76	0.020088	0.92	3.79	28.85	0.81
River 2	Reach 2	247	T25 anni - Post	1.43	35.32	35.65	35.60	35.68	0.012298	0.60	2.37	23.40	0.60
River 2	Reach 2	247	T50 anni - Post	2.09	35.32	35.70	35.65	35.72	0.011133	0.64	3.26	27.77	0.59
River 2	Reach 2	247	T100 anni - Post	2.84	35.32	35.70	35.69	35.74	0.021347	0.87	3.25	27.78	0.81
River 2	Reach 2	247	T200 anni - Post	3.65	35.32	35.72	35.70	35.76	0.020103	0.93	3.93	29.13	0.81
River 2	Reach 2	247	T500 anni - Post	4.84	35.32	35.76	35.73	35.81	0.015146	0.92	5.24	31.88	0.73
River 2	Reach 2	226	T25 anni - Ante	0.72	34.94	35.19		35.22	0.013704	0.72	1.00	8.18	0.66
River 2	Reach 2	226	T50 anni - Ante	1.21	34.94	35.20	35.20	35.26	0.027405	1.08	1.12	8.63	0.96
River 2	Reach 2	226	T100 anni - Ante	1.68	34.94	35.27	35.27	35.32	0.031808	1.01	1.79	16.77	0.98
River 2	Reach 2	226	T200 anni - Ante	2.47	34.94	35.30	35.30	35.35	0.037624	1.03	2.40	24.66	1.05
River 2	Reach 2	226	T500 anni - Ante	3.47	34.94	35.36	35.32	35.40	0.014636	0.80	4.36	32.28	0.69
River 2	Reach 2	226	T25 anni - Post	1.43	34.94	35.22	35.22	35.29	0.031236	1.18	1.21	8.75	1.01
River 2	Reach 2	226	T50 anni - Post	2.09	34.94	35.29	35.29	35.33	0.034858	0.97	2.16	22.65	1.01
River 2	Reach 2	226	T100 anni - Post	2.84	34.94	35.35	35.31	35.38	0.012605	0.74	3.83	29.78	0.66
River 2	Reach 2	226	T200 anni - Post	3.65	34.94	35.37	35.33	35.40	0.014838	0.80	4.56	30.32	0.69
River 2	Reach 2	226	T500 anni - Post	4.84	34.94	35.38		35.43	0.020628	0.97	4.97	30.56	0.83
River 2	Reach 2	200	T25 anni - Ante	0.72	34.48	34.60	34.60	34.74	0.033275	1.08	0.66	5.58	1.00
River 2	Reach 2	200	T50 anni - Ante	1.21	34.48	34.70	34.78	34.81	0.014143	0.64	1.88	18.74	0.65
River 2	Reach 2	200	T100 anni - Ante	1.68	34.48	34.84	34.78	34.86	0.011123	0.54	3.03	28.33	0.58
River 2	Reach 2	200	T200 anni - Ante	2.47	34.48	34.86	34.82	34.88	0.012837	0.64	3.84	33.66	0.61
River 2	Reach 2	200	T500 anni - Ante	3.47	34.48	34.85	34.85	34.90	0.035003	1.08	3.27	28.24	1.01
River 2	Reach 2	200	T25 anni - Post	1.43	34.48	34.81	34.77	34.83	0.012128	0.58	2.41	23.98	0.60
River 2	Reach 2	200	T50 anni - Post	2.09	34.48	34.84	34.80	34.87	0.012455	0.64	3.24	28.11	0.62
River 2	Reach 2	200	T100 anni - Post	2.84	34.48	34.83	34.83	34.88	0.038695	1.06	2.69	28.98	1.07
River 2	Reach 2	200	T200 anni - Post	3.65	34.48	34.85	34.85	34.91	0.033838	1.08	3.38	29.65	1.02
River 2	Reach 2	200	T500 anni - Post	4.84	34.48	34.90		34.94	0.021176	0.96	5.16	38.58	0.82
River 2	Reach 2	179	T25 anni - Ante	0.72	34.08	34.35	34.24	34.36	0.005807	0.38	1.88	23.17	0.42
River 2	Reach 2	179	T50 anni - Ante	1.21	34.08	34.32	34.28	34.36	0.025808	0.82	1.47	18.44	0.87
River 2	Reach 2	179	T100 anni - Ante	1.68	34.08	34.34	34.34	34.38	0.041712	0.97	1.86	22.56	1.07
River 2	Reach 2	179	T200 anni - Ante	2.47	34.08	34.37	34.37	34.42	0.037458	0.94	2.83	36.62	1.03
River 2	Reach 2	179	T500 anni - Ante	3.47	34.08	34.60	34.40	34.67	0.000538	0.22	15.83	66.77	0.15
River 2	Reach 2	179	T25 anni - Post	1.43	34.08	34.32	34.32	34.37	0.035604	0.94	1.52	18.08	1.00
River 2	Reach 2	179	T50 anni - Post	2.09	34.08	34.36	34.36	34.40	0.033447	0.92	2.29	25.24	0.98
River 2	Reach 2	179	T100 anni - Post	2.84	34.08	34.47	34.38	34.48	0.003603	0.45	6.31	38.56	0.36
River 2	Reach 2	179	T200 anni - Post	3.65	34.08	34.72	34.40	34.72	0.000343	0.18	19.49	75.57	0.12
River 2	Reach 2	179	T500 anni - Post	4.84	34.08	34.82		34.82	0.000109	0.12	39.89	111.07	0.07
River 2	Reach 2	141	T25 anni - Ante	0.72	33.69	33.89	33.86	33.89	0.041848	0.80	0.90	14.52	1.00
River 2	Reach 2	141	T50 anni - Ante	1.21	33.69	33.94		33.95	0.005473	0.38	3.23	35.14	0.40
River 2	Reach 2	141	T100 anni - Ante	1.68	33.69	34.15	33.91	34.15	0.000248	0.15	11.41	44.92	0.10
River 2	Reach 2	141	T200 anni - Ante	2.47	33.69	34.36	33.93	34.36	0.000067	0.10	25.42	77.78	0.06
River 2	Reach 2	141	T500 anni - Ante	3.47	33.69	34.66		34.66	0.000028	0.06	55.20	128.06	0.03
River 2	Reach 2	141	T25 anni - Post	1.43	33.69	34.03	33.90	34.03	0.000617	0.23	6.28	38.37	0.16
River 2	Reach 2	141	T50 anni - Post	2.09	33.69	34.24	33.92	34.25	0.000158	0.12	16.75	67.15	0.08
River 2	Reach 2	141	T100 anni - Post	2.84	33.69	34.48		34.48	0.000057	0.08	34.92	98.98	0.04
River 2	Reach 2	141	T200 anni - Post	3.65	33.69	34.72		34.72	0.000018	0.06	62.43	137.48	0.03
River 2	Reach 2	141	T500 anni - Post	4.84	33.69	34.92		34.92	0.000008	0.05	92.86	154.72	0.02
River 2	Reach 2	108	T25 anni - Ante	0.72	32.98	33.73	33.16	33.73	0.000075	0.14	5.16	8.85	0.06
River 2	Reach 2	108	T50 anni - Ante	1.21	32.98	33.94	33.21	33.94	0.000104	0.18	7.43	14.28	0.07
River 2	Reach 2	108	T100 anni - Ante	1.68	32.98	34.15	33.28	34.15	0.000133	0.13	14.24	48.78	0.07
River 2	Reach 2	108	T200 anni - Ante	2.47	32.98	34.36	33.31	34.36	0.000057	0.09	29.71	93.83	0.05
River 2	Reach 2	108	T500 anni - Ante	3.47	32.98	34.66	33.37	34.66	0.000011	0.05	65.55	157.38	0.02
River 2	Reach 2	108	T25 anni - Post	1.43	32.98	34.02	33.23	34.02	0.000106	0.16	9.11	38.08	0.09
River 2	Reach 2	108	T50 anni - Post	2.09	32.98	34.24	33.28	34.24	0.000083	0.11	19.50	58.95	0.05
River 2	Reach 2	108	T100 anni - Post	2.84	32.98	34.47	33.33	34.47	0.000033	0.07	41.53	128.14	0.04
River 2	Reach 2	108	T200 anni - Post	3.65	32.98	34.72	33.38	34.72	0.000009	0.05	73.86	158.47	0.02
River 2	Reach 2	108	T500 anni - Post	4.84	32.98	34.92	33.45	34.92	0.000008	0.05	100.23	178.66	0.02
River 2	Reach 2	100		Culvert									
River 2	Reach 2	54	T25 anni - Ante	0.72	32.36	33.07		33.08	0.000291	0.28	2.60	6.09	0.12
River 2	Reach 2	54	T50 anni - Ante	1.21	32.36	33.15		33.16	0.000538	0.38	3.39	6.64	0.16
River 2	Reach 2	54	T100 anni - Ante	1.68	32.36	33.21		33.23	0.000872	0.48	3.77	6.94	0.21
River 2	Reach 2	54	T200 anni - Ante	2.47	32.36	33.35		33.38	0.001324	0.60	4.88	7.23	0.26
River 2	Reach 2	54	T500 anni - Ante	3.47	32.36	33.31		33.36	0.002841	0.77	4.48	7.58	0.32
River 2	Reach 2	54	T25 anni - Post	1.43	32.36	33.16		33.19	0.000858	0.48	3.56	6.75	0.18
River 2	Reach 2	54	T50 anni - Post	2.09	32.36	33.22		33.25	0.001864	0.53	3.91	7.07	0.23
River 2	Reach 2	54	T100 anni - Post	2.84	32.36	33.25		33.30	0.001593	0.67	4.24	7.37	0.28
River 2	Reach 2	54	T200 anni - Post	3.65	32.36	33.32		33.35	0.002174	0.80	4.55	7.64	0.33
River 2	Reach 2	54	T500 anni - Post	4.84	32.36	33.37		33.42	0.003872	0.98	4.90	8.03	0.40
River 2	Reach 2	28	T25 anni - Ante	0.72	32.84	32.99	32.98	33.05	0.032002	1.04	0.68	6.38	1.01
River 2	Reach 2	28	T50 anni - Ante	1.21	32.84	33.06	33.04	33.11	0.024635	1.01	1.18	9.09	0.89
River 2	Reach 2	28	T100 anni - Ante	1.68	32.84	33.12	33.12	33.16	0.022958	0.78	2.36	27.42	0.82
River 2	Reach 2	28	T200 anni - Ante	2.47	32.84	33.16		33.19	0.022118	0.79	3.12	31.66	0.81

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 2	Reach 2	28	T580 anni - Ante	3.47	32.84	33.18		33.22	0.018817	0.66	4.83	33.38	0.19
River 2	Reach 2	28	T25 anni - Post	1.43	32.84	33.11	33.08	33.14	0.024858	0.74	1.83	23.68	0.30
River 2	Reach 2	28	T58 anni - Post	2.08	32.84	33.14	33.13	33.17	0.023199	0.77	2.71	28.78	0.31
River 2	Reach 2	28	T180 anni - Post	2.84	32.84	33.17		33.20	0.021708	0.82	3.45	32.58	0.31
River 2	Reach 2	28	T280 anni - Post	3.65	32.84	33.19		33.23	0.019856	0.87	4.19	33.53	0.32
River 2	Reach 2	28	T580 anni - Post	4.84	32.84	33.22		33.26	0.018299	0.95	5.11	34.41	0.33
River 2	Reach 2	8	T25 anni - Ante	0.72	32.04	32.53	32.43	32.58	0.011818	1.05	0.69	2.58	0.64
River 2	Reach 2	8	T58 anni - Ante	1.21	32.04	32.70	32.55	32.76	0.011821	0.78	1.60	15.08	0.61
River 2	Reach 2	8	T180 anni - Ante	1.69	32.04	32.80	32.70	32.82	0.011808	0.68	2.65	19.87	0.59
River 2	Reach 2	8	T280 anni - Ante	2.47	32.04	32.81	32.77	32.86	0.011800	0.79	3.23	21.96	0.61
River 2	Reach 2	8	T580 anni - Ante	3.47	32.04	32.88	32.81	32.91	0.011814	0.78	4.43	28.86	0.62
River 2	Reach 2	8	T25 anni - Post	1.43	32.04	32.76	32.59	32.80	0.011629	0.64	2.23	18.14	0.56
River 2	Reach 2	8	T58 anni - Post	2.08	32.04	32.81	32.78	32.84	0.011818	0.71	2.86	20.87	0.60
River 2	Reach 2	8	T180 anni - Post	2.84	32.04	32.85	32.79	32.88	0.011809	0.78	3.66	22.48	0.61
River 2	Reach 2	8	T280 anni - Post	3.65	32.04	32.89	32.81	32.91	0.011802	0.79	4.60	27.41	0.62
River 2	Reach 2	8	T580 anni - Post	4.84	32.04	32.92	32.85	32.96	0.011808	0.86	5.62	28.61	0.63
River 1	Reach 1	1708	T25 anni - Ante	1.08	42.71	43.16	42.99	43.18	0.000372	0.19	9.70	38.01	0.12
River 1	Reach 1	1708	T58 anni - Ante	2.71	42.71	43.21	42.92	43.21	0.000474	0.23	11.88	41.88	0.14
River 1	Reach 1	1708	T180 anni - Ante	3.63	42.71	43.22	42.95	43.23	0.000743	0.30	12.24	42.58	0.18
River 1	Reach 1	1708	T280 anni - Ante	4.63	42.71	43.27	42.97	43.27	0.000826	0.33	14.25	45.12	0.19
River 1	Reach 1	1708	T580 anni - Ante	6.02	42.71	43.32	43.01	43.32	0.000896	0.37	16.46	48.24	0.20
River 1	Reach 1	1708	T25 anni - Post	2.65	42.71	43.21	42.92	43.21	0.000466	0.23	11.58	41.74	0.14
River 1	Reach 1	1708	T58 anni - Post	3.68	42.71	43.23	42.95	43.23	0.000745	0.30	12.35	42.72	0.18
River 1	Reach 1	1708	T180 anni - Post	4.68	42.71	43.27	42.98	43.28	0.000832	0.33	14.39	45.65	0.19
River 1	Reach 1	1708	T280 anni - Post	5.99	42.71	43.32	43.00	43.32	0.000895	0.36	16.43	48.19	0.20
River 1	Reach 1	1708	T580 anni - Post	7.64	42.71	43.37	43.06	43.38	0.000933	0.39	19.36	52.07	0.21
River 1	Reach 1	1707	T25 anni - Ante	1.08	42.48	43.16		43.18	0.000834	0.07	29.80	69.28	0.03
River 1	Reach 1	1707	T58 anni - Ante	2.71	42.48	43.21		43.21	0.000838	0.09	31.40	70.31	0.04
River 1	Reach 1	1707	T180 anni - Ante	3.63	42.48	43.22		43.23	0.000858	0.11	32.31	70.93	0.05
River 1	Reach 1	1707	T280 anni - Ante	4.63	42.48	43.26		43.26	0.000871	0.13	35.24	71.58	0.06
River 1	Reach 1	1707	T580 anni - Ante	6.02	42.48	43.32		43.32	0.000888	0.15	39.95	72.51	0.07
River 1	Reach 1	1707	T25 anni - Post	2.65	42.48	43.21		43.21	0.000834	0.09	31.21	70.19	0.04
River 1	Reach 1	1707	T58 anni - Post	3.68	42.48	43.23		43.23	0.000858	0.11	32.69	70.97	0.05
River 1	Reach 1	1707	T180 anni - Post	4.68	42.48	43.27		43.27	0.000873	0.13	35.77	71.71	0.06
River 1	Reach 1	1707	T280 anni - Post	5.99	42.48	43.31		43.32	0.000897	0.15	39.87	72.48	0.07
River 1	Reach 1	1707	T580 anni - Post	7.64	42.48	43.37		43.37	0.000108	0.19	45.13	79.19	0.07
River 1	Reach 1	1707	T25 anni - Ante	1.08	42.48	43.16		43.18	0.000847	0.08	22.61	69.13	0.05
River 1	Reach 1	1707	T58 anni - Ante	2.71	42.48	43.21		43.21	0.000894	0.11	25.58	68.18	0.05
River 1	Reach 1	1707	T180 anni - Ante	3.63	42.48	43.22		43.23	0.000107	0.14	26.37	67.52	0.07
River 1	Reach 1	1707	T280 anni - Ante	4.63	42.48	43.26		43.26	0.000128	0.16	29.14	68.12	0.08
River 1	Reach 1	1707	T580 anni - Ante	6.02	42.48	43.31		43.31	0.000152	0.18	32.89	70.81	0.09
River 1	Reach 1	1707	T25 anni - Post	2.65	42.48	43.21		43.21	0.000850	0.10	25.41	68.11	0.05
River 1	Reach 1	1707	T58 anni - Post	3.68	42.48	43.22		43.22	0.000107	0.14	26.54	67.62	0.07
River 1	Reach 1	1707	T180 anni - Post	4.68	42.48	43.27		43.27	0.000131	0.16	29.85	69.36	0.08
River 1	Reach 1	1707	T280 anni - Post	5.99	42.48	43.31		43.31	0.000152	0.18	32.62	70.74	0.09
River 1	Reach 1	1707	T580 anni - Post	7.64	42.48	43.37		43.37	0.000178	0.21	36.75	73.94	0.09
River 1	Reach 1	1678	T25 anni - Ante	1.08	42.71	43.16		43.18	0.000367	0.16	11.74	68.64	0.12
River 1	Reach 1	1678	T58 anni - Ante	2.71	42.71	43.20		43.20	0.000389	0.18	14.70	64.22	0.12
River 1	Reach 1	1678	T180 anni - Ante	3.63	42.71	43.21		43.21	0.000824	0.24	15.24	64.58	0.16
River 1	Reach 1	1678	T280 anni - Ante	4.63	42.71	43.25		43.25	0.000826	0.26	17.82	66.78	0.16
River 1	Reach 1	1678	T580 anni - Ante	6.02	42.71	43.30		43.30	0.000848	0.28	21.24	71.38	0.17
River 1	Reach 1	1678	T25 anni - Post	2.65	42.71	43.20		43.20	0.000355	0.18	14.64	64.18	0.12
River 1	Reach 1	1678	T58 anni - Post	3.68	42.71	43.21		43.22	0.000828	0.24	15.40	64.78	0.15
River 1	Reach 1	1678	T180 anni - Post	4.68	42.71	43.25		43.25	0.000850	0.26	19.20	67.84	0.16
River 1	Reach 1	1678	T280 anni - Post	5.99	42.71	43.30		43.30	0.000847	0.28	21.19	71.29	0.17
River 1	Reach 1	1678	T580 anni - Post	7.64	42.71	43.36		43.36	0.000814	0.30	25.22	73.79	0.17
River 1	Reach 1	1648	T25 anni - Ante	1.08	42.78	43.12	43.01	43.13	0.003701	0.48	3.88	21.91	0.37
River 1	Reach 1	1648	T58 anni - Ante	2.71	42.78	43.16	43.04	43.18	0.004271	0.58	4.82	23.94	0.43
River 1	Reach 1	1648	T180 anni - Ante	3.63	42.78	43.61	43.07	43.15	0.029104	1.24	2.83	18.72	1.00
River 1	Reach 1	1648	T280 anni - Ante	4.63	42.78	43.11	43.11	43.19	0.027808	1.28	3.63	21.48	0.99
River 1	Reach 1	1648	T580 anni - Ante	6.02	42.78	43.17	43.14	43.24	0.019536	1.18	5.10	24.98	0.83
River 1	Reach 1	1648	T25 anni - Post	2.65	42.78	43.10	43.04	43.17	0.004165	0.59	4.78	23.67	0.39
River 1	Reach 1	1648	T58 anni - Post	3.68	42.78	43.60	43.06	43.15	0.025208	1.23	2.99	18.93	0.99
River 1	Reach 1	1648	T180 anni - Post	4.68	42.78	43.11	43.11	43.20	0.028847	1.38	3.68	21.51	1.01
River 1	Reach 1	1648	T280 anni - Post	5.99	42.78	43.17	43.14	43.24	0.019978	1.18	5.08	24.92	0.83
River 1	Reach 1	1648	T580 anni - Post	7.64	42.78	43.23	43.18	43.31	0.016241	1.08	7.83	38.18	0.72
River 1	Reach 1	1613	T25 anni - Ante	1.08	42.26	42.70	42.78	42.83	0.040349	0.84	2.24	33.73	1.02
River 1	Reach 1	1613	T58 anni - Ante	2.71	42.26	42.81	42.87	42.98	0.034471	0.92	2.96	33.37	0.99
River 1	Reach 1	1613	T180 anni - Ante	3.63	42.26	42.84	42.84	42.95	0.002568	0.38	10.25	68.23	0.29
River 1	Reach 1	1613	T280 anni - Ante	4.63	42.26	42.84	42.84	42.96	0.004178	0.48	10.25	68.23	0.37
River 1	Reach 1	1613	T580 anni - Ante	6.02	42.26	42.84	42.84	42.98	0.007664	0.59	10.25	68.23	0.49
River 1	Reach 1	1613	T25 anni - Post	2.65	42.26	42.81	42.81	42.98	0.037364	0.90	2.94	33.19	1.00
River 1	Reach 1	1613	T58 anni - Post	3.68	42.26	42.84	42.84	42.95	0.002648	0.38	10.25	68.23	0.30
River 1	Reach 1	1613	T180 anni - Post	4.68	42.26	42.84	42.84	42.95	0.004625	0.47	10.15	68.03	0.38
River 1	Reach 1	1613	T280 anni - Post	5.99	42.26	42.84	42.84	42.96	0.006893	0.58	10.25	68.23	0.49
River 1	Reach 1	1613	T580 anni - Post	7.64	42.26	42.84	42.84	42.97	0.011377	0.73	10.25	68.23	0.62
River 1	Reach 1	1558	T25 anni - Ante	1.08	41.95	42.22	42.19	42.23	0.010138	0.61	5.89	56.93	0.67
River 1	Reach 1	1558	T58 anni - Ante	2.71	41.95	42.27	42.21	42.28	0.007809	0.49	5.51	51.78	0.45
River 1	Reach 1	1558	T180 anni - Ante	3.63	41.95	42.30	42.24	42.32	0.004818	0.48	7.57	58.04	0.43
River 1	Reach 1	1558	T280 anni - Ante	4.63	41.95	42.34	42.25	42.35	0.004008	0.48	10.82	66.64	0.58
River 1	Reach 1	1558	T580 anni - Ante	6.02	41.95	42.38	42.27	42.40	0.003765	0.48	13.80	78.33	0.36
River 1	Reach 1	1558	T25 anni - Post	2.65	41.95	42.30	42.21	42.28	0.007671	0.48	5.36	51.48	0.45
River 1	Reach 1	1558	T58 anni - Post	3.68	41.95	42.31	42.23	42.32	0.005745	0.48	7.89	66.58	0.43
River 1	Reach 1	1558	T180 anni - Post	4.68	41.95	42.35	42.25	42.36	0.004878	0.48	10.36	66.48	0.37
River 1	Reach 1	1558	T280 anni - Post	5.99	41.95	42.39	42.27	42.39	0.003774	0.48	12.84	78.17	0.36
River 1	Reach 1	1558	T580 anni - Post	7.64	41.95	42.43	42.29	42.44	0.003178	0.47	16.38	86.04	0.34

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
River 1	Reach 1	1525	T25 anni - Ante	1.08	41.27	42.14		42.14	0.001172	0.28	6.82	37.03	0.21
River 1	Reach 1	1525	T50 anni - Ante	2.71	41.27	42.18		42.18	0.001441	0.30	9.18	52.38	0.23
River 1	Reach 1	1525	T100 anni - Ante	3.63	41.27	42.24		42.24	0.001291	0.31	11.88	58.78	0.22
River 1	Reach 1	1525	T200 anni - Ante	4.63	41.27	42.28		42.28	0.001256	0.31	14.85	72.61	0.22
River 1	Reach 1	1525	T500 anni - Ante	8.02	41.27	42.33		42.33	0.001218	0.33	16.41	88.11	0.22
River 1	Reach 1	1525	T25 anni - Post	2.65	41.27	42.18		42.18	0.001432	0.28	9.86	51.38	0.23
River 1	Reach 1	1525	T50 anni - Post	3.68	41.27	42.24		42.24	0.001288	0.31	12.84	69.01	0.22
River 1	Reach 1	1525	T100 anni - Post	4.68	41.27	42.29		42.29	0.001294	0.31	15.28	73.83	0.22
River 1	Reach 1	1525	T200 anni - Post	5.98	41.27	42.33		42.33	0.001221	0.33	18.34	88.08	0.22
River 1	Reach 1	1525	T500 anni - Post	7.64	41.27	42.38		42.38	0.001108	0.34	22.25	97.11	0.22
River 1	Reach 1	1498	T25 anni - Ante	1.08	41.28	42.11		42.11	0.001858	0.27	7.84	37.04	0.20
River 1	Reach 1	1498	T50 anni - Ante	2.71	41.28	42.15		42.16	0.001133	0.31	8.78	38.92	0.21
River 1	Reach 1	1498	T100 anni - Ante	3.63	41.28	42.20		42.20	0.001425	0.34	10.73	48.58	0.23
River 1	Reach 1	1498	T200 anni - Ante	4.63	41.28	42.24		42.25	0.001658	0.35	13.21	61.97	0.24
River 1	Reach 1	1498	T500 anni - Ante	8.02	41.28	42.29		42.29	0.001843	0.37	16.38	74.25	0.25
River 1	Reach 1	1498	T25 anni - Post	2.65	41.28	42.15		42.15	0.001132	0.31	8.84	38.83	0.21
River 1	Reach 1	1498	T50 anni - Post	3.68	41.28	42.20		42.21	0.001433	0.34	10.88	58.28	0.23
River 1	Reach 1	1498	T100 anni - Post	4.68	41.28	42.25		42.25	0.001573	0.36	13.57	63.21	0.24
River 1	Reach 1	1498	T200 anni - Post	5.98	41.28	42.29		42.29	0.001643	0.37	16.29	74.08	0.25
River 1	Reach 1	1498	T500 anni - Post	7.64	41.28	42.34		42.34	0.001539	0.38	20.27	88.28	0.25
River 1	Reach 1	1468	T25 anni - Ante	1.08	41.03	42.03		42.04	0.007812	0.58	3.43	28.48	0.48
River 1	Reach 1	1468	T50 anni - Ante	2.71	41.03	42.07		42.09	0.007858	0.58	4.80	31.94	0.48
River 1	Reach 1	1468	T100 anni - Ante	3.63	41.03	42.10		42.12	0.006618	0.63	5.77	32.78	0.48
River 1	Reach 1	1468	T200 anni - Ante	4.63	41.03	42.14		42.17	0.005953	0.65	7.14	33.35	0.45
River 1	Reach 1	1468	T500 anni - Ante	8.02	41.03	42.19		42.21	0.005225	0.78	8.55	34.08	0.45
River 1	Reach 1	1468	T25 anni - Post	2.65	41.03	42.07		42.08	0.007882	0.57	4.81	31.87	0.48
River 1	Reach 1	1468	T50 anni - Post	3.68	41.03	42.10		42.12	0.006409	0.63	5.83	32.78	0.48
River 1	Reach 1	1468	T100 anni - Post	4.68	41.03	42.15		42.17	0.005347	0.66	7.31	33.43	0.45
River 1	Reach 1	1468	T200 anni - Post	5.98	41.03	42.18		42.21	0.005218	0.73	8.52	34.03	0.45
River 1	Reach 1	1468	T500 anni - Post	7.64	41.03	42.23		42.26	0.004617	0.74	10.30	42.28	0.45
River 1	Reach 1	1438	T25 anni - Ante	1.08	40.97	41.87		41.88	0.004238	0.48	4.09	26.79	0.38
River 1	Reach 1	1438	T50 anni - Ante	2.71	40.97	41.90		41.92	0.004733	0.54	5.01	27.95	0.41
River 1	Reach 1	1438	T100 anni - Ante	3.63	40.97	41.93		41.95	0.005373	0.62	5.82	28.93	0.44
River 1	Reach 1	1438	T200 anni - Ante	4.63	40.97	41.97		41.99	0.006034	0.63	7.33	48.51	0.47
River 1	Reach 1	1438	T500 anni - Ante	8.02	40.97	42.01		42.03	0.007192	0.68	8.76	47.07	0.51
River 1	Reach 1	1438	T25 anni - Post	2.65	40.97	41.90		41.91	0.004713	0.54	4.94	27.87	0.41
River 1	Reach 1	1438	T50 anni - Post	3.68	40.97	41.93		41.95	0.005406	0.63	5.87	29.03	0.45
River 1	Reach 1	1438	T100 anni - Post	4.68	40.97	41.98		42.00	0.006458	0.64	7.47	48.93	0.46
River 1	Reach 1	1438	T200 anni - Post	5.98	40.97	42.01		42.03	0.007182	0.68	8.74	47.08	0.51
River 1	Reach 1	1438	T500 anni - Post	7.64	40.97	42.04		42.06	0.007358	0.75	10.22	48.21	0.52
River 1	Reach 1	1405	T25 anni - Ante	1.08	40.86	41.55	41.57	41.60	0.022778	0.73	2.58	38.11	0.79
River 1	Reach 1	1405	T50 anni - Ante	2.71	40.86	41.63	41.60	41.66	0.017311	0.68	3.81	48.23	0.71
River 1	Reach 1	1405	T100 anni - Ante	3.63	40.86	41.65	41.62	41.68	0.015837	0.67	5.41	52.58	0.67
River 1	Reach 1	1405	T200 anni - Ante	4.63	40.86	41.69	41.64	41.71	0.013446	0.68	6.84	68.43	0.64
River 1	Reach 1	1405	T500 anni - Ante	8.02	40.86	41.71	41.67	41.74	0.012651	0.73	8.24	81.82	0.64
River 1	Reach 1	1405	T25 anni - Post	2.65	40.86	41.63	41.60	41.65	0.017692	0.78	3.76	38.08	0.72
River 1	Reach 1	1405	T50 anni - Post	3.68	40.86	41.66	41.62	41.68	0.014885	0.67	5.46	52.93	0.67
River 1	Reach 1	1405	T100 anni - Post	4.68	40.86	41.69	41.65	41.72	0.012636	0.68	7.10	68.91	0.63
River 1	Reach 1	1405	T200 anni - Post	5.98	40.86	41.71	41.67	41.74	0.012658	0.73	8.21	81.81	0.64
River 1	Reach 1	1405	T500 anni - Post	7.64	40.86	41.73		41.76	0.012798	0.88	8.51	92.88	0.66
River 1	Reach 1	1378	T25 anni - Ante	1.08	40.58	41.38		41.39	0.003833	0.38	5.23	48.93	0.34
River 1	Reach 1	1378	T50 anni - Ante	2.71	40.58	41.41		41.41	0.004838	0.42	6.39	51.08	0.38
River 1	Reach 1	1378	T100 anni - Ante	3.63	40.58	41.42		41.44	0.005534	0.58	7.28	51.77	0.43
River 1	Reach 1	1378	T200 anni - Ante	4.63	40.58	41.44		41.46	0.006037	0.56	8.24	52.58	0.45
River 1	Reach 1	1378	T500 anni - Ante	8.02	40.58	41.47		41.49	0.006102	0.62	9.69	54.18	0.47
River 1	Reach 1	1378	T25 anni - Post	2.65	40.58	41.40		41.41	0.004604	0.42	6.33	51.01	0.38
River 1	Reach 1	1378	T50 anni - Post	3.68	40.58	41.42		41.44	0.005829	0.51	7.28	51.78	0.43
River 1	Reach 1	1378	T100 anni - Post	4.68	40.58	41.44		41.46	0.006188	0.57	8.38	52.88	0.46
River 1	Reach 1	1378	T200 anni - Post	5.98	40.58	41.47		41.49	0.006114	0.62	9.88	54.18	0.47
River 1	Reach 1	1378	T500 anni - Post	7.64	40.58	41.50		41.52	0.005617	0.68	11.75	56.54	0.46
River 1	Reach 1	1348	T25 anni - Ante	1.08	40.38	41.09	41.08	41.12	0.037308	1.03	1.84	18.48	1.04
River 1	Reach 1	1348	T50 anni - Ante	2.71	40.38	41.13	41.09	41.16	0.015848	0.80	3.39	28.58	0.75
River 1	Reach 1	1348	T100 anni - Ante	3.63	40.38	41.20	41.13	41.22	0.009879	0.63	5.76	44.16	0.56
River 1	Reach 1	1348	T200 anni - Ante	4.63	40.38	41.25	41.16	41.26	0.007808	0.65	7.16	45.23	0.52
River 1	Reach 1	1348	T500 anni - Ante	8.02	40.38	41.26	41.19	41.28	0.007603	0.78	8.56	46.78	0.52
River 1	Reach 1	1348	T25 anni - Post	2.65	40.38	41.13	41.09	41.16	0.016878	0.81	3.27	28.37	0.75
River 1	Reach 1	1348	T50 anni - Post	3.68	40.38	41.20	41.13	41.22	0.009312	0.62	5.84	44.44	0.55
River 1	Reach 1	1348	T100 anni - Post	4.68	40.38	41.23	41.16	41.26	0.007815	0.65	7.44	45.48	0.51
River 1	Reach 1	1348	T200 anni - Post	5.98	40.38	41.26	41.19	41.28	0.007555	0.78	8.57	46.68	0.52
River 1	Reach 1	1348	T500 anni - Post	7.64	40.38	41.30	41.20	41.31	0.006391	0.81	9.40	47.54	0.55
River 1	Reach 1	1318	T25 anni - Ante	1.08	40.02	40.60	40.48	40.65	0.006828	0.98	1.80	5.56	0.54
River 1	Reach 1	1318	T50 anni - Ante	2.71	40.02	40.60		40.72	0.012875	1.34	2.03	5.78	0.72
River 1	Reach 1	1318	T100 anni - Ante	3.63	40.02	40.63	40.62	40.76	0.020628	1.77	2.05	6.86	0.86
River 1	Reach 1	1318	T200 anni - Ante	4.63	40.02	40.75	40.75	40.83	0.029886	1.23	3.75	34.46	1.01
River 1	Reach 1	1318	T500 anni - Ante	8.02	40.02	40.79	40.78	40.87	0.030052	1.38	4.84	38.12	1.02
River 1	Reach 1	1318	T25 anni - Post	2.65	40.02	40.60		40.71	0.011908	1.31	2.02	5.75	0.71
River 1	Reach 1	1318	T50 anni - Post	3.68	40.02	40.63	40.62	40.80	0.021536	1.80	2.05	5.78	0.97
River 1	Reach 1	1318	T100 anni - Post	4.68	40.02	40.75	40.75	40.84	0.032625	1.28	3.73	34.28	1.05
River 1	Reach 1	1318	T200 anni - Post	5.98	40.02	40.75	40.78	40.87	0.030551	1.38	4.80	37.98	1.02
River 1	Reach 1	1318	T500 anni - Post	7.64	40.02	40.85		40.92	0.018509	1.13	6.76	38.24	0.84
River 1	Reach 1	1288	T25 anni - Ante	1.08	40.08	40.63		40.63	0.000601	0.11	17.47	52.71	0.05
River 1	Reach 1	1288	T50 anni - Ante	2.71	40.08	40.67		40.67	0.000128	0.14	19.88	57.27	0.07
River 1	Reach 1	1288	T100 anni - Ante	3.63	40.08	40.72		40.72	0.000168	0.16	22.89	64.37	0.08
River 1	Reach 1	1288	T200 anni - Ante	4.63	40.08	40.76	40.28	40.76	0.000207	0.18	25.50	71.53	0.10
River 1	Reach 1	1288	T500 anni - Ante	8.02	40.08	40.81		40.81	0.000238	0.21	28.94	72.88	0.11

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
River 1	Reach 1	1258	T25 anni - Post	2.66	40.08	40.67		40.67	0.000117	0.13	19.80	56.02	0.07
River 1	Reach 1	1258	T50 anni - Post	3.69	40.08	40.72		40.72	0.000168	0.18	22.80	64.08	0.09
River 1	Reach 1	1258	T100 anni - Post	4.69	40.08	40.71	40.28	40.71	0.000211	0.18	26.81	71.71	0.10
River 1	Reach 1	1258	T200 anni - Post	5.99	40.08	40.81		40.81	0.000237	0.21	28.87	72.56	0.11
River 1	Reach 1	1258	T500 anni - Post	7.64	40.08	40.86		40.86	0.000266	0.23	32.54	74.95	0.11
River 1	Reach 1	1228	T25 anni - Ante	1.98	40.22	40.50	40.50	40.61	0.035544	0.98	1.90	19.63	1.02
River 1	Reach 1	1228	T50 anni - Ante	2.71	40.22	40.59	40.59	40.65	0.031816	1.08	2.46	20.36	1.00
River 1	Reach 1	1228	T100 anni - Ante	3.63	40.22	40.62	40.62	40.69	0.029853	1.18	3.13	22.35	0.99
River 1	Reach 1	1228	T200 anni - Ante	4.63	40.22	40.65	40.65	40.73	0.029846	1.25	3.70	22.98	1.00
River 1	Reach 1	1228	T500 anni - Ante	6.02	40.22	40.69	40.69	40.77	0.026277	1.29	4.66	28.24	0.97
River 1	Reach 1	1228	T25 anni - Post	2.66	40.22	40.58	40.58	40.66	0.031813	1.08	2.44	28.31	1.00
River 1	Reach 1	1228	T50 anni - Post	3.69	40.22	40.62	40.62	40.66	0.030750	1.18	3.13	22.36	1.01
River 1	Reach 1	1228	T100 anni - Post	4.69	40.22	40.65	40.65	40.73	0.027856	1.24	3.86	23.99	0.98
River 1	Reach 1	1228	T200 anni - Post	5.99	40.22	40.69	40.69	40.77	0.026372	1.28	4.67	26.22	0.97
River 1	Reach 1	1228	T500 anni - Post	7.64	40.22	40.75	40.71	40.87	0.022342	1.32	5.77	27.26	0.92
River 1	Reach 1	1198	T25 anni - Ante	1.98	40.05	40.50	40.28	40.50	0.000715	0.23	8.43	43.62	0.16
River 1	Reach 1	1198	T50 anni - Ante	2.71	40.05	40.56	40.33	40.56	0.000644	0.25	11.85	45.05	0.16
River 1	Reach 1	1198	T100 anni - Ante	3.63	40.05	40.57	40.38	40.58	0.000903	0.31	11.75	46.73	0.20
River 1	Reach 1	1198	T200 anni - Ante	4.63	40.05	40.61	40.38	40.61	0.000891	0.58	15.85	67.84	0.20
River 1	Reach 1	1198	T500 anni - Ante	6.02	40.05	40.66	40.41	40.66	0.000868	0.31	19.13	68.95	0.18
River 1	Reach 1	1198	T25 anni - Post	2.65	40.05	40.55	40.32	40.55	0.000847	0.24	10.87	45.78	0.16
River 1	Reach 1	1198	T50 anni - Post	3.68	40.05	40.57	40.36	40.58	0.000867	0.31	11.85	46.87	0.20
River 1	Reach 1	1198	T100 anni - Post	4.69	40.05	40.61	40.38	40.62	0.000851	0.30	15.59	68.24	0.20
River 1	Reach 1	1198	T200 anni - Post	5.99	40.05	40.65	40.41	40.66	0.000808	0.31	19.85	68.93	0.19
River 1	Reach 1	1198	T500 anni - Post	7.64	40.05	40.71	40.44	40.71	0.000657	0.34	22.85	71.08	0.19
River 1	Reach 1	1165	T25 anni - Ante	1.98	39.87	40.49	40.19	40.49	0.000256	0.15	12.84	54.41	0.10
River 1	Reach 1	1165	T50 anni - Ante	2.71	39.87	40.55	40.22	40.55	0.000249	0.17	16.19	58.38	0.10
River 1	Reach 1	1165	T100 anni - Ante	3.63	39.87	40.55	40.28	40.56	0.000408	0.22	16.71	58.98	0.13
River 1	Reach 1	1165	T200 anni - Ante	4.63	39.87	40.59	40.27	40.59	0.000408	0.25	18.56	61.08	0.14
River 1	Reach 1	1165	T500 anni - Ante	6.02	39.87	40.64	40.30	40.64	0.000528	0.28	21.74	64.58	0.15
River 1	Reach 1	1165	T25 anni - Post	2.65	39.87	40.54	40.22	40.54	0.000248	0.17	15.96	58.17	0.10
River 1	Reach 1	1165	T50 anni - Post	3.68	39.87	40.56	40.25	40.56	0.000408	0.22	16.82	58.98	0.13
River 1	Reach 1	1165	T100 anni - Post	4.69	39.87	40.59	40.27	40.59	0.000493	0.25	18.86	61.48	0.15
River 1	Reach 1	1165	T200 anni - Post	5.99	39.87	40.63	40.30	40.64	0.000526	0.28	21.86	64.60	0.15
River 1	Reach 1	1165	T500 anni - Post	7.64	39.87	40.66	40.34	40.66	0.000398	0.25	30.89	68.98	0.13
River 1	Reach 1	1134	T25 anni - Ante	1.98	39.79	40.48	40.01	40.48	0.000268	0.18	10.52	36.33	0.11
River 1	Reach 1	1134	T50 anni - Ante	2.71	39.79	40.54	40.05	40.54	0.000329	0.21	12.86	38.16	0.12
River 1	Reach 1	1134	T100 anni - Ante	3.63	39.79	40.54	40.09	40.54	0.000555	0.29	12.73	38.16	0.16
River 1	Reach 1	1134	T200 anni - Ante	4.63	39.79	40.57	40.14	40.57	0.000448	0.23	19.77	67.05	0.16
River 1	Reach 1	1134	T500 anni - Ante	6.02	39.79	40.62	40.19	40.62	0.000451	0.28	23.13	68.38	0.14
River 1	Reach 1	1134	T25 anni - Post	2.65	39.79	40.53	40.05	40.53	0.000316	0.21	12.61	37.92	0.12
River 1	Reach 1	1134	T50 anni - Post	3.69	39.79	40.54	40.10	40.54	0.000572	0.29	12.80	38.27	0.16
River 1	Reach 1	1134	T100 anni - Post	4.69	39.79	40.59	40.15	40.58	0.000452	0.24	20.16	67.22	0.16
River 1	Reach 1	1134	T200 anni - Post	5.99	39.79	40.62	40.19	40.62	0.000462	0.26	23.05	68.35	0.14
River 1	Reach 1	1134	T500 anni - Post	7.64	39.79	40.65	40.24	40.66	0.000475	0.28	27.05	73.31	0.15
River 1	Reach 1	1104	T25 anni - Ante	1.98	39.83	40.47	40.08	40.47	0.000396	0.24	7.72	21.94	0.12
River 1	Reach 1	1104	T50 anni - Ante	2.71	39.83	40.52	40.13	40.53	0.000936	0.30	8.85	23.43	0.16
River 1	Reach 1	1104	T100 anni - Ante	3.63	39.83	40.51	40.18	40.52	0.001843	0.42	8.89	23.19	0.22
River 1	Reach 1	1104	T200 anni - Ante	4.63	39.83	40.54	40.23	40.56	0.001379	0.48	9.56	23.81	0.25
River 1	Reach 1	1104	T500 anni - Ante	6.02	39.83	40.59	40.27	40.60	0.001709	0.58	10.42	24.75	0.28
River 1	Reach 1	1104	T25 anni - Post	2.69	39.83	40.52	40.13	40.52	0.000926	0.30	8.86	23.35	0.16
River 1	Reach 1	1104	T50 anni - Post	3.69	39.83	40.51	40.18	40.52	0.001801	0.42	8.72	23.22	0.22
River 1	Reach 1	1104	T100 anni - Post	4.69	39.83	40.54	40.23	40.56	0.001418	0.51	9.45	23.92	0.25
River 1	Reach 1	1104	T200 anni - Post	5.98	39.83	40.59	40.27	40.60	0.001705	0.58	10.39	24.73	0.28
River 1	Reach 1	1104	T500 anni - Post	7.64	39.83	40.63	40.32	40.66	0.002008	0.66	11.66	25.83	0.31
River 1	Reach 1	1074	T25 anni - Ante	1.98	39.98	40.46	40.04	40.46	0.000104	0.13	14.17	37.48	0.07
River 1	Reach 1	1074	T50 anni - Ante	2.71	39.98	40.52	40.07	40.52	0.000144	0.17	16.11	38.24	0.08
River 1	Reach 1	1074	T100 anni - Ante	3.63	39.98	40.50	40.10	40.50	0.000292	0.23	15.48	37.98	0.12
River 1	Reach 1	1074	T200 anni - Ante	4.63	39.98	40.52	40.12	40.53	0.000330	0.28	16.45	38.37	0.14
River 1	Reach 1	1074	T500 anni - Ante	6.02	39.98	40.56	40.16	40.57	0.000503	0.33	17.96	38.98	0.16
River 1	Reach 1	1074	T25 anni - Post	2.65	39.98	40.51	40.06	40.51	0.000141	0.17	15.86	38.18	0.08
River 1	Reach 1	1074	T50 anni - Post	3.68	39.98	40.50	40.10	40.50	0.000297	0.24	15.52	38.01	0.12
River 1	Reach 1	1074	T100 anni - Post	4.69	39.98	40.53	40.13	40.53	0.000409	0.29	16.52	38.43	0.14
River 1	Reach 1	1074	T200 anni - Post	5.99	39.98	40.56	40.16	40.57	0.000503	0.33	17.86	38.93	0.16
River 1	Reach 1	1074	T500 anni - Post	7.64	39.98	40.61	40.19	40.62	0.000608	0.38	19.83	39.64	0.17
River 1	Reach 1	1044	T25 anni - Ante	1.98	39.36	40.36	40.38	40.45	0.031752	1.12	1.98	13.27	1.00
River 1	Reach 1	1044	T50 anni - Ante	2.71	39.36	40.43	40.43	40.48	0.031854	1.18	2.33	17.16	1.00
River 1	Reach 1	1044	T100 anni - Ante	3.63	39.36	40.45	40.45	40.47	0.008698	0.68	5.27	32.38	0.55
River 1	Reach 1	1044	T200 anni - Ante	4.63	39.36	40.45	40.45	40.46	0.014800	0.88	5.27	32.28	0.70
River 1	Reach 1	1044	T500 anni - Ante	6.02	39.36	40.45	40.45	40.52	0.020898	1.14	5.27	32.38	0.90
River 1	Reach 1	1044	T25 anni - Post	2.65	39.36	40.47	40.42	40.49	0.030196	1.14	2.32	18.98	0.99
River 1	Reach 1	1044	T50 anni - Post	3.69	39.36	40.45	40.45	40.47	0.008857	0.79	5.27	32.38	0.55
River 1	Reach 1	1044	T100 anni - Post	4.69	39.36	40.45	40.45	40.46	0.015053	0.91	5.27	32.38	0.72
River 1	Reach 1	1044	T200 anni - Post	5.99	39.36	40.45	40.45	40.52	0.023454	1.14	5.27	32.38	0.90
River 1	Reach 1	1044	T500 anni - Post	7.64	39.36	40.47	40.47	40.55	0.026396	1.32	5.80	32.97	1.00
River 1	Reach 1	1015	T25 anni - Ante	1.98	39.01	39.21	39.22	39.30	0.054661	1.03	1.92	24.68	1.21
River 1	Reach 1	1015	T50 anni - Ante	2.71	39.01	39.22	39.24	39.29	0.059508	1.17	2.31	27.28	1.28
River 1	Reach 1	1015	T100 anni - Ante	3.63	39.01	39.19	39.28	39.53	0.851806	2.98	1.22	21.44	3.99
River 1	Reach 1	1015	T200 anni - Ante	4.63	39.01	39.22	39.28	39.45	0.202275	2.14	2.16	25.98	2.37
River 1	Reach 1	1015	T500 anni - Ante	6.02	39.01	39.27	39.32	39.40	0.071629	1.60	3.77	32.26	1.49
River 1	Reach 1	1015	T25 anni - Post	2.65	39.01	39.22	39.24	39.29	0.060957	1.18	2.26	27.07	1.30
River 1	Reach 1	1015	T50 anni - Post	3.69	39.01	39.19	39.27	39.52	0.846151	2.93	1.26	21.65	3.89
River 1	Reach 1	1015	T100 anni - Post	4.69	39.01	39.23	39.28	39.44	0.173108	2.04	2.26	27.38	2.21
River 1	Reach 1	1015	T200 anni - Post	5.99	39.01	39.27	39.32	39.40	0.073815	1.61	3.72	31.98	1.51
River 1	Reach 1	1015	T500 anni - Post	7.64	39.01	39.31	39.34	39.43	0.050677	1.48	5.13	48.94	1.35

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 1	Reach 1	987	T25 anni - Ante	1.88	38.14	38.43	38.37	38.48	0.009853	0.69	2.71	17.01	0.55
River 1	Reach 1	987	T50 anni - Ante	2.71	38.14	38.49	38.41	38.52	0.008621	0.73	3.66	25.54	0.59
River 1	Reach 1	987	T100 anni - Ante	3.63	38.14	38.53	38.45	38.56	0.010108	0.73	4.98	31.89	0.58
River 1	Reach 1	987	T200 anni - Ante	4.63	38.14	38.56	38.49	38.59	0.010113	0.79	5.89	33.68	0.60
River 1	Reach 1	987	T500 anni - Ante	6.02	38.14	38.59	38.53	38.63	0.010166	0.85	7.39	38.28	0.61
River 1	Reach 1	987	T25 anni - Post	2.65	38.14	38.48	38.41	38.51	0.009898	0.73	3.76	25.24	0.58
River 1	Reach 1	987	T50 anni - Post	3.68	38.14	38.53	38.46	38.56	0.009894	0.72	5.00	31.98	0.59
River 1	Reach 1	987	T100 anni - Post	4.68	38.14	38.56	38.49	38.59	0.010073	0.79	6.06	34.05	0.60
River 1	Reach 1	987	T200 anni - Post	5.98	38.14	38.59	38.53	38.63	0.010159	0.85	7.87	38.15	0.61
River 1	Reach 1	987	T500 anni - Post	7.64	38.14	38.62	38.55	38.67	0.010087	0.91	8.35	37.87	0.62
River 1	Reach 1	953	T25 anni - Ante	1.88	37.68	37.88	37.88	37.93	0.034351	1.05	1.80	18.91	1.01
River 1	Reach 1	953	T50 anni - Ante	2.71	37.68	37.91	37.91	37.97	0.031536	1.15	2.47	20.08	1.00
River 1	Reach 1	953	T100 anni - Ante	3.63	37.68	37.94	37.90	38.01	0.028848	1.18	3.12	22.41	0.99
River 1	Reach 1	953	T200 anni - Ante	4.63	37.68	37.97	37.97	38.04	0.029237	1.21	3.82	25.31	1.00
River 1	Reach 1	953	T500 anni - Ante	6.02	37.68	38.00	38.00	38.08	0.028707	1.29	4.89	27.88	1.00
River 1	Reach 1	953	T25 anni - Post	2.65	37.68	37.90	37.90	37.96	0.030844	1.08	2.45	20.03	0.99
River 1	Reach 1	953	T50 anni - Post	3.68	37.68	37.94	37.94	38.01	0.030448	1.17	3.14	22.81	1.00
River 1	Reach 1	953	T100 anni - Post	4.68	37.68	37.97	37.97	38.05	0.029525	1.23	3.90	25.48	1.00
River 1	Reach 1	953	T200 anni - Post	5.98	37.68	38.00	38.00	38.08	0.028873	1.28	4.88	27.89	1.00
River 1	Reach 1	953	T500 anni - Post	7.64	37.68	38.04	38.04	38.13	0.029355	1.23	6.22	45.31	1.00
River 1	Reach 1	923	T25 anni - Ante	1.88	37.56	37.80	37.64	37.80	0.000505	0.18	11.72	78.88	0.13
River 1	Reach 1	923	T50 anni - Ante	2.71	37.56	37.84	37.66	37.84	0.000508	0.19	14.87	78.81	0.13
River 1	Reach 1	923	T100 anni - Ante	3.63	37.56	37.87	37.67	37.88	0.000506	0.20	17.73	88.58	0.14
River 1	Reach 1	923	T200 anni - Ante	4.63	37.56	37.90	37.69	37.90	0.000564	0.23	19.87	81.71	0.15
River 1	Reach 1	923	T500 anni - Ante	6.02	37.56	37.94	37.71	37.95	0.000550	0.26	23.33	83.33	0.16
River 1	Reach 1	923	T25 anni - Post	2.65	37.56	37.84	37.66	37.84	0.000502	0.18	14.80	78.73	0.13
River 1	Reach 1	923	T50 anni - Post	3.68	37.56	37.88	37.68	37.88	0.000508	0.21	17.88	80.93	0.14
River 1	Reach 1	923	T100 anni - Post	4.68	37.56	37.97	37.69	37.97	0.000296	0.18	25.22	85.35	0.11
River 1	Reach 1	923	T200 anni - Post	5.98	37.56	37.94	37.71	37.96	0.000582	0.26	23.28	83.36	0.16
River 1	Reach 1	923	T500 anni - Post	7.64	37.56	37.99	37.74	37.98	0.000602	0.28	26.19	85.88	0.17
River 1	Reach 1	895	T25 anni - Ante	1.88	37.47	37.74	37.70	37.78	0.013887	0.67	2.82	28.12	0.63
River 1	Reach 1	895	T50 anni - Ante	2.71	37.47	37.77	37.73	37.80	0.011445	0.78	3.88	28.37	0.61
River 1	Reach 1	895	T100 anni - Ante	3.63	37.47	37.81	37.75	37.84	0.010325	0.76	4.80	28.52	0.60
River 1	Reach 1	895	T200 anni - Ante	4.63	37.47	37.76	37.76	37.85	0.020843	1.16	3.98	28.52	0.88
River 1	Reach 1	895	T500 anni - Ante	6.02	37.47	37.81	37.81	37.89	0.029158	1.28	4.76	29.47	1.00
River 1	Reach 1	895	T25 anni - Post	2.65	37.47	37.71	37.73	37.80	0.011808	0.71	3.75	28.28	0.62
River 1	Reach 1	895	T50 anni - Post	3.68	37.47	37.81	37.78	37.84	0.010307	0.78	4.85	28.57	0.60
River 1	Reach 1	895	T100 anni - Post	4.68	37.47	37.90	37.78	37.90	0.000221	0.17	20.73	88.08	0.10
River 1	Reach 1	895	T200 anni - Post	5.98	37.47	37.81	37.81	37.89	0.030043	1.28	4.74	29.44	1.01
River 1	Reach 1	895	T500 anni - Post	7.64	37.47	37.90	37.84	37.98	0.000958	0.28	20.88	95.18	0.15
River 1	Reach 1	865	T25 anni - Ante	1.88	37.26	37.50	37.45	37.54	0.004973	0.47	4.83	27.58	0.39
River 1	Reach 1	865	T50 anni - Ante	2.71	37.26	37.50	37.48	37.58	0.005647	0.54	4.89	29.53	0.42
River 1	Reach 1	865	T100 anni - Ante	3.63	37.26	37.60	37.50	37.62	0.005292	0.60	6.10	32.98	0.48
River 1	Reach 1	865	T200 anni - Ante	4.63	37.26	37.65	37.53	37.66	0.001624	0.36	12.84	59.41	0.26
River 1	Reach 1	865	T500 anni - Ante	6.02	37.26	37.60	37.55	37.65	0.012573	0.98	6.26	33.43	0.70
River 1	Reach 1	865	T25 anni - Post	2.65	37.26	37.56	37.47	37.57	0.004842	0.54	4.90	28.67	0.42
River 1	Reach 1	865	T50 anni - Post	3.68	37.26	37.60	37.50	37.62	0.005278	0.60	6.16	33.13	0.46
River 1	Reach 1	865	T100 anni - Post	4.68	37.26	37.53	37.53	37.60	0.030242	1.28	4.80	27.53	1.01
River 1	Reach 1	865	T200 anni - Post	5.98	37.26	37.60	37.55	37.65	0.012858	0.98	6.26	33.35	0.71
River 1	Reach 1	865	T500 anni - Post	7.64	37.26	37.61	37.58	37.65	0.008824	0.73	10.85	68.08	0.55
River 1	Reach 1	835	T25 anni - Ante	1.88	37.06	37.21	37.21	37.24	0.038812	0.78	2.37	38.16	0.99
River 1	Reach 1	835	T50 anni - Ante	2.71	37.06	37.23	37.22	37.27	0.034701	0.87	3.10	38.08	0.98
River 1	Reach 1	835	T100 anni - Ante	3.63	37.06	37.24	37.26	37.29	0.033103	0.95	3.81	38.87	0.98
River 1	Reach 1	835	T200 anni - Ante	4.63	37.06	37.26	37.26	37.31	0.034657	1.01	4.57	44.28	1.01
River 1	Reach 1	835	T500 anni - Ante	6.02	37.06	37.31	37.28	37.38	0.008857	0.68	8.86	57.78	0.46
River 1	Reach 1	835	T25 anni - Post	2.65	37.06	37.23	37.22	37.26	0.034744	0.87	3.05	37.98	0.99
River 1	Reach 1	835	T50 anni - Post	3.68	37.06	37.24	37.24	37.29	0.033833	0.98	3.83	38.91	0.99
River 1	Reach 1	835	T100 anni - Post	4.68	37.06	37.27	37.27	37.32	0.034165	1.02	4.59	44.94	1.01
River 1	Reach 1	835	T200 anni - Post	5.98	37.06	37.31	37.28	37.38	0.008808	0.68	8.86	57.74	0.46
River 1	Reach 1	835	T500 anni - Post	7.64	37.06	37.39		37.41	0.007825	0.71	10.75	58.90	0.52
River 1	Reach 1	807	T25 anni - Ante	1.88	36.77	36.99		37.00	0.003406	0.34	5.48	47.94	0.32
River 1	Reach 1	807	T50 anni - Ante	2.71	36.77	37.02		37.03	0.003348	0.38	7.14	53.13	0.33
River 1	Reach 1	807	T100 anni - Ante	3.63	36.77	37.06		37.06	0.003178	0.41	8.83	55.98	0.33
River 1	Reach 1	807	T200 anni - Ante	4.63	36.77	37.08		37.09	0.003018	0.44	10.48	57.88	0.33
River 1	Reach 1	807	T500 anni - Ante	6.02	36.77	37.00	37.00	37.05	0.029848	1.04	5.79	48.78	0.96
River 1	Reach 1	807	T25 anni - Post	2.65	36.77	37.02		37.03	0.003357	0.38	7.03	52.93	0.33
River 1	Reach 1	807	T50 anni - Post	3.68	36.77	37.06		37.07	0.003198	0.41	8.90	56.24	0.33
River 1	Reach 1	807	T100 anni - Post	4.68	36.77	37.09	36.98	37.10	0.003017	0.44	10.77	58.21	0.33
River 1	Reach 1	807	T200 anni - Post	5.98	36.77	37.00	36.98	37.05	0.030243	1.04	5.73	48.65	0.97
River 1	Reach 1	807	T500 anni - Post	7.64	36.77	37.05		37.09	0.015228	0.91	8.36	54.76	0.74
River 1	Reach 1	777	T25 anni - Ante	1.88	36.51	36.70	36.70	36.76	0.013626	1.02	1.84	17.48	1.01
River 1	Reach 1	777	T50 anni - Ante	2.71	36.51	36.73	36.73	36.80	0.031308	1.12	2.42	18.80	1.00
River 1	Reach 1	777	T100 anni - Ante	3.63	36.51	36.77	36.77	36.84	0.030838	1.21	3.00	20.35	1.00
River 1	Reach 1	777	T200 anni - Ante	4.63	36.51	36.80	36.80	36.88	0.028758	1.23	3.71	24.22	0.98
River 1	Reach 1	777	T500 anni - Ante	6.02	36.51	36.83	36.83	36.84	0.002856	0.44	13.54	73.48	0.32
River 1	Reach 1	777	T25 anni - Post	2.65	36.51	36.73	36.73	36.80	0.031504	1.12	2.37	18.78	1.00
River 1	Reach 1	777	T50 anni - Post	3.68	36.51	36.77	36.77	36.84	0.029858	1.20	3.05	20.55	1.00
River 1	Reach 1	777	T100 anni - Post	4.68	36.51	36.80	36.80	36.88	0.029151	1.26	3.85	24.97	1.00
River 1	Reach 1	777	T200 anni - Post	5.98	36.51	36.83	36.83	36.84	0.002827	0.44	13.54	73.48	0.32
River 1	Reach 1	777	T500 anni - Post	7.64	36.51	36.83	36.83	36.85	0.004802	0.58	13.53	73.38	0.41
River 1	Reach 1	748	T25 anni - Ante	1.88	36.25	36.50	36.40	36.52	0.001494	0.26	7.28	52.36	0.22
River 1	Reach 1	748	T50 anni - Ante	2.71	36.25	36.53	36.42	36.54	0.001496	0.30	9.16	53.88	0.23
River 1	Reach 1	748	T100 anni - Ante	3.63	36.25	36.57	36.43	36.58	0.001431	0.32	11.14	56.08	0.23
River 1	Reach 1	748	T200 anni - Ante	4.63	36.25	36.60	36.45	36.61	0.001468	0.36	12.82	57.42	0.24
River 1	Reach 1	748	T500 anni - Ante	6.02	36.25	36.63	36.47	36.66	0.001474	0.38	15.84	61.58	0.26
River 1	Reach 1	748	T25 anni - Post	2.65	36.25	36.53	36.42	36.54	0.001459	0.29	9.03	53.82	0.23

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
River 1	Reach 1	749	T50 anni - Post	3.68	36.25	36.57	36.44	36.58	0.001429	0.33	11.25	56.15	0.23
River 1	Reach 1	749	T100 anni - Post	4.68	36.25	36.61	36.45	36.62	0.001451	0.36	13.36	58.17	0.24
River 1	Reach 1	749	T200 anni - Post	5.98	36.25	36.63	36.47	36.65	0.001474	0.38	15.66	61.48	0.24
River 1	Reach 1	749	T500 anni - Post	7.64	36.25	36.57	36.49	36.60	0.005608	0.67	11.35	56.21	0.47
River 1	Reach 1	722	T25 anni - Ante	1.08	36.08	36.40	36.38	36.42	0.011606	0.66	2.90	24.78	0.61
River 1	Reach 1	722	T50 anni - Ante	2.71	36.08	36.44	36.38	36.46	0.010208	0.71	3.82	25.68	0.59
River 1	Reach 1	722	T100 anni - Ante	3.63	36.08	36.47	36.41	36.50	0.008302	0.76	4.78	27.03	0.58
River 1	Reach 1	722	T200 anni - Ante	4.63	36.08	36.44	36.44	36.51	0.020364	1.20	3.84	25.71	1.00
River 1	Reach 1	722	T500 anni - Ante	6.02	36.08	36.47	36.47	36.56	0.020868	1.31	4.59	26.71	1.01
River 1	Reach 1	722	T25 anni - Post	2.66	36.08	36.44	36.38	36.46	0.010693	0.70	3.79	25.68	0.59
River 1	Reach 1	722	T50 anni - Post	3.68	36.08	36.48	36.43	36.51	0.009187	0.76	4.85	27.14	0.57
River 1	Reach 1	722	T100 anni - Post	4.68	36.08	36.44	36.44	36.52	0.020300	1.22	3.84	25.82	1.00
River 1	Reach 1	722	T200 anni - Post	5.98	36.08	36.47	36.47	36.55	0.020862	1.31	4.56	26.71	1.01
River 1	Reach 1	722	T500 anni - Post	7.64	36.08	36.51	36.46	36.52	0.001604	0.46	19.22	97.24	0.27
River 1	Reach 1	687	T25 anni - Ante	1.08	35.76	36.21	36.10	36.22	0.003308	0.42	4.46	28.63	0.34
River 1	Reach 1	687	T50 anni - Ante	2.71	35.76	36.24	36.13	36.26	0.003698	0.48	5.52	30.01	0.37
River 1	Reach 1	687	T100 anni - Ante	3.63	35.76	36.20	36.16	36.30	0.003943	0.55	6.59	31.71	0.39
River 1	Reach 1	687	T200 anni - Ante	4.63	35.76	36.19	36.19	36.26	0.030301	1.21	3.82	28.08	1.01
River 1	Reach 1	687	T500 anni - Ante	6.02	35.76	36.22	36.22	36.30	0.028224	1.27	4.72	28.98	1.01
River 1	Reach 1	687	T25 anni - Post	2.66	35.76	36.24	36.13	36.26	0.003606	0.48	5.55	29.99	0.36
River 1	Reach 1	687	T50 anni - Post	3.68	35.76	36.25	36.16	36.30	0.004643	0.58	6.60	31.72	0.39
River 1	Reach 1	687	T100 anni - Post	4.68	35.76	36.19	36.19	36.27	0.030367	1.21	3.86	28.08	1.01
River 1	Reach 1	687	T200 anni - Post	5.98	35.76	36.22	36.22	36.30	0.028672	1.26	4.74	29.08	1.00
River 1	Reach 1	687	T500 anni - Post	7.64	35.76	36.25	36.25	36.34	0.027158	1.38	5.86	30.16	0.99
River 1	Reach 1	658	T25 anni - Ante	1.08	35.75	35.95	35.95	35.98	0.039576	0.98	2.20	36.08	1.02
River 1	Reach 1	658	T50 anni - Ante	2.71	35.75	35.97	35.97	36.01	0.035574	0.99	3.94	36.97	0.99
River 1	Reach 1	658	T100 anni - Ante	3.63	35.75	35.99	35.99	36.04	0.035221	0.98	3.71	38.77	1.01
River 1	Reach 1	658	T200 anni - Ante	4.63	35.75	36.01	36.01	36.06	0.031858	1.04	4.46	39.56	0.99
River 1	Reach 1	658	T500 anni - Ante	6.02	35.75	36.03	36.03	36.09	0.032558	1.13	5.32	40.22	0.99
River 1	Reach 1	658	T25 anni - Post	2.66	35.75	35.97	35.97	36.01	0.037357	0.98	2.93	36.22	1.01
River 1	Reach 1	658	T50 anni - Post	3.68	35.75	35.99	35.99	36.04	0.034154	0.97	3.78	38.95	1.00
River 1	Reach 1	658	T100 anni - Post	4.68	35.75	36.01	36.01	36.07	0.032848	1.07	4.51	39.55	1.01
River 1	Reach 1	658	T200 anni - Post	5.98	35.75	36.03	36.03	36.09	0.030148	1.13	5.32	40.22	0.99
River 1	Reach 1	658	T500 anni - Post	7.64	35.75	36.06	36.06	36.13	0.025735	1.17	6.52	41.26	0.96
River 1	Reach 1	627	T25 anni - Ante	1.08	35.43	35.81	35.62	35.81	0.000128	0.10	11.86	75.60	0.07
River 1	Reach 1	627	T50 anni - Ante	2.71	35.43	35.83	35.64	35.83	0.000197	0.14	19.83	78.46	0.09
River 1	Reach 1	627	T100 anni - Ante	3.63	35.43	35.86	35.66	35.86	0.000242	0.16	22.58	82.56	0.10
River 1	Reach 1	627	T200 anni - Ante	4.63	35.43	35.89	35.68	35.99	0.000355	0.19	24.99	85.67	0.11
River 1	Reach 1	627	T500 anni - Ante	6.02	35.43	35.93	35.71	36.03	0.000323	0.21	29.26	97.26	0.12
River 1	Reach 1	627	T25 anni - Post	2.66	35.43	35.83	35.64	35.93	0.000185	0.13	19.63	78.38	0.09
River 1	Reach 1	627	T50 anni - Post	3.68	35.43	35.86	35.66	35.96	0.000244	0.16	22.63	83.03	0.10
River 1	Reach 1	627	T100 anni - Post	4.68	35.43	35.90	35.68	35.96	0.000358	0.18	25.47	88.01	0.11
River 1	Reach 1	627	T200 anni - Post	5.98	35.43	35.93	35.71	36.03	0.000322	0.21	29.26	97.26	0.12
River 1	Reach 1	627	T500 anni - Post	7.64	35.43	35.97	35.73	36.07	0.000358	0.24	31.71	98.58	0.13
River 1	Reach 1	597	T25 anni - Ante	1.08	35.67	35.86	35.88	35.88	0.008312	0.51	3.70	35.04	0.50
River 1	Reach 1	597	T50 anni - Ante	2.71	35.67	35.89	35.89	35.91	0.014830	0.72	3.87	35.16	0.67
River 1	Reach 1	597	T100 anni - Ante	3.63	35.67	35.90	35.88	35.94	0.016615	0.81	4.49	34.66	0.73
River 1	Reach 1	597	T200 anni - Ante	4.63	35.67	35.92	35.90	35.96	0.015838	0.86	5.19	36.18	0.75
River 1	Reach 1	597	T500 anni - Ante	6.02	35.67	35.95	35.93	36.00	0.016773	0.98	6.30	38.26	0.78
River 1	Reach 1	597	T25 anni - Post	2.66	35.67	35.89	35.89	35.91	0.015118	0.72	3.80	35.11	0.68
River 1	Reach 1	597	T50 anni - Post	3.68	35.67	35.90	35.88	35.94	0.016003	0.81	4.53	35.63	0.73
River 1	Reach 1	597	T100 anni - Post	4.68	35.67	35.93	35.90	35.97	0.015856	0.88	5.41	36.26	0.75
River 1	Reach 1	597	T200 anni - Post	5.98	35.67	35.95	35.92	36.00	0.016711	0.95	6.26	38.17	0.75
River 1	Reach 1	597	T500 anni - Post	7.64	35.67	35.98	35.95	36.03	0.017458	1.06	7.20	40.98	0.79
River 1	Reach 1	567	T25 anni - Ante	1.08	35.09	35.39	35.34	35.40	0.015848	0.73	2.57	22.94	0.70
River 1	Reach 1	567	T50 anni - Ante	2.71	35.09	35.41	35.38	35.44	0.014818	0.76	3.44	28.23	0.72
River 1	Reach 1	567	T100 anni - Ante	3.63	35.09	35.45	35.41	35.48	0.014652	0.82	4.43	30.51	0.69
River 1	Reach 1	567	T200 anni - Ante	4.63	35.09	35.47	35.43	35.51	0.013822	0.89	5.22	30.86	0.68
River 1	Reach 1	567	T500 anni - Ante	6.02	35.09	35.50	35.46	35.55	0.013704	0.98	6.13	31.44	0.71
River 1	Reach 1	567	T25 anni - Post	2.66	35.09	35.41	35.37	35.44	0.016213	0.78	3.40	28.18	0.72
River 1	Reach 1	567	T50 anni - Post	3.68	35.09	35.45	35.41	35.48	0.014108	0.82	4.47	30.53	0.69
River 1	Reach 1	567	T100 anni - Post	4.68	35.09	35.47	35.44	35.51	0.016438	0.92	5.23	30.86	0.71
River 1	Reach 1	567	T200 anni - Post	5.98	35.09	35.50	35.46	35.55	0.013708	0.98	6.10	31.43	0.71
River 1	Reach 1	567	T500 anni - Post	7.64	35.09	35.54	35.49	35.60	0.013814	1.02	7.08	34.18	0.70
River 1	Reach 1	538	T25 anni - Ante	1.08	34.93	35.10		35.17	0.004725	0.42	4.51	37.72	0.38
River 1	Reach 1	538	T50 anni - Ante	2.71	34.93	35.19		35.20	0.004809	0.48	5.63	38.03	0.40
River 1	Reach 1	538	T100 anni - Ante	3.63	34.93	35.21		35.23	0.005601	0.56	6.54	43.76	0.40
River 1	Reach 1	538	T200 anni - Ante	4.63	34.93	35.24		35.26	0.005608	0.61	7.64	42.97	0.45
River 1	Reach 1	538	T500 anni - Ante	6.02	34.93	35.27		35.30	0.005626	0.66	9.22	47.18	0.46
River 1	Reach 1	538	T25 anni - Post	2.66	34.93	35.19		35.20	0.004804	0.48	5.57	38.05	0.40
River 1	Reach 1	538	T50 anni - Post	3.68	34.93	35.21		35.23	0.005668	0.58	6.60	40.05	0.44
River 1	Reach 1	538	T100 anni - Post	4.68	34.93	35.25		35.27	0.005452	0.58	8.11	44.46	0.44
River 1	Reach 1	538	T200 anni - Post	5.98	34.93	35.28		35.30	0.005698	0.64	9.36	47.26	0.46
River 1	Reach 1	538	T500 anni - Post	7.64	34.93	35.30		35.33	0.006654	0.72	10.60	58.36	0.50
River 1	Reach 1	508	T25 anni - Ante	1.08	34.75	34.85		34.97	0.013808	0.58	3.40	34.28	0.58
River 1	Reach 1	508	T50 anni - Ante	2.71	34.75	34.89		35.00	0.009358	0.57	4.77	41.92	0.54
River 1	Reach 1	508	T100 anni - Ante	3.63	34.75	35.03		35.05	0.005303	0.52	7.03	50.46	0.45
River 1	Reach 1	508	T200 anni - Ante	4.63	34.75	35.05	34.98	35.07	0.005918	0.57	8.07	55.58	0.46
River 1	Reach 1	508	T500 anni - Ante	6.02	34.75	35.05		35.10	0.007956	0.66	9.35	68.26	0.52
River 1	Reach 1	508	T25 anni - Post	2.65	34.75	34.90		35.00	0.009848	0.57	4.83	41.07	0.54
River 1	Reach 1	508	T50 anni - Post	3.68	34.75	35.04		35.05	0.006432	0.52	7.06	53.54	0.46
River 1	Reach 1	508	T100 anni - Post	4.68	34.75	35.05		35.07	0.006772	0.63	7.94	54.81	0.54
River 1	Reach 1	508	T200 anni - Post	5.98	34.75	35.07		35.09	0.006533	0.68	8.85	58.32	0.54
River 1	Reach 1	508	T500 anni - Post	7.64	34.75	35.12		35.14	0.005628	0.63	12.21	69.68	0.48
River 1	Reach 1	479	T25 anni - Ante	1.08	34.35	34.61	34.55	34.63	0.012405	0.71	2.87	28.86	0.63

HEC-RAS Plan: AnPo (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
River 1	Reach 1	479	T50 anni - Ante	2.71	34.35	34.64	34.60	34.67	0.013813	0.77	3.51	25.50	0.67
River 1	Reach 1	479	T100 anni - Ante	3.63	34.35	34.63	34.63	34.70	0.020848	1.11	3.27	25.02	0.88
River 1	Reach 1	479	T200 anni - Ante	4.63	34.35	34.60	34.66	34.72	0.022848	1.08	4.41	30.17	0.88
River 1	Reach 1	479	T500 anni - Ante	8.02	34.35	34.73	34.69	34.78	0.015301	0.98	6.13	34.24	0.74
River 1	Reach 1	479	T25 anni - Post	2.65	34.35	34.64	34.59	34.67	0.013101	0.78	3.56	25.78	0.65
River 1	Reach 1	479	T50 anni - Post	3.68	34.35	34.64	34.63	34.70	0.020527	1.11	3.32	25.16	0.87
River 1	Reach 1	479	T100 anni - Post	4.60	34.35	34.71	34.66	34.75	0.013474	0.87	5.50	33.25	0.69
River 1	Reach 1	479	T200 anni - Post	5.99	34.35	34.74	34.69	34.78	0.013454	0.94	6.40	34.78	0.70
River 1	Reach 1	479	T500 anni - Post	7.64	34.35	34.72	34.72	34.91	0.029418	1.52	5.76	33.66	1.02
River 1	Reach 1	448	T25 anni - Ante	1.08	33.76	33.87	33.97	34.02	0.034296	1.64	1.80	19.93	1.02
River 1	Reach 1	448	T50 anni - Ante	2.71	33.76	34.01	34.00	34.07	0.039195	1.18	2.46	19.58	0.97
River 1	Reach 1	448	T100 anni - Ante	3.63	33.76	34.09	34.04	34.13	0.011878	0.82	4.41	28.78	0.65
River 1	Reach 1	448	T200 anni - Ante	4.63	33.76	34.11	34.07	34.15	0.014865	0.93	4.86	28.98	0.72
River 1	Reach 1	448	T500 anni - Ante	8.02	33.76	34.12	34.10	34.19	0.023528	1.15	5.23	31.92	0.91
River 1	Reach 1	448	T25 anni - Post	2.65	33.76	34.00	34.00	34.07	0.031848	1.14	2.33	17.74	1.00
River 1	Reach 1	448	T50 anni - Post	3.68	33.76	34.09	34.04	34.13	0.012144	0.83	4.44	28.07	0.65
River 1	Reach 1	448	T100 anni - Post	4.60	33.76	34.07	34.07	34.15	0.028898	1.23	3.83	28.42	0.88
River 1	Reach 1	448	T200 anni - Post	5.99	33.76	34.10	34.10	34.19	0.030506	1.28	4.70	28.31	1.00
River 1	Reach 1	448	T500 anni - Post	7.64	33.76	34.34	34.14	34.35	0.001892	0.51	14.87	47.56	0.29
River 1	Reach 1	418	T25 anni - Ante	1.08	33.23	33.51	33.45	33.53	0.009819	0.53	3.56	27.03	0.40
River 1	Reach 1	418	T50 anni - Ante	2.71	33.23	33.52	33.48	33.54	0.011138	0.73	3.06	27.98	0.60
River 1	Reach 1	418	T100 anni - Ante	3.63	33.23	33.50	33.50	33.56	0.032843	1.11	3.28	29.52	1.01
River 1	Reach 1	418	T200 anni - Ante	4.63	33.23	33.54	33.52	33.58	0.022958	1.08	4.41	30.13	0.88
River 1	Reach 1	418	T500 anni - Ante	8.02	33.23	34.10	33.55	34.10	0.000057	0.14	63.02	75.96	0.06
River 1	Reach 1	418	T25 anni - Post	2.65	33.23	33.52	33.47	33.54	0.010479	0.68	3.86	29.09	0.59
River 1	Reach 1	418	T50 anni - Post	3.68	33.23	33.50	33.50	33.56	0.031621	1.11	3.32	26.66	1.00
River 1	Reach 1	418	T100 anni - Post	4.60	33.23	33.62	33.53	33.65	0.005602	0.68	7.81	31.65	0.40
River 1	Reach 1	418	T200 anni - Post	5.99	33.23	34.14	33.55	34.14	0.000073	0.14	41.86	75.11	0.06
River 1	Reach 1	418	T500 anni - Post	7.64	33.23	34.34	33.58	34.34	0.000051	0.13	59.86	95.23	0.04
River 1	Reach 1	388	T25 anni - Ante	1.08	32.98	33.10	33.10	33.13	0.039873	0.78	2.40	37.68	0.99
River 1	Reach 1	388	T50 anni - Ante	2.71	32.98	33.14	33.11	33.16	0.014804	0.63	4.30	45.74	0.66
River 1	Reach 1	388	T100 anni - Ante	3.63	32.98	33.26	33.13	33.27	0.001868	0.36	10.26	54.53	0.26
River 1	Reach 1	388	T200 anni - Ante	4.63	32.98	33.57	33.15	33.57	0.000292	0.13	35.84	89.21	0.07
River 1	Reach 1	388	T500 anni - Ante	8.02	32.98	34.16	33.17	34.16	0.000008	0.06	93.47	111.34	0.02
River 1	Reach 1	388	T25 anni - Post	2.65	32.98	33.14	33.11	33.16	0.010553	0.55	4.80	44.52	0.66
River 1	Reach 1	388	T50 anni - Post	3.68	32.98	33.27	33.13	33.28	0.001806	0.34	10.88	56.22	0.24
River 1	Reach 1	388	T100 anni - Post	4.60	32.98	33.63	33.15	33.63	0.000031	0.12	41.84	91.57	0.05
River 1	Reach 1	388	T200 anni - Post	5.99	32.98	34.14	33.17	34.14	0.000008	0.07	81.54	108.42	0.02
River 1	Reach 1	388	T500 anni - Post	7.64	32.98	34.34	33.19	34.34	0.000008	0.07	115.87	129.48	0.02
River 1	Reach 1	358	T25 anni - Ante	1.08	32.68	33.07	32.68	33.08	0.000298	0.15	12.48	69.48	0.11
River 1	Reach 1	358	T50 anni - Ante	2.71	32.68	33.13		33.13	0.000316	0.17	15.75	64.84	0.11
River 1	Reach 1	358	T100 anni - Ante	3.63	32.68	33.25		33.25	0.000148	0.15	24.36	73.57	0.08
River 1	Reach 1	358	T200 anni - Ante	4.63	32.68	33.56		33.57	0.000038	0.08	49.64	88.36	0.04
River 1	Reach 1	358	T500 anni - Ante	8.02	32.68	34.15		34.15	0.000005	0.05	111.12	117.82	0.02
River 1	Reach 1	358	T25 anni - Post	2.65	32.68	33.12		33.12	0.000329	0.17	15.40	64.53	0.11
River 1	Reach 1	358	T50 anni - Post	3.68	32.68	33.26		33.26	0.000138	0.15	25.22	71.84	0.08
River 1	Reach 1	358	T100 anni - Post	4.60	32.68	33.63		33.63	0.000023	0.08	55.41	98.51	0.04
River 1	Reach 1	358	T200 anni - Post	5.99	32.68	34.14		34.14	0.000006	0.06	109.85	117.22	0.02
River 1	Reach 1	358	T500 anni - Post	7.64	32.68	34.34		34.34	0.000005	0.06	134.84	128.81	0.02
River 1	Reach 1	330	T25 anni - Ante	1.08	32.61	33.07	32.75	33.07	0.000094	0.18	19.84	72.43	0.06
River 1	Reach 1	330	T50 anni - Ante	2.71	32.61	33.12	32.77	33.12	0.000123	0.12	22.78	88.85	0.07
River 1	Reach 1	330	T100 anni - Ante	3.63	32.61	33.25	32.79	33.25	0.000074	0.11	34.24	98.34	0.06
River 1	Reach 1	330	T200 anni - Ante	4.63	32.61	33.56	32.81	33.56	0.000018	0.07	65.15	128.24	0.03
River 1	Reach 1	330	T500 anni - Ante	8.02	32.61	34.15	32.84	34.15	0.000003	0.04	153.36	164.86	0.01
River 1	Reach 1	330	T25 anni - Post	2.65	32.61	33.12	32.77	33.12	0.000121	0.12	22.41	79.28	0.07
River 1	Reach 1	330	T50 anni - Post	3.68	32.61	33.26	32.82	33.26	0.000068	0.18	35.43	96.78	0.06
River 1	Reach 1	330	T100 anni - Post	4.60	32.61	33.65	32.83	33.65	0.000015	0.08	76.48	152.25	0.03
River 1	Reach 1	330	T200 anni - Post	5.99	32.61	34.14	32.84	34.14	0.000003	0.04	150.50	164.16	0.01
River 1	Reach 1	330	T500 anni - Post	7.64	32.61	34.34	32.86	34.34	0.000003	0.04	184.93	173.23	0.01
River 1	Reach 1	298	T25 anni - Ante	1.08	32.61	33.07		33.07	0.000081	0.09	21.81	93.64	0.06
River 1	Reach 1	298	T50 anni - Ante	2.71	32.61	33.12		33.12	0.000097	0.11	25.29	88.28	0.06
River 1	Reach 1	298	T100 anni - Ante	3.63	32.61	33.25		33.25	0.000055	0.10	37.56	98.26	0.05
River 1	Reach 1	298	T200 anni - Ante	4.63	32.61	33.56		33.56	0.000012	0.06	71.54	113.38	0.03
River 1	Reach 1	298	T500 anni - Ante	8.02	32.61	34.15		34.15	0.000003	0.04	143.81	101.67	0.01
River 1	Reach 1	298	T25 anni - Post	2.65	32.61	33.11		33.11	0.000097	0.11	24.88	87.12	0.06
River 1	Reach 1	298	T50 anni - Post	3.68	32.61	33.26		33.26	0.000051	0.09	39.76	108.68	0.05
River 1	Reach 1	298	T100 anni - Post	4.60	32.61	33.63		33.63	0.000010	0.06	79.15	114.48	0.02
River 1	Reach 1	298	T200 anni - Post	5.99	32.61	34.14		34.14	0.000003	0.04	141.93	101.12	0.01
River 1	Reach 1	298	T500 anni - Post	7.64	32.61	34.34		34.34	0.000002	0.05	165.86	158.48	0.01
River 1	Reach 1	268	T25 anni - Ante	1.08	32.63	33.08		33.08	0.000402	0.17	11.37	58.93	0.12
River 1	Reach 1	268	T50 anni - Ante	2.71	32.63	33.11		33.11	0.000411	0.19	14.42	60.72	0.13
River 1	Reach 1	268	T100 anni - Ante	3.63	32.63	33.24		33.25	0.000109	0.18	23.25	69.78	0.09
River 1	Reach 1	268	T200 anni - Ante	4.63	32.63	33.56		33.56	0.000031	0.10	46.92	77.98	0.04
River 1	Reach 1	268	T500 anni - Ante	8.02	32.63	34.15		34.15	0.000006	0.08	87.30	93.93	0.02
River 1	Reach 1	268	T25 anni - Post	2.65	32.63	33.11		33.11	0.000418	0.19	14.12	63.58	0.13
River 1	Reach 1	268	T50 anni - Post	3.68	32.63	33.26		33.26	0.000155	0.16	24.11	68.98	0.08
River 1	Reach 1	268	T100 anni - Post	4.60	32.63	33.63		33.63	0.000028	0.08	51.89	78.23	0.04
River 1	Reach 1	268	T200 anni - Post	5.99	32.63	34.14		34.14	0.000008	0.06	85.65	93.56	0.02
River 1	Reach 1	268	T500 anni - Post	7.64	32.63	34.34		34.34	0.000008	0.07	115.26	98.71	0.02
River 1	Reach 1	241	T25 anni - Ante	1.08	32.76	33.03		33.04	0.000778	0.40	4.88	34.98	0.35
River 1	Reach 1	241	T50 anni - Ante	2.71	32.76	33.08		33.08	0.002864	0.42	6.52	37.52	0.32
River 1	Reach 1	241	T100 anni - Ante	3.63	32.76	33.23		33.24	0.000879	0.28	12.74	43.93	0.17
River 1	Reach 1	241	T200 anni - Ante	4.63	32.76	33.56		33.56	0.000105	0.18	26.75	68.88	0.07
River 1	Reach 1	241	T500 anni - Ante	8.02	32.76	34.15		34.15	0.000013	0.08	72.80	81.28	0.03
River 1	Reach 1	241	T25 anni - Post	2.65	32.76	33.07		33.08	0.000821	0.42	6.32	37.37	0.33
River 1	Reach 1	241	T50 anni - Post	3.68	32.76	33.25		33.25	0.000815	0.28	13.33	44.73	0.18

HEC-RAS Plan: AnPs (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
River 1	Reach 1	241	T100 anni - Post	4.66	32.76	33.83		33.63	0.000374	0.14	36.02	84.83	0.06
River 1	Reach 1	241	T200 anni - Post	5.66	32.76	34.14		34.14	0.000513	0.05	71.17	80.88	0.03
River 1	Reach 1	241	T500 anni - Post	7.64	32.76	34.34		34.34	0.000312	0.09	88.37	85.79	0.03
River 1	Reach 1	211	T25 anni - Ante	1.88	32.52	32.84		32.66	0.003142	0.45	4.21	17.53	0.29
River 1	Reach 1	211	T50 anni - Ante	2.71	32.52	32.89		33.00	0.003310	0.54	4.98	19.89	0.35
River 1	Reach 1	211	T100 anni - Ante	3.63	32.52	33.21		33.22	0.000952	0.31	11.89	34.27	0.17
River 1	Reach 1	211	T200 anni - Ante	4.63	32.52	33.55		33.56	0.000113	0.19	24.97	42.83	0.08
River 1	Reach 1	211	T500 anni - Ante	6.02	32.52	34.15		34.15	0.000226	0.11	54.30	53.92	0.04
River 1	Reach 1	211	T25 anni - Post	2.66	32.52	32.89		32.98	0.003396	0.55	4.80	19.86	0.35
River 1	Reach 1	211	T50 anni - Post	3.68	32.52	33.23		33.23	0.000594	0.30	12.20	34.53	0.18
River 1	Reach 1	211	T100 anni - Post	4.66	32.52	33.63		33.63	0.000388	0.17	27.94	44.28	0.07
River 1	Reach 1	211	T200 anni - Post	5.66	32.52	34.14		34.14	0.000321	0.11	53.34	53.79	0.04
River 1	Reach 1	211	T500 anni - Post	7.64	32.52	34.34		34.34	0.000318	0.12	66.51	55.46	0.04
River 1	Reach 1	181	T25 anni - Ante	1.88	32.31	32.73	32.73	32.78	0.033904	1.03	1.83	10.96	1.01
River 1	Reach 1	181	T50 anni - Ante	2.71	32.31	32.82		32.92	0.002360	0.42	6.51	29.16	0.28
River 1	Reach 1	181	T100 anni - Ante	3.63	32.31	33.20		33.25	0.000269	0.23	16.08	38.19	0.11
River 1	Reach 1	181	T200 anni - Ante	4.63	32.31	33.55		33.58	0.000361	0.15	31.01	49.20	0.06
River 1	Reach 1	181	T500 anni - Ante	6.02	32.31	34.15		34.15	0.000013	0.10	61.81	55.84	0.03
River 1	Reach 1	181	T25 anni - Post	2.66	32.31	32.90		32.91	0.003607	0.44	5.97	30.04	0.31
River 1	Reach 1	181	T50 anni - Post	3.68	32.31	33.22		33.22	0.000238	0.22	16.70	38.83	0.11
River 1	Reach 1	181	T100 anni - Post	4.66	32.31	33.62		33.62	0.000349	0.14	34.24	47.52	0.05
River 1	Reach 1	181	T200 anni - Post	5.66	32.31	34.14		34.14	0.000014	0.10	60.63	55.39	0.03
River 1	Reach 1	181	T500 anni - Post	7.64	32.31	34.34		34.34	0.000014	0.11	72.26	58.27	0.03
River 1	Reach 1	128	T25 anni - Ante	1.88	31.44	32.83	31.88	32.83	0.000171	0.26	7.37	10.34	0.10
River 1	Reach 1	128	T50 anni - Ante	2.71	31.44	32.80	31.88	32.80	0.000151	0.25	10.54	13.35	0.09
River 1	Reach 1	128	T100 anni - Ante	3.63	31.44	33.19	31.95	33.19	0.000135	0.24	15.03	19.20	0.08
River 1	Reach 1	128	T200 anni - Ante	4.63	31.44	33.55	32.02	33.55	0.000115	0.16	29.69	85.89	0.07
River 1	Reach 1	128	T500 anni - Ante	6.02	31.44	34.15	32.11	34.15	0.000012	0.09	74.83	82.70	0.03
River 1	Reach 1	128	T25 anni - Post	2.66	31.44	32.88	31.87	32.88	0.000153	0.26	10.29	13.12	0.09
River 1	Reach 1	128	T50 anni - Post	3.68	31.44	33.21	31.95	33.21	0.000138	0.24	15.33	20.20	0.08
River 1	Reach 1	128	T100 anni - Post	4.66	31.44	33.62	32.03	33.62	0.000090	0.14	34.43	69.81	0.06
River 1	Reach 1	128	T200 anni - Post	5.66	31.44	34.13	32.11	34.14	0.000013	0.09	73.47	82.45	0.03
River 1	Reach 1	128	T500 anni - Post	7.64	31.44	34.34	32.21	34.34	0.000011	0.09	90.70	86.87	0.03
River 1	Reach 1	120		Culvert									
River 1	Reach 1	101	T25 anni - Ante	1.88	31.52	31.89		31.97	0.018104	1.22	1.56	9.94	0.93
River 1	Reach 1	101	T50 anni - Ante	2.71	31.52	31.93	31.82	32.08	0.023716	1.48	1.82	7.49	0.97
River 1	Reach 1	101	T100 anni - Ante	3.63	31.52	31.99	31.99	32.12	0.025888	1.65	2.20	9.16	1.01
River 1	Reach 1	101	T200 anni - Ante	4.63	31.52	32.04	32.04	32.19	0.024218	1.73	2.67	9.83	1.01
River 1	Reach 1	101	T500 anni - Ante	6.02	31.52	32.10	32.10	32.27	0.023418	1.83	3.29	9.82	1.01
River 1	Reach 1	101	T25 anni - Post	2.66	31.52	31.93	31.92	32.04	0.023394	1.48	1.79	7.42	0.96
River 1	Reach 1	101	T50 anni - Post	3.68	31.52	31.99	31.98	32.12	0.025036	1.65	2.23	9.19	1.01
River 1	Reach 1	101	T100 anni - Post	4.66	31.52	32.05	32.05	32.20	0.024394	1.74	2.75	9.85	1.01
River 1	Reach 1	101	T200 anni - Post	5.66	31.52	32.10	32.10	32.27	0.023421	1.83	3.27	9.81	1.01
River 1	Reach 1	101	T500 anni - Post	7.64	31.52	32.17	32.17	32.38	0.022423	1.92	3.99	10.78	1.01
River 1	Reach 1	79	T25 anni - Ante	1.88	31.48	31.88		31.88	0.006592	0.54	3.49	30.44	0.51
River 1	Reach 1	79	T50 anni - Ante	2.71	31.48	31.70		31.72	0.006936	0.61	4.45	33.16	0.53
River 1	Reach 1	79	T100 anni - Ante	3.63	31.48	31.72	31.68	31.75	0.008846	0.67	5.38	35.90	0.55
River 1	Reach 1	79	T200 anni - Ante	4.63	31.48	31.75	31.69	31.78	0.008956	0.73	6.33	36.39	0.58
River 1	Reach 1	79	T500 anni - Ante	6.02	31.48	31.79	31.71	31.81	0.008308	0.82	7.38	37.71	0.59
River 1	Reach 1	79	T25 anni - Post	2.66	31.48	31.69		31.71	0.006596	0.60	4.39	32.96	0.53
River 1	Reach 1	79	T50 anni - Post	3.68	31.48	31.72	31.67	31.75	0.006908	0.68	5.42	35.00	0.55
River 1	Reach 1	79	T100 anni - Post	4.66	31.48	31.75	31.69	31.78	0.008833	0.74	6.40	36.59	0.58
River 1	Reach 1	79	T200 anni - Post	5.66	31.48	31.78	31.71	31.81	0.008277	0.81	7.38	37.71	0.59
River 1	Reach 1	79	T500 anni - Post	7.64	31.48	31.81	31.74	31.86	0.010141	0.91	8.43	39.80	0.62
River 1	Reach 1	61	T25 anni - Ante	1.88	31.12	31.39	31.38	31.43	0.023375	0.83	2.27	22.87	0.83
River 1	Reach 1	61	T50 anni - Ante	2.71	31.12	31.42	31.40	31.47	0.023303	0.91	2.99	25.79	0.85
River 1	Reach 1	61	T100 anni - Ante	3.63	31.12	31.46	31.44	31.53	0.022329	0.94	3.85	30.35	0.84
River 1	Reach 1	61	T200 anni - Ante	4.63	31.12	31.49	31.46	31.53	0.021278	0.97	4.79	36.87	0.84
River 1	Reach 1	61	T500 anni - Ante	6.02	31.12	31.52	31.49	31.57	0.019878	1.00	6.04	39.77	0.82
River 1	Reach 1	61	T25 anni - Post	2.66	31.12	31.42	31.40	31.48	0.023367	0.91	2.92	25.31	0.85
River 1	Reach 1	61	T50 anni - Post	3.68	31.12	31.46	31.44	31.53	0.021916	0.94	3.92	30.95	0.84
River 1	Reach 1	61	T100 anni - Post	4.66	31.12	31.49	31.47	31.54	0.021370	0.97	4.85	36.23	0.84
River 1	Reach 1	61	T200 anni - Post	5.66	31.12	31.52	31.49	31.57	0.019712	1.00	6.01	39.71	0.82
River 1	Reach 1	61	T500 anni - Post	7.64	31.12	31.55		31.60	0.017354	1.04	7.35	41.36	0.79
River 1	Reach 1	32	T25 anni - Ante	1.88	30.81	31.27	31.09	31.08	0.007806	0.55	3.43	25.53	0.48
River 1	Reach 1	32	T50 anni - Ante	2.71	30.81	31.10	31.04	31.12	0.007309	0.62	4.35	26.70	0.48
River 1	Reach 1	32	T100 anni - Ante	3.63	30.81	31.14	31.08	31.18	0.007302	0.68	5.34	28.74	0.50
River 1	Reach 1	32	T200 anni - Ante	4.63	30.81	31.17	31.08	31.20	0.006903	0.74	6.28	29.93	0.51
River 1	Reach 1	32	T500 anni - Ante	6.02	30.81	31.21	31.11	31.25	0.007306	0.79	7.60	32.54	0.52
River 1	Reach 1	32	T25 anni - Post	2.66	30.81	31.10	31.03	31.12	0.007306	0.62	4.29	26.66	0.48
River 1	Reach 1	32	T50 anni - Post	3.68	30.81	31.14	31.08	31.17	0.007302	0.68	5.39	28.84	0.50
River 1	Reach 1	32	T100 anni - Post	4.66	30.81	31.18	31.08	31.21	0.006897	0.75	6.43	30.09	0.52
River 1	Reach 1	32	T200 anni - Post	5.66	30.81	31.21	31.11	31.25	0.007302	0.79	7.57	32.46	0.52
River 1	Reach 1	32	T500 anni - Post	7.64	30.81	31.28	31.15	31.30	0.007306	0.92	9.28	37.54	0.53

6.7 Tabelle di dettaglio relative alle singole sezioni trasversali

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T25 anni - Ante

E.G. Elev (m)	43.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.16	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.88	Flow Area (m2)		9.70	
E.G. Slope (m/m)	0.000372	Area (m2)		9.70	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	38.01	Top Width (m)		38.01	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	97.5	Conv. (m3/s)		97.5	
Length Wtd. (m)	28.90	Wetted Per. (m)		38.07	
Min Ch El (m)	42.71	Shear (N/m2)		0.93	
Alpha	1.00	Stream Power (N/m s)		0.18	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		11.33	
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.85	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T50 anni - Ante

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.92	Flow Area (m2)		11.68	
E.G. Slope (m/m)	0.000474	Area (m2)		11.68	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	41.86	Top Width (m)		41.86	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	124.5	Conv. (m3/s)		124.5	
Length Wtd. (m)	28.90	Wetted Per. (m)		41.94	
Min Ch El (m)	42.71	Shear (N/m2)		1.29	
Alpha	1.00	Stream Power (N/m s)		0.30	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		14.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.66	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T100 anni - Ante

E.G. Elev (m)	43.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.22	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.95	Flow Area (m2)		12.24	
E.G. Slope (m/m)	0.000743	Area (m2)		12.24	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	42.58	Top Width (m)		42.58	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	133.2	Conv. (m3/s)		133.2	
Length Wtd. (m)	28.90	Wetted Per. (m)		42.64	
Min Ch El (m)	42.71	Shear (N/m2)		2.09	
Alpha	1.00	Stream Power (N/m s)		0.62	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		15.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		75.23	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T200 anni - Ante

E.G. Elev (m)	43.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	43.27	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.97	Flow Area (m2)		14.05	
E.G. Slope (m/m)	0.000824	Area (m2)		14.05	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T200 anni - Ante (Continued)

Top Width (m)	45.12	Top Width (m)		45.12	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	161.3	Conv. (m3/s)		161.3	
Length Wtd. (m)	28.90	Wetted Per. (m)		45.18	
Min Ch El (m)	42.71	Shear (N/m2)		2.51	
Alpha	1.00	Stream Power (N/m s)		0.83	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		26.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		88.91	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T500 anni - Ante

E.G. Elev (m)	43.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	43.32	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	43.01	Flow Area (m2)		16.48	
E.G. Slope (m/m)	0.000886	Area (m2)		16.48	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	48.24	Top Width (m)		48.24	
Vel Total (m/s)	0.37	Avg. Vel. (m/s)		0.37	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	201.2	Conv. (m3/s)		201.2	
Length Wtd. (m)	28.90	Wetted Per. (m)		48.30	
Min Ch El (m)	42.71	Shear (N/m2)		3.00	
Alpha	1.00	Stream Power (N/m s)		1.09	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		44.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		100.55	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T25 anni - Post

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.92	Flow Area (m2)		11.56	
E.G. Slope (m/m)	0.000486	Area (m2)		11.56	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	41.74	Top Width (m)		41.74	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	122.7	Conv. (m3/s)		122.7	
Length Wtd. (m)	28.90	Wetted Per. (m)		41.79	
Min Ch El (m)	42.71	Shear (N/m2)		1.27	
Alpha	1.00	Stream Power (N/m s)		0.29	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		13.95	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.09	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T50 anni - Post

E.G. Elev (m)	43.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.23	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.95	Flow Area (m2)		12.35	
E.G. Slope (m/m)	0.000745	Area (m2)		12.35	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	42.72	Top Width (m)		42.72	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.52	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	134.9	Conv. (m3/s)		134.9	
Length Wtd. (m)	28.90	Wetted Per. (m)		42.77	
Min Ch El (m)	42.71	Shear (N/m2)		2.11	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.63	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		18.52	
C & E Loss (m)	0.00	Cum SA (1000 m2)		76.62	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T100 anni - Post

E.G. Elev (m)	43.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	43.27	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	42.98	Flow Area (m2)		14.39	
E.G. Slope (m/m)	0.000832	Area (m2)		14.39	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	45.65	Top Width (m)		45.65	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	166.5	Conv. (m3/s)		166.5	
Length Wtd. (m)	28.90	Wetted Per. (m)		45.71	
Min Ch El (m)	42.71	Shear (N/m2)		2.57	
Alpha	1.00	Stream Power (N/m s)		0.86	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		28.91	
C & E Loss (m)	0.00	Cum SA (1000 m2)		91.08	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T200 anni - Post

E.G. Elev (m)	43.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	43.32	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	43.00	Flow Area (m2)		16.43	
E.G. Slope (m/m)	0.000885	Area (m2)		16.43	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	48.19	Top Width (m)		48.19	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	200.2	Conv. (m3/s)		200.2	
Length Wtd. (m)	28.90	Wetted Per. (m)		48.26	
Min Ch El (m)	42.71	Shear (N/m2)		2.99	
Alpha	1.00	Stream Power (N/m s)		1.09	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		43.90	
C & E Loss (m)	0.00	Cum SA (1000 m2)		100.16	

Plan: AnPo River 1 Reach 1 RS: 1766 Profile: T500 anni - Post

E.G. Elev (m)	43.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	43.37	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	43.04	Flow Area (m2)		19.36	
E.G. Slope (m/m)	0.000933	Area (m2)		19.36	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	52.07	Top Width (m)		52.07	
Vel Total (m/s)	0.39	Avg. Vel. (m/s)		0.39	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	250.1	Conv. (m3/s)		250.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		52.13	
Min Ch El (m)	42.71	Shear (N/m2)		3.40	
Alpha	1.00	Stream Power (N/m s)		1.34	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		54.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		112.99	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T25 anni - Ante

E.G. Elev (m)	43.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.16	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		28.00	
E.G. Slope (m/m)	0.000024	Area (m2)		28.00	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	69.20	Top Width (m)		69.20	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	0.76	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	382.5	Conv. (m3/s)		382.5	
Length Wtd. (m)	30.10	Wetted Per. (m)		69.31	
Min Ch El (m)	42.40	Shear (N/m2)		0.10	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		10.79	
C & E Loss (m)	0.00	Cum SA (1000 m2)		59.30	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T50 anni - Ante

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		31.40	
E.G. Slope (m/m)	0.000035	Area (m2)		31.40	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	70.31	Top Width (m)		70.31	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	0.81	Hydr. Depth (m)		0.45	
Conv. Total (m3/s)	458.2	Conv. (m3/s)		458.2	
Length Wtd. (m)	30.10	Wetted Per. (m)		70.42	
Min Ch El (m)	42.40	Shear (N/m2)		0.15	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		13.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		66.03	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T100 anni - Ante

E.G. Elev (m)	43.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.22	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		32.31	
E.G. Slope (m/m)	0.000058	Area (m2)		32.31	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	70.83	Top Width (m)		70.83	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.82	Hydr. Depth (m)		0.46	
Conv. Total (m3/s)	478.1	Conv. (m3/s)		478.1	
Length Wtd. (m)	30.10	Wetted Per. (m)		70.95	
Min Ch El (m)	42.40	Shear (N/m2)		0.26	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		17.57	
C & E Loss (m)	0.00	Cum SA (1000 m2)		74.59	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T200 anni - Ante

E.G. Elev (m)	43.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.26	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		35.24	
E.G. Slope (m/m)	0.000071	Area (m2)		35.24	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T200 anni - Ante (Continued)

Top Width (m)	71.58	Top Width (m)		71.58	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	0.86	Hydr. Depth (m)		0.49	
Conv. Total (m3/s)	548.8	Conv. (m3/s)		548.8	
Length Wtd. (m)	30.10	Wetted Per. (m)		71.70	
Min Ch El (m)	42.40	Shear (N/m2)		0.34	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		25.77	
C & E Loss (m)	0.00	Cum SA (1000 m2)		87.23	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T500 anni - Ante

E.G. Elev (m)	43.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.32	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		38.96	
E.G. Slope (m/m)	0.000088	Area (m2)		38.96	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	72.51	Top Width (m)		72.51	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.92	Hydr. Depth (m)		0.54	
Conv. Total (m3/s)	642.7	Conv. (m3/s)		642.7	
Length Wtd. (m)	30.10	Wetted Per. (m)		72.64	
Min Ch El (m)	42.40	Shear (N/m2)		0.48	
Alpha	1.00	Stream Power (N/m s)		0.07	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		43.67	
C & E Loss (m)	0.00	Cum SA (1000 m2)		98.81	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T25 anni - Post

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		31.21	
E.G. Slope (m/m)	0.000034	Area (m2)		31.21	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	70.18	Top Width (m)		70.18	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	0.81	Hydr. Depth (m)		0.44	
Conv. Total (m3/s)	454.2	Conv. (m3/s)		454.2	
Length Wtd. (m)	30.10	Wetted Per. (m)		70.30	
Min Ch El (m)	42.40	Shear (N/m2)		0.15	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		13.34	
C & E Loss (m)	0.00	Cum SA (1000 m2)		66.47	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T50 anni - Post

E.G. Elev (m)	43.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.23	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		32.49	
E.G. Slope (m/m)	0.000058	Area (m2)		32.49	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	70.87	Top Width (m)		70.87	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.82	Hydr. Depth (m)		0.46	
Conv. Total (m3/s)	482.4	Conv. (m3/s)		482.4	
Length Wtd. (m)	30.10	Wetted Per. (m)		70.99	
Min Ch El (m)	42.40	Shear (N/m2)		0.26	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		17.88	
C & E Loss (m)	0.00	Cum SA (1000 m2)		74.96	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T100 anni - Post

E.G. Elev (m)	43.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.27	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		35.77	
E.G. Slope (m/m)	0.000073	Area (m2)		35.77	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	71.71	Top Width (m)		71.71	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	0.87	Hydr. Depth (m)		0.50	
Conv. Total (m3/s)	561.7	Conv. (m3/s)		561.7	
Length Wtd. (m)	30.10	Wetted Per. (m)		71.83	
Min Ch El (m)	42.40	Shear (N/m2)		0.36	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		28.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		89.38	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T200 anni - Post

E.G. Elev (m)	43.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.31	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		38.87	
E.G. Slope (m/m)	0.000087	Area (m2)		38.87	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	72.49	Top Width (m)		72.49	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.91	Hydr. Depth (m)		0.54	
Conv. Total (m3/s)	640.6	Conv. (m3/s)		640.6	
Length Wtd. (m)	30.10	Wetted Per. (m)		72.62	
Min Ch El (m)	42.40	Shear (N/m2)		0.46	
Alpha	1.00	Stream Power (N/m s)		0.07	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		43.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		98.41	

Plan: AnPo River 1 Reach 1 RS: 1737 Profile: T500 anni - Post

E.G. Elev (m)	43.37	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.37	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)		Flow Area (m2)		43.12	
E.G. Slope (m/m)	0.000106	Area (m2)		43.12	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	75.18	Top Width (m)		75.18	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.57	
Conv. Total (m3/s)	743.4	Conv. (m3/s)		743.4	
Length Wtd. (m)	30.10	Wetted Per. (m)		75.31	
Min Ch El (m)	42.40	Shear (N/m2)		0.59	
Alpha	1.00	Stream Power (N/m s)		0.11	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		53.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		111.15	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T25 anni - Ante

E.G. Elev (m)	43.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.16	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		22.41	
E.G. Slope (m/m)	0.000047	Area (m2)		22.41	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	65.12	Top Width (m)		65.12	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	274.7	Conv. (m3/s)		274.7	
Length Wtd. (m)	31.10	Wetted Per. (m)		65.25	
Min Ch El (m)	42.48	Shear (N/m2)		0.16	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		10.03	
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.28	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T50 anni - Ante

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		26.58	
E.G. Slope (m/m)	0.000064	Area (m2)		26.58	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	66.16	Top Width (m)		66.16	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	336.9	Conv. (m3/s)		336.9	
Length Wtd. (m)	31.10	Wetted Per. (m)		68.32	
Min Ch El (m)	42.48	Shear (N/m2)		0.24	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		12.70	
C & E Loss (m)	0.00	Cum SA (1000 m2)		63.98	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T100 anni - Ante

E.G. Elev (m)	43.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.22	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		26.37	
E.G. Slope (m/m)	0.000107	Area (m2)		26.37	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	67.52	Top Width (m)		67.52	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	351.7	Conv. (m3/s)		351.7	
Length Wtd. (m)	31.10	Wetted Per. (m)		67.66	
Min Ch El (m)	42.48	Shear (N/m2)		0.41	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		16.69	
C & E Loss (m)	0.00	Cum SA (1000 m2)		72.51	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T200 anni - Ante

E.G. Elev (m)	43.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.26	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		29.14	
E.G. Slope (m/m)	0.000128	Area (m2)		29.14	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T200 anni - Ante (Continued)

Top Width (m)	69.12	Top Width (m)		69.12	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.76	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	409.1	Conv. (m3/s)		409.1	
Length Wtd. (m)	31.10	Wetted Per. (m)		69.26	
Min Ch El (m)	42.48	Shear (N/m2)		0.53	
Alpha	1.00	Stream Power (N/m s)		0.08	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		24.80	
C & E Loss (m)	0.00	Cum SA (1000 m2)		85.11	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T500 anni - Ante

E.G. Elev (m)	43.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.31	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		32.69	
E.G. Slope (m/m)	0.000152	Area (m2)		32.69	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	70.81	Top Width (m)		70.81	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.46	
Conv. Total (m3/s)	487.5	Conv. (m3/s)		487.6	
Length Wtd. (m)	31.10	Wetted Per. (m)		70.96	
Min Ch El (m)	42.48	Shear (N/m2)		0.69	
Alpha	1.00	Stream Power (N/m s)		0.13	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		42.60	
C & E Loss (m)	0.00	Cum SA (1000 m2)		96.65	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T25 anni - Post

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		26.41	
E.G. Slope (m/m)	0.000062	Area (m2)		26.41	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	66.11	Top Width (m)		66.11	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	335.3	Conv. (m3/s)		335.3	
Length Wtd. (m)	31.10	Wetted Per. (m)		68.25	
Min Ch El (m)	42.48	Shear (N/m2)		0.23	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		12.48	
C & E Loss (m)	0.00	Cum SA (1000 m2)		63.42	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T50 anni - Post

E.G. Elev (m)	43.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.22	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		26.54	
E.G. Slope (m/m)	0.000107	Area (m2)		26.54	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	67.62	Top Width (m)		67.62	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	355.1	Conv. (m3/s)		355.1	
Length Wtd. (m)	31.10	Wetted Per. (m)		67.77	
Min Ch El (m)	42.48	Shear (N/m2)		0.41	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		16.99	
C & E Loss (m)	0.00	Cum SA (1000 m2)		72.89	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T100 anni - Post

E.G. Elev (m)	43.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.27	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		29.65	
E.G. Slope (m/m)	0.000131	Area (m2)		29.65	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	69.35	Top Width (m)		69.35	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.79	Hydr. Depth (m)		0.43	
Conv. Total (m3/s)	420.0	Conv. (m3/s)		420.0	
Length Wtd. (m)	31.10	Wetted Per. (m)		69.50	
Min Ch El (m)	42.48	Shear (N/m2)		0.55	
Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		27.20	
C & E Loss (m)	0.00	Cum SA (1000 m2)		87.26	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T200 anni - Post

E.G. Elev (m)	43.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.31	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		32.62	
E.G. Slope (m/m)	0.000152	Area (m2)		32.62	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	70.74	Top Width (m)		70.74	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.46	
Conv. Total (m3/s)	486.0	Conv. (m3/s)		486.0	
Length Wtd. (m)	31.10	Wetted Per. (m)		70.88	
Min Ch El (m)	42.48	Shear (N/m2)		0.69	
Alpha	1.00	Stream Power (N/m s)		0.13	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		42.02	
C & E Loss (m)	0.00	Cum SA (1000 m2)		96.26	

Plan: AnPo River 1 Reach 1 RS: 1707 Profile: T500 anni - Post

E.G. Elev (m)	43.37	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.37	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		36.75	
E.G. Slope (m/m)	0.000176	Area (m2)		36.75	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	73.94	Top Width (m)		73.94	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.50	
Conv. Total (m3/s)	575.6	Conv. (m3/s)		575.6	
Length Wtd. (m)	31.10	Wetted Per. (m)		74.08	
Min Ch El (m)	42.48	Shear (N/m2)		0.86	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		52.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		108.91	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T25 anni - Ante

E.G. Elev (m)	43.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.16	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		11.74	
E.G. Slope (m/m)	0.000367	Area (m2)		11.74	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	60.64	Top Width (m)		60.64	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	98.1	Conv. (m3/s)		98.1	
Length Wtd. (m)	29.50	Wetted Per. (m)		60.69	
Min Ch El (m)	42.71	Shear (N/m2)		0.70	
Alpha	1.00	Stream Power (N/m s)		0.11	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		9.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		55.32	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T50 anni - Ante

E.G. Elev (m)	43.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.20	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		14.70	
E.G. Slope (m/m)	0.000389	Area (m2)		14.70	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	64.22	Top Width (m)		64.22	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	137.5	Conv. (m3/s)		137.5	
Length Wtd. (m)	29.50	Wetted Per. (m)		64.27	
Min Ch El (m)	42.71	Shear (N/m2)		0.87	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		12.08	
C & E Loss (m)	0.00	Cum SA (1000 m2)		61.96	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T100 anni - Ante

E.G. Elev (m)	43.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		15.24	
E.G. Slope (m/m)	0.000624	Area (m2)		15.24	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	64.59	Top Width (m)		64.59	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	145.4	Conv. (m3/s)		145.4	
Length Wtd. (m)	29.50	Wetted Per. (m)		64.64	
Min Ch El (m)	42.71	Shear (N/m2)		1.44	
Alpha	1.00	Stream Power (N/m s)		0.34	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		16.04	
C & E Loss (m)	0.01	Cum SA (1000 m2)		70.46	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T200 anni - Ante

E.G. Elev (m)	43.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.25	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		17.82	
E.G. Slope (m/m)	0.000828	Area (m2)		17.82	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T200 anni - Ante (Continued)

Top Width (m)	66.70	Top Width (m)		66.70	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.54	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	184.7	Conv. (m3/s)		184.7	
Length Wtd. (m)	29.50	Wetted Per. (m)		66.76	
Min Ch El (m)	42.71	Shear (N/m2)		1.64	
Alpha	1.00	Stream Power (N/m s)		0.43	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		24.07	
C & E Loss (m)	0.01	Cum SA (1000 m2)		83.00	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T500 anni - Ante

E.G. Elev (m)	43.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.30	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		21.24	
E.G. Slope (m/m)	0.000648	Area (m2)		21.24	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	71.39	Top Width (m)		71.39	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	236.5	Conv. (m3/s)		236.5	
Length Wtd. (m)	29.50	Wetted Per. (m)		71.45	
Min Ch El (m)	42.71	Shear (N/m2)		1.89	
Alpha	1.00	Stream Power (N/m s)		0.54	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		41.76	
C & E Loss (m)	0.01	Cum SA (1000 m2)		94.44	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T25 anni - Post

E.G. Elev (m)	43.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.20	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		14.54	
E.G. Slope (m/m)	0.000385	Area (m2)		14.54	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	64.10	Top Width (m)		64.10	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	135.1	Conv. (m3/s)		135.1	
Length Wtd. (m)	29.50	Wetted Per. (m)		64.15	
Min Ch El (m)	42.71	Shear (N/m2)		0.86	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		11.86	
C & E Loss (m)	0.00	Cum SA (1000 m2)		61.40	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T50 anni - Post

E.G. Elev (m)	43.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.21	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		15.40	
E.G. Slope (m/m)	0.000620	Area (m2)		15.40	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	64.70	Top Width (m)		64.70	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	147.8	Conv. (m3/s)		147.8	
Length Wtd. (m)	29.50	Wetted Per. (m)		64.75	
Min Ch El (m)	42.71	Shear (N/m2)		1.45	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.35	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		18.34	
C & E Loss (m)	0.01	Cum SA (1000 m2)		70.84	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T100 anni - Post

E.G. Elev (m)	43.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.28	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		18.30	
E.G. Slope (m/m)	0.000633	Area (m2)		18.30	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	67.94	Top Width (m)		67.94	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.55	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	190.7	Conv. (m3/s)		190.7	
Length Wtd. (m)	29.50	Wetted Per. (m)		67.99	
Min Ch El (m)	42.71	Shear (N/m2)		1.67	
Alpha	1.00	Stream Power (N/m s)		0.44	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		26.45	
C & E Loss (m)	0.01	Cum SA (1000 m2)		85.13	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T200 anni - Post

E.G. Elev (m)	43.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.30	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		21.16	
E.G. Slope (m/m)	0.000647	Area (m2)		21.16	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	71.23	Top Width (m)		71.23	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	235.5	Conv. (m3/s)		235.5	
Length Wtd. (m)	29.50	Wetted Per. (m)		71.28	
Min Ch El (m)	42.71	Shear (N/m2)		1.88	
Alpha	1.00	Stream Power (N/m s)		0.53	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		41.19	
C & E Loss (m)	0.01	Cum SA (1000 m2)		94.06	

Plan: AnPo River 1 Reach 1 RS: 1676 Profile: T500 anni - Post

E.G. Elev (m)	43.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	43.36	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		25.22	
E.G. Slope (m/m)	0.000614	Area (m2)		25.22	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	73.70	Top Width (m)		73.70	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	306.4	Conv. (m3/s)		306.4	
Length Wtd. (m)	29.50	Wetted Per. (m)		73.76	
Min Ch El (m)	42.71	Shear (N/m2)		2.06	
Alpha	1.00	Stream Power (N/m s)		0.62	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		51.31	
C & E Loss (m)	0.00	Cum SA (1000 m2)		106.61	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T25 anni - Ante

E.G. Elev (m)	43.13	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	43.12	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.01	Flow Area (m2)		3.88	
E.G. Slope (m/m)	0.003781	Area (m2)		3.88	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	21.91	Top Width (m)		21.91	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	30.6	Conv. (m3/s)		30.6	
Length Wtd. (m)	33.90	Wetted Per. (m)		21.93	
Min Ch El (m)	42.78	Shear (N/m2)		6.56	
Alpha	1.00	Stream Power (N/m s)		3.18	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		9.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		54.11	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T50 anni - Ante

E.G. Elev (m)	43.18	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	43.16	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.04	Flow Area (m2)		4.82	
E.G. Slope (m/m)	0.004271	Area (m2)		4.82	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	23.84	Top Width (m)		23.84	
Vel Total (m/s)	0.56	Avg. Vel. (m/s)		0.56	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	41.5	Conv. (m3/s)		41.5	
Length Wtd. (m)	33.90	Wetted Per. (m)		23.86	
Min Ch El (m)	42.79	Shear (N/m2)		8.46	
Alpha	1.00	Stream Power (N/m s)		4.76	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		11.79	
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.65	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T100 anni - Ante

E.G. Elev (m)	43.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	43.07	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.07	Flow Area (m2)		2.93	
E.G. Slope (m/m)	0.029104	Area (m2)		2.93	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	18.72	Top Width (m)		18.72	
Vel Total (m/s)	1.24	Avg. Vel. (m/s)		1.24	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	21.3	Conv. (m3/s)		21.3	
Length Wtd. (m)	33.90	Wetted Per. (m)		18.73	
Min Ch El (m)	42.78	Shear (N/m2)		44.66	
Alpha	1.00	Stream Power (N/m s)		55.32	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		15.78	
C & E Loss (m)	0.02	Cum SA (1000 m2)		69.23	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T200 anni - Ante

E.G. Elev (m)	43.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	43.11	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.11	Flow Area (m2)		3.63	
E.G. Slope (m/m)	0.027809	Area (m2)		3.63	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T200 anni - Ante (Continued)

Top Width (m)	21.40	Top Width (m)		21.40	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	27.8	Conv. (m3/s)		27.8	
Length Wtd. (m)	33.90	Wetted Per. (m)		21.42	
Min Ch El (m)	42.78	Shear (N/m2)		46.19	
Alpha	1.00	Stream Power (N/m s)		58.96	
Frctn Loss (m)	0.39	Cum Volume (1000 m3)		23.76	
C & E Loss (m)	0.02	Cum SA (1000 m2)		81.70	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T500 anni - Ante

E.G. Elev (m)	43.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	43.17	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.14	Flow Area (m2)		5.10	
E.G. Slope (m/m)	0.015536	Area (m2)		5.10	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	24.95	Top Width (m)		24.95	
Vel Total (m/s)	1.18	Avg. Vel. (m/s)		1.18	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	44.2	Conv. (m3/s)		44.2	
Length Wtd. (m)	33.90	Wetted Per. (m)		24.97	
Min Ch El (m)	42.78	Shear (N/m2)		37.12	
Alpha	1.00	Stream Power (N/m s)		43.82	
Frctn Loss (m)	0.37	Cum Volume (1000 m3)		41.37	
C & E Loss (m)	0.02	Cum SA (1000 m2)		93.02	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T25 anni - Post

E.G. Elev (m)	43.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	43.16	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.04	Flow Area (m2)		4.78	
E.G. Slope (m/m)	0.004165	Area (m2)		4.78	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	23.67	Top Width (m)		23.67	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	41.1	Conv. (m3/s)		41.1	
Length Wtd. (m)	33.90	Wetted Per. (m)		23.68	
Min Ch El (m)	42.78	Shear (N/m2)		8.24	
Alpha	1.00	Stream Power (N/m s)		4.57	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		11.58	
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.10	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T50 anni - Post

E.G. Elev (m)	43.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	43.08	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.08	Flow Area (m2)		2.99	
E.G. Slope (m/m)	0.028208	Area (m2)		2.99	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	18.83	Top Width (m)		18.83	
Vel Total (m/s)	1.23	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	21.9	Conv. (m3/s)		21.9	
Length Wtd. (m)	33.90	Wetted Per. (m)		18.84	
Min Ch El (m)	42.78	Shear (N/m2)		43.90	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		54.02	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		16.06	
C & E Loss (m)	0.02	Cum SA (1000 m2)		69.60	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T100 anni - Post

E.G. Elev (m)	43.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	43.11	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.11	Flow Area (m2)		3.66	
E.G. Slope (m/m)	0.028647	Area (m2)		3.66	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	21.51	Top Width (m)		21.51	
Vel Total (m/s)	1.30	Avg. Vel. (m/s)		1.30	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	28.4	Conv. (m3/s)		28.4	
Length Wtd. (m)	33.90	Wetted Per. (m)		21.53	
Min Ch El (m)	42.78	Shear (N/m2)		48.06	
Alpha	1.00	Stream Power (N/m s)		62.64	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		26.13	
C & E Loss (m)	0.02	Cum SA (1000 m2)		83.81	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T200 anni - Post

E.G. Elev (m)	43.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	43.17	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.14	Flow Area (m2)		5.08	
E.G. Slope (m/m)	0.018576	Area (m2)		5.08	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	24.92	Top Width (m)		24.92	
Vel Total (m/s)	1.18	Avg. Vel. (m/s)		1.18	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	43.9	Conv. (m3/s)		43.9	
Length Wtd. (m)	33.90	Wetted Per. (m)		24.94	
Min Ch El (m)	42.78	Shear (N/m2)		37.10	
Alpha	1.00	Stream Power (N/m s)		43.75	
Frctn Loss (m)	0.36	Cum Volume (1000 m3)		40.80	
C & E Loss (m)	0.02	Cum SA (1000 m2)		92.63	

Plan: AnPo River 1 Reach 1 RS: 1646 Profile: T500 anni - Post

E.G. Elev (m)	43.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	43.25	Reach Len. (m)	33.90	33.90	33.90
Crit W.S. (m)	43.18	Flow Area (m2)		7.63	
E.G. Slope (m/m)	0.014241	Area (m2)		7.63	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	39.18	Top Width (m)		39.18	
Vel Total (m/s)	1.00	Avg. Vel. (m/s)		1.00	
Max Chl Dpth (m)	0.47	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	64.0	Conv. (m3/s)		64.0	
Length Wtd. (m)	33.90	Wetted Per. (m)		39.20	
Min Ch El (m)	42.78	Shear (N/m2)		27.17	
Alpha	1.00	Stream Power (N/m s)		27.22	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		50.82	
C & E Loss (m)	0.01	Cum SA (1000 m2)		104.95	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T25 anni - Ante

E.G. Elev (m)	42.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	42.79	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.79	Flow Area (m2)		2.24	
E.G. Slope (m/m)	0.040340	Area (m2)		2.24	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	32.72	Top Width (m)		32.72	
Vel Total (m/s)	0.84	Avg. Vel. (m/s)		0.84	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.07	
Conv. Total (m3/s)	9.4	Conv. (m3/s)		9.4	
Length Wtd. (m)		Wetted Per. (m)		32.82	
Min Ch El (m)	42.36	Shear (N/m2)		27.01	
Alpha	1.00	Stream Power (N/m s)		22.66	
Frctn Loss (m)		Cum Volume (1000 m3)		9.16	
C & E Loss (m)		Cum SA (1000 m2)		53.18	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T50 anni - Ante

E.G. Elev (m)	42.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	42.81	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.81	Flow Area (m2)		2.96	
E.G. Slope (m/m)	0.034471	Area (m2)		2.96	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	33.37	Top Width (m)		33.37	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	14.6	Conv. (m3/s)		14.6	
Length Wtd. (m)		Wetted Per. (m)		33.47	
Min Ch El (m)	42.36	Shear (N/m2)		29.78	
Alpha	1.00	Stream Power (N/m s)		27.37	
Frctn Loss (m)		Cum Volume (1000 m3)		11.66	
C & E Loss (m)		Cum SA (1000 m2)		59.68	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T100 anni - Ante

E.G. Elev (m)	42.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.002588	Area (m2)		10.25	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	69.23	Top Width (m)		69.23	
Vel Total (m/s)	0.35	Avg. Vel. (m/s)		0.35	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.35	
Min Ch El (m)	42.36	Shear (N/m2)		3.72	
Alpha	1.00	Stream Power (N/m s)		1.32	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		15.55	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.74	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T200 anni - Ante

E.G. Elev (m)	42.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.004178	Area (m2)		10.25	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T200 anni - Ante (Continued)

Top Width (m)	69.23	Top Width (m)		69.23	
Vel Total (m/s)	0.45	Avg. Vel. (m/s)		0.45	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.35	
Min Ch El (m)	42.38	Shear (N/m2)		6.06	
Alpha	1.00	Stream Power (N/m s)		2.74	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		23.52	
C & E Loss (m)	0.00	Cum SA (1000 m2)		80.16	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T500 anni - Ante

E.G. Elev (m)	42.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.007064	Area (m2)		10.25	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	69.23	Top Width (m)		69.23	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.35	
Min Ch El (m)	42.38	Shear (N/m2)		10.24	
Alpha	1.00	Stream Power (N/m s)		6.01	
Frctn Loss (m)	0.29	Cum Volume (1000 m3)		41.11	
C & E Loss (m)	0.00	Cum SA (1000 m2)		91.42	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T25 anni - Post

E.G. Elev (m)	42.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	42.81	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.81	Flow Area (m2)		2.84	
E.G. Slope (m/m)	0.037164	Area (m2)		2.84	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	33.19	Top Width (m)		33.19	
Vel Total (m/s)	0.93	Avg. Vel. (m/s)		0.93	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	13.7	Conv. (m3/s)		13.7	
Length Wtd. (m)		Wetted Per. (m)		33.29	
Min Ch El (m)	42.36	Shear (N/m2)		31.08	
Alpha	1.00	Stream Power (N/m s)		29.01	
Frctn Loss (m)		Cum Volume (1000 m3)		11.45	
C & E Loss (m)		Cum SA (1000 m2)		99.14	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T50 anni - Post

E.G. Elev (m)	42.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.002640	Area (m2)		10.25	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	69.23	Top Width (m)		69.23	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.35	
Min Ch El (m)	42.38	Shear (N/m2)		3.63	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		1.37	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		15.84	
C & E Loss (m)	0.00	Cum SA (1000 m2)		68.11	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T100 anni - Post

E.G. Elev (m)	42.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.15	
E.G. Slope (m/m)	0.004625	Area (m2)		10.15	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	69.03	Top Width (m)		69.03	
Vel Total (m/s)	0.47	Avg. Vel. (m/s)		0.47	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	70.6	Conv. (m3/s)		70.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.15	
Min Ch El (m)	42.36	Shear (N/m2)		6.66	
Alpha	1.00	Stream Power (N/m s)		3.15	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		26.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		82.27	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T200 anni - Post

E.G. Elev (m)	42.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.006993	Area (m2)		10.25	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	69.23	Top Width (m)		69.23	
Vel Total (m/s)	0.58	Avg. Vel. (m/s)		0.58	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.35	
Min Ch El (m)	42.38	Shear (N/m2)		10.14	
Alpha	1.00	Stream Power (N/m s)		5.92	
Frctn Loss (m)	0.29	Cum Volume (1000 m3)		40.54	
C & E Loss (m)	0.00	Cum SA (1000 m2)		91.04	

Plan: AnPo River 1 Reach 1 RS: 1612 Profile: T500 anni - Post

E.G. Elev (m)	42.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	42.84	Reach Len. (m)	57.70	57.70	57.70
Crit W.S. (m)	42.84	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.011377	Area (m2)		10.25	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	69.23	Top Width (m)		69.23	
Vel Total (m/s)	0.75	Avg. Vel. (m/s)		0.75	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)	57.70	Wetted Per. (m)		69.35	
Min Ch El (m)	42.36	Shear (N/m2)		16.49	
Alpha	1.00	Stream Power (N/m s)		12.29	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		50.52	
C & E Loss (m)	0.01	Cum SA (1000 m2)		103.11	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T25 anni - Ante

E.G. Elev (m)	42.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.22	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.19	Flow Area (m2)		3.09	
E.G. Slope (m/m)	0.016138	Area (m2)		3.09	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	36.83	Top Width (m)		36.83	
Vel Total (m/s)	0.61	Avg. Vel. (m/s)		0.61	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	14.8	Conv. (m3/s)		14.8	
Length Wtd. (m)	29.90	Wetted Per. (m)		36.89	
Min Ch El (m)	41.85	Shear (N/m2)		13.26	
Alpha	1.00	Stream Power (N/m s)		8.07	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		9.01	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.17	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T50 anni - Ante

E.G. Elev (m)	42.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.27	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.21	Flow Area (m2)		5.51	
E.G. Slope (m/m)	0.007889	Area (m2)		5.51	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	51.78	Top Width (m)		51.78	
Vel Total (m/s)	0.49	Avg. Vel. (m/s)		0.49	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	30.9	Conv. (m3/s)		30.9	
Length Wtd. (m)	29.90	Wetted Per. (m)		51.84	
Min Ch El (m)	41.85	Shear (N/m2)		8.01	
Alpha	1.00	Stream Power (N/m s)		3.94	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		11.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.23	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T100 anni - Ante

E.G. Elev (m)	42.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.30	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.24	Flow Area (m2)		7.57	
E.G. Slope (m/m)	0.005816	Area (m2)		7.57	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	60.04	Top Width (m)		60.04	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	47.6	Conv. (m3/s)		47.6	
Length Wtd. (m)	29.90	Wetted Per. (m)		60.10	
Min Ch El (m)	41.85	Shear (N/m2)		7.19	
Alpha	1.00	Stream Power (N/m s)		3.44	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		15.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		64.01	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T200 anni - Ante

E.G. Elev (m)	42.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.34	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.25	Flow Area (m2)		10.02	
E.G. Slope (m/m)	0.004200	Area (m2)		10.02	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T200 anni - Ante (Continued)

Top Width (m)	65.64	Top Width (m)		65.64	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	71.4	Conv. (m3/s)		71.4	
Length Wtd. (m)	29.90	Wetted Per. (m)		65.71	
Min Ch El (m)	41.85	Shear (N/m2)		6.28	
Alpha	1.00	Stream Power (N/m s)		2.90	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		22.94	
C & E Loss (m)	0.00	Cum SA (1000 m2)		76.27	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T500 anni - Ante

E.G. Elev (m)	42.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.38	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.27	Flow Area (m2)		13.00	
E.G. Slope (m/m)	0.003765	Area (m2)		13.00	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	78.33	Top Width (m)		78.33	
Vel Total (m/s)	0.46	Avg. Vel. (m/s)		0.46	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	98.1	Conv. (m3/s)		98.1	
Length Wtd. (m)	29.90	Wetted Per. (m)		78.40	
Min Ch El (m)	41.85	Shear (N/m2)		6.12	
Alpha	1.00	Stream Power (N/m s)		2.83	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		40.44	
C & E Loss (m)	0.00	Cum SA (1000 m2)		87.17	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T25 anni - Post

E.G. Elev (m)	42.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.26	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.21	Flow Area (m2)		5.36	
E.G. Slope (m/m)	0.007973	Area (m2)		5.36	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	51.46	Top Width (m)		51.46	
Vel Total (m/s)	0.49	Avg. Vel. (m/s)		0.49	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	29.7	Conv. (m3/s)		29.7	
Length Wtd. (m)	29.90	Wetted Per. (m)		51.53	
Min Ch El (m)	41.85	Shear (N/m2)		8.14	
Alpha	1.00	Stream Power (N/m s)		4.02	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		11.21	
C & E Loss (m)	0.00	Cum SA (1000 m2)		56.70	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T50 anni - Post

E.G. Elev (m)	42.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.31	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.24	Flow Area (m2)		7.69	
E.G. Slope (m/m)	0.005745	Area (m2)		7.69	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	60.59	Top Width (m)		60.59	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	48.6	Conv. (m3/s)		48.6	
Length Wtd. (m)	29.90	Wetted Per. (m)		60.68	
Min Ch El (m)	41.85	Shear (N/m2)		7.15	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		3.42	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		15.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		64.37	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T100 anni - Post

E.G. Elev (m)	42.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.35	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.26	Flow Area (m2)		10.38	
E.G. Slope (m/m)	0.004078	Area (m2)		10.38	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	66.45	Top Width (m)		66.45	
Vel Total (m/s)	0.46	Avg. Vel. (m/s)		0.46	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	75.2	Conv. (m3/s)		75.2	
Length Wtd. (m)	29.90	Wetted Per. (m)		66.52	
Min Ch El (m)	41.85	Shear (N/m2)		6.24	
Alpha	1.00	Stream Power (N/m s)		2.89	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		25.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.36	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T200 anni - Post

E.G. Elev (m)	42.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.38	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.27	Flow Area (m2)		12.94	
E.G. Slope (m/m)	0.003774	Area (m2)		12.94	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	78.17	Top Width (m)		78.17	
Vel Total (m/s)	0.46	Avg. Vel. (m/s)		0.46	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	97.5	Conv. (m3/s)		97.5	
Length Wtd. (m)	29.90	Wetted Per. (m)		78.24	
Min Ch El (m)	41.85	Shear (N/m2)		6.12	
Alpha	1.00	Stream Power (N/m s)		2.83	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		39.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		86.78	

Plan: AnPo River 1 Reach 1 RS: 1555 Profile: T500 anni - Post

E.G. Elev (m)	42.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.43	Reach Len. (m)	29.90	29.90	29.90
Crit W.S. (m)	42.29	Flow Area (m2)		16.38	
E.G. Slope (m/m)	0.003179	Area (m2)		16.38	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	88.04	Top Width (m)		88.04	
Vel Total (m/s)	0.47	Avg. Vel. (m/s)		0.47	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	135.5	Conv. (m3/s)		135.5	
Length Wtd. (m)	29.90	Wetted Per. (m)		86.11	
Min Ch El (m)	41.85	Shear (N/m2)		5.93	
Alpha	1.00	Stream Power (N/m s)		2.77	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		49.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		98.63	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T25 anni - Ante

E.G. Elev (m)	42.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.14	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		6.82	
E.G. Slope (m/m)	0.001172	Area (m2)		6.82	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	37.03	Top Width (m)		37.03	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.87	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	54.8	Conv. (m3/s)		54.8	
Length Wtd. (m)	29.10	Wetted Per. (m)		37.26	
Min Ch El (m)	41.27	Shear (N/m2)		2.10	
Alpha	1.00	Stream Power (N/m s)		0.58	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		8.86	
C & E Loss (m)	0.00	Cum SA (1000 m2)		50.07	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T50 anni - Ante

E.G. Elev (m)	42.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.19	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		9.16	
E.G. Slope (m/m)	0.001441	Area (m2)		9.16	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	52.36	Top Width (m)		52.36	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.92	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	71.4	Conv. (m3/s)		71.4	
Length Wtd. (m)	29.10	Wetted Per. (m)		52.58	
Min Ch El (m)	41.27	Shear (N/m2)		2.46	
Alpha	1.00	Stream Power (N/m s)		0.73	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		11.19	
C & E Loss (m)	0.00	Cum SA (1000 m2)		55.67	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T100 anni - Ante

E.G. Elev (m)	42.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.24	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		11.88	
E.G. Slope (m/m)	0.001291	Area (m2)		11.88	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	59.70	Top Width (m)		59.70	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	101.0	Conv. (m3/s)		101.0	
Length Wtd. (m)	29.10	Wetted Per. (m)		59.93	
Min Ch El (m)	41.27	Shear (N/m2)		2.51	
Alpha	1.00	Stream Power (N/m s)		0.77	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		14.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		62.22	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T200 anni - Ante

E.G. Elev (m)	42.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.28	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		14.85	
E.G. Slope (m/m)	0.001295	Area (m2)		14.85	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T200 anni - Ante (Continued)

Top Width (m)	72.61	Top Width (m)		72.61	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	1.01	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	128.6	Conv. (m3/s)		128.6	
Length Wtd. (m)	29.10	Wetted Per. (m)		72.84	
Min Ch El (m)	41.27	Shear (N/m2)		2.59	
Alpha	1.00	Stream Power (N/m s)		0.81	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		33.57	
C & E Loss (m)	0.00	Cum SA (1000 m2)		74.21	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T500 anni - Ante

E.G. Elev (m)	42.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.33	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		18.41	
E.G. Slope (m/m)	0.001219	Area (m2)		18.41	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	80.11	Top Width (m)		80.11	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	1.06	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	172.4	Conv. (m3/s)		172.4	
Length Wtd. (m)	29.10	Wetted Per. (m)		80.36	
Min Ch El (m)	41.27	Shear (N/m2)		2.74	
Alpha	1.00	Stream Power (N/m s)		0.90	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		39.97	
C & E Loss (m)	0.00	Cum SA (1000 m2)		84.60	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T25 anni - Post

E.G. Elev (m)	42.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.19	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		8.98	
E.G. Slope (m/m)	0.001432	Area (m2)		8.98	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	51.38	Top Width (m)		51.38	
Vel Total (m/s)	0.29	Avg. Vel. (m/s)		0.29	
Max Chl Dpth (m)	0.92	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	70.0	Conv. (m3/s)		70.0	
Length Wtd. (m)	29.10	Wetted Per. (m)		51.60	
Min Ch El (m)	41.27	Shear (N/m2)		2.44	
Alpha	1.00	Stream Power (N/m s)		0.72	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		11.00	
C & E Loss (m)	0.00	Cum SA (1000 m2)		55.16	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T50 anni - Post

E.G. Elev (m)	42.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.24	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		12.04	
E.G. Slope (m/m)	0.001280	Area (m2)		12.04	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	60.01	Top Width (m)		60.01	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	102.8	Conv. (m3/s)		102.8	
Length Wtd. (m)	29.10	Wetted Per. (m)		60.24	
Min Ch El (m)	41.27	Shear (N/m2)		2.51	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.77	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		15.03	
C & E Loss (m)	0.00	Cum SA (1000 m2)		62.56	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T100 anni - Post

E.G. Elev (m)	42.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.29	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		15.28	
E.G. Slope (m/m)	0.001294	Area (m2)		15.28	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	73.82	Top Width (m)		73.82	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	1.02	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	133.4	Conv. (m3/s)		133.4	
Length Wtd. (m)	29.10	Wetted Per. (m)		74.05	
Min Ch El (m)	41.27	Shear (N/m2)		2.62	
Alpha	1.00	Stream Power (N/m s)		0.82	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		24.92	
C & E Loss (m)	0.00	Cum SA (1000 m2)		76.27	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T200 anni - Post

E.G. Elev (m)	42.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.33	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		18.34	
E.G. Slope (m/m)	0.001221	Area (m2)		18.34	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	80.05	Top Width (m)		80.05	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	1.06	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	171.4	Conv. (m3/s)		171.4	
Length Wtd. (m)	29.10	Wetted Per. (m)		80.29	
Min Ch El (m)	41.27	Shear (N/m2)		2.74	
Alpha	1.00	Stream Power (N/m s)		0.89	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		39.40	
C & E Loss (m)	0.00	Cum SA (1000 m2)		84.42	

Plan: AnPo River 1 Reach 1 RS: 1525 Profile: T500 anni - Post

E.G. Elev (m)	42.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.38	Reach Len. (m)	29.10	29.10	29.10
Crit W.S. (m)		Flow Area (m2)		22.25	
E.G. Slope (m/m)	0.001168	Area (m2)		22.25	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	87.11	Top Width (m)		87.11	
Vel Total (m/s)	0.34	Avg. Vel. (m/s)		0.34	
Max Chl Dpth (m)	1.11	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	223.5	Conv. (m3/s)		223.5	
Length Wtd. (m)	29.10	Wetted Per. (m)		87.35	
Min Ch El (m)	41.27	Shear (N/m2)		2.92	
Alpha	1.00	Stream Power (N/m s)		1.00	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		49.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		96.04	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T25 anni - Ante

E.G. Elev (m)	42.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.11	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		7.04	
E.G. Slope (m/m)	0.001058	Area (m2)		7.04	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	37.04	Top Width (m)		37.04	
Vel Total (m/s)	0.27	Avg. Vel. (m/s)		0.27	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	57.8	Conv. (m3/s)		57.8	
Length Wtd. (m)	30.00	Wetted Per. (m)		37.46	
Min Ch El (m)	41.26	Shear (N/m2)		1.95	
Alpha	1.00	Stream Power (N/m s)		0.52	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		8.66	
C & E Loss (m)	0.00	Cum SA (1000 m2)		48.99	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T50 anni - Ante

E.G. Elev (m)	42.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.15	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		8.76	
E.G. Slope (m/m)	0.001133	Area (m2)		8.76	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	38.92	Top Width (m)		38.92	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	80.5	Conv. (m3/s)		80.5	
Length Wtd. (m)	30.00	Wetted Per. (m)		39.34	
Min Ch El (m)	41.26	Shear (N/m2)		2.48	
Alpha	1.00	Stream Power (N/m s)		0.77	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		10.93	
C & E Loss (m)	0.00	Cum SA (1000 m2)		54.34	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T100 anni - Ante

E.G. Elev (m)	42.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.20	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		10.73	
E.G. Slope (m/m)	0.001425	Area (m2)		10.73	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	49.59	Top Width (m)		49.59	
Vel Total (m/s)	0.34	Avg. Vel. (m/s)		0.34	
Max Chl Dpth (m)	0.94	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	96.2	Conv. (m3/s)		96.2	
Length Wtd. (m)	30.00	Wetted Per. (m)		50.03	
Min Ch El (m)	41.26	Shear (N/m2)		3.00	
Alpha	1.00	Stream Power (N/m s)		1.01	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		14.42	
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.63	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T200 anni - Ante

E.G. Elev (m)	42.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.24	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		13.21	
E.G. Slope (m/m)	0.001558	Area (m2)		13.21	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T200 anni - Ante (Continued)

Top Width (m)	61.97	Top Width (m)		61.97	
Vel Total (m/s)	0.35	Avg. Vel. (m/s)		0.35	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	117.3	Conv. (m3/s)		117.3	
Length Wtd. (m)	30.00	Wetted Per. (m)		62.41	
Min Ch El (m)	41.26	Shear (N/m2)		3.23	
Alpha	1.00	Stream Power (N/m s)		1.13	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		22.16	
C & E Loss (m)	0.00	Cum SA (1000 m2)		72.25	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T500 anni - Ante

E.G. Elev (m)	42.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.29	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		18.36	
E.G. Slope (m/m)	0.001642	Area (m2)		18.36	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	74.25	Top Width (m)		74.25	
Vel Total (m/s)	0.37	Avg. Vel. (m/s)		0.37	
Max Chl Dpth (m)	1.03	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	148.6	Conv. (m3/s)		148.6	
Length Wtd. (m)	30.00	Wetted Per. (m)		74.70	
Min Ch El (m)	41.26	Shear (N/m2)		3.53	
Alpha	1.00	Stream Power (N/m s)		1.30	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		39.46	
C & E Loss (m)	0.00	Cum SA (1000 m2)		82.55	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T25 anni - Post

E.G. Elev (m)	42.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	42.15	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		8.64	
E.G. Slope (m/m)	0.001132	Area (m2)		8.64	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	38.83	Top Width (m)		38.83	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	78.8	Conv. (m3/s)		78.8	
Length Wtd. (m)	30.00	Wetted Per. (m)		39.26	
Min Ch El (m)	41.26	Shear (N/m2)		2.44	
Alpha	1.00	Stream Power (N/m s)		0.75	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		10.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		53.85	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T50 anni - Post

E.G. Elev (m)	42.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.20	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		10.86	
E.G. Slope (m/m)	0.001433	Area (m2)		10.86	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	50.28	Top Width (m)		50.28	
Vel Total (m/s)	0.34	Avg. Vel. (m/s)		0.34	
Max Chl Dpth (m)	0.94	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	97.2	Conv. (m3/s)		97.2	
Length Wtd. (m)	30.00	Wetted Per. (m)		50.72	
Min Ch El (m)	41.26	Shear (N/m2)		3.01	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		1.02	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		14.69	
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.96	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T100 anni - Post

E.G. Elev (m)	42.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.25	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		13.57	
E.G. Slope (m/m)	0.001573	Area (m2)		13.57	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	63.21	Top Width (m)		63.21	
Vel Total (m/s)	0.35	Avg. Vel. (m/s)		0.35	
Max Chl Dpth (m)	0.99	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	121.0	Conv. (m3/s)		121.0	
Length Wtd. (m)	30.00	Wetted Per. (m)		63.66	
Min Ch El (m)	41.26	Shear (N/m2)		3.29	
Alpha	1.00	Stream Power (N/m s)		1.16	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		24.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		74.27	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T200 anni - Post

E.G. Elev (m)	42.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.29	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		16.29	
E.G. Slope (m/m)	0.001643	Area (m2)		16.29	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	74.06	Top Width (m)		74.06	
Vel Total (m/s)	0.37	Avg. Vel. (m/s)		0.37	
Max Chl Dpth (m)	1.03	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	147.8	Conv. (m3/s)		147.8	
Length Wtd. (m)	30.00	Wetted Per. (m)		74.51	
Min Ch El (m)	41.26	Shear (N/m2)		3.52	
Alpha	1.00	Stream Power (N/m s)		1.29	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		36.90	
C & E Loss (m)	0.00	Cum SA (1000 m2)		82.18	

Plan: AnPo River 1 Reach 1 RS: 1496 Profile: T500 anni - Post

E.G. Elev (m)	42.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	42.34	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		20.27	
E.G. Slope (m/m)	0.001630	Area (m2)		20.27	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	84.24	Top Width (m)		84.24	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	1.08	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	195.3	Conv. (m3/s)		195.3	
Length Wtd. (m)	30.00	Wetted Per. (m)		84.70	
Min Ch El (m)	41.26	Shear (N/m2)		3.58	
Alpha	1.00	Stream Power (N/m s)		1.35	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		48.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		93.55	

Plan: AnPo River 1 Reach 1 RS: 1466 Profile: T25 anni - Ante

E.G. Elev (m)	42.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.03	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		3.43	
E.G. Slope (m/m)	0.007512	Area (m2)		3.43	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	26.48	Top Width (m)		26.48	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	1.00	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	21.7	Conv. (m3/s)		21.7	
Length Wtd. (m)	29.60	Wetted Per. (m)		26.94	
Min Ch El (m)	41.03	Shear (N/m2)		9.36	
Alpha	1.00	Stream Power (N/m s)		5.14	
Frctn Loss (m)	0.16	Cum Volume (1000 m3)		8.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		48.04	

Plan: AnPo River 1 Reach 1 RS: 1466 Profile: T50 anni - Ante

E.G. Elev (m)	42.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.07	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		4.69	
E.G. Slope (m/m)	0.007055	Area (m2)		4.69	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	31.94	Top Width (m)		31.94	
Vel Total (m/s)	0.58	Avg. Vel. (m/s)		0.58	
Max Chl Dpth (m)	1.04	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	32.3	Conv. (m3/s)		32.3	
Length Wtd. (m)	29.60	Wetted Per. (m)		32.41	
Min Ch El (m)	41.03	Shear (N/m2)		10.00	
Alpha	1.00	Stream Power (N/m s)		5.78	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		10.73	
C & E Loss (m)	0.00	Cum SA (1000 m2)		53.28	

Plan: AnPo River 1 Reach 1 RS: 1466 Profile: T100 anni - Ante

E.G. Elev (m)	42.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.10	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		5.77	
E.G. Slope (m/m)	0.006518	Area (m2)		5.77	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	32.74	Top Width (m)		32.74	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	1.07	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	45.0	Conv. (m3/s)		45.0	
Length Wtd. (m)	29.60	Wetted Per. (m)		33.22	
Min Ch El (m)	41.03	Shear (N/m2)		11.11	
Alpha	1.00	Stream Power (N/m s)		6.98	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		14.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		59.39	

Plan: AnPo River 1 Reach 1 RS: 1466 Profile: T200 anni - Ante

E.G. Elev (m)	42.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.14	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		7.14	
E.G. Slope (m/m)	0.005363	Area (m2)		7.14	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1486 Profile: T200 anni - Ante (Continued)

Top Width (m)	33.35	Top Width (m)		33.35	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	1.11	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	63.2	Conv. (m3/s)		63.2	
Length Wtd. (m)	29.60	Wetted Per. (m)		33.85	
Min Ch El (m)	41.03	Shear (N/m2)		11.09	
Alpha	1.00	Stream Power (N/m s)		7.19	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		21.85	
C & E Loss (m)	0.00	Cum SA (1000 m2)		70.82	

Plan: AnPo River 1 Reach 1 RS: 1486 Profile: T500 anni - Ante

E.G. Elev (m)	42.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	42.18	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		8.55	
E.G. Slope (m/m)	0.005225	Area (m2)		8.55	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	34.66	Top Width (m)		34.66	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	1.16	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	83.3	Conv. (m3/s)		83.3	
Length Wtd. (m)	29.60	Wetted Per. (m)		35.16	
Min Ch El (m)	41.03	Shear (N/m2)		12.48	
Alpha	1.00	Stream Power (N/m s)		8.77	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		39.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		80.92	

Plan: AnPo River 1 Reach 1 RS: 1486 Profile: T25 anni - Post

E.G. Elev (m)	42.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.07	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		4.61	
E.G. Slope (m/m)	0.007082	Area (m2)		4.61	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	31.87	Top Width (m)		31.87	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	1.04	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	31.5	Conv. (m3/s)		31.5	
Length Wtd. (m)	29.60	Wetted Per. (m)		32.35	
Min Ch El (m)	41.03	Shear (N/m2)		9.91	
Alpha	1.00	Stream Power (N/m s)		5.69	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		10.54	
C & E Loss (m)	0.00	Cum SA (1000 m2)		52.79	

Plan: AnPo River 1 Reach 1 RS: 1486 Profile: T50 anni - Post

E.G. Elev (m)	42.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.10	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		5.83	
E.G. Slope (m/m)	0.006489	Area (m2)		5.83	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	32.76	Top Width (m)		32.76	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	1.07	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	45.7	Conv. (m3/s)		45.7	
Length Wtd. (m)	29.60	Wetted Per. (m)		33.25	
Min Ch El (m)	41.03	Shear (N/m2)		11.16	

Plan: AnPo River 1 Reach 1 RS: 1488 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)	7.04
Frctn Loss (m)	0.17	Cum Volume (1000 m3)	14.44
C & E Loss (m)	0.00	Cum SA (1000 m2)	59.71

Plan: AnPo River 1 Reach 1 RS: 1488 Profile: T100 anni - Post

E.G. Elev (m)	42.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.15	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		7.31	
E.G. Slope (m/m)	0.005347	Area (m2)		7.31	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	33.43	Top Width (m)		33.43	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	1.12	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	65.6	Conv. (m3/s)		65.6	
Length Wtd. (m)	29.60	Wetted Per. (m)		33.92	
Min Ch El (m)	41.03	Shear (N/m2)		11.29	
Alpha	1.00	Stream Power (N/m s)		7.42	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		24.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		72.82	

Plan: AnPo River 1 Reach 1 RS: 1488 Profile: T200 anni - Post

E.G. Elev (m)	42.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	42.18	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		8.52	
E.G. Slope (m/m)	0.005218	Area (m2)		8.52	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	34.63	Top Width (m)		34.63	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	82.9	Conv. (m3/s)		82.9	
Length Wtd. (m)	29.60	Wetted Per. (m)		35.12	
Min Ch El (m)	41.03	Shear (N/m2)		12.42	
Alpha	1.00	Stream Power (N/m s)		8.73	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		38.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		80.55	

Plan: AnPo River 1 Reach 1 RS: 1488 Profile: T500 anni - Post

E.G. Elev (m)	42.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	42.23	Reach Len. (m)	29.60	29.60	29.60
Crit W.S. (m)		Flow Area (m2)		10.30	
E.G. Slope (m/m)	0.005877	Area (m2)		10.30	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	42.28	Top Width (m)		42.28	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	1.20	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	99.7	Conv. (m3/s)		99.7	
Length Wtd. (m)	29.60	Wetted Per. (m)		42.78	
Min Ch El (m)	41.03	Shear (N/m2)		13.87	
Alpha	1.00	Stream Power (N/m s)		10.29	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		48.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		91.65	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T25 anni - Ante

E.G. Elev (m)	41.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.87	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		4.09	
E.G. Slope (m/m)	0.004230	Area (m2)		4.09	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	26.79	Top Width (m)		26.79	
Vel Total (m/s)	0.46	Avg. Vel. (m/s)		0.46	
Max Chl Dpth (m)	0.90	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	28.9	Conv. (m3/s)		28.9	
Length Wtd. (m)	31.30	Wetted Per. (m)		27.22	
Min Ch El (m)	40.97	Shear (N/m2)		6.23	
Alpha	1.00	Stream Power (N/m s)		2.87	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		8.39	
C & E Loss (m)	0.00	Cum SA (1000 m2)		47.25	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T50 anni - Ante

E.G. Elev (m)	41.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.90	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		5.01	
E.G. Slope (m/m)	0.004733	Area (m2)		5.01	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	27.95	Top Width (m)		27.95	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	39.4	Conv. (m3/s)		39.4	
Length Wtd. (m)	31.30	Wetted Per. (m)		28.39	
Min Ch El (m)	40.97	Shear (N/m2)		8.19	
Alpha	1.00	Stream Power (N/m s)		4.43	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		10.59	
C & E Loss (m)	0.00	Cum SA (1000 m2)		52.39	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T100 anni - Ante

E.G. Elev (m)	41.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.93	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		5.82	
E.G. Slope (m/m)	0.005373	Area (m2)		5.82	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	28.93	Top Width (m)		28.93	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	49.5	Conv. (m3/s)		49.5	
Length Wtd. (m)	31.30	Wetted Per. (m)		29.36	
Min Ch El (m)	40.97	Shear (N/m2)		10.45	
Alpha	1.00	Stream Power (N/m s)		6.51	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		14.00	
C & E Loss (m)	0.00	Cum SA (1000 m2)		56.46	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T200 anni - Ante

E.G. Elev (m)	41.99	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.97	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		7.33	
E.G. Slope (m/m)	0.005334	Area (m2)		7.33	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T200 anni - Ante (Continued)

Top Width (m)	40.51	Top Width (m)		40.51	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	1.00	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	58.2	Conv. (m3/s)		58.2	
Length Wtd. (m)	31.30	Wetted Per. (m)		40.95	
Min Ch El (m)	40.97	Shear (N/m2)		11.12	
Alpha	1.00	Stream Power (N/m s)		7.02	
Frctn Loss (m)	0.28	Cum Volume (1000 m3)		21.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		69.72	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T500 anni - Ante

E.G. Elev (m)	42.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.01	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		8.76	
E.G. Slope (m/m)	0.007192	Area (m2)		8.76	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	47.07	Top Width (m)		47.07	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.04	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	71.0	Conv. (m3/s)		71.0	
Length Wtd. (m)	31.30	Wetted Per. (m)		47.51	
Min Ch El (m)	40.97	Shear (N/m2)		13.01	
Alpha	1.00	Stream Power (N/m s)		8.94	
Frctn Loss (m)	0.29	Cum Volume (1000 m3)		38.83	
C & E Loss (m)	0.00	Cum SA (1000 m2)		79.71	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T25 anni - Post

E.G. Elev (m)	41.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.90	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		4.94	
E.G. Slope (m/m)	0.004713	Area (m2)		4.94	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	27.87	Top Width (m)		27.87	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	38.6	Conv. (m3/s)		38.6	
Length Wtd. (m)	31.30	Wetted Per. (m)		28.30	
Min Ch El (m)	40.97	Shear (N/m2)		8.07	
Alpha	1.00	Stream Power (N/m s)		4.33	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		10.40	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.90	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T50 anni - Post

E.G. Elev (m)	41.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.93	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		5.87	
E.G. Slope (m/m)	0.005405	Area (m2)		5.87	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	29.02	Top Width (m)		29.02	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	50.1	Conv. (m3/s)		50.1	
Length Wtd. (m)	31.30	Wetted Per. (m)		29.45	
Min Ch El (m)	40.97	Shear (N/m2)		10.56	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)	6.62
Frctn Loss (m)	0.28	Cum Volume (1000 m3)	14.27
C & E Loss (m)	0.00	Cum SA (1000 m2)	58.80

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T100 anni - Post

E.G. Elev (m)	42.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.98	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		7.47	
E.G. Slope (m/m)	0.006488	Area (m2)		7.47	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	40.93	Top Width (m)		40.93	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	1.01	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	58.7	Conv. (m3/s)		59.7	
Length Wtd. (m)	31.30	Wetted Per. (m)		41.37	
Min Ch El (m)	40.97	Shear (N/m2)		11.46	
Alpha	1.00	Stream Power (N/m s)		7.36	
Frctn Loss (m)	0.28	Cum Volume (1000 m3)		23.97	
C & E Loss (m)	0.00	Cum SA (1000 m2)		71.72	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T200 anni - Post

E.G. Elev (m)	42.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	42.01	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		8.74	
E.G. Slope (m/m)	0.007182	Area (m2)		8.74	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	47.04	Top Width (m)		47.04	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.04	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	70.7	Conv. (m3/s)		70.7	
Length Wtd. (m)	31.30	Wetted Per. (m)		47.48	
Min Ch El (m)	40.97	Shear (N/m2)		12.96	
Alpha	1.00	Stream Power (N/m s)		8.89	
Frctn Loss (m)	0.29	Cum Volume (1000 m3)		38.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		79.34	

Plan: AnPo River 1 Reach 1 RS: 1436 Profile: T500 anni - Post

E.G. Elev (m)	42.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	42.04	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)		Flow Area (m2)		10.22	
E.G. Slope (m/m)	0.007359	Area (m2)		10.22	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	49.21	Top Width (m)		49.21	
Vel Total (m/s)	0.75	Avg. Vel. (m/s)		0.75	
Max Chl Dpth (m)	1.07	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	89.1	Conv. (m3/s)		89.1	
Length Wtd. (m)	31.30	Wetted Per. (m)		49.66	
Min Ch El (m)	40.97	Shear (N/m2)		14.85	
Alpha	1.00	Stream Power (N/m s)		11.10	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		47.79	
C & E Loss (m)	0.00	Cum SA (1000 m2)		90.30	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T25 anni - Ante

E.G. Elev (m)	41.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.59	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.57	Flow Area (m2)		2.58	
E.G. Slope (m/m)	0.022778	Area (m2)		2.58	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	30.11	Top Width (m)		30.11	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	12.5	Conv. (m3/s)		12.5	
Length Wtd. (m)	29.00	Wetted Per. (m)		30.39	
Min Ch El (m)	40.86	Shear (N/m2)		18.96	
Alpha	1.00	Stream Power (N/m s)		13.82	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		8.29	
C & E Loss (m)	0.01	Cum SA (1000 m2)		46.36	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T50 anni - Ante

E.G. Elev (m)	41.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.63	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.60	Flow Area (m2)		3.91	
E.G. Slope (m/m)	0.017311	Area (m2)		3.91	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	40.23	Top Width (m)		40.23	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	20.6	Conv. (m3/s)		20.6	
Length Wtd. (m)	29.00	Wetted Per. (m)		40.53	
Min Ch El (m)	40.86	Shear (N/m2)		16.39	
Alpha	1.00	Stream Power (N/m s)		11.35	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		10.45	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.33	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T100 anni - Ante

E.G. Elev (m)	41.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.66	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.62	Flow Area (m2)		5.41	
E.G. Slope (m/m)	0.015037	Area (m2)		5.41	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	52.58	Top Width (m)		52.58	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.80	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	29.6	Conv. (m3/s)		29.6	
Length Wtd. (m)	29.00	Wetted Per. (m)		52.89	
Min Ch El (m)	40.86	Shear (N/m2)		15.09	
Alpha	1.00	Stream Power (N/m s)		10.12	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		13.82	
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.21	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T200 anni - Ante

E.G. Elev (m)	41.71	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.69	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.64	Flow Area (m2)		6.84	
E.G. Slope (m/m)	0.013446	Area (m2)		6.84	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T200 anni - Ante (Continued)

Top Width (m)	60.42	Top Width (m)		60.42	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	39.9	Conv. (m3/s)		39.9	
Length Wtd. (m)	29.00	Wetted Per. (m)		60.73	
Min Ch El (m)	40.86	Shear (N/m2)		14.86	
Alpha	1.00	Stream Power (N/m s)		10.05	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		21.42	
C & E Loss (m)	0.00	Cum SA (1000 m2)		68.14	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T500 anni - Ante

E.G. Elev (m)	41.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.71	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.67	Flow Area (m2)		8.24	
E.G. Slope (m/m)	0.012631	Area (m2)		8.24	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	61.82	Top Width (m)		61.82	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	53.6	Conv. (m3/s)		53.6	
Length Wtd. (m)	29.00	Wetted Per. (m)		62.14	
Min Ch El (m)	40.86	Shear (N/m2)		16.43	
Alpha	1.00	Stream Power (N/m s)		12.00	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		38.57	
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.00	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T25 anni - Post

E.G. Elev (m)	41.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.63	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.60	Flow Area (m2)		3.79	
E.G. Slope (m/m)	0.017692	Area (m2)		3.79	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	38.89	Top Width (m)		38.89	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	19.9	Conv. (m3/s)		19.9	
Length Wtd. (m)	29.00	Wetted Per. (m)		39.20	
Min Ch El (m)	40.86	Shear (N/m2)		16.76	
Alpha	1.00	Stream Power (N/m s)		11.73	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		10.26	
C & E Loss (m)	0.00	Cum SA (1000 m2)		50.86	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T50 anni - Post

E.G. Elev (m)	41.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.68	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.62	Flow Area (m2)		5.48	
E.G. Slope (m/m)	0.014985	Area (m2)		5.48	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	52.93	Top Width (m)		52.93	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.80	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	30.1	Conv. (m3/s)		30.1	
Length Wtd. (m)	29.00	Wetted Per. (m)		53.24	
Min Ch El (m)	40.86	Shear (N/m2)		15.12	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		10.16	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		14.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.51	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T100 anni - Post

E.G. Elev (m)	41.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.69	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.65	Flow Area (m2)		7.10	
E.G. Slope (m/m)	0.012936	Area (m2)		7.10	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	60.91	Top Width (m)		60.91	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	42.2	Conv. (m3/s)		42.2	
Length Wtd. (m)	29.00	Wetted Per. (m)		61.22	
Min Ch El (m)	40.86	Shear (N/m2)		14.71	
Alpha	1.00	Stream Power (N/m s)		9.95	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		23.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		70.13	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T200 anni - Post

E.G. Elev (m)	41.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.71	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	41.67	Flow Area (m2)		8.21	
E.G. Slope (m/m)	0.012950	Area (m2)		8.21	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	61.81	Top Width (m)		61.81	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	53.3	Conv. (m3/s)		53.3	
Length Wtd. (m)	29.00	Wetted Per. (m)		62.12	
Min Ch El (m)	40.86	Shear (N/m2)		16.40	
Alpha	1.00	Stream Power (N/m s)		11.96	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		36.01	
C & E Loss (m)	0.00	Cum SA (1000 m2)		77.63	

Plan: AnPo River 1 Reach 1 RS: 1405 Profile: T500 anni - Post

E.G. Elev (m)	41.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.73	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)		Flow Area (m2)		9.51	
E.G. Slope (m/m)	0.012790	Area (m2)		9.51	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	62.48	Top Width (m)		62.48	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.87	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	67.6	Conv. (m3/s)		67.6	
Length Wtd. (m)	29.00	Wetted Per. (m)		62.79	
Min Ch El (m)	40.86	Shear (N/m2)		18.00	
Alpha	1.00	Stream Power (N/m s)		15.26	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		47.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		88.55	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T25 anni - Ante

E.G. Elev (m)	41.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.38	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		5.23	
E.G. Slope (m/m)	0.003835	Area (m2)		5.23	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	46.33	Top Width (m)		46.33	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.80	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	30.4	Conv. (m3/s)		30.4	
Length Wtd. (m)	30.20	Wetted Per. (m)		46.65	
Min Ch El (m)	40.58	Shear (N/m2)		4.21	
Alpha	1.00	Stream Power (N/m s)		1.52	
Frctn Loss (m)	0.27	Cum Volume (1000 m3)		8.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		45.25	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T50 anni - Ante

E.G. Elev (m)	41.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.41	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		6.39	
E.G. Slope (m/m)	0.004638	Area (m2)		6.39	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	51.06	Top Width (m)		51.06	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	39.8	Conv. (m3/s)		39.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		51.38	
Min Ch El (m)	40.58	Shear (N/m2)		5.66	
Alpha	1.00	Stream Power (N/m s)		2.40	
Frctn Loss (m)	0.35	Cum Volume (1000 m3)		10.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		50.00	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T100 anni - Ante

E.G. Elev (m)	41.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.42	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		7.26	
E.G. Slope (m/m)	0.005534	Area (m2)		7.26	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	51.77	Top Width (m)		51.77	
Vel Total (m/s)	0.50	Avg. Vel. (m/s)		0.50	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	46.8	Conv. (m3/s)		46.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		52.09	
Min Ch El (m)	40.58	Shear (N/m2)		7.56	
Alpha	1.00	Stream Power (N/m s)		3.78	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		13.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		55.69	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T200 anni - Ante

E.G. Elev (m)	41.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.44	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		8.24	
E.G. Slope (m/m)	0.005037	Area (m2)		8.24	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T200 anni - Ante (Continued)

Top Width (m)	52.59	Top Width (m)		52.59	
Vel Total (m/s)	0.56	Avg. Vel. (m/s)		0.56	
Max Chl Dpth (m)	0.86	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	59.6	Conv. (m3/s)		59.6	
Length Wtd. (m)	30.20	Wetted Per. (m)		52.91	
Min Ch El (m)	40.58	Shear (N/m2)		9.22	
Alpha	1.00	Stream Power (N/m s)		5.18	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		21.20	
C & E Loss (m)	0.00	Cum SA (1000 m2)		66.51	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T500 anni - Ante

E.G. Elev (m)	41.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.47	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		9.69	
E.G. Slope (m/m)	0.006182	Area (m2)		9.69	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	54.18	Top Width (m)		54.18	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	76.6	Conv. (m3/s)		76.6	
Length Wtd. (m)	30.20	Wetted Per. (m)		54.50	
Min Ch El (m)	40.58	Shear (N/m2)		10.78	
Alpha	1.00	Stream Power (N/m s)		6.70	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		38.31	
C & E Loss (m)	0.00	Cum SA (1000 m2)		76.32	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T25 anni - Post

E.G. Elev (m)	41.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.40	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		6.33	
E.G. Slope (m/m)	0.004584	Area (m2)		6.33	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	51.01	Top Width (m)		51.01	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.82	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	39.2	Conv. (m3/s)		39.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		51.33	
Min Ch El (m)	40.58	Shear (N/m2)		5.52	
Alpha	1.00	Stream Power (N/m s)		2.31	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		10.12	
C & E Loss (m)	0.00	Cum SA (1000 m2)		49.55	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T50 anni - Post

E.G. Elev (m)	41.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	41.42	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		7.28	
E.G. Slope (m/m)	0.005629	Area (m2)		7.28	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	51.79	Top Width (m)		51.79	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	49.0	Conv. (m3/s)		49.0	
Length Wtd. (m)	30.20	Wetted Per. (m)		52.11	
Min Ch El (m)	40.58	Shear (N/m2)		7.72	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		3.90	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		13.91	
C & E Loss (m)	0.00	Cum SA (1000 m2)		56.00	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T100 anni - Post

E.G. Elev (m)	41.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.44	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		8.38	
E.G. Slope (m/m)	0.006169	Area (m2)		8.38	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	52.90	Top Width (m)		52.90	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.86	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	61.1	Conv. (m3/s)		61.1	
Length Wtd. (m)	30.20	Wetted Per. (m)		53.22	
Min Ch El (m)	40.58	Shear (N/m2)		9.53	
Alpha	1.00	Stream Power (N/m s)		5.48	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		23.51	
C & E Loss (m)	0.00	Cum SA (1000 m2)		68.48	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T200 anni - Post

E.G. Elev (m)	41.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.47	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		9.68	
E.G. Slope (m/m)	0.006174	Area (m2)		9.68	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	54.18	Top Width (m)		54.18	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	76.2	Conv. (m3/s)		76.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		54.48	
Min Ch El (m)	40.58	Shear (N/m2)		10.74	
Alpha	1.00	Stream Power (N/m s)		6.66	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		37.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		75.95	

Plan: AnPo River 1 Reach 1 RS: 1376 Profile: T500 anni - Post

E.G. Elev (m)	41.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.50	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		11.70	
E.G. Slope (m/m)	0.005617	Area (m2)		11.70	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	56.54	Top Width (m)		56.54	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	101.9	Conv. (m3/s)		101.9	
Length Wtd. (m)	30.20	Wetted Per. (m)		56.86	
Min Ch El (m)	40.58	Shear (N/m2)		11.33	
Alpha	1.00	Stream Power (N/m s)		7.40	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		47.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		88.82	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T25 anni - Ante

E.G. Elev (m)	41.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	41.06	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.06	Flow Area (m2)		1.84	
E.G. Slope (m/m)	0.037300	Area (m2)		1.84	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	18.49	Top Width (m)		18.49	
Vel Total (m/s)	1.02	Avg. Vel. (m/s)		1.02	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	9.7	Conv. (m3/s)		9.7	
Length Wtd. (m)	30.10	Wetted Per. (m)		18.78	
Min Ch El (m)	40.38	Shear (N/m2)		35.75	
Alpha	1.00	Stream Power (N/m s)		36.62	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		8.07	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.27	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T50 anni - Ante

E.G. Elev (m)	41.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.13	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.09	Flow Area (m2)		3.39	
E.G. Slope (m/m)	0.018040	Area (m2)		3.39	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	28.89	Top Width (m)		28.89	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	20.2	Conv. (m3/s)		20.2	
Length Wtd. (m)	30.10	Wetted Per. (m)		29.19	
Min Ch El (m)	40.38	Shear (N/m2)		20.55	
Alpha	1.00	Stream Power (N/m s)		16.42	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		10.15	
C & E Loss (m)	0.01	Cum SA (1000 m2)		48.80	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T100 anni - Ante

E.G. Elev (m)	41.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.20	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.13	Flow Area (m2)		5.76	
E.G. Slope (m/m)	0.009679	Area (m2)		5.76	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	44.16	Top Width (m)		44.16	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.82	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	36.9	Conv. (m3/s)		36.9	
Length Wtd. (m)	30.10	Wetted Per. (m)		44.47	
Min Ch El (m)	40.38	Shear (N/m2)		12.30	
Alpha	1.00	Stream Power (N/m s)		7.75	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		13.44	
C & E Loss (m)	0.01	Cum SA (1000 m2)		54.24	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T200 anni - Ante

E.G. Elev (m)	41.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.23	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.16	Flow Area (m2)		7.16	
E.G. Slope (m/m)	0.007886	Area (m2)		7.16	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T200 anni - Ante (Continued)

Top Width (m)	45.22	Top Width (m)		45.22	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	52.1	Conv. (m3/s)		52.1	
Length Wtd. (m)	30.10	Wetted Per. (m)		45.54	
Min Ch El (m)	40.38	Shear (N/m2)		12.17	
Alpha	1.00	Stream Power (N/m s)		7.87	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		20.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		65.03	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T500 anni - Ante

E.G. Elev (m)	41.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.26	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.19	Flow Area (m2)		8.58	
E.G. Slope (m/m)	0.007603	Area (m2)		8.58	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	46.70	Top Width (m)		46.70	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.88	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	69.0	Conv. (m3/s)		69.0	
Length Wtd. (m)	30.10	Wetted Per. (m)		47.02	
Min Ch El (m)	40.38	Shear (N/m2)		13.61	
Alpha	1.00	Stream Power (N/m s)		9.55	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		38.03	
C & E Loss (m)	0.01	Cum SA (1000 m2)		74.60	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T25 anni - Post

E.G. Elev (m)	41.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.13	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.09	Flow Area (m2)		3.27	
E.G. Slope (m/m)	0.019078	Area (m2)		3.27	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	28.37	Top Width (m)		28.37	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	19.2	Conv. (m3/s)		19.2	
Length Wtd. (m)	30.10	Wetted Per. (m)		28.68	
Min Ch El (m)	40.38	Shear (N/m2)		21.31	
Alpha	1.00	Stream Power (N/m s)		17.29	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		9.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		49.35	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T50 anni - Post

E.G. Elev (m)	41.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.20	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.13	Flow Area (m2)		5.89	
E.G. Slope (m/m)	0.009312	Area (m2)		5.89	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	44.44	Top Width (m)		44.44	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.82	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	38.1	Conv. (m3/s)		38.1	
Length Wtd. (m)	30.10	Wetted Per. (m)		44.78	
Min Ch El (m)	40.38	Shear (N/m2)		12.02	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		7.51	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		13.71	
C & E Loss (m)	0.01	Cum SA (1000 m2)		54.54	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T100 anni - Post

E.G. Elev (m)	41.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.39	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.16	Flow Area (m2)		7.44	
E.G. Slope (m/m)	0.007515	Area (m2)		7.44	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	45.48	Top Width (m)		45.48	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	55.4	Conv. (m3/s)		55.4	
Length Wtd. (m)	30.10	Wetted Per. (m)		45.80	
Min Ch El (m)	40.38	Shear (N/m2)		11.97	
Alpha	1.00	Stream Power (N/m s)		7.72	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		23.27	
C & E Loss (m)	0.01	Cum SA (1000 m2)		66.99	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T200 anni - Post

E.G. Elev (m)	41.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	41.26	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.19	Flow Area (m2)		8.57	
E.G. Slope (m/m)	0.007555	Area (m2)		8.57	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	46.69	Top Width (m)		46.69	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.88	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	68.9	Conv. (m3/s)		68.9	
Length Wtd. (m)	30.10	Wetted Per. (m)		47.01	
Min Ch El (m)	40.38	Shear (N/m2)		13.51	
Alpha	1.00	Stream Power (N/m s)		9.44	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		37.47	
C & E Loss (m)	0.01	Cum SA (1000 m2)		74.43	

Plan: AnPo River 1 Reach 1 RS: 1346 Profile: T500 anni - Post

E.G. Elev (m)	41.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	41.28	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	41.20	Flow Area (m2)		9.40	
E.G. Slope (m/m)	0.009291	Area (m2)		9.40	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	47.64	Top Width (m)		47.64	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.90	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	79.3	Conv. (m3/s)		79.3	
Length Wtd. (m)	30.10	Wetted Per. (m)		47.96	
Min Ch El (m)	40.38	Shear (N/m2)		17.85	
Alpha	1.00	Stream Power (N/m s)		14.51	
Frctn Loss (m)	0.39	Cum Volume (1000 m3)		46.88	
C & E Loss (m)	0.00	Cum SA (1000 m2)		85.25	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T25 anni - Ante

E.G. Elev (m)	40.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	40.60	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.46	Flow Area (m2)		1.89	
E.G. Slope (m/m)	0.006928	Area (m2)		1.89	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	5.59	Top Width (m)		5.59	
Vel Total (m/s)	0.99	Avg. Vel. (m/s)		0.99	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	22.6	Conv. (m3/s)		22.6	
Length Wtd. (m)	47.00	Wetted Per. (m)		5.75	
Min Ch El (m)	40.02	Shear (N/m2)		22.37	
Alpha	1.00	Stream Power (N/m s)		22.20	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.01	
C & E Loss (m)	0.01	Cum SA (1000 m2)		43.91	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T50 anni - Ante

E.G. Elev (m)	40.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)		Flow Area (m2)		2.02	
E.G. Slope (m/m)	0.012075	Area (m2)		2.02	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	5.76	Top Width (m)		5.76	
Vel Total (m/s)	1.34	Avg. Vel. (m/s)		1.34	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	24.7	Conv. (m3/s)		24.7	
Length Wtd. (m)	47.00	Wetted Per. (m)		5.93	
Min Ch El (m)	40.02	Shear (N/m2)		40.36	
Alpha	1.00	Stream Power (N/m s)		54.09	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		10.07	
C & E Loss (m)	0.03	Cum SA (1000 m2)		48.27	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T100 anni - Ante

E.G. Elev (m)	40.79	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.62	Flow Area (m2)		2.06	
E.G. Slope (m/m)	0.020830	Area (m2)		2.06	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	5.80	Top Width (m)		5.80	
Vel Total (m/s)	1.77	Avg. Vel. (m/s)		1.77	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	25.2	Conv. (m3/s)		25.2	
Length Wtd. (m)	47.00	Wetted Per. (m)		5.97	
Min Ch El (m)	40.02	Shear (N/m2)		70.13	
Alpha	1.00	Stream Power (N/m s)		124.07	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		13.32	
C & E Loss (m)	0.05	Cum SA (1000 m2)		53.49	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T200 anni - Ante

E.G. Elev (m)	40.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	40.75	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.75	Flow Area (m2)		3.75	
E.G. Slope (m/m)	0.029986	Area (m2)		3.75	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T200 anni - Ante (Continued)

Top Width (m)	24.46	Top Width (m)		24.46	
Vel Total (m/s)	1.23	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	26.7	Conv. (m3/s)		26.7	
Length Wtd. (m)	47.00	Wetted Per. (m)		24.67	
Min Ch El (m)	40.02	Shear (N/m2)		44.73	
Alpha	1.00	Stream Power (N/m s)		55.18	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		20.80	
C & E Loss (m)	0.02	Cum SA (1000 m2)		63.96	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T500 anni - Ante

E.G. Elev (m)	40.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.79	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.76	Flow Area (m2)		4.64	
E.G. Slope (m/m)	0.030032	Area (m2)		4.64	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	28.12	Top Width (m)		28.12	
Vel Total (m/s)	1.30	Avg. Vel. (m/s)		1.30	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	34.7	Conv. (m3/s)		34.7	
Length Wtd. (m)	47.00	Wetted Per. (m)		28.35	
Min Ch El (m)	40.02	Shear (N/m2)		48.23	
Alpha	1.00	Stream Power (N/m s)		62.54	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		37.83	
C & E Loss (m)	0.03	Cum SA (1000 m2)		73.67	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T25 anni - Post

E.G. Elev (m)	40.71	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)		Flow Area (m2)		2.02	
E.G. Slope (m/m)	0.011609	Area (m2)		2.02	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	5.75	Top Width (m)		5.75	
Vel Total (m/s)	1.31	Avg. Vel. (m/s)		1.31	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	24.6	Conv. (m3/s)		24.6	
Length Wtd. (m)	47.00	Wetted Per. (m)		5.93	
Min Ch El (m)	40.02	Shear (N/m2)		38.76	
Alpha	1.00	Stream Power (N/m s)		50.91	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		9.69	
C & E Loss (m)	0.03	Cum SA (1000 m2)		47.84	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T50 anni - Post

E.G. Elev (m)	40.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.62	Flow Area (m2)		2.06	
E.G. Slope (m/m)	0.021535	Area (m2)		2.06	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	5.79	Top Width (m)		5.79	
Vel Total (m/s)	1.80	Avg. Vel. (m/s)		1.80	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	25.1	Conv. (m3/s)		25.1	
Length Wtd. (m)	47.00	Wetted Per. (m)		5.97	
Min Ch El (m)	40.02	Shear (N/m2)		72.45	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		130.25	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		13.59	
C & E Loss (m)	0.05	Cum SA (1000 m2)		53.79	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T100 anni - Post

E.G. Elev (m)	40.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.75	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.75	Flow Area (m2)		3.72	
E.G. Slope (m/m)	0.033025	Area (m2)		3.72	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	24.29	Top Width (m)		24.29	
Vel Total (m/s)	1.29	Avg. Vel. (m/s)		1.29	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	26.4	Conv. (m3/s)		26.4	
Length Wtd. (m)	47.00	Wetted Per. (m)		24.51	
Min Ch El (m)	40.02	Shear (N/m2)		49.10	
Alpha	1.00	Stream Power (N/m s)		63.43	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		23.11	
C & E Loss (m)	0.03	Cum SA (1000 m2)		65.94	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T200 anni - Post

E.G. Elev (m)	40.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.78	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	40.78	Flow Area (m2)		4.60	
E.G. Slope (m/m)	0.030351	Area (m2)		4.60	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	27.98	Top Width (m)		27.98	
Vel Total (m/s)	1.30	Avg. Vel. (m/s)		1.30	
Max Chl Dpth (m)	0.76	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	34.4	Conv. (m3/s)		34.4	
Length Wtd. (m)	47.00	Wetted Per. (m)		28.20	
Min Ch El (m)	40.02	Shear (N/m2)		48.59	
Alpha	1.00	Stream Power (N/m s)		63.22	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		37.27	
C & E Loss (m)	0.03	Cum SA (1000 m2)		73.30	

Plan: AnPo River 1 Reach 1 RS: 1316 Profile: T500 anni - Post

E.G. Elev (m)	40.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.85	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)		Flow Area (m2)		6.76	
E.G. Slope (m/m)	0.019369	Area (m2)		6.76	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	36.24	Top Width (m)		36.24	
Vel Total (m/s)	1.13	Avg. Vel. (m/s)		1.13	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	54.9	Conv. (m3/s)		54.9	
Length Wtd. (m)	47.00	Wetted Per. (m)		36.49	
Min Ch El (m)	40.02	Shear (N/m2)		35.18	
Alpha	1.00	Stream Power (N/m s)		39.77	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		48.62	
C & E Loss (m)	0.02	Cum SA (1000 m2)		83.96	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T25 anni - Ante

E.G. Elev (m)	40.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		17.47	
E.G. Slope (m/m)	0.000081	Area (m2)		17.47	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	52.71	Top Width (m)		52.71	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.63	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	206.8	Conv. (m3/s)		206.8	
Length Wtd. (m)	38.90	Wetted Per. (m)		52.84	
Min Ch El (m)	40.00	Shear (N/m2)		0.26	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		7.55	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.54	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T50 anni - Ante

E.G. Elev (m)	40.67	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.67	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		19.08	
E.G. Slope (m/m)	0.000130	Area (m2)		19.98	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	57.27	Top Width (m)		57.27	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.67	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	247.1	Conv. (m3/s)		247.1	
Length Wtd. (m)	38.90	Wetted Per. (m)		57.41	
Min Ch El (m)	40.00	Shear (N/m2)		0.41	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		9.55	
C & E Loss (m)	0.01	Cum SA (1000 m2)		46.79	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T100 anni - Ante

E.G. Elev (m)	40.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.72	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		22.65	
E.G. Slope (m/m)	0.000168	Area (m2)		22.65	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	64.37	Top Width (m)		64.37	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.72	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	281.9	Conv. (m3/s)		281.9	
Length Wtd. (m)	38.90	Wetted Per. (m)		64.52	
Min Ch El (m)	40.00	Shear (N/m2)		0.57	
Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		12.74	
C & E Loss (m)	0.01	Cum SA (1000 m2)		51.84	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T200 anni - Ante

E.G. Elev (m)	40.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.76	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)	40.29	Flow Area (m2)		25.58	
E.G. Slope (m/m)	0.000207	Area (m2)		25.58	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T200 anni - Ante (Continued)

Top Width (m)	71.53	Top Width (m)		71.53	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.76	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	321.6	Conv. (m3/s)		321.6	
Length Wtd. (m)	38.90	Wetted Per. (m)		71.69	
Min Ch El (m)	40.00	Shear (N/m2)		0.73	
Alpha	1.00	Stream Power (N/m s)		0.13	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		20.11	
C & E Loss (m)	0.01	Cum SA (1000 m2)		61.72	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T500 anni - Ante

E.G. Elev (m)	40.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.81	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		28.94	
E.G. Slope (m/m)	0.000238	Area (m2)		28.94	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	72.88	Top Width (m)		72.88	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.81	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	390.4	Conv. (m3/s)		390.4	
Length Wtd. (m)	38.90	Wetted Per. (m)		73.04	
Min Ch El (m)	40.00	Shear (N/m2)		0.92	
Alpha	1.00	Stream Power (N/m s)		0.19	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		37.04	
C & E Loss (m)	0.01	Cum SA (1000 m2)		71.30	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T25 anni - Post

E.G. Elev (m)	40.67	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.67	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		19.80	
E.G. Slope (m/m)	0.000117	Area (m2)		19.80	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	56.82	Top Width (m)		56.82	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	0.67	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	244.6	Conv. (m3/s)		244.6	
Length Wtd. (m)	38.90	Wetted Per. (m)		56.96	
Min Ch El (m)	40.00	Shear (N/m2)		0.40	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		9.38	
C & E Loss (m)	0.01	Cum SA (1000 m2)		46.37	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T50 anni - Post

E.G. Elev (m)	40.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.72	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		22.80	
E.G. Slope (m/m)	0.000168	Area (m2)		22.80	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	64.86	Top Width (m)		64.86	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.72	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	283.5	Conv. (m3/s)		283.5	
Length Wtd. (m)	38.90	Wetted Per. (m)		65.01	
Min Ch El (m)	40.00	Shear (N/m2)		0.58	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		13.01	
C & E Loss (m)	0.01	Cum SA (1000 m2)		52.13	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T100 anni - Post

E.G. Elev (m)	40.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.77	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)	40.39	Flow Area (m2)		26.01	
E.G. Slope (m/m)	0.000211	Area (m2)		26.01	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	71.71	Top Width (m)		71.71	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	330.2	Conv. (m3/s)		330.2	
Length Wtd. (m)	38.90	Wetted Per. (m)		71.86	
Min Ch El (m)	40.00	Shear (N/m2)		0.75	
Alpha	1.00	Stream Power (N/m s)		0.14	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		22.41	
C & E Loss (m)	0.01	Cum SA (1000 m2)		63.69	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T200 anni - Post

E.G. Elev (m)	40.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.81	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		28.87	
E.G. Slope (m/m)	0.000237	Area (m2)		28.87	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	72.86	Top Width (m)		72.86	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.80	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	388.9	Conv. (m3/s)		388.9	
Length Wtd. (m)	38.90	Wetted Per. (m)		73.01	
Min Ch El (m)	40.00	Shear (N/m2)		0.92	
Alpha	1.00	Stream Power (N/m s)		0.19	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		36.49	
C & E Loss (m)	0.01	Cum SA (1000 m2)		70.94	

Plan: AnPo River 1 Reach 1 RS: 1268 Profile: T500 anni - Post

E.G. Elev (m)	40.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.85	Reach Len. (m)	38.90	38.90	38.90
Crit W.S. (m)		Flow Area (m2)		32.54	
E.G. Slope (m/m)	0.000259	Area (m2)		32.54	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	74.85	Top Width (m)		74.85	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.43	
Conv. Total (m3/s)	466.1	Conv. (m3/s)		466.1	
Length Wtd. (m)	38.90	Wetted Per. (m)		75.02	
Min Ch El (m)	40.00	Shear (N/m2)		1.14	
Alpha	1.00	Stream Power (N/m s)		0.27	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		45.69	
C & E Loss (m)	0.01	Cum SA (1000 m2)		81.38	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T25 anni - Ante

E.G. Elev (m)	40.61	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	40.56	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.56	Flow Area (m2)		1.90	
E.G. Slope (m/m)	0.035644	Area (m2)		1.90	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	19.63	Top Width (m)		19.63	
Vel Total (m/s)	0.99	Avg. Vel. (m/s)		0.99	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	10.0	Conv. (m3/s)		10.0	
Length Wtd. (m)	33.10	Wetted Per. (m)		19.70	
Min Ch El (m)	40.22	Shear (N/m2)		33.56	
Alpha	1.00	Stream Power (N/m s)		33.26	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		7.18	
C & E Loss (m)	0.01	Cum SA (1000 m2)		41.13	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T50 anni - Ante

E.G. Elev (m)	40.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	40.59	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.59	Flow Area (m2)		2.48	
E.G. Slope (m/m)	0.031919	Area (m2)		2.48	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	20.35	Top Width (m)		20.35	
Vel Total (m/s)	1.09	Avg. Vel. (m/s)		1.09	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	15.2	Conv. (m3/s)		15.2	
Length Wtd. (m)	33.10	Wetted Per. (m)		20.42	
Min Ch El (m)	40.22	Shear (N/m2)		37.96	
Alpha	1.00	Stream Power (N/m s)		41.53	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		9.12	
C & E Loss (m)	0.02	Cum SA (1000 m2)		45.28	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T100 anni - Ante

E.G. Elev (m)	40.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.62	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.62	Flow Area (m2)		3.12	
E.G. Slope (m/m)	0.029952	Area (m2)		3.12	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	22.35	Top Width (m)		22.35	
Vel Total (m/s)	1.16	Avg. Vel. (m/s)		1.16	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	21.0	Conv. (m3/s)		21.0	
Length Wtd. (m)	33.10	Wetted Per. (m)		22.43	
Min Ch El (m)	40.22	Shear (N/m2)		40.90	
Alpha	1.00	Stream Power (N/m s)		47.54	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		12.24	
C & E Loss (m)	0.02	Cum SA (1000 m2)		50.16	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T200 anni - Ante

E.G. Elev (m)	40.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	40.65	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.65	Flow Area (m2)		3.70	
E.G. Slope (m/m)	0.028849	Area (m2)		3.70	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T200 anni - Ante (Continued)

Top Width (m)	22.99	Top Width (m)		22.99	
Vel Total (m/s)	1.25	Avg. Vel. (m/s)		1.25	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	27.3	Conv. (m3/s)		27.3	
Length Wtd. (m)	33.10	Wetted Per. (m)		23.07	
Min Ch El (m)	40.22	Shear (N/m2)		45.33	
Alpha	1.00	Stream Power (N/m s)		56.78	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		18.54	
C & E Loss (m)	0.02	Cum SA (1000 m2)		59.89	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T500 anni - Ante

E.G. Elev (m)	40.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	40.69	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.66	Flow Area (m2)		4.69	
E.G. Slope (m/m)	0.026277	Area (m2)		4.69	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	26.24	Top Width (m)		26.24	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.47	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	37.1	Conv. (m3/s)		37.1	
Length Wtd. (m)	33.10	Wetted Per. (m)		26.33	
Min Ch El (m)	40.22	Shear (N/m2)		46.91	
Alpha	1.00	Stream Power (N/m s)		58.91	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		36.39	
C & E Loss (m)	0.02	Cum SA (1000 m2)		69.37	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T25 anni - Post

E.G. Elev (m)	40.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	40.59	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.59	Flow Area (m2)		2.44	
E.G. Slope (m/m)	0.031813	Area (m2)		2.44	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	20.31	Top Width (m)		20.31	
Vel Total (m/s)	1.08	Avg. Vel. (m/s)		1.08	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	14.9	Conv. (m3/s)		14.9	
Length Wtd. (m)	33.10	Wetted Per. (m)		20.38	
Min Ch El (m)	40.22	Shear (N/m2)		37.41	
Alpha	1.00	Stream Power (N/m s)		40.56	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		8.95	
C & E Loss (m)	0.02	Cum SA (1000 m2)		44.87	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T50 anni - Post

E.G. Elev (m)	40.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.62	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.62	Flow Area (m2)		3.12	
E.G. Slope (m/m)	0.030782	Area (m2)		3.12	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	22.35	Top Width (m)		22.35	
Vel Total (m/s)	1.18	Avg. Vel. (m/s)		1.18	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	21.0	Conv. (m3/s)		21.0	
Length Wtd. (m)	33.10	Wetted Per. (m)		22.43	
Min Ch El (m)	40.22	Shear (N/m2)		42.03	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		49.53	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		12.50	
C & E Loss (m)	0.02	Cum SA (1000 m2)		50.43	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T100 anni - Post

E.G. Elev (m)	40.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	40.65	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.65	Flow Area (m2)		3.86	
E.G. Slope (m/m)	0.027858	Area (m2)		3.86	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	23.95	Top Width (m)		23.95	
Vel Total (m/s)	1.24	Avg. Vel. (m/s)		1.24	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	28.8	Conv. (m3/s)		28.8	
Length Wtd. (m)	33.10	Wetted Per. (m)		24.04	
Min Ch El (m)	40.22	Shear (N/m2)		44.10	
Alpha	1.00	Stream Power (N/m s)		54.56	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		21.83	
C & E Loss (m)	0.02	Cum SA (1000 m2)		61.83	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T200 anni - Post

E.G. Elev (m)	40.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	40.68	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.68	Flow Area (m2)		4.67	
E.G. Slope (m/m)	0.026372	Area (m2)		4.67	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	26.22	Top Width (m)		26.22	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	36.9	Conv. (m3/s)		36.9	
Length Wtd. (m)	33.10	Wetted Per. (m)		26.31	
Min Ch El (m)	40.22	Shear (N/m2)		45.91	
Alpha	1.00	Stream Power (N/m s)		58.88	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		35.84	
C & E Loss (m)	0.02	Cum SA (1000 m2)		69.01	

Plan: AnPo River 1 Reach 1 RS: 1229 Profile: T500 anni - Post

E.G. Elev (m)	40.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.73	Reach Len. (m)	33.10	33.10	33.10
Crit W.S. (m)	40.71	Flow Area (m2)		5.77	
E.G. Slope (m/m)	0.022342	Area (m2)		5.77	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	27.29	Top Width (m)		27.29	
Vel Total (m/s)	1.32	Avg. Vel. (m/s)		1.32	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	51.1	Conv. (m3/s)		51.1	
Length Wtd. (m)	33.10	Wetted Per. (m)		27.39	
Min Ch El (m)	40.22	Shear (N/m2)		46.18	
Alpha	1.00	Stream Power (N/m s)		61.12	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		44.95	
C & E Loss (m)	0.03	Cum SA (1000 m2)		79.39	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T25 anni - Ante

E.G. Elev (m)	40.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.50	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.29	Flow Area (m2)		8.43	
E.G. Slope (m/m)	0.000715	Area (m2)		8.43	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	43.62	Top Width (m)		43.62	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	70.3	Conv. (m3/s)		70.3	
Length Wtd. (m)	31.00	Wetted Per. (m)		43.68	
Min Ch El (m)	40.05	Shear (N/m2)		1.35	
Alpha	1.00	Stream Power (N/m s)		0.30	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		7.01	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.09	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T50 anni - Ante

E.G. Elev (m)	40.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.56	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.33	Flow Area (m2)		11.06	
E.G. Slope (m/m)	0.000644	Area (m2)		11.06	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	45.95	Top Width (m)		45.95	
Vel Total (m/s)	0.25	Avg. Vel. (m/s)		0.25	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	106.8	Conv. (m3/s)		106.8	
Length Wtd. (m)	31.00	Wetted Per. (m)		46.02	
Min Ch El (m)	40.05	Shear (N/m2)		1.52	
Alpha	1.00	Stream Power (N/m s)		0.37	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.19	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T100 anni - Ante

E.G. Elev (m)	40.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.57	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.36	Flow Area (m2)		11.75	
E.G. Slope (m/m)	0.000963	Area (m2)		11.75	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	46.72	Top Width (m)		46.72	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.52	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	117.0	Conv. (m3/s)		117.0	
Length Wtd. (m)	31.00	Wetted Per. (m)		46.79	
Min Ch El (m)	40.05	Shear (N/m2)		2.37	
Alpha	1.00	Stream Power (N/m s)		0.73	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		12.00	
C & E Loss (m)	0.00	Cum SA (1000 m2)		49.01	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T200 anni - Ante

E.G. Elev (m)	40.61	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.61	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.38	Flow Area (m2)		15.65	
E.G. Slope (m/m)	0.000991	Area (m2)		15.65	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T200 anni - Ante (Continued)

Top Width (m)	67.84	Top Width (m)		67.84	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	147.1	Conv. (m3/s)		147.1	
Length Wtd. (m)	31.00	Wetted Per. (m)		67.94	
Min Ch El (m)	40.05	Shear (N/m2)		2.24	
Alpha	1.00	Stream Power (N/m s)		0.66	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		19.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		58.36	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T500 anni - Ante

E.G. Elev (m)	40.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.66	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.41	Flow Area (m2)		19.13	
E.G. Slope (m/m)	0.000883	Area (m2)		19.13	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	69.85	Top Width (m)		69.85	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	201.5	Conv. (m3/s)		201.5	
Length Wtd. (m)	31.00	Wetted Per. (m)		69.96	
Min Ch El (m)	40.05	Shear (N/m2)		2.39	
Alpha	1.00	Stream Power (N/m s)		0.75	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		36.99	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.78	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T25 anni - Post

E.G. Elev (m)	40.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.55	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.32	Flow Area (m2)		10.87	
E.G. Slope (m/m)	0.000647	Area (m2)		10.87	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	45.76	Top Width (m)		45.76	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	104.2	Conv. (m3/s)		104.2	
Length Wtd. (m)	31.00	Wetted Per. (m)		45.83	
Min Ch El (m)	40.05	Shear (N/m2)		1.51	
Alpha	1.00	Stream Power (N/m s)		0.37	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.73	
C & E Loss (m)	0.00	Cum SA (1000 m2)		43.78	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T50 anni - Post

E.G. Elev (m)	40.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.57	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.36	Flow Area (m2)		11.85	
E.G. Slope (m/m)	0.000667	Area (m2)		11.85	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	46.87	Top Width (m)		46.87	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.52	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	118.3	Conv. (m3/s)		118.3	
Length Wtd. (m)	31.00	Wetted Per. (m)		46.96	
Min Ch El (m)	40.05	Shear (N/m2)		2.39	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.74	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		12.25	
C & E Loss (m)	0.00	Cum SA (1000 m2)		49.29	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T100 anni - Post

E.G. Elev (m)	40.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.61	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.38	Flow Area (m2)		16.06	
E.G. Slope (m/m)	0.000981	Area (m2)		16.06	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	68.24	Top Width (m)		68.24	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	153.2	Conv. (m3/s)		153.2	
Length Wtd. (m)	31.00	Wetted Per. (m)		68.34	
Min Ch El (m)	40.05	Shear (N/m2)		2.26	
Alpha	1.00	Stream Power (N/m s)		0.68	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		21.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.30	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T200 anni - Post

E.G. Elev (m)	40.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.65	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.41	Flow Area (m2)		19.05	
E.G. Slope (m/m)	0.000896	Area (m2)		19.05	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	69.83	Top Width (m)		69.83	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	200.2	Conv. (m3/s)		200.2	
Length Wtd. (m)	31.00	Wetted Per. (m)		69.93	
Min Ch El (m)	40.05	Shear (N/m2)		2.39	
Alpha	1.00	Stream Power (N/m s)		0.75	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		35.44	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.42	

Plan: AnPo River 1 Reach 1 RS: 1196 Profile: T500 anni - Post

E.G. Elev (m)	40.71	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.71	Reach Len. (m)	31.00	31.00	31.00
Crit W.S. (m)	40.44	Flow Area (m2)		22.66	
E.G. Slope (m/m)	0.000837	Area (m2)		22.66	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	71.08	Top Width (m)		71.08	
Vel Total (m/s)	0.34	Avg. Vel. (m/s)		0.34	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	264.2	Conv. (m3/s)		264.2	
Length Wtd. (m)	31.00	Wetted Per. (m)		71.18	
Min Ch El (m)	40.05	Shear (N/m2)		2.61	
Alpha	1.00	Stream Power (N/m s)		0.88	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		44.48	
C & E Loss (m)	0.00	Cum SA (1000 m2)		77.76	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T25 anni - Ante

E.G. Elev (m)	40.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.49	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.19	Flow Area (m2)		12.84	
E.G. Slope (m/m)	0.000238	Area (m2)		12.84	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	54.41	Top Width (m)		54.41	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.62	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	122.4	Conv. (m3/s)		122.4	
Length Wtd. (m)	31.20	Wetted Per. (m)		54.51	
Min Ch El (m)	39.87	Shear (N/m2)		0.55	
Alpha	1.00	Stream Power (N/m s)		0.08	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		6.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		38.57	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T50 anni - Ante

E.G. Elev (m)	40.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.55	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.22	Flow Area (m2)		16.19	
E.G. Slope (m/m)	0.000249	Area (m2)		16.19	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	58.36	Top Width (m)		58.36	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	171.8	Conv. (m3/s)		171.8	
Length Wtd. (m)	31.20	Wetted Per. (m)		58.50	
Min Ch El (m)	39.87	Shear (N/m2)		0.67	
Alpha	1.00	Stream Power (N/m s)		0.11	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.57	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T100 anni - Ante

E.G. Elev (m)	40.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.55	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.25	Flow Area (m2)		16.71	
E.G. Slope (m/m)	0.000406	Area (m2)		16.71	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	58.88	Top Width (m)		58.88	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	160.1	Conv. (m3/s)		160.1	
Length Wtd. (m)	31.20	Wetted Per. (m)		58.99	
Min Ch El (m)	39.87	Shear (N/m2)		1.13	
Alpha	1.00	Stream Power (N/m s)		0.25	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		11.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		47.38	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T200 anni - Ante

E.G. Elev (m)	40.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.59	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.27	Flow Area (m2)		18.58	
E.G. Slope (m/m)	0.000486	Area (m2)		18.58	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T200 anni - Ante (Continued)

Top Width (m)	61.00	Top Width (m)		61.00	
Vel Total (m/s)	0.25	Avg. Vel. (m/s)		0.25	
Max Chl Dpth (m)	0.72	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	210.0	Conv. (m3/s)		210.0	
Length Wtd. (m)	31.20	Wetted Per. (m)		61.12	
Min Ch El (m)	39.87	Shear (N/m2)		1.45	
Alpha	1.00	Stream Power (N/m s)		0.36	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		18.69	
C & E Loss (m)	0.00	Cum SA (1000 m2)		56.39	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T500 anni - Ante

E.G. Elev (m)	40.64	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.64	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.30	Flow Area (m2)		21.74	
E.G. Slope (m/m)	0.000626	Area (m2)		21.74	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	64.66	Top Width (m)		64.66	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	262.4	Conv. (m3/s)		262.4	
Length Wtd. (m)	31.20	Wetted Per. (m)		64.78	
Min Ch El (m)	39.87	Shear (N/m2)		1.73	
Alpha	1.00	Stream Power (N/m s)		0.48	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		35.36	
C & E Loss (m)	0.00	Cum SA (1000 m2)		65.70	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T25 anni - Post

E.G. Elev (m)	40.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.54	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.22	Flow Area (m2)		15.96	
E.G. Slope (m/m)	0.000248	Area (m2)		15.96	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	58.17	Top Width (m)		58.17	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.67	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	168.2	Conv. (m3/s)		168.2	
Length Wtd. (m)	31.20	Wetted Per. (m)		58.28	
Min Ch El (m)	39.87	Shear (N/m2)		0.67	
Alpha	1.00	Stream Power (N/m s)		0.11	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.31	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.17	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T50 anni - Post

E.G. Elev (m)	40.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.56	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.25	Flow Area (m2)		16.82	
E.G. Slope (m/m)	0.000409	Area (m2)		16.82	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	58.99	Top Width (m)		58.99	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	182.0	Conv. (m3/s)		182.0	
Length Wtd. (m)	31.20	Wetted Per. (m)		59.11	
Min Ch El (m)	39.87	Shear (N/m2)		1.14	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.25	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		11.81	
C & E Loss (m)	0.00	Cum SA (1000 m2)		47.64	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T100 anni - Post

E.G. Elev (m)	40.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.59	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.27	Flow Area (m2)		18.96	
E.G. Slope (m/m)	0.000493	Area (m2)		18.96	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	61.40	Top Width (m)		61.40	
Vel Total (m/s)	0.25	Avg. Vel. (m/s)		0.25	
Max Chl Dpth (m)	0.72	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	216.2	Conv. (m3/s)		216.2	
Length Wtd. (m)	31.20	Wetted Per. (m)		61.52	
Min Ch El (m)	39.87	Shear (N/m2)		1.49	
Alpha	1.00	Stream Power (N/m s)		0.38	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		20.96	
C & E Loss (m)	0.00	Cum SA (1000 m2)		58.29	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T200 anni - Post

E.G. Elev (m)	40.64	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.30	Flow Area (m2)		21.66	
E.G. Slope (m/m)	0.000526	Area (m2)		21.66	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	64.60	Top Width (m)		64.60	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.78	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	261.1	Conv. (m3/s)		261.1	
Length Wtd. (m)	31.20	Wetted Per. (m)		64.72	
Min Ch El (m)	39.87	Shear (N/m2)		1.73	
Alpha	1.00	Stream Power (N/m s)		0.48	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		34.81	
C & E Loss (m)	0.00	Cum SA (1000 m2)		65.33	

Plan: AnPo River 1 Reach 1 RS: 1165 Profile: T500 anni - Post

E.G. Elev (m)	40.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.68	Reach Len. (m)	31.20	31.20	31.20
Crit W.S. (m)	40.34	Flow Area (m2)		30.89	
E.G. Slope (m/m)	0.000390	Area (m2)		30.89	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	86.99	Top Width (m)		86.99	
Vel Total (m/s)	0.25	Avg. Vel. (m/s)		0.25	
Max Chl Dpth (m)	0.82	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	366.8	Conv. (m3/s)		366.8	
Length Wtd. (m)	31.20	Wetted Per. (m)		87.15	
Min Ch El (m)	39.87	Shear (N/m2)		1.36	
Alpha	1.00	Stream Power (N/m s)		0.34	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		43.65	
C & E Loss (m)	0.00	Cum SA (1000 m2)		75.31	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T25 anni - Ante

E.G. Elev (m)	40.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.48	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.01	Flow Area (m2)		10.52	
E.G. Slope (m/m)	0.000268	Area (m2)		10.52	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	36.33	Top Width (m)		36.33	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	114.9	Conv. (m3/s)		114.9	
Length Wtd. (m)	30.00	Wetted Per. (m)		36.42	
Min Ch El (m)	39.79	Shear (N/m2)		0.76	
Alpha	1.00	Stream Power (N/m s)		0.14	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		6.31	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.15	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T50 anni - Ante

E.G. Elev (m)	40.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.54	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.05	Flow Area (m2)		12.66	
E.G. Slope (m/m)	0.000330	Area (m2)		12.66	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	38.10	Top Width (m)		38.10	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	151.5	Conv. (m3/s)		151.5	
Length Wtd. (m)	30.00	Wetted Per. (m)		38.20	
Min Ch El (m)	39.79	Shear (N/m2)		1.04	
Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.02	
C & E Loss (m)	0.00	Cum SA (1000 m2)		41.06	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T100 anni - Ante

E.G. Elev (m)	40.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.54	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.09	Flow Area (m2)		12.73	
E.G. Slope (m/m)	0.000565	Area (m2)		12.73	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	38.19	Top Width (m)		38.19	
Vel Total (m/s)	0.29	Avg. Vel. (m/s)		0.29	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	152.7	Conv. (m3/s)		152.7	
Length Wtd. (m)	30.00	Wetted Per. (m)		38.29	
Min Ch El (m)	39.79	Shear (N/m2)		1.84	
Alpha	1.00	Stream Power (N/m s)		0.53	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		11.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		45.66	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T200 anni - Ante

E.G. Elev (m)	40.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.57	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.14	Flow Area (m2)		19.77	
E.G. Slope (m/m)	0.000448	Area (m2)		19.77	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T200 anni - Ante (Continued)

Top Width (m)	67.06	Top Width (m)		67.06	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.78	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	218.7	Conv. (m3/s)		218.7	
Length Wtd. (m)	30.00	Wetted Per. (m)		67.17	
Min Ch El (m)	39.79	Shear (N/m2)		1.29	
Alpha	1.00	Stream Power (N/m s)		0.30	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		18.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		54.39	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T500 anni - Ante

E.G. Elev (m)	40.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.62	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.19	Flow Area (m2)		23.13	
E.G. Slope (m/m)	0.000481	Area (m2)		23.13	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	68.39	Top Width (m)		68.39	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	280.3	Conv. (m3/s)		280.3	
Length Wtd. (m)	30.00	Wetted Per. (m)		68.52	
Min Ch El (m)	39.79	Shear (N/m2)		1.53	
Alpha	1.00	Stream Power (N/m s)		0.40	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		34.66	
C & E Loss (m)	0.00	Cum SA (1000 m2)		63.62	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T25 anni - Post

E.G. Elev (m)	40.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.53	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.05	Flow Area (m2)		12.51	
E.G. Slope (m/m)	0.000316	Area (m2)		12.51	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	37.92	Top Width (m)		37.92	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	149.1	Conv. (m3/s)		149.1	
Length Wtd. (m)	30.00	Wetted Per. (m)		38.02	
Min Ch El (m)	39.79	Shear (N/m2)		1.02	
Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		7.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.67	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T50 anni - Post

E.G. Elev (m)	40.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.54	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.10	Flow Area (m2)		12.80	
E.G. Slope (m/m)	0.000572	Area (m2)		12.80	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	38.27	Top Width (m)		38.27	
Vel Total (m/s)	0.29	Avg. Vel. (m/s)		0.29	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	153.8	Conv. (m3/s)		153.8	
Length Wtd. (m)	30.00	Wetted Per. (m)		38.37	
Min Ch El (m)	39.79	Shear (N/m2)		1.67	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.54	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		11.35	
C & E Loss (m)	0.00	Cum SA (1000 m2)		46.13	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T100 anni - Post

E.G. Elev (m)	40.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.58	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.15	Flow Area (m2)		20.18	
E.G. Slope (m/m)	0.000452	Area (m2)		20.18	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	67.22	Top Width (m)		67.22	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.79	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	225.9	Conv. (m3/s)		225.9	
Length Wtd. (m)	30.00	Wetted Per. (m)		67.35	
Min Ch El (m)	39.79	Shear (N/m2)		1.33	
Alpha	1.00	Stream Power (N/m s)		0.32	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		20.34	
C & E Loss (m)	0.00	Cum SA (1000 m2)		56.28	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T200 anni - Post

E.G. Elev (m)	40.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.62	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.19	Flow Area (m2)		23.05	
E.G. Slope (m/m)	0.000462	Area (m2)		23.05	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	68.35	Top Width (m)		68.35	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	278.8	Conv. (m3/s)		278.8	
Length Wtd. (m)	30.00	Wetted Per. (m)		68.48	
Min Ch El (m)	39.79	Shear (N/m2)		1.52	
Alpha	1.00	Stream Power (N/m s)		0.40	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		34.11	
C & E Loss (m)	0.00	Cum SA (1000 m2)		63.26	

Plan: AnPo River 1 Reach 1 RS: 1134 Profile: T500 anni - Post

E.G. Elev (m)	40.68	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.68	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	40.24	Flow Area (m2)		27.05	
E.G. Slope (m/m)	0.000475	Area (m2)		27.05	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	72.31	Top Width (m)		72.31	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	350.6	Conv. (m3/s)		350.6	
Length Wtd. (m)	30.00	Wetted Per. (m)		72.45	
Min Ch El (m)	39.79	Shear (N/m2)		1.74	
Alpha	1.00	Stream Power (N/m s)		0.49	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		42.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		72.83	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T25 anni - Ante

E.G. Elev (m)	40.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.47	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.06	Flow Area (m2)		7.72	
E.G. Slope (m/m)	0.000388	Area (m2)		7.72	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	21.94	Top Width (m)		21.94	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	95.7	Conv. (m3/s)		95.7	
Length Wtd. (m)	30.10	Wetted Per. (m)		22.07	
Min Ch El (m)	39.83	Shear (N/m2)		1.32	
Alpha	1.00	Stream Power (N/m s)		0.32	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		6.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.28	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T50 anni - Ante

E.G. Elev (m)	40.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.52	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.13	Flow Area (m2)		8.96	
E.G. Slope (m/m)	0.000535	Area (m2)		8.96	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	23.43	Top Width (m)		23.43	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	117.2	Conv. (m3/s)		117.2	
Length Wtd. (m)	30.10	Wetted Per. (m)		23.58	
Min Ch El (m)	39.83	Shear (N/m2)		1.99	
Alpha	1.00	Stream Power (N/m s)		0.60	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		7.70	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.14	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T100 anni - Ante

E.G. Elev (m)	40.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.51	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.18	Flow Area (m2)		8.69	
E.G. Slope (m/m)	0.001043	Area (m2)		8.69	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	23.19	Top Width (m)		23.19	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	112.4	Conv. (m3/s)		112.4	
Length Wtd. (m)	30.10	Wetted Per. (m)		23.34	
Min Ch El (m)	39.83	Shear (N/m2)		3.81	
Alpha	1.00	Stream Power (N/m s)		1.59	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		10.78	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.94	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T200 anni - Ante

E.G. Elev (m)	40.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.54	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.22	Flow Area (m2)		9.36	
E.G. Slope (m/m)	0.001370	Area (m2)		9.36	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T200 anni - Ante (Continued)

Top Width (m)	23.81	Top Width (m)		23.81	
Vel Total (m/s)	0.49	Avg. Vel. (m/s)		0.49	
Max Chl Dpth (m)	0.71	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	125.1	Conv. (m3/s)		125.1	
Length Wtd. (m)	30.10	Wetted Per. (m)		23.97	
Min Ch El (m)	39.83	Shear (N/m2)		5.25	
Alpha	1.00	Stream Power (N/m s)		2.59	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		17.66	
C & E Loss (m)	0.00	Cum SA (1000 m2)		53.03	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T500 anni - Ante

E.G. Elev (m)	40.60	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	40.58	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.27	Flow Area (m2)		10.42	
E.G. Slope (m/m)	0.001709	Area (m2)		10.42	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	24.75	Top Width (m)		24.75	
Vel Total (m/s)	0.58	Avg. Vel. (m/s)		0.58	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	145.6	Conv. (m3/s)		145.6	
Length Wtd. (m)	30.10	Wetted Per. (m)		24.91	
Min Ch El (m)	39.83	Shear (N/m2)		7.01	
Alpha	1.00	Stream Power (N/m s)		4.05	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		34.16	
C & E Loss (m)	0.00	Cum SA (1000 m2)		62.22	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T25 anni - Post

E.G. Elev (m)	40.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.52	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.13	Flow Area (m2)		8.86	
E.G. Slope (m/m)	0.000525	Area (m2)		8.86	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	23.35	Top Width (m)		23.35	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	115.6	Conv. (m3/s)		115.6	
Length Wtd. (m)	30.10	Wetted Per. (m)		23.50	
Min Ch El (m)	39.83	Shear (N/m2)		1.94	
Alpha	1.00	Stream Power (N/m s)		0.58	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		7.55	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.75	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T50 anni - Post

E.G. Elev (m)	40.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.51	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.18	Flow Area (m2)		8.72	
E.G. Slope (m/m)	0.001061	Area (m2)		8.72	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	23.22	Top Width (m)		23.22	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	113.0	Conv. (m3/s)		113.0	
Length Wtd. (m)	30.10	Wetted Per. (m)		23.37	
Min Ch El (m)	39.83	Shear (N/m2)		3.88	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		1.64	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		11.02	
C & E Loss (m)	0.00	Cum SA (1000 m2)		45.20	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T100 anni - Post

E.G. Elev (m)	40.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.54	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.23	Flow Area (m2)		9.48	
E.G. Slope (m/m)	0.001419	Area (m2)		9.48	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	23.92	Top Width (m)		23.92	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	0.71	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	127.4	Conv. (m3/s)		127.4	
Length Wtd. (m)	30.10	Wetted Per. (m)		24.08	
Min Ch El (m)	39.83	Shear (N/m2)		5.48	
Alpha	1.00	Stream Power (N/m s)		2.77	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		18.90	
C & E Loss (m)	0.00	Cum SA (1000 m2)		54.92	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T200 anni - Post

E.G. Elev (m)	40.60	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	40.58	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.27	Flow Area (m2)		10.39	
E.G. Slope (m/m)	0.001705	Area (m2)		10.39	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	24.73	Top Width (m)		24.73	
Vel Total (m/s)	0.58	Avg. Vel. (m/s)		0.58	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	145.1	Conv. (m3/s)		145.1	
Length Wtd. (m)	30.10	Wetted Per. (m)		24.89	
Min Ch El (m)	39.83	Shear (N/m2)		6.98	
Alpha	1.00	Stream Power (N/m s)		4.02	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		33.61	
C & E Loss (m)	0.00	Cum SA (1000 m2)		61.86	

Plan: AnPo River 1 Reach 1 RS: 1104 Profile: T500 anni - Post

E.G. Elev (m)	40.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	40.63	Reach Len. (m)	30.10	30.10	30.10
Crit W.S. (m)	40.32	Flow Area (m2)		11.66	
E.G. Slope (m/m)	0.002000	Area (m2)		11.66	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	25.83	Top Width (m)		25.83	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.80	Hydr. Depth (m)		0.45	
Conv. Total (m3/s)	170.8	Conv. (m3/s)		170.8	
Length Wtd. (m)	30.10	Wetted Per. (m)		26.00	
Min Ch El (m)	39.83	Shear (N/m2)		8.80	
Alpha	1.00	Stream Power (N/m s)		5.76	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		42.16	
C & E Loss (m)	0.00	Cum SA (1000 m2)		71.35	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T25 anni - Ante

E.G. Elev (m)	40.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.46	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.04	Flow Area (m2)		14.12	
E.G. Slope (m/m)	0.000104	Area (m2)		14.12	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	37.46	Top Width (m)		37.46	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	184.0	Conv. (m3/s)		184.0	
Length Wtd. (m)	30.40	Wetted Per. (m)		37.50	
Min Ch El (m)	39.86	Shear (N/m2)		0.39	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		5.71	
C & E Loss (m)	0.01	Cum SA (1000 m2)		35.38	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T50 anni - Ante

E.G. Elev (m)	40.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.52	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.07	Flow Area (m2)		16.11	
E.G. Slope (m/m)	0.000144	Area (m2)		16.11	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	38.24	Top Width (m)		38.24	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	226.1	Conv. (m3/s)		226.1	
Length Wtd. (m)	30.40	Wetted Per. (m)		38.29	
Min Ch El (m)	39.86	Shear (N/m2)		0.59	
Alpha	1.00	Stream Power (N/m s)		0.10	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		7.32	
C & E Loss (m)	0.01	Cum SA (1000 m2)		39.21	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T100 anni - Ante

E.G. Elev (m)	40.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.50	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.10	Flow Area (m2)		15.48	
E.G. Slope (m/m)	0.000292	Area (m2)		15.48	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	37.99	Top Width (m)		37.99	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.41	
Conv. Total (m3/s)	212.5	Conv. (m3/s)		212.5	
Length Wtd. (m)	30.40	Wetted Per. (m)		38.06	
Min Ch El (m)	39.86	Shear (N/m2)		1.18	
Alpha	1.00	Stream Power (N/m s)		0.27	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		10.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.02	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T200 anni - Ante

E.G. Elev (m)	40.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.52	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.12	Flow Area (m2)		16.45	
E.G. Slope (m/m)	0.000393	Area (m2)		16.45	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T200 anni - Ante (Continued)

Top Width (m)	38.37	Top Width (m)		38.37	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.43	
Conv. Total (m3/s)	233.5	Conv. (m3/s)		233.5	
Length Wtd. (m)	30.40	Wetted Per. (m)		38.42	
Min Ch El (m)	39.86	Shear (N/m2)		1.65	
Alpha	1.00	Stream Power (N/m s)		0.46	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		17.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		52.09	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T500 anni - Ante

E.G. Elev (m)	40.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.56	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.16	Flow Area (m2)		17.99	
E.G. Slope (m/m)	0.000503	Area (m2)		17.99	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	38.96	Top Width (m)		38.96	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.70	Hydr. Depth (m)		0.46	
Conv. Total (m3/s)	266.5	Conv. (m3/s)		266.5	
Length Wtd. (m)	30.40	Wetted Per. (m)		39.02	
Min Ch El (m)	39.86	Shear (N/m2)		2.27	
Alpha	1.00	Stream Power (N/m s)		0.76	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		33.73	
C & E Loss (m)	0.01	Cum SA (1000 m2)		61.26	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T25 anni - Post

E.G. Elev (m)	40.51	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.51	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.06	Flow Area (m2)		15.98	
E.G. Slope (m/m)	0.000141	Area (m2)		15.98	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	38.18	Top Width (m)		38.18	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	223.2	Conv. (m3/s)		223.2	
Length Wtd. (m)	30.40	Wetted Per. (m)		38.24	
Min Ch El (m)	39.86	Shear (N/m2)		0.58	
Alpha	1.00	Stream Power (N/m s)		0.10	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		7.17	
C & E Loss (m)	0.01	Cum SA (1000 m2)		38.82	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T50 anni - Post

E.G. Elev (m)	40.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.50	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.10	Flow Area (m2)		15.52	
E.G. Slope (m/m)	0.000297	Area (m2)		15.52	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	38.01	Top Width (m)		38.01	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.41	
Conv. Total (m3/s)	213.5	Conv. (m3/s)		213.5	
Length Wtd. (m)	30.40	Wetted Per. (m)		38.06	
Min Ch El (m)	39.86	Shear (N/m2)		1.19	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.28	
Froth Loss (m)	0.03	Cum Volume (1000 m3)		10.66	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.28	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T100 anni - Post

E.G. Elev (m)	40.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	40.53	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.13	Flow Area (m2)		16.62	
E.G. Slope (m/m)	0.000409	Area (m2)		16.62	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	38.43	Top Width (m)		38.43	
Vel Total (m/s)	0.29	Avg. Vel. (m/s)		0.29	
Max Chl Dpth (m)	0.67	Hydr. Depth (m)		0.43	
Conv. Total (m3/s)	237.4	Conv. (m3/s)		237.4	
Length Wtd. (m)	30.40	Wetted Per. (m)		38.49	
Min Ch El (m)	39.86	Shear (N/m2)		1.73	
Alpha	1.00	Stream Power (N/m s)		0.50	
Froth Loss (m)	0.04	Cum Volume (1000 m3)		18.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		53.98	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T200 anni - Post

E.G. Elev (m)	40.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.56	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.16	Flow Area (m2)		17.95	
E.G. Slope (m/m)	0.000501	Area (m2)		17.95	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	38.94	Top Width (m)		38.94	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.70	Hydr. Depth (m)		0.46	
Conv. Total (m3/s)	267.5	Conv. (m3/s)		267.5	
Length Wtd. (m)	30.40	Wetted Per. (m)		39.01	
Min Ch El (m)	39.86	Shear (N/m2)		2.26	
Alpha	1.00	Stream Power (N/m s)		0.75	
Froth Loss (m)	0.05	Cum Volume (1000 m3)		33.19	
C & E Loss (m)	0.01	Cum SA (1000 m2)		60.91	

Plan: AnPo River 1 Reach 1 RS: 1074 Profile: T500 anni - Post

E.G. Elev (m)	40.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	40.61	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	40.19	Flow Area (m2)		19.82	
E.G. Slope (m/m)	0.000600	Area (m2)		19.82	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	39.64	Top Width (m)		39.64	
Vel Total (m/s)	0.39	Avg. Vel. (m/s)		0.39	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.50	
Conv. Total (m3/s)	311.9	Conv. (m3/s)		311.9	
Length Wtd. (m)	30.40	Wetted Per. (m)		39.72	
Min Ch El (m)	39.86	Shear (N/m2)		2.94	
Alpha	1.00	Stream Power (N/m s)		1.13	
Froth Loss (m)	0.06	Cum Volume (1000 m3)		41.69	
C & E Loss (m)	0.01	Cum SA (1000 m2)		70.37	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T25 anni - Ante

E.G. Elev (m)	40.45	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	40.38	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.38	Flow Area (m2)		1.68	
E.G. Slope (m/m)	0.031752	Area (m2)		1.68	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	13.27	Top Width (m)		13.27	
Vel Total (m/s)	1.12	Avg. Vel. (m/s)		1.12	
Max Chl Dpth (m)	1.08	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	10.6	Conv. (m3/s)		10.6	
Length Wtd. (m)	28.90	Wetted Per. (m)		13.40	
Min Ch El (m)	39.30	Shear (N/m2)		39.11	
Alpha	1.00	Stream Power (N/m s)		43.70	
Frctn Loss (m)	1.18	Cum Volume (1000 m3)		5.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.61	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T50 anni - Ante

E.G. Elev (m)	40.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.43	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.43	Flow Area (m2)		2.33	
E.G. Slope (m/m)	0.031064	Area (m2)		2.33	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	17.10	Top Width (m)		17.10	
Vel Total (m/s)	1.16	Avg. Vel. (m/s)		1.16	
Max Chl Dpth (m)	1.13	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	15.4	Conv. (m3/s)		15.4	
Length Wtd. (m)	28.90	Wetted Per. (m)		17.24	
Min Ch El (m)	39.30	Shear (N/m2)		41.22	
Alpha	1.00	Stream Power (N/m s)		47.87	
Frctn Loss (m)	1.20	Cum Volume (1000 m3)		7.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		38.37	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T100 anni - Ante

E.G. Elev (m)	40.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	40.45	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.45	Flow Area (m2)		5.27	
E.G. Slope (m/m)	0.008598	Area (m2)		5.27	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	32.39	Top Width (m)		32.39	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.56	
Min Ch El (m)	39.30	Shear (N/m2)		13.68	
Alpha	1.00	Stream Power (N/m s)		9.40	
Frctn Loss (m)	0.80	Cum Volume (1000 m3)		10.10	
C & E Loss (m)	0.04	Cum SA (1000 m2)		42.95	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T200 anni - Ante

E.G. Elev (m)	40.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	40.45	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.45	Flow Area (m2)		5.27	
E.G. Slope (m/m)	0.014003	Area (m2)		5.27	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T200 anni - Ante (Continued)

Top Width (m)	32.39	Top Width (m)		32.39	
Vel Total (m/s)	0.88	Avg. Vel. (m/s)		0.88	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.56	
Min Ch El (m)	39.30	Shear (N/m2)		22.22	
Alpha	1.00	Stream Power (N/m s)		19.53	
Frctn Loss (m)	1.01	Cum Volume (1000 m3)		16.94	
C & E Loss (m)	0.02	Cum SA (1000 m2)		51.01	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T500 anni - Ante

E.G. Elev (m)	40.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.45	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.45	Flow Area (m2)		5.27	
E.G. Slope (m/m)	0.023890	Area (m2)		5.27	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	32.39	Top Width (m)		32.39	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.56	
Min Ch El (m)	39.30	Shear (N/m2)		37.59	
Alpha	1.00	Stream Power (N/m s)		42.95	
Frctn Loss (m)	1.10	Cum Volume (1000 m3)		33.38	
C & E Loss (m)	0.01	Cum SA (1000 m2)		60.18	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T25 anni - Post

E.G. Elev (m)	40.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.42	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.42	Flow Area (m2)		2.32	
E.G. Slope (m/m)	0.030196	Area (m2)		2.32	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	16.98	Top Width (m)		16.98	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	1.12	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	15.2	Conv. (m3/s)		15.2	
Length Wtd. (m)	28.90	Wetted Per. (m)		17.12	
Min Ch El (m)	39.30	Shear (N/m2)		40.06	
Alpha	1.00	Stream Power (N/m s)		45.84	
Frctn Loss (m)	1.20	Cum Volume (1000 m3)		8.90	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.98	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T50 anni - Post

E.G. Elev (m)	40.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	40.45	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.45	Flow Area (m2)		5.27	
E.G. Slope (m/m)	0.008837	Area (m2)		5.27	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	32.39	Top Width (m)		32.39	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.56	
Min Ch El (m)	39.30	Shear (N/m2)		14.03	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		9.79	
Frctn Loss (m)	0.81	Cum Volume (1000 m3)		10.34	
C & E Loss (m)	0.04	Cum SA (1000 m2)		43.21	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T100 anni - Post

E.G. Elev (m)	40.49	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	40.45	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.45	Flow Area (m2)		5.27	
E.G. Slope (m/m)	0.015053	Area (m2)		5.27	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	32.39	Top Width (m)		32.39	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.56	
Min Ch El (m)	39.30	Shear (N/m2)		23.89	
Alpha	1.00	Stream Power (N/m s)		21.76	
Frctn Loss (m)	1.04	Cum Volume (1000 m3)		18.17	
C & E Loss (m)	0.02	Cum SA (1000 m2)		52.90	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T200 anni - Post

E.G. Elev (m)	40.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	40.45	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.45	Flow Area (m2)		5.27	
E.G. Slope (m/m)	0.023454	Area (m2)		5.27	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	32.39	Top Width (m)		32.39	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.56	
Min Ch El (m)	39.30	Shear (N/m2)		37.22	
Alpha	1.00	Stream Power (N/m s)		42.31	
Frctn Loss (m)	1.10	Cum Volume (1000 m3)		32.83	
C & E Loss (m)	0.01	Cum SA (1000 m2)		59.82	

Plan: AnPo River 1 Reach 1 RS: 1044 Profile: T500 anni - Post

E.G. Elev (m)	40.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	40.47	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	40.47	Flow Area (m2)		5.80	
E.G. Slope (m/m)	0.025295	Area (m2)		5.80	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	32.97	Top Width (m)		32.97	
Vel Total (m/s)	1.32	Avg. Vel. (m/s)		1.32	
Max Chl Dpth (m)	1.17	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	45.4	Conv. (m3/s)		45.4	
Length Wtd. (m)	28.90	Wetted Per. (m)		33.14	
Min Ch El (m)	39.30	Shear (N/m2)		46.56	
Alpha	1.00	Stream Power (N/m s)		63.97	
Frctn Loss (m)	1.13	Cum Volume (1000 m3)		41.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		69.27	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T25 anni - Ante

E.G. Elev (m)	39.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	39.21	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.22	Flow Area (m2)		1.82	
E.G. Slope (m/m)	0.054841	Area (m2)		1.82	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	24.66	Top Width (m)		24.66	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	0.19	Hydr. Depth (m)		0.07	
Conv. Total (m3/s)	8.0	Conv. (m3/s)		8.0	
Length Wtd. (m)	28.40	Wetted Per. (m)		24.69	
Min Ch El (m)	39.01	Shear (N/m2)		39.72	
Alpha	1.00	Stream Power (N/m s)		40.94	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		5.42	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.07	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T50 anni - Ante

E.G. Elev (m)	39.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	39.22	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.24	Flow Area (m2)		2.31	
E.G. Slope (m/m)	0.068869	Area (m2)		2.31	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	27.20	Top Width (m)		27.20	
Vel Total (m/s)	1.17	Avg. Vel. (m/s)		1.17	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	11.2	Conv. (m3/s)		11.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		27.24	
Min Ch El (m)	39.01	Shear (N/m2)		48.91	
Alpha	1.00	Stream Power (N/m s)		57.27	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		6.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		37.73	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T100 anni - Ante

E.G. Elev (m)	39.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.45	Wt. n-Val.		0.040	
W.S. Elev (m)	39.18	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.29	Flow Area (m2)		1.22	
E.G. Slope (m/m)	0.651006	Area (m2)		1.22	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	21.44	Top Width (m)		21.44	
Vel Total (m/s)	2.98	Avg. Vel. (m/s)		2.98	
Max Chl Dpth (m)	0.17	Hydr. Depth (m)		0.06	
Conv. Total (m3/s)	4.5	Conv. (m3/s)		4.5	
Length Wtd. (m)	28.40	Wetted Per. (m)		21.48	
Min Ch El (m)	39.01	Shear (N/m2)		362.26	
Alpha	1.00	Stream Power (N/m s)		1078.03	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		10.00	
C & E Loss (m)	0.01	Cum SA (1000 m2)		42.17	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T200 anni - Ante

E.G. Elev (m)	39.45	Element	Left OB	Channel	Right OB
Vel Head (m)	0.23	Wt. n-Val.		0.040	
W.S. Elev (m)	39.22	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.29	Flow Area (m2)		2.16	
E.G. Slope (m/m)	0.202275	Area (m2)		2.16	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T200 anni - Ante (Continued)

Top Width (m)	25.88	Top Width (m)		25.88	
Vel Total (m/s)	2.14	Avg. Vel. (m/s)		2.14	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	10.3	Conv. (m3/s)		10.3	
Length Wtd. (m)	28.40	Wetted Per. (m)		25.93	
Min Ch El (m)	39.01	Shear (N/m2)		165.20	
Alpha	1.00	Stream Power (N/m s)		354.25	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		16.83	
C & E Loss (m)	0.01	Cum SA (1000 m2)		50.17	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T500 anni - Ante

E.G. Elev (m)	39.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	39.27	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.32	Flow Area (m2)		3.77	
E.G. Slope (m/m)	0.071620	Area (m2)		3.77	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	32.26	Top Width (m)		32.26	
Vel Total (m/s)	1.60	Avg. Vel. (m/s)		1.60	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	22.5	Conv. (m3/s)		22.5	
Length Wtd. (m)	28.40	Wetted Per. (m)		32.32	
Min Ch El (m)	39.01	Shear (N/m2)		81.91	
Alpha	1.00	Stream Power (N/m s)		130.81	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		33.24	
C & E Loss (m)	0.01	Cum SA (1000 m2)		59.25	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T25 anni - Post

E.G. Elev (m)	39.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	39.22	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.24	Flow Area (m2)		2.26	
E.G. Slope (m/m)	0.060857	Area (m2)		2.26	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	27.07	Top Width (m)		27.07	
Vel Total (m/s)	1.18	Avg. Vel. (m/s)		1.18	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	10.7	Conv. (m3/s)		10.7	
Length Wtd. (m)	28.40	Wetted Per. (m)		27.11	
Min Ch El (m)	39.01	Shear (N/m2)		49.64	
Alpha	1.00	Stream Power (N/m s)		58.33	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		6.83	
C & E Loss (m)	0.01	Cum SA (1000 m2)		37.35	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T50 anni - Post

E.G. Elev (m)	39.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.44	Wt. n-Val.		0.040	
W.S. Elev (m)	39.18	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.27	Flow Area (m2)		1.25	
E.G. Slope (m/m)	0.616151	Area (m2)		1.25	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	21.65	Top Width (m)		21.65	
Vel Total (m/s)	2.93	Avg. Vel. (m/s)		2.93	
Max Chl Dpth (m)	0.17	Hydr. Depth (m)		0.06	
Conv. Total (m3/s)	4.7	Conv. (m3/s)		4.7	
Length Wtd. (m)	28.40	Wetted Per. (m)		21.68	
Min Ch El (m)	39.01	Shear (N/m2)		349.48	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		1025.71	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		10.25	
C & E Loss (m)	0.01	Cum SA (1000 m2)		42.43	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T100 anni - Post

E.G. Elev (m)	39.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.21	Wt. n-Val.		0.040	
W.S. Elev (m)	39.23	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.29	Flow Area (m2)		2.36	
E.G. Slope (m/m)	0.173100	Area (m2)		2.36	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	27.30	Top Width (m)		27.30	
Vel Total (m/s)	2.03	Avg. Vel. (m/s)		2.03	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	11.5	Conv. (m3/s)		11.5	
Length Wtd. (m)	28.40	Wetted Per. (m)		27.34	
Min Ch El (m)	39.01	Shear (N/m2)		146.62	
Alpha	1.00	Stream Power (N/m s)		298.00	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		18.06	
C & E Loss (m)	0.01	Cum SA (1000 m2)		52.04	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T200 anni - Post

E.G. Elev (m)	39.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	39.27	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.32	Flow Area (m2)		3.72	
E.G. Slope (m/m)	0.073015	Area (m2)		3.72	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	31.89	Top Width (m)		31.89	
Vel Total (m/s)	1.61	Avg. Vel. (m/s)		1.61	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	22.2	Conv. (m3/s)		22.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		31.96	
Min Ch El (m)	39.01	Shear (N/m2)		83.36	
Alpha	1.00	Stream Power (N/m s)		134.26	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		32.70	
C & E Loss (m)	0.01	Cum SA (1000 m2)		58.89	

Plan: AnPo River 1 Reach 1 RS: 1015 Profile: T500 anni - Post

E.G. Elev (m)	39.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	39.31	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	39.34	Flow Area (m2)		5.12	
E.G. Slope (m/m)	0.056977	Area (m2)		5.12	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	40.94	Top Width (m)		40.94	
Vel Total (m/s)	1.49	Avg. Vel. (m/s)		1.49	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	32.0	Conv. (m3/s)		32.0	
Length Wtd. (m)	28.40	Wetted Per. (m)		41.01	
Min Ch El (m)	39.01	Shear (N/m2)		69.80	
Alpha	1.00	Stream Power (N/m s)		104.09	
Frctn Loss (m)	0.46	Cum Volume (1000 m3)		41.14	
C & E Loss (m)	0.01	Cum SA (1000 m2)		68.20	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T25 anni - Ante

E.G. Elev (m)	38.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	38.43	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.37	Flow Area (m2)		2.71	
E.G. Slope (m/m)	0.008933	Area (m2)		2.71	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	17.01	Top Width (m)		17.01	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	19.9	Conv. (m3/s)		19.9	
Length Wtd. (m)	33.70	Wetted Per. (m)		17.05	
Min Ch El (m)	38.14	Shear (N/m2)		13.93	
Alpha	1.00	Stream Power (N/m s)		9.66	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		5.36	
C & E Loss (m)	0.00	Cum SA (1000 m2)		33.47	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T50 anni - Ante

E.G. Elev (m)	38.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	38.49	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.41	Flow Area (m2)		3.86	
E.G. Slope (m/m)	0.009821	Area (m2)		3.86	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	25.54	Top Width (m)		25.54	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.3	Conv. (m3/s)		27.3	
Length Wtd. (m)	33.70	Wetted Per. (m)		25.59	
Min Ch El (m)	38.14	Shear (N/m2)		14.53	
Alpha	1.00	Stream Power (N/m s)		10.20	
Frctn Loss (m)	0.55	Cum Volume (1000 m3)		6.88	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.98	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T100 anni - Ante

E.G. Elev (m)	38.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	38.53	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.44	Flow Area (m2)		4.98	
E.G. Slope (m/m)	0.010108	Area (m2)		4.98	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	31.85	Top Width (m)		31.85	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	36.1	Conv. (m3/s)		36.1	
Length Wtd. (m)	33.70	Wetted Per. (m)		31.90	
Min Ch El (m)	38.14	Shear (N/m2)		15.48	
Alpha	1.00	Stream Power (N/m s)		11.28	
Frctn Loss (m)	0.55	Cum Volume (1000 m3)		9.91	
C & E Loss (m)	0.00	Cum SA (1000 m2)		41.42	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T200 anni - Ante

E.G. Elev (m)	38.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	38.56	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.49	Flow Area (m2)		5.89	
E.G. Slope (m/m)	0.010113	Area (m2)		5.89	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T200 anni - Ante (Continued)

Top Width (m)	33.60	Top Width (m)		33.60	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	46.0	Conv. (m3/s)		46.0	
Length Wtd. (m)	33.70	Wetted Per. (m)		33.66	
Min Ch El (m)	38.14	Shear (N/m2)		17.35	
Alpha	1.00	Stream Power (N/m s)		13.64	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		16.72	
C & E Loss (m)	0.00	Cum SA (1000 m2)		49.33	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T500 anni - Ante

E.G. Elev (m)	38.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	38.59	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.53	Flow Area (m2)		7.09	
E.G. Slope (m/m)	0.010165	Area (m2)		7.09	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	36.20	Top Width (m)		36.20	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	58.7	Conv. (m3/s)		58.7	
Length Wtd. (m)	33.70	Wetted Per. (m)		36.27	
Min Ch El (m)	38.14	Shear (N/m2)		19.49	
Alpha	1.00	Stream Power (N/m s)		16.55	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		33.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		58.27	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T25 anni - Post

E.G. Elev (m)	38.51	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	38.49	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.41	Flow Area (m2)		3.78	
E.G. Slope (m/m)	0.009889	Area (m2)		3.78	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	25.24	Top Width (m)		25.24	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	26.6	Conv. (m3/s)		26.6	
Length Wtd. (m)	33.70	Wetted Per. (m)		25.29	
Min Ch El (m)	38.14	Shear (N/m2)		14.52	
Alpha	1.00	Stream Power (N/m s)		10.17	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		8.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.60	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T50 anni - Post

E.G. Elev (m)	38.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	38.53	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.44	Flow Area (m2)		5.05	
E.G. Slope (m/m)	0.009994	Area (m2)		5.05	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	31.96	Top Width (m)		31.96	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	36.8	Conv. (m3/s)		36.8	
Length Wtd. (m)	33.70	Wetted Per. (m)		32.01	
Min Ch El (m)	38.14	Shear (N/m2)		16.45	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		11.27	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		10.16	
C & E Loss (m)	0.00	Cum SA (1000 m2)		41.67	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T100 anni - Post

E.G. Elev (m)	38.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	38.56	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.49	Flow Area (m2)		6.06	
E.G. Slope (m/m)	0.010073	Area (m2)		6.06	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	34.05	Top Width (m)		34.05	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	47.8	Conv. (m3/s)		47.8	
Length Wtd. (m)	33.70	Wetted Per. (m)		34.11	
Min Ch El (m)	38.14	Shear (N/m2)		17.54	
Alpha	1.00	Stream Power (N/m s)		13.90	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		18.94	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.17	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T200 anni - Post

E.G. Elev (m)	38.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	38.59	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.53	Flow Area (m2)		7.07	
E.G. Slope (m/m)	0.010159	Area (m2)		7.07	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	36.15	Top Width (m)		36.15	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	59.4	Conv. (m3/s)		59.4	
Length Wtd. (m)	33.70	Wetted Per. (m)		36.21	
Min Ch El (m)	38.14	Shear (N/m2)		19.44	
Alpha	1.00	Stream Power (N/m s)		16.48	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		32.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.93	

Plan: AnPo River 1 Reach 1 RS: 987 Profile: T500 anni - Post

E.G. Elev (m)	38.67	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	38.62	Reach Len. (m)	33.70	33.70	33.70
Crit W.S. (m)	38.55	Flow Area (m2)		8.35	
E.G. Slope (m/m)	0.010067	Area (m2)		8.35	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	37.87	Top Width (m)		37.87	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	76.1	Conv. (m3/s)		76.1	
Length Wtd. (m)	33.70	Wetted Per. (m)		37.93	
Min Ch El (m)	38.14	Shear (N/m2)		21.74	
Alpha	1.00	Stream Power (N/m s)		19.89	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		40.95	
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.08	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T25 anni - Ante

E.G. Elev (m)	37.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.88	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.88	Flow Area (m2)		1.89	
E.G. Slope (m/m)	0.034381	Area (m2)		1.89	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	18.91	Top Width (m)		18.91	
Vel Total (m/s)	1.00	Avg. Vel. (m/s)		1.00	
Max Chl Dpth (m)	0.20	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	10.1	Conv. (m3/s)		10.1	
Length Wtd. (m)	29.80	Wetted Per. (m)		18.94	
Min Ch El (m)	37.68	Shear (N/m2)		33.60	
Alpha	1.00	Stream Power (N/m s)		33.47	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		5.28	
C & E Loss (m)	0.01	Cum SA (1000 m2)		32.87	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T50 anni - Ante

E.G. Elev (m)	37.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	37.91	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.91	Flow Area (m2)		2.47	
E.G. Slope (m/m)	0.031538	Area (m2)		2.47	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	20.06	Top Width (m)		20.06	
Vel Total (m/s)	1.10	Avg. Vel. (m/s)		1.10	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	15.3	Conv. (m3/s)		15.3	
Length Wtd. (m)	29.80	Wetted Per. (m)		20.09	
Min Ch El (m)	37.68	Shear (N/m2)		38.01	
Alpha	1.00	Stream Power (N/m s)		41.72	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		6.78	
C & E Loss (m)	0.02	Cum SA (1000 m2)		36.22	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T100 anni - Ante

E.G. Elev (m)	38.01	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	37.94	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.94	Flow Area (m2)		3.12	
E.G. Slope (m/m)	0.029946	Area (m2)		3.12	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	22.41	Top Width (m)		22.41	
Vel Total (m/s)	1.16	Avg. Vel. (m/s)		1.16	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	21.0	Conv. (m3/s)		21.0	
Length Wtd. (m)	29.80	Wetted Per. (m)		22.44	
Min Ch El (m)	37.68	Shear (N/m2)		40.88	
Alpha	1.00	Stream Power (N/m s)		47.50	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		9.78	
C & E Loss (m)	0.02	Cum SA (1000 m2)		40.50	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T200 anni - Ante

E.G. Elev (m)	38.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	37.97	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.97	Flow Area (m2)		3.82	
E.G. Slope (m/m)	0.029237	Area (m2)		3.82	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T200 anni - Ante (Continued)

Top Width (m)	25.31	Top Width (m)		25.31	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.1	Conv. (m3/s)		27.1	
Length Wtd. (m)	29.80	Wetted Per. (m)		25.34	
Min Ch El (m)	37.68	Shear (N/m2)		43.25	
Alpha	1.00	Stream Power (N/m s)		52.39	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		16.55	
C & E Loss (m)	0.02	Cum SA (1000 m2)		48.33	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T500 anni - Ante

E.G. Elev (m)	38.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	38.00	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	38.00	Flow Area (m2)		4.68	
E.G. Slope (m/m)	0.025707	Area (m2)		4.68	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	27.90	Top Width (m)		27.90	
Vel Total (m/s)	1.29	Avg. Vel. (m/s)		1.29	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	35.5	Conv. (m3/s)		35.5	
Length Wtd. (m)	29.80	Wetted Per. (m)		27.94	
Min Ch El (m)	37.68	Shear (N/m2)		47.14	
Alpha	1.00	Stream Power (N/m s)		60.66	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		32.89	
C & E Loss (m)	0.02	Cum SA (1000 m2)		57.19	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T25 anni - Post

E.G. Elev (m)	37.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	37.90	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.90	Flow Area (m2)		2.45	
E.G. Slope (m/m)	0.030944	Area (m2)		2.45	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	20.03	Top Width (m)		20.03	
Vel Total (m/s)	1.08	Avg. Vel. (m/s)		1.08	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	15.1	Conv. (m3/s)		15.1	
Length Wtd. (m)	29.80	Wetted Per. (m)		20.06	
Min Ch El (m)	37.68	Shear (N/m2)		37.05	
Alpha	1.00	Stream Power (N/m s)		40.10	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		8.64	
C & E Loss (m)	0.02	Cum SA (1000 m2)		36.84	

Plan: AnPo River 1 Reach 1 RS: 963 Profile: T50 anni - Post

E.G. Elev (m)	38.01	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	37.94	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.94	Flow Area (m2)		3.14	
E.G. Slope (m/m)	0.030449	Area (m2)		3.14	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	22.61	Top Width (m)		22.61	
Vel Total (m/s)	1.17	Avg. Vel. (m/s)		1.17	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	21.1	Conv. (m3/s)		21.1	
Length Wtd. (m)	29.80	Wetted Per. (m)		22.64	
Min Ch El (m)	37.68	Shear (N/m2)		41.48	

Plan: AnPo River 1 Reach 1 RS: 953 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		48.54	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		10.02	
C & E Loss (m)	0.02	Cum SA (1000 m2)		40.75	

Plan: AnPo River 1 Reach 1 RS: 953 Profile: T100 anni - Post

E.G. Elev (m)	38.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	37.97	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	37.97	Flow Area (m2)		3.90	
E.G. Slope (m/m)	0.029025	Area (m2)		3.90	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	25.40	Top Width (m)		25.40	
Vel Total (m/s)	1.23	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.9	Conv. (m3/s)		27.9	
Length Wtd. (m)	29.80	Wetted Per. (m)		25.43	
Min Ch El (m)	37.68	Shear (N/m2)		44.40	
Alpha	1.00	Stream Power (N/m s)		54.65	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		18.77	
C & E Loss (m)	0.02	Cum SA (1000 m2)		50.17	

Plan: AnPo River 1 Reach 1 RS: 953 Profile: T200 anni - Post

E.G. Elev (m)	38.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	38.00	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	38.00	Flow Area (m2)		4.68	
E.G. Slope (m/m)	0.029673	Area (m2)		4.68	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	27.85	Top Width (m)		27.85	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)	29.80	Wetted Per. (m)		27.89	
Min Ch El (m)	37.68	Shear (N/m2)		47.01	
Alpha	1.00	Stream Power (N/m s)		60.39	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		32.35	
C & E Loss (m)	0.02	Cum SA (1000 m2)		56.85	

Plan: AnPo River 1 Reach 1 RS: 953 Profile: T500 anni - Post

E.G. Elev (m)	38.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	38.04	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	38.04	Flow Area (m2)		6.22	
E.G. Slope (m/m)	0.029265	Area (m2)		6.22	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	40.31	Top Width (m)		40.31	
Vel Total (m/s)	1.23	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	44.7	Conv. (m3/s)		44.7	
Length Wtd. (m)	29.80	Wetted Per. (m)		40.36	
Min Ch El (m)	37.68	Shear (N/m2)		44.20	
Alpha	1.00	Stream Power (N/m s)		54.32	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		40.71	
C & E Loss (m)	0.02	Cum SA (1000 m2)		65.76	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T25 anni - Ante

E.G. Elev (m)	37.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.80	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.64	Flow Area (m2)		11.72	
E.G. Slope (m/m)	0.000505	Area (m2)		11.72	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	76.85	Top Width (m)		76.85	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	83.6	Conv. (m3/s)		83.6	
Length Wtd. (m)	28.40	Wetted Per. (m)		76.91	
Min Ch El (m)	37.50	Shear (N/m2)		0.76	
Alpha	1.00	Stream Power (N/m s)		0.12	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		5.08	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.44	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T50 anni - Ante

E.G. Elev (m)	37.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.84	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.66	Flow Area (m2)		14.87	
E.G. Slope (m/m)	0.000500	Area (m2)		14.87	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	79.81	Top Width (m)		79.81	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	121.2	Conv. (m3/s)		121.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		79.87	
Min Ch El (m)	37.50	Shear (N/m2)		0.91	
Alpha	1.00	Stream Power (N/m s)		0.17	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		6.52	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.73	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T100 anni - Ante

E.G. Elev (m)	37.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.87	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.67	Flow Area (m2)		17.73	
E.G. Slope (m/m)	0.000508	Area (m2)		17.73	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	80.88	Top Width (m)		80.88	
Vel Total (m/s)	0.20	Avg. Vel. (m/s)		0.20	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	161.0	Conv. (m3/s)		161.0	
Length Wtd. (m)	28.40	Wetted Per. (m)		80.95	
Min Ch El (m)	37.50	Shear (N/m2)		1.09	
Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		9.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.96	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T200 anni - Ante

E.G. Elev (m)	37.90	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.90	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.69	Flow Area (m2)		19.97	
E.G. Slope (m/m)	0.000564	Area (m2)		19.97	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T200 anni - Ante (Continued)

Top Width (m)	81.71	Top Width (m)		81.71	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	195.0	Conv. (m3/s)		195.0	
Length Wtd. (m)	28.40	Wetted Per. (m)		81.78	
Min Ch El (m)	37.50	Shear (N/m2)		1.35	
Alpha	1.00	Stream Power (N/m s)		0.31	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		16.20	
C & E Loss (m)	0.01	Cum SA (1000 m2)		46.74	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T500 anni - Ante

E.G. Elev (m)	37.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.94	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.71	Flow Area (m2)		23.33	
E.G. Slope (m/m)	0.000583	Area (m2)		23.33	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	83.33	Top Width (m)		83.33	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	249.4	Conv. (m3/s)		249.4	
Length Wtd. (m)	28.40	Wetted Per. (m)		83.40	
Min Ch El (m)	37.50	Shear (N/m2)		1.60	
Alpha	1.00	Stream Power (N/m s)		0.41	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		32.48	
C & E Loss (m)	0.01	Cum SA (1000 m2)		55.54	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T25 anni - Post

E.G. Elev (m)	37.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.84	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.68	Flow Area (m2)		14.65	
E.G. Slope (m/m)	0.000502	Area (m2)		14.65	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	79.72	Top Width (m)		79.72	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	118.3	Conv. (m3/s)		118.3	
Length Wtd. (m)	28.40	Wetted Per. (m)		79.79	
Min Ch El (m)	37.50	Shear (N/m2)		0.90	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		8.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.35	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T50 anni - Post

E.G. Elev (m)	37.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.88	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.68	Flow Area (m2)		17.88	
E.G. Slope (m/m)	0.000508	Area (m2)		17.88	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	80.93	Top Width (m)		80.93	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	163.2	Conv. (m3/s)		163.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		81.00	
Min Ch El (m)	37.50	Shear (N/m2)		1.10	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.23	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		9.71	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.21	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T100 anni - Post

E.G. Elev (m)	37.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.97	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.69	Flow Area (m2)		26.22	
E.G. Slope (m/m)	0.000295	Area (m2)		26.22	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	85.35	Top Width (m)		85.35	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.47	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	279.6	Conv. (m3/s)		279.6	
Length Wtd. (m)	28.40	Wetted Per. (m)		85.42	
Min Ch El (m)	37.50	Shear (N/m2)		0.85	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		18.34	
C & E Loss (m)	0.00	Cum SA (1000 m2)		48.52	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T200 anni - Post

E.G. Elev (m)	37.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.94	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.71	Flow Area (m2)		23.26	
E.G. Slope (m/m)	0.000582	Area (m2)		23.26	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	83.30	Top Width (m)		83.30	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	248.3	Conv. (m3/s)		248.3	
Length Wtd. (m)	28.40	Wetted Per. (m)		83.37	
Min Ch El (m)	37.50	Shear (N/m2)		1.59	
Alpha	1.00	Stream Power (N/m s)		0.41	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		31.94	
C & E Loss (m)	0.01	Cum SA (1000 m2)		55.19	

Plan: AnPo River 1 Reach 1 RS: 923 Profile: T500 anni - Post

E.G. Elev (m)	37.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.96	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	37.74	Flow Area (m2)		26.19	
E.G. Slope (m/m)	0.000663	Area (m2)		26.19	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	85.80	Top Width (m)		85.80	
Vel Total (m/s)	0.29	Avg. Vel. (m/s)		0.29	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	296.7	Conv. (m3/s)		296.7	
Length Wtd. (m)	28.40	Wetted Per. (m)		85.87	
Min Ch El (m)	37.50	Shear (N/m2)		1.98	
Alpha	1.00	Stream Power (N/m s)		0.58	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		40.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		63.88	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T25 anni - Ante

E.G. Elev (m)	37.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	37.74	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.70	Flow Area (m2)		2.82	
E.G. Slope (m/m)	0.013087	Area (m2)		2.82	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	25.12	Top Width (m)		25.12	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	16.4	Conv. (m3/s)		16.4	
Length Wtd. (m)	30.00	Wetted Per. (m)		25.16	
Min Ch El (m)	37.47	Shear (N/m2)		14.41	
Alpha	1.00	Stream Power (N/m s)		9.59	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		4.67	
C & E Loss (m)	0.00	Cum SA (1000 m2)		29.99	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T50 anni - Ante

E.G. Elev (m)	37.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.77	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.73	Flow Area (m2)		3.86	
E.G. Slope (m/m)	0.011445	Area (m2)		3.86	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	28.37	Top Width (m)		28.37	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	25.3	Conv. (m3/s)		25.3	
Length Wtd. (m)	30.00	Wetted Per. (m)		28.43	
Min Ch El (m)	37.47	Shear (N/m2)		15.18	
Alpha	1.00	Stream Power (N/m s)		10.70	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		6.25	
C & E Loss (m)	0.00	Cum SA (1000 m2)		33.19	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T100 anni - Ante

E.G. Elev (m)	37.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.81	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.75	Flow Area (m2)		4.80	
E.G. Slope (m/m)	0.010325	Area (m2)		4.80	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	29.52	Top Width (m)		29.52	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	35.7	Conv. (m3/s)		35.7	
Length Wtd. (m)	30.00	Wetted Per. (m)		29.58	
Min Ch El (m)	37.47	Shear (N/m2)		16.44	
Alpha	1.00	Stream Power (N/m s)		12.42	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		9.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.40	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T200 anni - Ante

E.G. Elev (m)	37.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	37.78	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.78	Flow Area (m2)		3.98	
E.G. Slope (m/m)	0.028643	Area (m2)		3.98	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T200 anni - Ante (Continued)

Top Width (m)	28.52	Top Width (m)		28.52	
Vel Total (m/s)	1.16	Avg. Vel. (m/s)		1.16	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	26.6	Conv. (m3/s)		26.6	
Length Wtd. (m)	30.00	Wetted Per. (m)		28.58	
Min Ch El (m)	37.47	Shear (N/m2)		40.91	
Alpha	1.00	Stream Power (N/m s)		47.57	
Frctn Loss (m)	0.15	Cum Volume (1000 m3)		15.86	
C & E Loss (m)	0.02	Cum SA (1000 m2)		45.16	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T500 anni - Ante

E.G. Elev (m)	37.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	37.81	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.81	Flow Area (m2)		4.76	
E.G. Slope (m/m)	0.029156	Area (m2)		4.76	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	29.47	Top Width (m)		29.47	
Vel Total (m/s)	1.26	Avg. Vel. (m/s)		1.26	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	35.3	Conv. (m3/s)		35.3	
Length Wtd. (m)		Wetted Per. (m)		29.53	
Min Ch El (m)	37.47	Shear (N/m2)		46.09	
Alpha	1.00	Stream Power (N/m s)		58.28	
Frctn Loss (m)		Cum Volume (1000 m3)		32.08	
C & E Loss (m)		Cum SA (1000 m2)		53.93	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T25 anni - Post

E.G. Elev (m)	37.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.77	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.73	Flow Area (m2)		3.75	
E.G. Slope (m/m)	0.011809	Area (m2)		3.75	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	28.26	Top Width (m)		28.26	
Vel Total (m/s)	0.71	Avg. Vel. (m/s)		0.71	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	24.4	Conv. (m3/s)		24.4	
Length Wtd. (m)	30.00	Wetted Per. (m)		28.32	
Min Ch El (m)	37.47	Shear (N/m2)		15.35	
Alpha	1.00	Stream Power (N/m s)		10.84	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		6.12	
C & E Loss (m)	0.00	Cum SA (1000 m2)		32.82	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T50 anni - Post

E.G. Elev (m)	37.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.81	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.76	Flow Area (m2)		4.85	
E.G. Slope (m/m)	0.010307	Area (m2)		4.85	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	29.57	Top Width (m)		29.57	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	36.2	Conv. (m3/s)		36.2	
Length Wtd. (m)	30.00	Wetted Per. (m)		29.64	
Min Ch El (m)	37.47	Shear (N/m2)		16.53	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		12.55	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		9.39	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.64	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T100 anni - Post

E.G. Elev (m)	37.98	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.98	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.78	Flow Area (m2)		28.73	
E.G. Slope (m/m)	0.000221	Area (m2)		28.73	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	95.09	Top Width (m)		95.09	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	323.1	Conv. (m3/s)		323.1	
Length Wtd. (m)	30.00	Wetted Per. (m)		95.20	
Min Ch El (m)	37.47	Shear (N/m2)		0.65	
Alpha	1.00	Stream Power (N/m s)		0.11	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		17.57	
C & E Loss (m)	0.01	Cum SA (1000 m2)		45.96	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T200 anni - Post

E.G. Elev (m)	37.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.81	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.81	Flow Area (m2)		4.74	
E.G. Slope (m/m)	0.029343	Area (m2)		4.74	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	29.44	Top Width (m)		29.44	
Vel Total (m/s)	1.26	Avg. Vel. (m/s)		1.26	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	35.0	Conv. (m3/s)		35.0	
Length Wtd. (m)		Wetted Per. (m)		29.50	
Min Ch El (m)	37.47	Shear (N/m2)		46.19	
Alpha	1.00	Stream Power (N/m s)		58.42	
Frctn Loss (m)		Cum Volume (1000 m3)		31.54	
C & E Loss (m)		Cum SA (1000 m2)		53.59	

Plan: AnPo River 1 Reach 1 RS: 895 Profile: T500 anni - Post

E.G. Elev (m)	37.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	37.96	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)	37.84	Flow Area (m2)		28.89	
E.G. Slope (m/m)	0.000550	Area (m2)		28.89	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	95.18	Top Width (m)		95.18	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	325.9	Conv. (m3/s)		325.9	
Length Wtd. (m)	30.00	Wetted Per. (m)		95.29	
Min Ch El (m)	37.47	Shear (N/m2)		1.63	
Alpha	1.00	Stream Power (N/m s)		0.43	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		39.44	
C & E Loss (m)	0.00	Cum SA (1000 m2)		61.31	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T25 anni - Ante

E.G. Elev (m)	37.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.53	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.45	Flow Area (m2)		4.02	
E.G. Slope (m/m)	0.004573	Area (m2)		4.02	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	27.56	Top Width (m)		27.56	
Vel Total (m/s)	0.47	Avg. Vel. (m/s)		0.47	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.8	Conv. (m3/s)		27.8	
Length Wtd. (m)	29.30	Wetted Per. (m)		27.57	
Min Ch El (m)	37.29	Shear (N/m2)		6.53	
Alpha	1.00	Stream Power (N/m s)		3.06	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		4.77	
C & E Loss (m)	0.00	Cum SA (1000 m2)		29.20	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T50 anni - Ante

E.G. Elev (m)	37.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	37.56	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.48	Flow Area (m2)		4.99	
E.G. Slope (m/m)	0.005047	Area (m2)		4.99	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	29.53	Top Width (m)		29.53	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	38.1	Conv. (m3/s)		38.1	
Length Wtd. (m)	29.30	Wetted Per. (m)		29.54	
Min Ch El (m)	37.29	Shear (N/m2)		8.36	
Alpha	1.00	Stream Power (N/m s)		4.54	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		6.12	
C & E Loss (m)	0.00	Cum SA (1000 m2)		32.32	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T100 anni - Ante

E.G. Elev (m)	37.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	37.60	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.50	Flow Area (m2)		6.10	
E.G. Slope (m/m)	0.005382	Area (m2)		6.10	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	32.98	Top Width (m)		32.98	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	49.5	Conv. (m3/s)		49.5	
Length Wtd. (m)	29.30	Wetted Per. (m)		33.00	
Min Ch El (m)	37.29	Shear (N/m2)		9.76	
Alpha	1.00	Stream Power (N/m s)		5.81	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		8.98	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.46	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T200 anni - Ante

E.G. Elev (m)	37.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.66	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.53	Flow Area (m2)		12.94	
E.G. Slope (m/m)	0.001924	Area (m2)		12.94	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T200 anni - Ante (Continued)

Top Width (m)	69.41	Top Width (m)		69.41	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	105.6	Conv. (m3/s)		105.6	
Length Wtd. (m)	29.30	Wetted Per. (m)		69.47	
Min Ch El (m)	37.29	Shear (N/m2)		3.52	
Alpha	1.00	Stream Power (N/m s)		1.26	
Frctn Loss (m)	0.36	Cum Volume (1000 m3)		15.60	
C & E Loss (m)	0.00	Cum SA (1000 m2)		43.71	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T500 anni - Ante

E.G. Elev (m)	37.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.60	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.55	Flow Area (m2)		6.29	
E.G. Slope (m/m)	0.013673	Area (m2)		6.29	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	33.43	Top Width (m)		33.43	
Vel Total (m/s)	0.96	Avg. Vel. (m/s)		0.96	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	51.7	Conv. (m3/s)		51.7	
Length Wtd. (m)	29.30	Wetted Per. (m)		33.45	
Min Ch El (m)	37.29	Shear (N/m2)		25.06	
Alpha	1.00	Stream Power (N/m s)		23.96	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		31.91	
C & E Loss (m)	0.01	Cum SA (1000 m2)		52.99	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T25 anni - Post

E.G. Elev (m)	37.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.56	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.47	Flow Area (m2)		4.90	
E.G. Slope (m/m)	0.004942	Area (m2)		4.90	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	28.67	Top Width (m)		28.67	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	37.7	Conv. (m3/s)		37.7	
Length Wtd. (m)	29.30	Wetted Per. (m)		28.69	
Min Ch El (m)	37.29	Shear (N/m2)		8.28	
Alpha	1.00	Stream Power (N/m s)		4.48	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		5.99	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.97	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T50 anni - Post

E.G. Elev (m)	37.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	37.60	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.50	Flow Area (m2)		6.16	
E.G. Slope (m/m)	0.005378	Area (m2)		6.16	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	33.13	Top Width (m)		33.13	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	50.2	Conv. (m3/s)		50.2	
Length Wtd. (m)	29.30	Wetted Per. (m)		33.14	
Min Ch El (m)	37.29	Shear (N/m2)		9.60	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		5.86	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		9.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.70	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T100 anni - Post

E.G. Elev (m)	37.60	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	37.53	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.53	Flow Area (m2)		4.00	
E.G. Slope (m/m)	0.000242	Area (m2)		4.00	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	27.53	Top Width (m)		27.53	
Vel Total (m/s)	1.20	Avg. Vel. (m/s)		1.20	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.6	Conv. (m3/s)		27.6	
Length Wtd. (m)		Wetted Per. (m)		27.55	
Min Ch El (m)	37.29	Shear (N/m2)		43.04	
Alpha	1.00	Stream Power (N/m s)		51.68	
Frctn Loss (m)		Cum Volume (1000 m3)		17.08	
C & E Loss (m)		Cum SA (1000 m2)		44.12	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T200 anni - Post

E.G. Elev (m)	37.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.60	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.55	Flow Area (m2)		6.26	
E.G. Slope (m/m)	0.013650	Area (m2)		6.26	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	33.35	Top Width (m)		33.35	
Vel Total (m/s)	0.96	Avg. Vel. (m/s)		0.96	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	51.3	Conv. (m3/s)		51.3	
Length Wtd. (m)	29.30	Wetted Per. (m)		33.37	
Min Ch El (m)	37.29	Shear (N/m2)		25.11	
Alpha	1.00	Stream Power (N/m s)		24.03	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		31.37	
C & E Loss (m)	0.01	Cum SA (1000 m2)		52.65	

Plan: AnPo River 1 Reach 1 RS: 885 Profile: T500 anni - Post

E.G. Elev (m)	37.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.63	Reach Len. (m)	29.30	29.30	29.30
Crit W.S. (m)	37.59	Flow Area (m2)		10.85	
E.G. Slope (m/m)	0.006824	Area (m2)		10.85	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	66.00	Top Width (m)		66.00	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	81.3	Conv. (m3/s)		81.3	
Length Wtd. (m)	29.30	Wetted Per. (m)		66.05	
Min Ch El (m)	37.29	Shear (N/m2)		14.21	
Alpha	1.00	Stream Power (N/m s)		10.01	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		38.84	
C & E Loss (m)	0.00	Cum SA (1000 m2)		58.89	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T25 anni - Ante

E.G. Elev (m)	37.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.21	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.21	Flow Area (m2)		2.37	
E.G. Slope (m/m)	0.038072	Area (m2)		2.37	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	36.16	Top Width (m)		36.16	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.15	Hydr. Depth (m)		0.07	
Conv. Total (m3/s)	9.6	Conv. (m3/s)		9.6	
Length Wtd. (m)	28.70	Wetted Per. (m)		36.20	
Min Ch El (m)	37.06	Shear (N/m2)		24.46	
Alpha	1.00	Stream Power (N/m s)		19.39	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		4.67	
C & E Loss (m)	0.01	Cum SA (1000 m2)		28.27	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T50 anni - Ante

E.G. Elev (m)	37.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	37.23	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.22	Flow Area (m2)		3.10	
E.G. Slope (m/m)	0.034701	Area (m2)		3.10	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	36.06	Top Width (m)		36.06	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.17	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	14.5	Conv. (m3/s)		14.5	
Length Wtd. (m)	28.70	Wetted Per. (m)		38.12	
Min Ch El (m)	37.06	Shear (N/m2)		27.68	
Alpha	1.00	Stream Power (N/m s)		24.19	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		6.00	
C & E Loss (m)	0.01	Cum SA (1000 m2)		31.33	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T100 anni - Ante

E.G. Elev (m)	37.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.24	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.24	Flow Area (m2)		3.82	
E.G. Slope (m/m)	0.033103	Area (m2)		3.82	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	39.87	Top Width (m)		39.87	
Vel Total (m/s)	0.95	Avg. Vel. (m/s)		0.95	
Max Chl Dpth (m)	0.18	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	20.0	Conv. (m3/s)		20.0	
Length Wtd. (m)	28.70	Wetted Per. (m)		39.91	
Min Ch El (m)	37.06	Shear (N/m2)		31.04	
Alpha	1.00	Stream Power (N/m s)		29.52	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		8.84	
C & E Loss (m)	0.01	Cum SA (1000 m2)		35.39	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T200 anni - Ante

E.G. Elev (m)	37.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.26	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.26	Flow Area (m2)		4.57	
E.G. Slope (m/m)	0.034057	Area (m2)		4.57	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T200 anni - Ante (Continued)

Top Width (m)	44.35	Top Width (m)		44.35	
Vel Total (m/s)	1.01	Avg. Vel. (m/s)		1.01	
Max Chl Dpth (m)	0.20	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	25.1	Conv. (m3/s)		25.1	
Length Wtd. (m)	28.70	Wetted Per. (m)		44.39	
Min Ch El (m)	37.06	Shear (N/m2)		34.36	
Alpha	1.00	Stream Power (N/m s)		34.83	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		15.35	
C & E Loss (m)	0.01	Cum SA (1000 m2)		42.04	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T500 anni - Ante

E.G. Elev (m)	37.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	37.37	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.28	Flow Area (m2)		9.98	
E.G. Slope (m/m)	0.006057	Area (m2)		9.98	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	57.75	Top Width (m)		57.75	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	77.4	Conv. (m3/s)		77.4	
Length Wtd. (m)	28.70	Wetted Per. (m)		57.80	
Min Ch El (m)	37.06	Shear (N/m2)		10.25	
Alpha	1.00	Stream Power (N/m s)		6.19	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		31.67	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.68	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T25 anni - Post

E.G. Elev (m)	37.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	37.23	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.22	Flow Area (m2)		3.05	
E.G. Slope (m/m)	0.034744	Area (m2)		3.05	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	37.96	Top Width (m)		37.96	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.16	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	14.2	Conv. (m3/s)		14.2	
Length Wtd. (m)	28.70	Wetted Per. (m)		38.00	
Min Ch El (m)	37.06	Shear (N/m2)		27.38	
Alpha	1.00	Stream Power (N/m s)		23.76	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		5.88	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.99	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T50 anni - Post

E.G. Elev (m)	37.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.24	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.24	Flow Area (m2)		3.83	
E.G. Slope (m/m)	0.033622	Area (m2)		3.83	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	39.91	Top Width (m)		39.91	
Vel Total (m/s)	0.96	Avg. Vel. (m/s)		0.96	
Max Chl Dpth (m)	0.18	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	20.1	Conv. (m3/s)		20.1	
Length Wtd. (m)	28.70	Wetted Per. (m)		39.95	
Min Ch El (m)	37.06	Shear (N/m2)		31.62	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		30.37	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		9.07	
C & E Loss (m)	0.01	Cum SA (1000 m2)		35.63	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T100 anni - Post

E.G. Elev (m)	37.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	37.27	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.27	Flow Area (m2)		4.69	
E.G. Slope (m/m)	0.004165	Area (m2)		4.69	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	44.84	Top Width (m)		44.84	
Vel Total (m/s)	1.02	Avg. Vel. (m/s)		1.02	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	26.0	Conv. (m3/s)		26.0	
Length Wtd. (m)	28.70	Wetted Per. (m)		44.89	
Min Ch El (m)	37.06	Shear (N/m2)		34.97	
Alpha	1.00	Stream Power (N/m s)		35.83	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		16.96	
C & E Loss (m)	0.01	Cum SA (1000 m2)		43.06	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T200 anni - Post

E.G. Elev (m)	37.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	37.37	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	37.28	Flow Area (m2)		9.98	
E.G. Slope (m/m)	0.006000	Area (m2)		9.98	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	57.74	Top Width (m)		57.74	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	77.3	Conv. (m3/s)		77.3	
Length Wtd. (m)	28.70	Wetted Per. (m)		57.80	
Min Ch El (m)	37.06	Shear (N/m2)		10.16	
Alpha	1.00	Stream Power (N/m s)		6.10	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		31.14	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.32	

Plan: AnPo River 1 Reach 1 RS: 835 Profile: T500 anni - Post

E.G. Elev (m)	37.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	37.38	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)		Flow Area (m2)		10.75	
E.G. Slope (m/m)	0.007825	Area (m2)		10.75	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	58.95	Top Width (m)		58.95	
Vel Total (m/s)	0.71	Avg. Vel. (m/s)		0.71	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	86.4	Conv. (m3/s)		86.4	
Length Wtd. (m)	28.70	Wetted Per. (m)		59.00	
Min Ch El (m)	37.06	Shear (N/m2)		13.98	
Alpha	1.00	Stream Power (N/m s)		9.94	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		38.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.06	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T25 anni - Ante

E.G. Elev (m)	37.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.99	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		5.48	
E.G. Slope (m/m)	0.003408	Area (m2)		5.48	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	47.94	Top Width (m)		47.94	
Vel Total (m/s)	0.34	Avg. Vel. (m/s)		0.34	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	32.2	Conv. (m3/s)		32.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		47.98	
Min Ch El (m)	36.77	Shear (N/m2)		3.81	
Alpha	1.00	Stream Power (N/m s)		1.31	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		4.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		27.06	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T50 anni - Ante

E.G. Elev (m)	37.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.02	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		7.14	
E.G. Slope (m/m)	0.003348	Area (m2)		7.14	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	53.12	Top Width (m)		53.12	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	46.9	Conv. (m3/s)		46.9	
Length Wtd. (m)	30.20	Wetted Per. (m)		53.17	
Min Ch El (m)	36.77	Shear (N/m2)		4.41	
Alpha	1.00	Stream Power (N/m s)		1.67	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		5.86	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.02	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T100 anni - Ante

E.G. Elev (m)	37.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.06	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		8.83	
E.G. Slope (m/m)	0.003176	Area (m2)		8.83	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	55.98	Top Width (m)		55.98	
Vel Total (m/s)	0.41	Avg. Vel. (m/s)		0.41	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	64.4	Conv. (m3/s)		64.4	
Length Wtd. (m)	30.20	Wetted Per. (m)		56.03	
Min Ch El (m)	36.77	Shear (N/m2)		4.91	
Alpha	1.00	Stream Power (N/m s)		2.02	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		8.66	
C & E Loss (m)	0.01	Cum SA (1000 m2)		34.02	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T200 anni - Ante

E.G. Elev (m)	37.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.08	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		10.49	
E.G. Slope (m/m)	0.003046	Area (m2)		10.49	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T200 anni - Ante (Continued)

Top Width (m)	57.99	Top Width (m)		57.99	
Vel Total (m/s)	0.44	Avg. Vel. (m/s)		0.44	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	83.9	Conv. (m3/s)		83.9	
Length Wtd. (m)	30.20	Wetted Per. (m)		58.04	
Min Ch El (m)	36.77	Shear (N/m2)		5.40	
Alpha	1.00	Stream Power (N/m s)		2.38	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		15.13	
C & E Loss (m)	0.01	Cum SA (1000 m2)		40.57	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T500 anni - Ante

E.G. Elev (m)	37.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	37.00	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	37.00	Flow Area (m2)		5.79	
E.G. Slope (m/m)	0.029648	Area (m2)		5.79	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	48.78	Top Width (m)		48.78	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	35.0	Conv. (m3/s)		35.0	
Length Wtd. (m)	30.20	Wetted Per. (m)		48.83	
Min Ch El (m)	36.77	Shear (N/m2)		34.49	
Alpha	1.00	Stream Power (N/m s)		35.84	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		31.45	
C & E Loss (m)	0.01	Cum SA (1000 m2)		50.13	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T25 anni - Post

E.G. Elev (m)	37.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.02	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		7.03	
E.G. Slope (m/m)	0.003357	Area (m2)		7.03	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	52.93	Top Width (m)		52.93	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	45.7	Conv. (m3/s)		45.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		52.98	
Min Ch El (m)	36.77	Shear (N/m2)		4.37	
Alpha	1.00	Stream Power (N/m s)		1.65	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		5.73	
C & E Loss (m)	0.01	Cum SA (1000 m2)		29.69	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T50 anni - Post

E.G. Elev (m)	37.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.06	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		8.90	
E.G. Slope (m/m)	0.003195	Area (m2)		8.90	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	56.24	Top Width (m)		56.24	
Vel Total (m/s)	0.41	Avg. Vel. (m/s)		0.41	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	65.1	Conv. (m3/s)		65.1	
Length Wtd. (m)	30.20	Wetted Per. (m)		56.29	
Min Ch El (m)	36.77	Shear (N/m2)		4.96	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		2.05	
Frctn Loss (m)	0.22	Cum Volume (1000 m3)		8.89	
C & E Loss (m)	0.01	Cum SA (1000 m2)		34.25	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T100 anni - Post

E.G. Elev (m)	37.10	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	37.09	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	36.66	Flow Area (m2)		10.77	
E.G. Slope (m/m)	0.003017	Area (m2)		10.77	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	58.21	Top Width (m)		58.21	
Vel Total (m/s)	0.45	Avg. Vel. (m/s)		0.45	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	87.4	Conv. (m3/s)		87.4	
Length Wtd. (m)	30.20	Wetted Per. (m)		58.27	
Min Ch El (m)	36.77	Shear (N/m2)		5.47	
Alpha	1.00	Stream Power (N/m s)		2.44	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		16.73	
C & E Loss (m)	0.01	Cum SA (1000 m2)		41.58	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T200 anni - Post

E.G. Elev (m)	37.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	37.00	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	36.99	Flow Area (m2)		5.73	
E.G. Slope (m/m)	0.030243	Area (m2)		5.73	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	48.63	Top Width (m)		48.63	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	34.4	Conv. (m3/s)		34.4	
Length Wtd. (m)	30.20	Wetted Per. (m)		48.67	
Min Ch El (m)	36.77	Shear (N/m2)		34.94	
Alpha	1.00	Stream Power (N/m s)		36.50	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		30.91	
C & E Loss (m)	0.01	Cum SA (1000 m2)		49.79	

Plan: AnPo River 1 Reach 1 RS: 807 Profile: T500 anni - Post

E.G. Elev (m)	37.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	37.05	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		8.38	
E.G. Slope (m/m)	0.016220	Area (m2)		8.38	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	54.70	Top Width (m)		54.70	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	60.0	Conv. (m3/s)		60.0	
Length Wtd. (m)	30.20	Wetted Per. (m)		54.75	
Min Ch El (m)	36.77	Shear (N/m2)		24.36	
Alpha	1.00	Stream Power (N/m s)		22.20	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		38.25	
C & E Loss (m)	0.01	Cum SA (1000 m2)		55.43	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T25 anni - Ante

E.G. Elev (m)	36.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	36.70	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.70	Flow Area (m2)		1.84	
E.G. Slope (m/m)	0.033828	Area (m2)		1.84	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	17.49	Top Width (m)		17.49	
Vel Total (m/s)	1.02	Avg. Vel. (m/s)		1.02	
Max Chl Dpth (m)	0.19	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	10.3	Conv. (m3/s)		10.3	
Length Wtd. (m)	31.30	Wetted Per. (m)		17.51	
Min Ch El (m)	36.51	Shear (N/m2)		34.67	
Alpha	1.00	Stream Power (N/m s)		35.41	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		4.45	
C & E Loss (m)	0.01	Cum SA (1000 m2)		28.07	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T50 anni - Ante

E.G. Elev (m)	36.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	36.73	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.73	Flow Area (m2)		2.42	
E.G. Slope (m/m)	0.031108	Area (m2)		2.42	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	18.80	Top Width (m)		18.80	
Vel Total (m/s)	1.12	Avg. Vel. (m/s)		1.12	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	15.4	Conv. (m3/s)		15.4	
Length Wtd. (m)	31.30	Wetted Per. (m)		18.82	
Min Ch El (m)	36.51	Shear (N/m2)		39.15	
Alpha	1.00	Stream Power (N/m s)		43.92	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		5.71	
C & E Loss (m)	0.02	Cum SA (1000 m2)		28.94	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T100 anni - Ante

E.G. Elev (m)	36.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.77	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.77	Flow Area (m2)		3.00	
E.G. Slope (m/m)	0.030038	Area (m2)		3.00	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	20.35	Top Width (m)		20.35	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	20.9	Conv. (m3/s)		20.9	
Length Wtd. (m)	31.30	Wetted Per. (m)		20.38	
Min Ch El (m)	36.51	Shear (N/m2)		43.41	
Alpha	1.00	Stream Power (N/m s)		52.47	
Frctn Loss (m)	0.12	Cum Volume (1000 m3)		8.48	
C & E Loss (m)	0.02	Cum SA (1000 m2)		32.66	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T200 anni - Ante

E.G. Elev (m)	36.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	36.80	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.80	Flow Area (m2)		3.77	
E.G. Slope (m/m)	0.028736	Area (m2)		3.77	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T200 anni - Ante (Continued)

Top Width (m)	24.22	Top Width (m)		24.22	
Vel Total (m/s)	1.23	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	27.3	Conv. (m3/s)		27.3	
Length Wtd. (m)	31.30	Wetted Per. (m)		24.26	
Min Ch El (m)	36.51	Shear (N/m2)		43.89	
Alpha	1.00	Stream Power (N/m s)		53.83	
Frctn Loss (m)	0.12	Cum Volume (1000 m3)		14.90	
C & E Loss (m)	0.02	Cum SA (1000 m2)		39.33	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T500 anni - Ante

E.G. Elev (m)	36.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.83	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.83	Flow Area (m2)		13.54	
E.G. Slope (m/m)	0.002855	Area (m2)		13.54	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	70.40	Top Width (m)		70.40	
Vel Total (m/s)	0.44	Avg. Vel. (m/s)		0.44	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	112.7	Conv. (m3/s)		112.7	
Length Wtd. (m)	31.30	Wetted Per. (m)		70.46	
Min Ch El (m)	36.51	Shear (N/m2)		5.38	
Alpha	1.00	Stream Power (N/m s)		2.39	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		31.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		48.33	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T25 anni - Post

E.G. Elev (m)	36.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	36.73	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.73	Flow Area (m2)		2.37	
E.G. Slope (m/m)	0.031504	Area (m2)		2.37	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	18.70	Top Width (m)		18.70	
Vel Total (m/s)	1.12	Avg. Vel. (m/s)		1.12	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	14.9	Conv. (m3/s)		14.9	
Length Wtd. (m)	31.30	Wetted Per. (m)		18.72	
Min Ch El (m)	36.51	Shear (N/m2)		39.10	
Alpha	1.00	Stream Power (N/m s)		43.73	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		5.59	
C & E Loss (m)	0.02	Cum SA (1000 m2)		38.61	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T50 anni - Post

E.G. Elev (m)	36.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.77	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.77	Flow Area (m2)		3.06	
E.G. Slope (m/m)	0.029556	Area (m2)		3.06	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	20.55	Top Width (m)		20.55	
Vel Total (m/s)	1.20	Avg. Vel. (m/s)		1.20	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	21.4	Conv. (m3/s)		21.4	
Length Wtd. (m)	31.30	Wetted Per. (m)		20.58	
Min Ch El (m)	36.51	Shear (N/m2)		43.01	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		51.82	
Frctn Loss (m)	0.12	Cum Volume (1000 m3)		8.71	
C & E Loss (m)	0.02	Cum SA (1000 m2)		33.09	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T100 anni - Post

E.G. Elev (m)	36.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	36.80	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.80	Flow Area (m2)		3.86	
E.G. Slope (m/m)	0.029161	Area (m2)		3.86	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	24.37	Top Width (m)		24.37	
Vel Total (m/s)	1.25	Avg. Vel. (m/s)		1.25	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	28.1	Conv. (m3/s)		28.1	
Length Wtd. (m)	31.30	Wetted Per. (m)		24.40	
Min Ch El (m)	36.51	Shear (N/m2)		45.12	
Alpha	1.00	Stream Power (N/m s)		56.25	
Frctn Loss (m)	0.12	Cum Volume (1000 m3)		16.51	
C & E Loss (m)	0.02	Cum SA (1000 m2)		40.33	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T200 anni - Post

E.G. Elev (m)	36.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.83	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.83	Flow Area (m2)		13.54	
E.G. Slope (m/m)	0.002827	Area (m2)		13.54	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	70.40	Top Width (m)		70.40	
Vel Total (m/s)	0.44	Avg. Vel. (m/s)		0.44	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	112.7	Conv. (m3/s)		112.7	
Length Wtd. (m)	31.30	Wetted Per. (m)		70.46	
Min Ch El (m)	36.51	Shear (N/m2)		5.33	
Alpha	1.00	Stream Power (N/m s)		2.36	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		30.62	
C & E Loss (m)	0.00	Cum SA (1000 m2)		47.99	

Plan: AnPo River 1 Reach 1 RS: 777 Profile: T500 anni - Post

E.G. Elev (m)	36.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.83	Reach Len. (m)	31.30	31.30	31.30
Crit W.S. (m)	36.83	Flow Area (m2)		13.53	
E.G. Slope (m/m)	0.004602	Area (m2)		13.53	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	70.39	Top Width (m)		70.39	
Vel Total (m/s)	0.56	Avg. Vel. (m/s)		0.56	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	112.6	Conv. (m3/s)		112.6	
Length Wtd. (m)	31.30	Wetted Per. (m)		70.45	
Min Ch El (m)	36.51	Shear (N/m2)		8.67	
Alpha	1.00	Stream Power (N/m s)		4.89	
Frctn Loss (m)	0.16	Cum Volume (1000 m3)		37.92	
C & E Loss (m)	0.00	Cum SA (1000 m2)		53.54	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T25 anni - Ante

E.G. Elev (m)	36.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.50	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.40	Flow Area (m2)		7.26	
E.G. Slope (m/m)	0.001484	Area (m2)		7.26	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	52.39	Top Width (m)		52.39	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	48.6	Conv. (m3/s)		48.6	
Length Wtd. (m)	23.60	Wetted Per. (m)		52.42	
Min Ch El (m)	36.25	Shear (N/m2)		2.03	
Alpha	1.00	Stream Power (N/m s)		0.53	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.31	
C & E Loss (m)	0.00	Cum SA (1000 m2)		24.98	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T50 anni - Ante

E.G. Elev (m)	36.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.53	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.42	Flow Area (m2)		9.16	
E.G. Slope (m/m)	0.001488	Area (m2)		9.16	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	53.89	Top Width (m)		53.89	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	70.3	Conv. (m3/s)		70.3	
Length Wtd. (m)	23.60	Wetted Per. (m)		53.92	
Min Ch El (m)	36.25	Shear (N/m2)		2.48	
Alpha	1.00	Stream Power (N/m s)		0.73	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		5.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		27.80	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T100 anni - Ante

E.G. Elev (m)	36.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.57	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.43	Flow Area (m2)		11.14	
E.G. Slope (m/m)	0.001431	Area (m2)		11.14	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	55.08	Top Width (m)		55.08	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	96.0	Conv. (m3/s)		96.0	
Length Wtd. (m)	23.60	Wetted Per. (m)		55.11	
Min Ch El (m)	36.25	Shear (N/m2)		2.84	
Alpha	1.00	Stream Power (N/m s)		0.92	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		8.26	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.66	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T200 anni - Ante

E.G. Elev (m)	36.61	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.60	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.45	Flow Area (m2)		13.02	
E.G. Slope (m/m)	0.001466	Area (m2)		13.02	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T200 anni - Ante (Continued)

Top Width (m)	57.42	Top Width (m)		57.42	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	120.9	Conv. (m3/s)		120.9	
Length Wtd. (m)	23.60	Wetted Per. (m)		57.45	
Min Ch El (m)	36.25	Shear (N/m2)		3.26	
Alpha	1.00	Stream Power (N/m s)		1.16	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		14.65	
C & E Loss (m)	0.01	Cum SA (1000 m2)		38.05	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T500 anni - Ante

E.G. Elev (m)	36.68	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.65	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.47	Flow Area (m2)		15.64	
E.G. Slope (m/m)	0.001474	Area (m2)		15.64	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	61.56	Top Width (m)		61.56	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	156.8	Conv. (m3/s)		156.8	
Length Wtd. (m)	23.60	Wetted Per. (m)		61.59	
Min Ch El (m)	36.25	Shear (N/m2)		3.67	
Alpha	1.00	Stream Power (N/m s)		1.41	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		30.70	
C & E Loss (m)	0.01	Cum SA (1000 m2)		46.26	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T25 anni - Post

E.G. Elev (m)	36.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.53	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.42	Flow Area (m2)		9.03	
E.G. Slope (m/m)	0.001489	Area (m2)		9.03	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	53.82	Top Width (m)		53.82	
Vel Total (m/s)	0.29	Avg. Vel. (m/s)		0.29	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	68.7	Conv. (m3/s)		68.7	
Length Wtd. (m)	23.60	Wetted Per. (m)		53.84	
Min Ch El (m)	36.25	Shear (N/m2)		2.45	
Alpha	1.00	Stream Power (N/m s)		0.72	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		5.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		27.47	

Plan: AnPo River 1 Reach 1 RS: 745 Profile: T50 anni - Post

E.G. Elev (m)	36.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.57	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.44	Flow Area (m2)		11.25	
E.G. Slope (m/m)	0.001429	Area (m2)		11.25	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	55.15	Top Width (m)		55.15	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	97.4	Conv. (m3/s)		97.4	
Length Wtd. (m)	23.60	Wetted Per. (m)		55.18	
Min Ch El (m)	36.25	Shear (N/m2)		2.86	

Plan: AnPo River 1 Reach 1 RS: 748 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.93	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		8.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.91	

Plan: AnPo River 1 Reach 1 RS: 748 Profile: T100 anni - Post

E.G. Elev (m)	36.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.61	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.45	Flow Area (m2)		13.38	
E.G. Slope (m/m)	0.001461	Area (m2)		13.38	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	58.17	Top Width (m)		58.17	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	125.6	Conv. (m3/s)		125.6	
Length Wtd. (m)	23.60	Wetted Per. (m)		58.20	
Min Ch El (m)	36.25	Shear (N/m2)		3.29	
Alpha	1.00	Stream Power (N/m s)		1.18	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		16.24	
C & E Loss (m)	0.01	Cum SA (1000 m2)		39.04	

Plan: AnPo River 1 Reach 1 RS: 748 Profile: T200 anni - Post

E.G. Elev (m)	36.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.65	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.47	Flow Area (m2)		15.58	
E.G. Slope (m/m)	0.001474	Area (m2)		15.58	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	61.46	Top Width (m)		61.46	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	156.0	Conv. (m3/s)		156.0	
Length Wtd. (m)	23.60	Wetted Per. (m)		61.50	
Min Ch El (m)	36.25	Shear (N/m2)		3.66	
Alpha	1.00	Stream Power (N/m s)		1.41	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		30.16	
C & E Loss (m)	0.01	Cum SA (1000 m2)		45.93	

Plan: AnPo River 1 Reach 1 RS: 748 Profile: T500 anni - Post

E.G. Elev (m)	36.60	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.57	Reach Len. (m)	23.60	23.60	23.60
Crit W.S. (m)	36.49	Flow Area (m2)		11.35	
E.G. Slope (m/m)	0.005980	Area (m2)		11.35	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	55.21	Top Width (m)		55.21	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	98.8	Conv. (m3/s)		98.8	
Length Wtd. (m)	23.60	Wetted Per. (m)		55.24	
Min Ch El (m)	36.25	Shear (N/m2)		12.05	
Alpha	1.00	Stream Power (N/m s)		8.11	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		37.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.58	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T25 anni - Ante

E.G. Elev (m)	36.42	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.40	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.36	Flow Area (m2)		2.90	
E.G. Slope (m/m)	0.011809	Area (m2)		2.90	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	24.78	Top Width (m)		24.78	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	17.3	Conv. (m3/s)		17.3	
Length Wtd. (m)	35.60	Wetted Per. (m)		24.83	
Min Ch El (m)	36.08	Shear (N/m2)		13.51	
Alpha	1.00	Stream Power (N/m s)		8.77	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		4.19	
C & E Loss (m)	0.00	Cum SA (1000 m2)		24.07	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T50 anni - Ante

E.G. Elev (m)	36.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.44	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.39	Flow Area (m2)		3.82	
E.G. Slope (m/m)	0.010289	Area (m2)		3.82	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	25.68	Top Width (m)		25.68	
Vel Total (m/s)	0.71	Avg. Vel. (m/s)		0.71	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	26.7	Conv. (m3/s)		26.7	
Length Wtd. (m)	35.60	Wetted Per. (m)		25.74	
Min Ch El (m)	36.08	Shear (N/m2)		14.96	
Alpha	1.00	Stream Power (N/m s)		10.62	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		5.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		26.86	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T100 anni - Ante

E.G. Elev (m)	36.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.47	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.41	Flow Area (m2)		4.78	
E.G. Slope (m/m)	0.009302	Area (m2)		4.78	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	27.03	Top Width (m)		27.03	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	37.6	Conv. (m3/s)		37.6	
Length Wtd. (m)	35.60	Wetted Per. (m)		27.08	
Min Ch El (m)	36.08	Shear (N/m2)		16.11	
Alpha	1.00	Stream Power (N/m s)		12.23	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		8.07	
C & E Loss (m)	0.00	Cum SA (1000 m2)		30.71	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T200 anni - Ante

E.G. Elev (m)	36.51	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.44	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.44	Flow Area (m2)		3.84	
E.G. Slope (m/m)	0.029084	Area (m2)		3.84	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T200 anni - Ante (Continued)

Top Width (m)	25.71	Top Width (m)		25.71	
Vel Total (m/s)	1.20	Avg. Vel. (m/s)		1.20	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.0	Conv. (m3/s)		27.0	
Length Wtd. (m)		Wetted Per. (m)		25.78	
Min Ch El (m)	36.08	Shear (N/m2)		42.96	
Alpha	1.00	Stream Power (N/m s)		51.76	
Frctn Loss (m)		Cum Volume (1000 m3)		14.45	
C & E Loss (m)		Cum SA (1000 m2)		37.07	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T500 anni - Ante

E.G. Elev (m)	36.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	36.47	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.47	Flow Area (m2)		4.59	
E.G. Slope (m/m)	0.028980	Area (m2)		4.59	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	26.71	Top Width (m)		26.71	
Vel Total (m/s)	1.31	Avg. Vel. (m/s)		1.31	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)		Wetted Per. (m)		26.77	
Min Ch El (m)	36.08	Shear (N/m2)		48.68	
Alpha	1.00	Stream Power (N/m s)		63.91	
Frctn Loss (m)		Cum Volume (1000 m3)		30.46	
C & E Loss (m)		Cum SA (1000 m2)		45.22	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T25 anni - Post

E.G. Elev (m)	36.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.44	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.39	Flow Area (m2)		3.78	
E.G. Slope (m/m)	0.010093	Area (m2)		3.78	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	25.66	Top Width (m)		25.66	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	26.4	Conv. (m3/s)		26.4	
Length Wtd. (m)	35.60	Wetted Per. (m)		25.71	
Min Ch El (m)	36.08	Shear (N/m2)		14.57	
Alpha	1.00	Stream Power (N/m s)		10.20	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		5.26	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.53	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T50 anni - Post

E.G. Elev (m)	36.51	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.48	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.42	Flow Area (m2)		4.85	
E.G. Slope (m/m)	0.009187	Area (m2)		4.85	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	27.14	Top Width (m)		27.14	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	38.4	Conv. (m3/s)		38.4	
Length Wtd. (m)	35.60	Wetted Per. (m)		27.20	
Min Ch El (m)	36.08	Shear (N/m2)		16.06	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		12.19	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		8.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		30.93	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T100 anni - Post

E.G. Elev (m)	36.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	36.44	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.44	Flow Area (m2)		3.94	
E.G. Slope (m/m)	0.029302	Area (m2)		3.94	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	25.82	Top Width (m)		25.82	
Vel Total (m/s)	1.22	Avg. Vel. (m/s)		1.22	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	28.0	Conv. (m3/s)		28.0	
Length Wtd. (m)		Wetted Per. (m)		25.88	
Min Ch El (m)	36.08	Shear (N/m2)		43.71	
Alpha	1.00	Stream Power (N/m s)		53.30	
Frctn Loss (m)		Cum Volume (1000 m3)		16.04	
C & E Loss (m)		Cum SA (1000 m2)		38.06	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T200 anni - Post

E.G. Elev (m)	36.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	36.47	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.47	Flow Area (m2)		4.59	
E.G. Slope (m/m)	0.028682	Area (m2)		4.59	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	26.71	Top Width (m)		26.71	
Vel Total (m/s)	1.31	Avg. Vel. (m/s)		1.31	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)		Wetted Per. (m)		26.77	
Min Ch El (m)	36.08	Shear (N/m2)		48.20	
Alpha	1.00	Stream Power (N/m s)		62.96	
Frctn Loss (m)		Cum Volume (1000 m3)		29.93	
C & E Loss (m)		Cum SA (1000 m2)		44.89	

Plan: AnPo River 1 Reach 1 RS: 722 Profile: T500 anni - Post

E.G. Elev (m)	36.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.51	Reach Len. (m)	35.60	35.60	35.60
Crit W.S. (m)	36.46	Flow Area (m2)		19.22	
E.G. Slope (m/m)	0.001904	Area (m2)		19.22	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	87.24	Top Width (m)		87.24	
Vel Total (m/s)	0.40	Avg. Vel. (m/s)		0.40	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	175.1	Conv. (m3/s)		175.1	
Length Wtd. (m)	35.60	Wetted Per. (m)		87.34	
Min Ch El (m)	36.08	Shear (N/m2)		4.11	
Alpha	1.00	Stream Power (N/m s)		1.63	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		37.17	
C & E Loss (m)	0.01	Cum SA (1000 m2)		49.90	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T25 anni - Ante

E.G. Elev (m)	36.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.21	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.10	Flow Area (m2)		4.46	
E.G. Slope (m/m)	0.003388	Area (m2)		4.46	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	28.63	Top Width (m)		28.63	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	32.3	Conv. (m3/s)		32.3	
Length Wtd. (m)	28.70	Wetted Per. (m)		28.66	
Min Ch El (m)	35.79	Shear (N/m2)		5.17	
Alpha	1.00	Stream Power (N/m s)		2.18	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		4.06	
C & E Loss (m)	0.00	Cum SA (1000 m2)		23.12	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T50 anni - Ante

E.G. Elev (m)	36.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.24	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.13	Flow Area (m2)		5.52	
E.G. Slope (m/m)	0.003680	Area (m2)		5.52	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	30.01	Top Width (m)		30.01	
Vel Total (m/s)	0.49	Avg. Vel. (m/s)		0.49	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	44.6	Conv. (m3/s)		44.6	
Length Wtd. (m)	28.70	Wetted Per. (m)		30.04	
Min Ch El (m)	35.79	Shear (N/m2)		6.65	
Alpha	1.00	Stream Power (N/m s)		3.26	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		5.21	
C & E Loss (m)	0.00	Cum SA (1000 m2)		25.87	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T100 anni - Ante

E.G. Elev (m)	36.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.28	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.16	Flow Area (m2)		6.59	
E.G. Slope (m/m)	0.003943	Area (m2)		6.59	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	31.71	Top Width (m)		31.71	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	57.8	Conv. (m3/s)		57.8	
Length Wtd. (m)	28.70	Wetted Per. (m)		31.74	
Min Ch El (m)	35.79	Shear (N/m2)		8.03	
Alpha	1.00	Stream Power (N/m s)		4.42	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		7.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		29.67	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T200 anni - Ante

E.G. Elev (m)	36.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.19	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.19	Flow Area (m2)		3.82	
E.G. Slope (m/m)	0.030301	Area (m2)		3.82	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T200 anni - Ante (Continued)

Top Width (m)	26.00	Top Width (m)		26.00	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	26.6	Conv. (m3/s)		26.6	
Length Wtd. (m)		Wetted Per. (m)		26.03	
Min Ch El (m)	35.79	Shear (N/m2)		43.64	
Alpha	1.00	Stream Power (N/m s)		52.86	
Frctn Loss (m)		Cum Volume (1000 m3)		14.32	
C & E Loss (m)		Cum SA (1000 m2)		36.15	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T500 anni - Ante

E.G. Elev (m)	36.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	36.22	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.22	Flow Area (m2)		4.72	
E.G. Slope (m/m)	0.029224	Area (m2)		4.72	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	28.98	Top Width (m)		28.98	
Vel Total (m/s)	1.27	Avg. Vel. (m/s)		1.27	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	35.2	Conv. (m3/s)		35.2	
Length Wtd. (m)		Wetted Per. (m)		29.01	
Min Ch El (m)	35.79	Shear (N/m2)		46.67	
Alpha	1.00	Stream Power (N/m s)		59.48	
Frctn Loss (m)		Cum Volume (1000 m3)		30.29	
C & E Loss (m)		Cum SA (1000 m2)		44.23	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T25 anni - Post

E.G. Elev (m)	36.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.24	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.13	Flow Area (m2)		5.46	
E.G. Slope (m/m)	0.003639	Area (m2)		5.46	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	29.94	Top Width (m)		29.94	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	43.9	Conv. (m3/s)		43.9	
Length Wtd. (m)	28.70	Wetted Per. (m)		29.97	
Min Ch El (m)	35.79	Shear (N/m2)		6.51	
Alpha	1.00	Stream Power (N/m s)		3.16	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		5.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		35.54	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T50 anni - Post

E.G. Elev (m)	36.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.28	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.16	Flow Area (m2)		6.60	
E.G. Slope (m/m)	0.004049	Area (m2)		6.60	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	31.72	Top Width (m)		31.72	
Vel Total (m/s)	0.56	Avg. Vel. (m/s)		0.56	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	57.9	Conv. (m3/s)		57.9	
Length Wtd. (m)	28.70	Wetted Per. (m)		31.75	
Min Ch El (m)	35.79	Shear (N/m2)		8.24	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		4.59	
Frctn Loss (m)	0.28	Cum Volume (1000 m3)		8.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		29.89	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T100 anni - Post

E.G. Elev (m)	36.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.19	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.19	Flow Area (m2)		3.96	
E.G. Slope (m/m)	0.030367	Area (m2)		3.96	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	26.96	Top Width (m)		26.96	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	27.5	Conv. (m3/s)		27.5	
Length Wtd. (m)		Wetted Per. (m)		26.99	
Min Ch El (m)	35.79	Shear (N/m2)		43.70	
Alpha	1.00	Stream Power (N/m s)		52.96	
Frctn Loss (m)		Cum Volume (1000 m3)		15.90	
C & E Loss (m)		Cum SA (1000 m2)		37.11	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T200 anni - Post

E.G. Elev (m)	36.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	36.22	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.22	Flow Area (m2)		4.74	
E.G. Slope (m/m)	0.028672	Area (m2)		4.74	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	29.00	Top Width (m)		29.00	
Vel Total (m/s)	1.26	Avg. Vel. (m/s)		1.26	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)		Wetted Per. (m)		29.03	
Min Ch El (m)	35.79	Shear (N/m2)		48.89	
Alpha	1.00	Stream Power (N/m s)		58.03	
Frctn Loss (m)		Cum Volume (1000 m3)		29.76	
C & E Loss (m)		Cum SA (1000 m2)		43.90	

Plan: AnPo River 1 Reach 1 RS: 687 Profile: T500 anni - Post

E.G. Elev (m)	36.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	36.25	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	36.25	Flow Area (m2)		5.66	
E.G. Slope (m/m)	0.027134	Area (m2)		5.66	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	30.19	Top Width (m)		30.19	
Vel Total (m/s)	1.35	Avg. Vel. (m/s)		1.35	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	46.4	Conv. (m3/s)		46.4	
Length Wtd. (m)		Wetted Per. (m)		30.23	
Min Ch El (m)	35.79	Shear (N/m2)		49.67	
Alpha	1.00	Stream Power (N/m s)		67.26	
Frctn Loss (m)		Cum Volume (1000 m3)		38.73	
C & E Loss (m)		Cum SA (1000 m2)		47.81	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T25 anni - Ante

E.G. Elev (m)	35.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.95	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	35.95	Flow Area (m2)		2.20	
E.G. Slope (m/m)	0.039578	Area (m2)		2.20	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	30.69	Top Width (m)		30.69	
Vel Total (m/s)	0.86	Avg. Vel. (m/s)		0.86	
Max Chl Dpth (m)	0.20	Hydr. Depth (m)		0.07	
Conv. Total (m3/s)	9.5	Conv. (m3/s)		9.5	
Length Wtd. (m)	30.80	Wetted Per. (m)		30.75	
Min Ch El (m)	35.75	Shear (N/m2)		27.72	
Alpha	1.00	Stream Power (N/m s)		23.73	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		3.96	
C & E Loss (m)	0.01	Cum SA (1000 m2)		22.27	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T50 anni - Ante

E.G. Elev (m)	36.01	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.97	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	35.97	Flow Area (m2)		3.04	
E.G. Slope (m/m)	0.035574	Area (m2)		3.04	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	36.97	Top Width (m)		36.97	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	14.4	Conv. (m3/s)		14.4	
Length Wtd. (m)	30.80	Wetted Per. (m)		37.03	
Min Ch El (m)	35.75	Shear (N/m2)		28.65	
Alpha	1.00	Stream Power (N/m s)		25.53	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		5.09	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.91	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T100 anni - Ante

E.G. Elev (m)	36.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.99	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	35.99	Flow Area (m2)		3.71	
E.G. Slope (m/m)	0.035221	Area (m2)		3.71	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	38.77	Top Width (m)		38.77	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	19.3	Conv. (m3/s)		19.3	
Length Wtd. (m)	30.80	Wetted Per. (m)		38.83	
Min Ch El (m)	35.75	Shear (N/m2)		32.96	
Alpha	1.00	Stream Power (N/m s)		32.29	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		7.72	
C & E Loss (m)	0.01	Cum SA (1000 m2)		28.66	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T200 anni - Ante

E.G. Elev (m)	36.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	36.01	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	36.01	Flow Area (m2)		4.45	
E.G. Slope (m/m)	0.031956	Area (m2)		4.45	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T200 anni - Ante (Continued)

Top Width (m)	39.50	Top Width (m)		39.50	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	25.9	Conv. (m3/s)		25.9	
Length Wtd. (m)	30.80	Wetted Per. (m)		39.57	
Min Ch El (m)	35.75	Shear (N/m2)		35.22	
Alpha	1.00	Stream Power (N/m s)		36.67	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		14.20	
C & E Loss (m)	0.02	Cum SA (1000 m2)		35.21	

Plan: AnPo River 1 Reach 1 RS: 655 Profile: T500 anni - Ante

E.G. Elev (m)	36.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.03	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	36.03	Flow Area (m2)		5.32	
E.G. Slope (m/m)	0.030659	Area (m2)		5.32	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	40.22	Top Width (m)		40.22	
Vel Total (m/s)	1.13	Avg. Vel. (m/s)		1.13	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	34.4	Conv. (m3/s)		34.4	
Length Wtd. (m)	30.80	Wetted Per. (m)		40.29	
Min Ch El (m)	35.75	Shear (N/m2)		39.54	
Alpha	1.00	Stream Power (N/m s)		44.78	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		30.15	
C & E Loss (m)	0.02	Cum SA (1000 m2)		43.24	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T25 anni - Post

E.G. Elev (m)	36.01	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.97	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	35.97	Flow Area (m2)		2.93	
E.G. Slope (m/m)	0.037357	Area (m2)		2.93	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	36.22	Top Width (m)		36.22	
Vel Total (m/s)	0.90	Avg. Vel. (m/s)		0.90	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	13.7	Conv. (m3/s)		13.7	
Length Wtd. (m)	30.80	Wetted Per. (m)		36.28	
Min Ch El (m)	35.75	Shear (N/m2)		29.62	
Alpha	1.00	Stream Power (N/m s)		26.76	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		4.98	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.59	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T50 anni - Post

E.G. Elev (m)	36.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.99	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	35.99	Flow Area (m2)		3.78	
E.G. Slope (m/m)	0.034154	Area (m2)		3.78	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	38.95	Top Width (m)		38.95	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	19.9	Conv. (m3/s)		19.9	
Length Wtd. (m)	30.80	Wetted Per. (m)		39.02	
Min Ch El (m)	35.75	Shear (N/m2)		32.43	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		31.59	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		7.94	
C & E Loss (m)	0.01	Cum SA (1000 m2)		28.87	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T100 anni - Post

E.G. Elev (m)	36.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	36.01	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	36.01	Flow Area (m2)		4.51	
E.G. Slope (m/m)	0.032948	Area (m2)		4.51	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	39.55	Top Width (m)		39.55	
Vel Total (m/s)	1.07	Avg. Vel. (m/s)		1.07	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	26.4	Conv. (m3/s)		26.4	
Length Wtd. (m)	30.80	Wetted Per. (m)		39.62	
Min Ch El (m)	35.75	Shear (N/m2)		36.75	
Alpha	1.00	Stream Power (N/m s)		39.15	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		15.78	
C & E Loss (m)	0.02	Cum SA (1000 m2)		36.15	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T200 anni - Post

E.G. Elev (m)	36.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	36.03	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	36.03	Flow Area (m2)		5.32	
E.G. Slope (m/m)	0.030149	Area (m2)		5.32	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	40.22	Top Width (m)		40.22	
Vel Total (m/s)	1.13	Avg. Vel. (m/s)		1.13	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	34.5	Conv. (m3/s)		34.5	
Length Wtd. (m)	30.80	Wetted Per. (m)		40.30	
Min Ch El (m)	35.75	Shear (N/m2)		39.04	
Alpha	1.00	Stream Power (N/m s)		43.96	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		29.62	
C & E Loss (m)	0.02	Cum SA (1000 m2)		42.90	

Plan: AnPo River 1 Reach 1 RS: 658 Profile: T500 anni - Post

E.G. Elev (m)	36.13	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	36.06	Reach Len. (m)	30.80	30.80	30.80
Crit W.S. (m)	36.05	Flow Area (m2)		6.52	
E.G. Slope (m/m)	0.025735	Area (m2)		6.52	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	41.20	Top Width (m)		41.20	
Vel Total (m/s)	1.17	Avg. Vel. (m/s)		1.17	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	47.6	Conv. (m3/s)		47.6	
Length Wtd. (m)	30.80	Wetted Per. (m)		41.27	
Min Ch El (m)	35.75	Shear (N/m2)		39.67	
Alpha	1.00	Stream Power (N/m s)		46.72	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		38.56	
C & E Loss (m)	0.02	Cum SA (1000 m2)		46.78	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T25 anni - Ante

E.G. Elev (m)	35.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	35.91	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.62	Flow Area (m2)		17.98	
E.G. Slope (m/m)	0.000120	Area (m2)		17.98	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	76.93	Top Width (m)		76.93	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	172.0	Conv. (m3/s)		172.0	
Length Wtd. (m)	29.80	Wetted Per. (m)		75.99	
Min Ch El (m)	35.43	Shear (N/m2)		0.28	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		3.65	
C & E Loss (m)	0.00	Cum SA (1000 m2)		20.63	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T50 anni - Ante

E.G. Elev (m)	35.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	35.93	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.64	Flow Area (m2)		19.83	
E.G. Slope (m/m)	0.000187	Area (m2)		19.83	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	78.49	Top Width (m)		78.49	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	198.1	Conv. (m3/s)		198.1	
Length Wtd. (m)	29.80	Wetted Per. (m)		78.55	
Min Ch El (m)	35.43	Shear (N/m2)		0.46	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		4.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		23.13	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T100 anni - Ante

E.G. Elev (m)	35.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	35.96	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.66	Flow Area (m2)		22.38	
E.G. Slope (m/m)	0.000242	Area (m2)		22.38	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	82.96	Top Width (m)		82.96	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	233.5	Conv. (m3/s)		233.5	
Length Wtd. (m)	29.80	Wetted Per. (m)		83.02	
Min Ch El (m)	35.43	Shear (N/m2)		0.64	
Alpha	1.00	Stream Power (N/m s)		0.10	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		7.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		26.78	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T200 anni - Ante

E.G. Elev (m)	35.99	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	35.99	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.68	Flow Area (m2)		24.99	
E.G. Slope (m/m)	0.000285	Area (m2)		24.99	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T200 anni - Ante (Continued)

Top Width (m)	86.87	Top Width (m)		86.87	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	274.2	Conv. (m3/s)		274.2	
Length Wtd. (m)	29.80	Wetted Per. (m)		85.93	
Min Ch El (m)	35.43	Shear (N/m2)		0.81	
Alpha	1.00	Stream Power (N/m s)		0.15	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		13.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		33.28	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T500 anni - Ante

E.G. Elev (m)	36.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.03	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.71	Flow Area (m2)		28.36	
E.G. Slope (m/m)	0.000323	Area (m2)		28.36	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	87.25	Top Width (m)		87.25	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	334.9	Conv. (m3/s)		334.9	
Length Wtd. (m)	29.80	Wetted Per. (m)		87.31	
Min Ch El (m)	35.43	Shear (N/m2)		1.03	
Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		29.63	
C & E Loss (m)	0.00	Cum SA (1000 m2)		41.27	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T25 anni - Post

E.G. Elev (m)	35.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	35.93	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.64	Flow Area (m2)		19.63	
E.G. Slope (m/m)	0.000185	Area (m2)		19.63	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	78.30	Top Width (m)		78.30	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	195.1	Conv. (m3/s)		195.1	
Length Wtd. (m)	29.80	Wetted Per. (m)		78.36	
Min Ch El (m)	35.43	Shear (N/m2)		0.45	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		4.63	
C & E Loss (m)	0.00	Cum SA (1000 m2)		22.83	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T50 anni - Post

E.G. Elev (m)	35.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	35.96	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.66	Flow Area (m2)		22.52	
E.G. Slope (m/m)	0.000244	Area (m2)		22.52	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	83.02	Top Width (m)		83.02	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	235.8	Conv. (m3/s)		235.8	
Length Wtd. (m)	29.80	Wetted Per. (m)		83.09	
Min Ch El (m)	35.43	Shear (N/m2)		0.65	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.11	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		7.54	
C & E Loss (m)	0.00	Cum SA (1000 m2)		26.99	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T100 anni - Post

E.G. Elev (m)	36.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.00	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.68	Flow Area (m2)		25.47	
E.G. Slope (m/m)	0.000288	Area (m2)		25.47	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	86.01	Top Width (m)		86.01	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.57	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	282.7	Conv. (m3/s)		282.7	
Length Wtd. (m)	29.80	Wetted Per. (m)		86.08	
Min Ch El (m)	35.43	Shear (N/m2)		0.84	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		15.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.22	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T200 anni - Post

E.G. Elev (m)	36.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.03	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.71	Flow Area (m2)		28.29	
E.G. Slope (m/m)	0.000322	Area (m2)		28.29	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	87.20	Top Width (m)		87.20	
Vel Total (m/s)	0.21	Avg. Vel. (m/s)		0.21	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	333.8	Conv. (m3/s)		333.8	
Length Wtd. (m)	29.80	Wetted Per. (m)		87.27	
Min Ch El (m)	35.43	Shear (N/m2)		1.02	
Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		29.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.94	

Plan: AnPo River 1 Reach 1 RS: 627 Profile: T500 anni - Post

E.G. Elev (m)	36.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	36.07	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.73	Flow Area (m2)		31.71	
E.G. Slope (m/m)	0.000366	Area (m2)		31.71	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	88.58	Top Width (m)		88.58	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	399.4	Conv. (m3/s)		399.4	
Length Wtd. (m)	29.80	Wetted Per. (m)		88.65	
Min Ch El (m)	35.43	Shear (N/m2)		1.28	
Alpha	1.00	Stream Power (N/m s)		0.31	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		35.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		44.78	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T25 anni - Ante

E.G. Elev (m)	35.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	35.88	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.88	Flow Area (m2)		3.70	
E.G. Slope (m/m)	0.008312	Area (m2)		3.70	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	35.04	Top Width (m)		35.04	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	20.6	Conv. (m3/s)		20.6	
Length Wtd. (m)	29.80	Wetted Per. (m)		35.07	
Min Ch El (m)	35.67	Shear (N/m2)		6.59	
Alpha	1.00	Stream Power (N/m s)		4.37	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		3.33	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.97	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T50 anni - Ante

E.G. Elev (m)	35.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.89	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.88	Flow Area (m2)		3.87	
E.G. Slope (m/m)	0.014835	Area (m2)		3.87	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	35.16	Top Width (m)		35.16	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	22.2	Conv. (m3/s)		22.2	
Length Wtd. (m)	29.80	Wetted Per. (m)		35.20	
Min Ch El (m)	35.67	Shear (N/m2)		16.02	
Alpha	1.00	Stream Power (N/m s)		11.20	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		4.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.44	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T100 anni - Ante

E.G. Elev (m)	35.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.90	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.88	Flow Area (m2)		4.49	
E.G. Slope (m/m)	0.016615	Area (m2)		4.49	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	35.60	Top Width (m)		35.60	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	28.2	Conv. (m3/s)		28.2	
Length Wtd. (m)	29.80	Wetted Per. (m)		35.63	
Min Ch El (m)	35.67	Shear (N/m2)		20.51	
Alpha	1.00	Stream Power (N/m s)		16.60	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		6.92	
C & E Loss (m)	0.00	Cum SA (1000 m2)		25.02	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T200 anni - Ante

E.G. Elev (m)	35.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.92	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.90	Flow Area (m2)		5.19	
E.G. Slope (m/m)	0.016936	Area (m2)		5.19	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T200 anni - Ante (Continued)

Top Width (m)	36.10	Top Width (m)		36.10	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	35.6	Conv. (m3/s)		35.6	
Length Wtd. (m)	29.80	Wetted Per. (m)		36.13	
Min Ch El (m)	35.67	Shear (N/m2)		23.85	
Alpha	1.00	Stream Power (N/m s)		21.28	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		13.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.46	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T500 anni - Ante

E.G. Elev (m)	36.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.95	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.92	Flow Area (m2)		6.30	
E.G. Slope (m/m)	0.016772	Area (m2)		6.30	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	39.20	Top Width (m)		39.20	
Vel Total (m/s)	0.96	Avg. Vel. (m/s)		0.96	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	46.5	Conv. (m3/s)		46.5	
Length Wtd. (m)	29.80	Wetted Per. (m)		39.23	
Min Ch El (m)	35.67	Shear (N/m2)		26.39	
Alpha	1.00	Stream Power (N/m s)		25.24	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		29.11	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.39	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T25 anni - Post

E.G. Elev (m)	35.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.88	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.88	Flow Area (m2)		3.80	
E.G. Slope (m/m)	0.015116	Area (m2)		3.80	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	35.11	Top Width (m)		35.11	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	21.6	Conv. (m3/s)		21.6	
Length Wtd. (m)	29.80	Wetted Per. (m)		35.14	
Min Ch El (m)	35.67	Shear (N/m2)		16.03	
Alpha	1.00	Stream Power (N/m s)		11.18	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		4.28	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.14	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T50 anni - Post

E.G. Elev (m)	35.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.90	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.88	Flow Area (m2)		4.53	
E.G. Slope (m/m)	0.016583	Area (m2)		4.53	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	35.63	Top Width (m)		35.63	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	28.6	Conv. (m3/s)		28.6	
Length Wtd. (m)	29.80	Wetted Per. (m)		35.68	
Min Ch El (m)	35.67	Shear (N/m2)		20.64	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		16.78	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		7.14	
C & E Loss (m)	0.00	Cum SA (1000 m2)		25.23	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T100 anni - Post

E.G. Elev (m)	35.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.93	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.90	Flow Area (m2)		5.41	
E.G. Slope (m/m)	0.015865	Area (m2)		5.41	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	36.25	Top Width (m)		36.25	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	38.0	Conv. (m3/s)		38.0	
Length Wtd. (m)	29.80	Wetted Per. (m)		36.29	
Min Ch El (m)	35.67	Shear (N/m2)		23.32	
Alpha	1.00	Stream Power (N/m s)		20.70	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		14.86	
C & E Loss (m)	0.00	Cum SA (1000 m2)		32.40	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T200 anni - Post

E.G. Elev (m)	36.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.95	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.92	Flow Area (m2)		6.28	
E.G. Slope (m/m)	0.016711	Area (m2)		6.28	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	39.17	Top Width (m)		39.17	
Vel Total (m/s)	0.95	Avg. Vel. (m/s)		0.95	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	46.3	Conv. (m3/s)		46.3	
Length Wtd. (m)	29.80	Wetted Per. (m)		39.21	
Min Ch El (m)	35.67	Shear (N/m2)		26.26	
Alpha	1.00	Stream Power (N/m s)		25.03	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		28.58	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.06	

Plan: AnPo River 1 Reach 1 RS: 597 Profile: T500 anni - Post

E.G. Elev (m)	36.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	35.98	Reach Len. (m)	29.80	29.80	29.80
Crit W.S. (m)	35.95	Flow Area (m2)		7.30	
E.G. Slope (m/m)	0.017468	Area (m2)		7.30	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	40.94	Top Width (m)		40.94	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	57.8	Conv. (m3/s)		57.8	
Length Wtd. (m)	29.80	Wetted Per. (m)		40.98	
Min Ch El (m)	35.67	Shear (N/m2)		30.52	
Alpha	1.00	Stream Power (N/m s)		31.94	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		35.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.85	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T25 anni - Ante

E.G. Elev (m)	35.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.38	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.34	Flow Area (m2)		2.57	
E.G. Slope (m/m)	0.015048	Area (m2)		2.57	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	22.94	Top Width (m)		22.94	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	14.9	Conv. (m3/s)		14.9	
Length Wtd. (m)	29.00	Wetted Per. (m)		22.97	
Min Ch El (m)	35.09	Shear (N/m2)		17.47	
Alpha	1.00	Stream Power (N/m s)		12.80	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		3.23	
C & E Loss (m)	0.01	Cum SA (1000 m2)		18.11	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T50 anni - Ante

E.G. Elev (m)	35.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.41	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.38	Flow Area (m2)		3.44	
E.G. Slope (m/m)	0.016516	Area (m2)		3.44	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	28.23	Top Width (m)		28.23	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	21.1	Conv. (m3/s)		21.1	
Length Wtd. (m)	29.00	Wetted Per. (m)		28.27	
Min Ch El (m)	35.09	Shear (N/m2)		19.69	
Alpha	1.00	Stream Power (N/m s)		15.53	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		4.27	
C & E Loss (m)	0.01	Cum SA (1000 m2)		20.49	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T100 anni - Ante

E.G. Elev (m)	35.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.45	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.41	Flow Area (m2)		4.43	
E.G. Slope (m/m)	0.014082	Area (m2)		4.43	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	30.51	Top Width (m)		30.51	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	30.6	Conv. (m3/s)		30.6	
Length Wtd. (m)	29.00	Wetted Per. (m)		30.55	
Min Ch El (m)	35.09	Shear (N/m2)		20.03	
Alpha	1.00	Stream Power (N/m s)		16.41	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		6.78	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.03	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T200 anni - Ante

E.G. Elev (m)	35.51	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.47	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.43	Flow Area (m2)		5.22	
E.G. Slope (m/m)	0.013522	Area (m2)		5.22	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T200 anni - Ante (Continued)

Top Width (m)	30.95	Top Width (m)		30.95	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	39.8	Conv. (m3/s)		39.8	
Length Wtd. (m)	29.00	Wetted Per. (m)		30.99	
Min Ch El (m)	35.09	Shear (N/m2)		22.34	
Alpha	1.00	Stream Power (N/m s)		19.81	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		13.14	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.46	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T500 anni - Ante

E.G. Elev (m)	35.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.50	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.46	Flow Area (m2)		6.13	
E.G. Slope (m/m)	0.013704	Area (m2)		6.13	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	31.44	Top Width (m)		31.44	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	51.4	Conv. (m3/s)		51.4	
Length Wtd. (m)	29.00	Wetted Per. (m)		31.50	
Min Ch El (m)	35.09	Shear (N/m2)		26.14	
Alpha	1.00	Stream Power (N/m s)		25.69	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		28.93	
C & E Loss (m)	0.01	Cum SA (1000 m2)		38.34	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T25 anni - Post

E.G. Elev (m)	35.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.41	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.37	Flow Area (m2)		3.40	
E.G. Slope (m/m)	0.016312	Area (m2)		3.40	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	28.16	Top Width (m)		28.16	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	20.7	Conv. (m3/s)		20.7	
Length Wtd. (m)	29.00	Wetted Per. (m)		28.20	
Min Ch El (m)	35.09	Shear (N/m2)		19.29	
Alpha	1.00	Stream Power (N/m s)		15.03	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		4.17	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.20	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T50 anni - Post

E.G. Elev (m)	35.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.45	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.41	Flow Area (m2)		4.47	
E.G. Slope (m/m)	0.014100	Area (m2)		4.47	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	30.53	Top Width (m)		30.53	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	31.0	Conv. (m3/s)		31.0	
Length Wtd. (m)	29.00	Wetted Per. (m)		30.57	
Min Ch El (m)	35.09	Shear (N/m2)		20.21	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		16.64	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		7.00	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.24	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T100 anni - Post

E.G. Elev (m)	35.51	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.47	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.44	Flow Area (m2)		5.23	
E.G. Slope (m/m)	0.014438	Area (m2)		5.23	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	30.95	Top Width (m)		30.95	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	39.9	Conv. (m3/s)		39.9	
Length Wtd. (m)	29.00	Wetted Per. (m)		31.00	
Min Ch El (m)	35.09	Shear (N/m2)		23.90	
Alpha	1.00	Stream Power (N/m s)		21.92	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		14.70	
C & E Loss (m)	0.01	Cum SA (1000 m2)		31.40	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T200 anni - Post

E.G. Elev (m)	35.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.50	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.46	Flow Area (m2)		6.10	
E.G. Slope (m/m)	0.013789	Area (m2)		6.10	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	31.43	Top Width (m)		31.43	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	51.0	Conv. (m3/s)		51.0	
Length Wtd. (m)	29.00	Wetted Per. (m)		31.48	
Min Ch El (m)	35.09	Shear (N/m2)		26.16	
Alpha	1.00	Stream Power (N/m s)		25.66	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		28.40	
C & E Loss (m)	0.01	Cum SA (1000 m2)		38.01	

Plan: AnPo River 1 Reach 1 RS: 567 Profile: T500 anni - Post

E.G. Elev (m)	35.60	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.54	Reach Len. (m)	29.00	29.00	29.00
Crit W.S. (m)	35.49	Flow Area (m2)		7.49	
E.G. Slope (m/m)	0.012614	Area (m2)		7.49	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	34.10	Top Width (m)		34.10	
Vel Total (m/s)	1.02	Avg. Vel. (m/s)		1.02	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	68.0	Conv. (m3/s)		68.0	
Length Wtd. (m)	29.00	Wetted Per. (m)		34.15	
Min Ch El (m)	35.09	Shear (N/m2)		27.11	
Alpha	1.00	Stream Power (N/m s)		27.67	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		35.16	
C & E Loss (m)	0.01	Cum SA (1000 m2)		41.74	

Plan: AnPo River 1 Reach 1 RS: 538 Profile: T25 anni - Ante

E.G. Elev (m)	35.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	35.16	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		4.51	
E.G. Slope (m/m)	0.004725	Area (m2)		4.51	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	37.72	Top Width (m)		37.72	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	27.4	Conv. (m3/s)		27.4	
Length Wtd. (m)	29.50	Wetted Per. (m)		37.80	
Min Ch El (m)	34.93	Shear (N/m2)		5.53	
Alpha	1.00	Stream Power (N/m s)		2.30	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		3.13	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.23	

Plan: AnPo River 1 Reach 1 RS: 538 Profile: T50 anni - Ante

E.G. Elev (m)	35.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	35.19	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		5.69	
E.G. Slope (m/m)	0.004909	Area (m2)		5.63	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	39.03	Top Width (m)		39.03	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	38.7	Conv. (m3/s)		38.7	
Length Wtd. (m)	29.50	Wetted Per. (m)		39.12	
Min Ch El (m)	34.93	Shear (N/m2)		6.93	
Alpha	1.00	Stream Power (N/m s)		3.34	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		4.14	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.52	

Plan: AnPo River 1 Reach 1 RS: 538 Profile: T100 anni - Ante

E.G. Elev (m)	35.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.21	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		6.54	
E.G. Slope (m/m)	0.005661	Area (m2)		6.54	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	40.78	Top Width (m)		40.78	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	48.2	Conv. (m3/s)		48.2	
Length Wtd. (m)	29.50	Wetted Per. (m)		40.86	
Min Ch El (m)	34.93	Shear (N/m2)		8.89	
Alpha	1.00	Stream Power (N/m s)		4.93	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		6.62	
C & E Loss (m)	0.00	Cum SA (1000 m2)		23.00	

Plan: AnPo River 1 Reach 1 RS: 538 Profile: T200 anni - Ante

E.G. Elev (m)	35.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.24	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		7.64	
E.G. Slope (m/m)	0.005889	Area (m2)		7.64	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T200 anni - Ante (Continued)

Top Width (m)	42.97	Top Width (m)		42.97	
Vel Total (m/s)	0.61	Avg. Vel. (m/s)		0.61	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	60.3	Conv. (m3/s)		60.3	
Length Wtd. (m)	29.50	Wetted Per. (m)		43.08	
Min Ch El (m)	34.93	Shear (N/m2)		10.26	
Alpha	1.00	Stream Power (N/m s)		6.22	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		12.95	
C & E Loss (m)	0.00	Cum SA (1000 m2)		29.39	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T500 anni - Ante

E.G. Elev (m)	35.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.27	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		9.32	
E.G. Slope (m/m)	0.005828	Area (m2)		9.32	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	47.18	Top Width (m)		47.18	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	78.9	Conv. (m3/s)		78.9	
Length Wtd. (m)	29.50	Wetted Per. (m)		47.30	
Min Ch El (m)	34.93	Shear (N/m2)		11.28	
Alpha	1.00	Stream Power (N/m s)		7.27	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		28.70	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.20	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T25 anni - Post

E.G. Elev (m)	35.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	35.19	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		5.57	
E.G. Slope (m/m)	0.004854	Area (m2)		5.57	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	38.95	Top Width (m)		38.95	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	38.0	Conv. (m3/s)		38.0	
Length Wtd. (m)	29.50	Wetted Per. (m)		39.04	
Min Ch El (m)	34.93	Shear (N/m2)		6.79	
Alpha	1.00	Stream Power (N/m s)		3.23	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		4.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.22	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T50 anni - Post

E.G. Elev (m)	35.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.21	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		6.60	
E.G. Slope (m/m)	0.005660	Area (m2)		6.60	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	40.85	Top Width (m)		40.85	
Vel Total (m/s)	0.56	Avg. Vel. (m/s)		0.56	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	48.9	Conv. (m3/s)		48.9	
Length Wtd. (m)	29.50	Wetted Per. (m)		40.95	
Min Ch El (m)	34.93	Shear (N/m2)		8.95	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		4.99	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		8.84	
C & E Loss (m)	0.00	Cum SA (1000 m2)		23.21	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T100 anni - Post

E.G. Elev (m)	35.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.25	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		8.11	
E.G. Slope (m/m)	0.005432	Area (m2)		8.11	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	44.46	Top Width (m)		44.46	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	65.1	Conv. (m3/s)		65.1	
Length Wtd. (m)	29.50	Wetted Per. (m)		44.58	
Min Ch El (m)	34.93	Shear (N/m2)		9.69	
Alpha	1.00	Stream Power (N/m s)		5.74	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		14.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		30.30	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T200 anni - Post

E.G. Elev (m)	35.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.28	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		9.36	
E.G. Slope (m/m)	0.005690	Area (m2)		9.36	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	47.26	Top Width (m)		47.26	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	79.4	Conv. (m3/s)		79.4	
Length Wtd. (m)	29.50	Wetted Per. (m)		47.38	
Min Ch El (m)	34.93	Shear (N/m2)		11.03	
Alpha	1.00	Stream Power (N/m s)		7.05	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		28.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.86	

Plan: AnPo River 1 Reach 1 RS: 535 Profile: T500 anni - Post

E.G. Elev (m)	35.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.30	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)		Flow Area (m2)		10.60	
E.G. Slope (m/m)	0.006654	Area (m2)		10.60	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	50.36	Top Width (m)		50.36	
Vel Total (m/s)	0.72	Avg. Vel. (m/s)		0.72	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	93.7	Conv. (m3/s)		93.7	
Length Wtd. (m)	29.50	Wetted Per. (m)		50.49	
Min Ch El (m)	34.93	Shear (N/m2)		13.70	
Alpha	1.00	Stream Power (N/m s)		9.87	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		34.90	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.51	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T25 anni - Ante

E.G. Elev (m)	34.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.95	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		3.40	
E.G. Slope (m/m)	0.010686	Area (m2)		3.40	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	34.25	Top Width (m)		34.25	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	0.20	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	18.2	Conv. (m3/s)		18.2	
Length Wtd. (m)	29.20	Wetted Per. (m)		34.33	
Min Ch El (m)	34.75	Shear (N/m2)		10.36	
Alpha	1.00	Stream Power (N/m s)		5.74	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		3.01	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.17	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T50 anni - Ante

E.G. Elev (m)	35.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.98	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		4.77	
E.G. Slope (m/m)	0.009389	Area (m2)		4.77	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	41.92	Top Width (m)		41.92	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	28.0	Conv. (m3/s)		28.0	
Length Wtd. (m)	29.20	Wetted Per. (m)		42.01	
Min Ch El (m)	34.75	Shear (N/m2)		10.44	
Alpha	1.00	Stream Power (N/m s)		5.93	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		3.99	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.32	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T100 anni - Ante

E.G. Elev (m)	35.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	35.03	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		7.03	
E.G. Slope (m/m)	0.006393	Area (m2)		7.03	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	53.40	Top Width (m)		53.40	
Vel Total (m/s)	0.52	Avg. Vel. (m/s)		0.52	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	45.4	Conv. (m3/s)		45.4	
Length Wtd. (m)	29.20	Wetted Per. (m)		53.52	
Min Ch El (m)	34.75	Shear (N/m2)		8.23	
Alpha	1.00	Stream Power (N/m s)		4.26	
Frctn Loss (m)	0.35	Cum Volume (1000 m3)		6.42	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.61	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T200 anni - Ante

E.G. Elev (m)	35.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.05	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)	34.98	Flow Area (m2)		8.07	
E.G. Slope (m/m)	0.005919	Area (m2)		8.07	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T200 anni - Ante (Continued)

Top Width (m)	55.59	Top Width (m)		55.59	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	55.7	Conv. (m3/s)		55.7	
Length Wtd. (m)	29.20	Wetted Per. (m)		55.72	
Min Ch El (m)	34.75	Shear (N/m2)		9.83	
Alpha	1.00	Stream Power (N/m s)		5.64	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		13.72	
C & E Loss (m)	0.00	Cum SA (1000 m2)		27.94	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T500 anni - Ante

E.G. Elev (m)	35.10	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.08	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		9.35	
E.G. Slope (m/m)	0.007966	Area (m2)		9.35	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	60.25	Top Width (m)		60.25	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	67.4	Conv. (m3/s)		67.4	
Length Wtd. (m)	29.20	Wetted Per. (m)		60.39	
Min Ch El (m)	34.75	Shear (N/m2)		12.10	
Alpha	1.00	Stream Power (N/m s)		7.79	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		28.43	
C & E Loss (m)	0.00	Cum SA (1000 m2)		35.61	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T25 anni - Post

E.G. Elev (m)	35.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.98	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		4.63	
E.G. Slope (m/m)	0.009640	Area (m2)		4.63	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	41.07	Top Width (m)		41.07	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.23	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	27.0	Conv. (m3/s)		27.0	
Length Wtd. (m)	29.20	Wetted Per. (m)		41.17	
Min Ch El (m)	34.75	Shear (N/m2)		10.64	
Alpha	1.00	Stream Power (N/m s)		6.09	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		3.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.04	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T50 anni - Post

E.G. Elev (m)	35.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	35.04	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		7.06	
E.G. Slope (m/m)	0.006482	Area (m2)		7.06	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	53.54	Top Width (m)		53.54	
Vel Total (m/s)	0.52	Avg. Vel. (m/s)		0.52	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	45.9	Conv. (m3/s)		45.9	
Length Wtd. (m)	29.20	Wetted Per. (m)		53.68	
Min Ch El (m)	34.75	Shear (N/m2)		8.32	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		4.33	
Frctn Loss (m)	0.35	Cum Volume (1000 m3)		6.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.81	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T100 anni - Post

E.G. Elev (m)	35.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.05	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		7.64	
E.G. Slope (m/m)	0.008772	Area (m2)		7.64	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	54.81	Top Width (m)		54.81	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	51.3	Conv. (m3/s)		51.3	
Length Wtd. (m)	29.20	Wetted Per. (m)		54.94	
Min Ch El (m)	34.75	Shear (N/m2)		11.96	
Alpha	1.00	Stream Power (N/m s)		7.52	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		14.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		28.84	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T200 anni - Post

E.G. Elev (m)	35.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.07	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		9.08	
E.G. Slope (m/m)	0.008533	Area (m2)		9.08	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	59.32	Top Width (m)		59.32	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	64.8	Conv. (m3/s)		64.8	
Length Wtd. (m)	29.20	Wetted Per. (m)		59.45	
Min Ch El (m)	34.75	Shear (N/m2)		12.78	
Alpha	1.00	Stream Power (N/m s)		8.43	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		27.90	
C & E Loss (m)	0.00	Cum SA (1000 m2)		35.29	

Plan: AnPo River 1 Reach 1 RS: 508 Profile: T500 anni - Post

E.G. Elev (m)	35.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.12	Reach Len. (m)	29.20	29.20	29.20
Crit W.S. (m)		Flow Area (m2)		12.21	
E.G. Slope (m/m)	0.005920	Area (m2)		12.21	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	65.60	Top Width (m)		65.60	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	99.3	Conv. (m3/s)		99.3	
Length Wtd. (m)	29.20	Wetted Per. (m)		65.75	
Min Ch El (m)	34.75	Shear (N/m2)		10.78	
Alpha	1.00	Stream Power (N/m s)		6.75	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		34.57	
C & E Loss (m)	0.01	Cum SA (1000 m2)		38.60	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T25 anni - Ante

E.G. Elev (m)	34.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	34.61	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.55	Flow Area (m2)		2.67	
E.G. Slope (m/m)	0.012405	Area (m2)		2.67	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	20.89	Top Width (m)		20.89	
Vel Total (m/s)	0.71	Avg. Vel. (m/s)		0.71	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	16.9	Conv. (m3/s)		16.9	
Length Wtd. (m)	31.40	Wetted Per. (m)		20.91	
Min Ch El (m)	34.35	Shear (N/m2)		15.51	
Alpha	1.00	Stream Power (N/m s)		10.94	
Frctn Loss (m)	0.61	Cum Volume (1000 m3)		2.93	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.36	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T50 anni - Ante

E.G. Elev (m)	34.67	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	34.64	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.60	Flow Area (m2)		3.61	
E.G. Slope (m/m)	0.013613	Area (m2)		3.61	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	25.80	Top Width (m)		25.80	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	23.2	Conv. (m3/s)		23.2	
Length Wtd. (m)	31.40	Wetted Per. (m)		25.83	
Min Ch El (m)	34.35	Shear (N/m2)		18.18	
Alpha	1.00	Stream Power (N/m s)		14.01	
Frctn Loss (m)	0.60	Cum Volume (1000 m3)		3.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.33	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T100 anni - Ante

E.G. Elev (m)	34.70	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.63	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.63	Flow Area (m2)		3.27	
E.G. Slope (m/m)	0.029848	Area (m2)		3.27	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	25.02	Top Width (m)		25.02	
Vel Total (m/s)	1.11	Avg. Vel. (m/s)		1.11	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	21.0	Conv. (m3/s)		21.0	
Length Wtd. (m)	31.40	Wetted Per. (m)		25.04	
Min Ch El (m)	34.35	Shear (N/m2)		38.19	
Alpha	1.00	Stream Power (N/m s)		42.43	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		6.27	
C & E Loss (m)	0.01	Cum SA (1000 m2)		20.46	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T200 anni - Ante

E.G. Elev (m)	34.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.68	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.68	Flow Area (m2)		4.41	
E.G. Slope (m/m)	0.022849	Area (m2)		4.41	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T200 anni - Ante (Continued)

Top Width (m)	30.17	Top Width (m)		30.17	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	30.6	Conv. (m3/s)		30.6	
Length Wtd. (m)	31.40	Wetted Per. (m)		30.20	
Min Ch El (m)	34.35	Shear (N/m2)		32.76	
Alpha	1.00	Stream Power (N/m s)		34.35	
Frctn Loss (m)	0.57	Cum Volume (1000 m3)		12.54	
C & E Loss (m)	0.00	Cum SA (1000 m2)		26.69	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T500 anni - Ante

E.G. Elev (m)	34.78	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	34.73	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.69	Flow Area (m2)		6.13	
E.G. Slope (m/m)	0.015301	Area (m2)		6.13	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	34.24	Top Width (m)		34.24	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	48.7	Conv. (m3/s)		48.7	
Length Wtd. (m)	31.40	Wetted Per. (m)		34.28	
Min Ch El (m)	34.35	Shear (N/m2)		26.84	
Alpha	1.00	Stream Power (N/m s)		26.35	
Frctn Loss (m)	0.59	Cum Volume (1000 m3)		28.20	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.23	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T25 anni - Post

E.G. Elev (m)	34.67	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	34.64	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.59	Flow Area (m2)		3.50	
E.G. Slope (m/m)	0.013101	Area (m2)		3.50	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	25.78	Top Width (m)		25.78	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	23.2	Conv. (m3/s)		23.2	
Length Wtd. (m)	31.40	Wetted Per. (m)		25.80	
Min Ch El (m)	34.35	Shear (N/m2)		17.45	
Alpha	1.00	Stream Power (N/m s)		13.20	
Frctn Loss (m)	0.60	Cum Volume (1000 m3)		3.77	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.07	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T50 anni - Post

E.G. Elev (m)	34.70	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.64	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.63	Flow Area (m2)		3.32	
E.G. Slope (m/m)	0.029321	Area (m2)		3.32	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	25.19	Top Width (m)		25.19	
Vel Total (m/s)	1.11	Avg. Vel. (m/s)		1.11	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	21.5	Conv. (m3/s)		21.5	
Length Wtd. (m)	31.40	Wetted Per. (m)		25.22	
Min Ch El (m)	34.35	Shear (N/m2)		37.87	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		41.96	
Frctn Loss (m)	0.56	Cum Volume (1000 m3)		8.49	
C & E Loss (m)	0.01	Cum SA (1000 m2)		20.68	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T100 anni - Post

E.G. Elev (m)	34.75	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.71	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.66	Flow Area (m2)		5.50	
E.G. Slope (m/m)	0.013474	Area (m2)		5.50	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	33.25	Top Width (m)		33.25	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	41.4	Conv. (m3/s)		41.4	
Length Wtd. (m)	31.40	Wetted Per. (m)		33.29	
Min Ch El (m)	34.35	Shear (N/m2)		21.81	
Alpha	1.00	Stream Power (N/m s)		19.05	
Frctn Loss (m)	0.60	Cum Volume (1000 m3)		14.08	
C & E Loss (m)	0.00	Cum SA (1000 m2)		27.55	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T200 anni - Post

E.G. Elev (m)	34.78	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.74	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.69	Flow Area (m2)		6.40	
E.G. Slope (m/m)	0.013434	Area (m2)		6.40	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	34.76	Top Width (m)		34.76	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	51.7	Conv. (m3/s)		51.7	
Length Wtd. (m)	31.40	Wetted Per. (m)		34.80	
Min Ch El (m)	34.35	Shear (N/m2)		24.21	
Alpha	1.00	Stream Power (N/m s)		22.67	
Frctn Loss (m)	0.59	Cum Volume (1000 m3)		27.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		33.92	

Plan: AnPo River 1 Reach 1 RS: 479 Profile: T500 anni - Post

E.G. Elev (m)	34.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	34.72	Reach Len. (m)	31.40	31.40	31.40
Crit W.S. (m)	34.72	Flow Area (m2)		5.78	
E.G. Slope (m/m)	0.029418	Area (m2)		5.78	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	33.69	Top Width (m)		33.69	
Vel Total (m/s)	1.32	Avg. Vel. (m/s)		1.32	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	44.5	Conv. (m3/s)		44.5	
Length Wtd. (m)	31.40	Wetted Per. (m)		33.73	
Min Ch El (m)	34.35	Shear (N/m2)		49.41	
Alpha	1.00	Stream Power (N/m s)		65.33	
Frctn Loss (m)	0.16	Cum Volume (1000 m3)		34.30	
C & E Loss (m)	0.02	Cum SA (1000 m2)		37.35	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T25 anni - Ante

E.G. Elev (m)	34.02	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.97	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	33.97	Flow Area (m2)		1.80	
E.G. Slope (m/m)	0.034298	Area (m2)		1.80	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	16.83	Top Width (m)		16.83	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.18	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	10.2	Conv. (m3/s)		10.2	
Length Wtd. (m)	30.30	Wetted Per. (m)		16.85	
Min Ch El (m)	33.79	Shear (N/m2)		36.97	
Alpha	1.00	Stream Power (N/m s)		37.53	
Frctn Loss (m)	0.39	Cum Volume (1000 m3)		2.86	
C & E Loss (m)	0.01	Cum SA (1000 m2)		14.77	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T50 anni - Ante

E.G. Elev (m)	34.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.01	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.00	Flow Area (m2)		2.46	
E.G. Slope (m/m)	0.029195	Area (m2)		2.46	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	18.69	Top Width (m)		18.69	
Vel Total (m/s)	1.10	Avg. Vel. (m/s)		1.10	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	15.9	Conv. (m3/s)		15.9	
Length Wtd. (m)	30.30	Wetted Per. (m)		18.71	
Min Ch El (m)	33.79	Shear (N/m2)		37.59	
Alpha	1.00	Stream Power (N/m s)		41.48	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		3.77	
C & E Loss (m)	0.01	Cum SA (1000 m2)		16.64	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T100 anni - Ante

E.G. Elev (m)	34.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	34.09	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.04	Flow Area (m2)		4.41	
E.G. Slope (m/m)	0.011978	Area (m2)		4.41	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	26.78	Top Width (m)		26.78	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	33.2	Conv. (m3/s)		33.2	
Length Wtd. (m)	30.30	Wetted Per. (m)		26.78	
Min Ch El (m)	33.79	Shear (N/m2)		19.36	
Alpha	1.00	Stream Power (N/m s)		15.92	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		6.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.65	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T200 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.11	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.07	Flow Area (m2)		4.99	
E.G. Slope (m/m)	0.014985	Area (m2)		4.99	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T200 anni - Ante (Continued)

Top Width (m)	29.86	Top Width (m)		29.86	
Vel Total (m/s)	0.93	Avg. Vel. (m/s)		0.93	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	37.8	Conv. (m3/s)		37.8	
Length Wtd. (m)	30.30	Wetted Per. (m)		29.88	
Min Ch El (m)	33.79	Shear (N/m2)		24.54	
Alpha	1.00	Stream Power (N/m s)		22.77	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		12.39	
C & E Loss (m)	0.00	Cum SA (1000 m2)		26.74	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T500 anni - Ante

E.G. Elev (m)	34.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	34.12	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.10	Flow Area (m2)		5.23	
E.G. Slope (m/m)	0.023820	Area (m2)		5.23	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	31.82	Top Width (m)		31.82	
Vel Total (m/s)	1.15	Avg. Vel. (m/s)		1.15	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.2	Conv. (m3/s)		39.2	
Length Wtd. (m)	30.30	Wetted Per. (m)		31.84	
Min Ch El (m)	33.79	Shear (N/m2)		38.02	
Alpha	1.00	Stream Power (N/m s)		43.79	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		28.02	
C & E Loss (m)	0.02	Cum SA (1000 m2)		33.20	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T25 anni - Post

E.G. Elev (m)	34.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	34.00	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.00	Flow Area (m2)		2.33	
E.G. Slope (m/m)	0.031046	Area (m2)		2.33	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	17.74	Top Width (m)		17.74	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	15.0	Conv. (m3/s)		15.0	
Length Wtd. (m)		Wetted Per. (m)		17.75	
Min Ch El (m)	33.79	Shear (N/m2)		39.95	
Alpha	1.00	Stream Power (N/m s)		45.44	
Frctn Loss (m)		Cum Volume (1000 m3)		3.68	
C & E Loss (m)		Cum SA (1000 m2)		16.38	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T50 anni - Post

E.G. Elev (m)	34.13	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.09	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.04	Flow Area (m2)		4.44	
E.G. Slope (m/m)	0.012144	Area (m2)		4.44	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	26.87	Top Width (m)		26.87	
Vel Total (m/s)	0.83	Avg. Vel. (m/s)		0.83	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	33.4	Conv. (m3/s)		33.4	
Length Wtd. (m)	30.30	Wetted Per. (m)		28.89	
Min Ch El (m)	33.79	Shear (N/m2)		19.66	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		16.30	
Frctn Loss (m)	0.56	Cum Volume (1000 m3)		8.37	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.85	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T100 anni - Post

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	34.07	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.07	Flow Area (m2)		3.93	
E.G. Slope (m/m)	0.028686	Area (m2)		3.93	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	25.42	Top Width (m)		25.42	
Vel Total (m/s)	1.22	Avg. Vel. (m/s)		1.22	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	28.2	Conv. (m3/s)		28.2	
Length Wtd. (m)	30.30	Wetted Per. (m)		25.44	
Min Ch El (m)	33.79	Shear (N/m2)		43.73	
Alpha	1.00	Stream Power (N/m s)		53.48	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		13.93	
C & E Loss (m)	0.02	Cum SA (1000 m2)		26.63	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T200 anni - Post

E.G. Elev (m)	34.10	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.10	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.10	Flow Area (m2)		4.70	
E.G. Slope (m/m)	0.029569	Area (m2)		4.70	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	28.31	Top Width (m)		28.31	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)	30.30	Wetted Per. (m)		28.33	
Min Ch El (m)	33.79	Shear (N/m2)		46.46	
Alpha	1.00	Stream Power (N/m s)		59.23	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		27.50	
C & E Loss (m)	0.02	Cum SA (1000 m2)		32.93	

Plan: AnPo River 1 Reach 1 RS: 448 Profile: T500 anni - Post

E.G. Elev (m)	34.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	30.30	30.30	30.30
Crit W.S. (m)	34.14	Flow Area (m2)		14.87	
E.G. Slope (m/m)	0.001992	Area (m2)		14.87	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	47.56	Top Width (m)		47.56	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	0.55	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	171.2	Conv. (m3/s)		171.2	
Length Wtd. (m)	30.30	Wetted Per. (m)		47.61	
Min Ch El (m)	33.79	Shear (N/m2)		6.10	
Alpha	1.00	Stream Power (N/m s)		3.13	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		33.98	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.08	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T25 anni - Ante

E.G. Elev (m)	33.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.51	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.45	Flow Area (m2)		3.56	
E.G. Slope (m/m)	0.006870	Area (m2)		3.56	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	27.03	Top Width (m)		27.03	
Vel Total (m/s)	0.53	Avg. Vel. (m/s)		0.53	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	23.0	Conv. (m3/s)		23.0	
Length Wtd. (m)	29.50	Wetted Per. (m)		27.10	
Min Ch El (m)	33.23	Shear (N/m2)		8.60	
Alpha	1.00	Stream Power (N/m s)		4.54	
Frctn Loss (m)	0.39	Cum Volume (1000 m3)		2.77	
C & E Loss (m)	0.00	Cum SA (1000 m2)		14.11	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T50 anni - Ante

E.G. Elev (m)	33.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.52	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.48	Flow Area (m2)		3.86	
E.G. Slope (m/m)	0.011139	Area (m2)		3.86	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	27.96	Top Width (m)		27.96	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	25.7	Conv. (m3/s)		25.7	
Length Wtd. (m)	29.50	Wetted Per. (m)		28.03	
Min Ch El (m)	33.23	Shear (N/m2)		15.02	
Alpha	1.00	Stream Power (N/m s)		10.56	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		3.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.93	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T100 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.50	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.50	Flow Area (m2)		3.28	
E.G. Slope (m/m)	0.032043	Area (m2)		3.28	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	26.52	Top Width (m)		26.52	
Vel Total (m/s)	1.11	Avg. Vel. (m/s)		1.11	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	20.3	Conv. (m3/s)		20.3	
Length Wtd. (m)	29.50	Wetted Per. (m)		26.59	
Min Ch El (m)	33.23	Shear (N/m2)		38.72	
Alpha	1.00	Stream Power (N/m s)		42.90	
Frctn Loss (m)	0.14	Cum Volume (1000 m3)		6.04	
C & E Loss (m)	0.02	Cum SA (1000 m2)		18.64	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T200 anni - Ante

E.G. Elev (m)	33.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.54	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.52	Flow Area (m2)		4.41	
E.G. Slope (m/m)	0.022969	Area (m2)		4.41	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T200 anni - Ante (Continued)

Top Width (m)	30.13	Top Width (m)		30.13	
Vel Total (m/s)	1.06	Avg. Vel. (m/s)		1.06	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	30.5	Conv. (m3/s)		30.5	
Length Wtd. (m)	29.50	Wetted Per. (m)		30.21	
Min Ch El (m)	33.23	Shear (N/m2)		32.87	
Alpha	1.00	Stream Power (N/m s)		34.53	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		12.25	
C & E Loss (m)	0.02	Cum SA (1000 m2)		24.84	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T500 anni - Ante

E.G. Elev (m)	34.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.16	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.55	Flow Area (m2)		43.02	
E.G. Slope (m/m)	0.000067	Area (m2)		43.02	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	75.94	Top Width (m)		75.94	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.57	
Conv. Total (m3/s)	735.2	Conv. (m3/s)		735.2	
Length Wtd. (m)	29.50	Wetted Per. (m)		76.11	
Min Ch El (m)	33.23	Shear (N/m2)		0.37	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		27.29	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.56	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T25 anni - Post

E.G. Elev (m)	33.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.52	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.47	Flow Area (m2)		3.88	
E.G. Slope (m/m)	0.010470	Area (m2)		3.88	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	28.05	Top Width (m)		28.05	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	25.9	Conv. (m3/s)		25.9	
Length Wtd. (m)	29.50	Wetted Per. (m)		28.12	
Min Ch El (m)	33.23	Shear (N/m2)		14.17	
Alpha	1.00	Stream Power (N/m s)		9.68	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		3.59	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.69	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T50 anni - Post

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.50	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.50	Flow Area (m2)		3.32	
E.G. Slope (m/m)	0.031621	Area (m2)		3.32	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	26.60	Top Width (m)		26.60	
Vel Total (m/s)	1.11	Avg. Vel. (m/s)		1.11	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	20.7	Conv. (m3/s)		20.7	
Length Wtd. (m)	29.50	Wetted Per. (m)		26.67	
Min Ch El (m)	33.23	Shear (N/m2)		38.61	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		42.79	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		6.25	
C & E Loss (m)	0.02	Cum SA (1000 m2)		19.04	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T100 anni - Post

E.G. Elev (m)	33.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.62	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.53	Flow Area (m2)		7.01	
E.G. Slope (m/m)	0.005602	Area (m2)		7.01	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	31.63	Top Width (m)		31.63	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	84.1	Conv. (m3/s)		84.1	
Length Wtd. (m)	29.50	Wetted Per. (m)		31.71	
Min Ch El (m)	33.23	Shear (N/m2)		12.15	
Alpha	1.00	Stream Power (N/m s)		8.32	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		13.77	
C & E Loss (m)	0.01	Cum SA (1000 m2)		25.77	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.55	Flow Area (m2)		41.69	
E.G. Slope (m/m)	0.000073	Area (m2)		41.69	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	75.11	Top Width (m)		75.11	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.91	Hydr. Depth (m)		0.56	
Conv. Total (m3/s)	702.9	Conv. (m3/s)		702.9	
Length Wtd. (m)	29.50	Wetted Per. (m)		75.28	
Min Ch El (m)	33.23	Shear (N/m2)		0.39	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		26.80	
C & E Loss (m)	0.00	Cum SA (1000 m2)		31.36	

Plan: AnPo River 1 Reach 1 RS: 418 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	29.50	29.50	29.50
Crit W.S. (m)	33.58	Flow Area (m2)		58.98	
E.G. Slope (m/m)	0.000051	Area (m2)		58.98	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	95.23	Top Width (m)		95.23	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	1.11	Hydr. Depth (m)		0.62	
Conv. Total (m3/s)	1069.6	Conv. (m3/s)		1069.6	
Length Wtd. (m)	29.50	Wetted Per. (m)		95.45	
Min Ch El (m)	33.23	Shear (N/m2)		0.31	
Alpha	1.00	Stream Power (N/m s)		0.04	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		32.88	
C & E Loss (m)	0.00	Cum SA (1000 m2)		33.91	

Plan: AnPo River 1 Reach 1 RS: 388 Profile: T25 anni - Ante

E.G. Elev (m)	33.13	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.10	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.10	Flow Area (m2)		2.40	
E.G. Slope (m/m)	0.038873	Area (m2)		2.40	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	37.60	Top Width (m)		37.60	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.06	
Conv. Total (m3/s)	9.6	Conv. (m3/s)		9.6	
Length Wtd. (m)	30.20	Wetted Per. (m)		37.65	
Min Ch El (m)	32.86	Shear (N/m2)		24.15	
Alpha	1.00	Stream Power (N/m s)		18.93	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		2.69	
C & E Loss (m)	0.01	Cum SA (1000 m2)		13.15	

Plan: AnPo River 1 Reach 1 RS: 388 Profile: T50 anni - Ante

E.G. Elev (m)	33.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.14	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.11	Flow Area (m2)		4.30	
E.G. Slope (m/m)	0.014904	Area (m2)		4.30	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	45.74	Top Width (m)		45.74	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	22.2	Conv. (m3/s)		22.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		46.81	
Min Ch El (m)	32.86	Shear (N/m2)		13.72	
Alpha	1.00	Stream Power (N/m s)		8.66	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		3.56	
C & E Loss (m)	0.01	Cum SA (1000 m2)		14.84	

Plan: AnPo River 1 Reach 1 RS: 388 Profile: T100 anni - Ante

E.G. Elev (m)	33.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.26	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.13	Flow Area (m2)		10.25	
E.G. Slope (m/m)	0.001868	Area (m2)		10.25	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	54.53	Top Width (m)		54.53	
Vel Total (m/s)	0.35	Avg. Vel. (m/s)		0.35	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	84.0	Conv. (m3/s)		84.0	
Length Wtd. (m)	30.20	Wetted Per. (m)		54.63	
Min Ch El (m)	32.86	Shear (N/m2)		3.44	
Alpha	1.00	Stream Power (N/m s)		1.22	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		5.84	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.65	

Plan: AnPo River 1 Reach 1 RS: 388 Profile: T200 anni - Ante

E.G. Elev (m)	33.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.57	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.15	Flow Area (m2)		35.64	
E.G. Slope (m/m)	0.000092	Area (m2)		35.64	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T200 anni - Ante (Continued)

Top Width (m)	89.21	Top Width (m)		89.21	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	0.71	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	482.7	Conv. (m3/s)		482.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		89.36	
Min Ch El (m)	32.86	Shear (N/m2)		0.36	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		11.66	
C & E Loss (m)	0.00	Cum SA (1000 m2)		23.07	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T500 anni - Ante

E.G. Elev (m)	34.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.16	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.17	Flow Area (m2)		93.47	
E.G. Slope (m/m)	0.000008	Area (m2)		93.47	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	111.34	Top Width (m)		111.34	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.30	Hydr. Depth (m)		0.84	
Conv. Total (m3/s)	2076.1	Conv. (m3/s)		2076.1	
Length Wtd. (m)	30.20	Wetted Per. (m)		111.60	
Min Ch El (m)	32.86	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		25.28	
C & E Loss (m)	0.00	Cum SA (1000 m2)		28.60	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T25 anni - Post

E.G. Elev (m)	33.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.14	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.11	Flow Area (m2)		4.08	
E.G. Slope (m/m)	0.016353	Area (m2)		4.08	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	44.62	Top Width (m)		44.62	
Vel Total (m/s)	0.65	Avg. Vel. (m/s)		0.65	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	20.7	Conv. (m3/s)		20.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		44.68	
Min Ch El (m)	32.86	Shear (N/m2)		14.66	
Alpha	1.00	Stream Power (N/m s)		9.51	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		3.47	
C & E Loss (m)	0.01	Cum SA (1000 m2)		14.62	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T50 anni - Post

E.G. Elev (m)	33.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.27	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.13	Flow Area (m2)		10.86	
E.G. Slope (m/m)	0.001608	Area (m2)		10.86	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	55.22	Top Width (m)		55.22	
Vel Total (m/s)	0.34	Avg. Vel. (m/s)		0.34	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	91.8	Conv. (m3/s)		91.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		55.31	
Min Ch El (m)	32.86	Shear (N/m2)		3.10	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		1.05	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		6.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.83	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.15	Flow Area (m2)		41.64	
E.G. Slope (m/m)	0.000061	Area (m2)		41.64	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	91.57	Top Width (m)		91.57	
Vel Total (m/s)	0.12	Avg. Vel. (m/s)		0.12	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.45	
Conv. Total (m3/s)	614.8	Conv. (m3/s)		614.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		91.72	
Min Ch El (m)	32.86	Shear (N/m2)		0.27	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		13.05	
C & E Loss (m)	0.00	Cum SA (1000 m2)		23.96	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.17	Flow Area (m2)		91.54	
E.G. Slope (m/m)	0.000009	Area (m2)		91.54	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	108.42	Top Width (m)		108.42	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	1.28	Hydr. Depth (m)		0.84	
Conv. Total (m3/s)	2041.2	Conv. (m3/s)		2041.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		108.68	
Min Ch El (m)	32.86	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		24.83	
C & E Loss (m)	0.00	Cum SA (1000 m2)		28.66	

Plan: AnPo River 1 Reach 1 RS: 385 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)	33.19	Flow Area (m2)		115.67	
E.G. Slope (m/m)	0.000008	Area (m2)		115.67	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	129.49	Top Width (m)		129.49	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	1.48	Hydr. Depth (m)		0.89	
Conv. Total (m3/s)	2677.6	Conv. (m3/s)		2677.6	
Length Wtd. (m)	30.20	Wetted Per. (m)		129.84	
Min Ch El (m)	32.86	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		30.28	
C & E Loss (m)	0.00	Cum SA (1000 m2)		30.60	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T25 anni - Ante

E.G. Elev (m)	33.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.07	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)	32.86	Flow Area (m2)		12.48	
E.G. Slope (m/m)	0.000298	Area (m2)		12.48	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	60.49	Top Width (m)		60.49	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	106.9	Conv. (m3/s)		106.9	
Length Wtd. (m)	28.20	Wetted Per. (m)		60.52	
Min Ch El (m)	32.68	Shear (N/m2)		0.60	
Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.46	
C & E Loss (m)	0.00	Cum SA (1000 m2)		11.67	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T50 anni - Ante

E.G. Elev (m)	33.13	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.13	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		15.70	
E.G. Slope (m/m)	0.000316	Area (m2)		15.70	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	64.84	Top Width (m)		64.84	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	152.4	Conv. (m3/s)		152.4	
Length Wtd. (m)	28.20	Wetted Per. (m)		64.88	
Min Ch El (m)	32.68	Shear (N/m2)		0.75	
Alpha	1.00	Stream Power (N/m s)		0.13	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		3.26	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.17	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T100 anni - Ante

E.G. Elev (m)	33.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.25	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		24.38	
E.G. Slope (m/m)	0.000149	Area (m2)		24.38	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	71.57	Top Width (m)		71.57	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.57	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	297.2	Conv. (m3/s)		297.2	
Length Wtd. (m)	28.20	Wetted Per. (m)		71.63	
Min Ch El (m)	32.68	Shear (N/m2)		0.50	
Alpha	1.00	Stream Power (N/m s)		0.07	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		5.31	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.74	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T200 anni - Ante

E.G. Elev (m)	33.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.56	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		49.44	
E.G. Slope (m/m)	0.000030	Area (m2)		49.44	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T200 anni - Ante (Continued)

Top Width (m)	88.30	Top Width (m)		88.30	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	0.88	Hydr. Depth (m)		0.56	
Conv. Total (m3/s)	839.2	Conv. (m3/s)		839.2	
Length Wtd. (m)	28.20	Wetted Per. (m)		88.38	
Min Ch El (m)	32.68	Shear (N/m2)		0.17	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		10.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		20.39	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T500 anni - Ante

E.G. Elev (m)	34.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		111.12	
E.G. Slope (m/m)	0.000005	Area (m2)		111.12	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	117.62	Top Width (m)		117.62	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.47	Hydr. Depth (m)		0.94	
Conv. Total (m3/s)	2672.4	Conv. (m3/s)		2672.4	
Length Wtd. (m)	28.20	Wetted Per. (m)		117.76	
Min Ch El (m)	32.68	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		22.19	
C & E Loss (m)	0.00	Cum SA (1000 m2)		25.34	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T25 anni - Post

E.G. Elev (m)	33.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.12	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		15.40	
E.G. Slope (m/m)	0.000320	Area (m2)		15.40	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	64.53	Top Width (m)		64.53	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	148.1	Conv. (m3/s)		148.1	
Length Wtd. (m)	28.20	Wetted Per. (m)		64.57	
Min Ch El (m)	32.68	Shear (N/m2)		0.75	
Alpha	1.00	Stream Power (N/m s)		0.13	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		3.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		12.97	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T50 anni - Post

E.G. Elev (m)	33.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.26	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		25.23	
E.G. Slope (m/m)	0.000138	Area (m2)		25.23	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	71.94	Top Width (m)		71.94	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	313.5	Conv. (m3/s)		313.5	
Length Wtd. (m)	28.20	Wetted Per. (m)		71.99	
Min Ch El (m)	32.68	Shear (N/m2)		0.47	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.07	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		5.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.91	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		55.41	
E.G. Slope (m/m)	0.000023	Area (m2)		55.41	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	90.51	Top Width (m)		90.51	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	0.95	Hydr. Depth (m)		0.61	
Conv. Total (m3/s)	998.0	Conv. (m3/s)		998.0	
Length Wtd. (m)	28.20	Wetted Per. (m)		90.59	
Min Ch El (m)	32.68	Shear (N/m2)		0.14	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		11.58	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.20	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		109.05	
E.G. Slope (m/m)	0.000005	Area (m2)		109.05	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	117.22	Top Width (m)		117.22	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.46	Hydr. Depth (m)		0.93	
Conv. Total (m3/s)	2596.1	Conv. (m3/s)		2596.1	
Length Wtd. (m)	28.20	Wetted Per. (m)		117.35	
Min Ch El (m)	32.68	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		21.81	
C & E Loss (m)	0.00	Cum SA (1000 m2)		25.25	

Plan: AnPo River 1 Reach 1 RS: 358 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	28.20	28.20	28.20
Crit W.S. (m)		Flow Area (m2)		134.04	
E.G. Slope (m/m)	0.000005	Area (m2)		134.04	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	128.81	Top Width (m)		128.81	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.66	Hydr. Depth (m)		1.04	
Conv. Total (m3/s)	3436.0	Conv. (m3/s)		3436.0	
Length Wtd. (m)	28.20	Wetted Per. (m)		128.98	
Min Ch El (m)	32.68	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		28.51	
C & E Loss (m)	0.00	Cum SA (1000 m2)		26.70	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T25 anni - Ante

E.G. Elev (m)	33.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.07	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.75	Flow Area (m2)		18.94	
E.G. Slope (m/m)	0.000094	Area (m2)		18.94	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	72.42	Top Width (m)		72.42	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	193.6	Conv. (m3/s)		193.6	
Length Wtd. (m)	32.00	Wetted Per. (m)		72.51	
Min Ch El (m)	32.61	Shear (N/m2)		0.24	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.02	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.80	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T50 anni - Ante

E.G. Elev (m)	33.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.12	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.77	Flow Area (m2)		22.78	
E.G. Slope (m/m)	0.000123	Area (m2)		22.78	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	80.85	Top Width (m)		80.85	
Vel Total (m/s)	0.12	Avg. Vel. (m/s)		0.12	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	244.5	Conv. (m3/s)		244.5	
Length Wtd. (m)	32.00	Wetted Per. (m)		80.95	
Min Ch El (m)	32.61	Shear (N/m2)		0.34	
Alpha	1.00	Stream Power (N/m s)		0.04	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.71	
C & E Loss (m)	0.00	Cum SA (1000 m2)		11.12	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T100 anni - Ante

E.G. Elev (m)	33.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.25	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.79	Flow Area (m2)		34.24	
E.G. Slope (m/m)	0.000074	Area (m2)		34.24	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	99.24	Top Width (m)		99.24	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	420.8	Conv. (m3/s)		420.8	
Length Wtd. (m)	32.00	Wetted Per. (m)		99.34	
Min Ch El (m)	32.61	Shear (N/m2)		0.25	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.34	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T200 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.56	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.81	Flow Area (m2)		68.10	
E.G. Slope (m/m)	0.000016	Area (m2)		68.10	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T200 anni - Ante (Continued)

Top Width (m)	120.24	Top Width (m)		120.24	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	0.95	Hydr. Depth (m)		0.57	
Conv. Total (m3/s)	1164.5	Conv. (m3/s)		1164.5	
Length Wtd. (m)	32.00	Wetted Per. (m)		120.37	
Min Ch El (m)	32.61	Shear (N/m2)		0.09	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		8.72	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.45	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T500 anni - Ante

E.G. Elev (m)	34.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.84	Flow Area (m2)		153.39	
E.G. Slope (m/m)	0.000003	Area (m2)		153.39	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	164.80	Top Width (m)		164.80	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	1.54	Hydr. Depth (m)		0.93	
Conv. Total (m3/s)	3653.2	Conv. (m3/s)		3653.2	
Length Wtd. (m)	32.00	Wetted Per. (m)		164.97	
Min Ch El (m)	32.61	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		18.46	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.36	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T25 anni - Post

E.G. Elev (m)	33.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.12	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.77	Flow Area (m2)		22.41	
E.G. Slope (m/m)	0.000121	Area (m2)		22.41	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	79.20	Top Width (m)		79.20	
Vel Total (m/s)	0.12	Avg. Vel. (m/s)		0.12	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	241.2	Conv. (m3/s)		241.2	
Length Wtd. (m)	32.00	Wetted Per. (m)		79.29	
Min Ch El (m)	32.61	Shear (N/m2)		0.33	
Alpha	1.00	Stream Power (N/m s)		0.04	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.94	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T50 anni - Post

E.G. Elev (m)	33.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.26	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.80	Flow Area (m2)		35.43	
E.G. Slope (m/m)	0.000069	Area (m2)		35.43	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	99.78	Top Width (m)		99.78	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	443.9	Conv. (m3/s)		443.9	
Length Wtd. (m)	32.00	Wetted Per. (m)		99.89	
Min Ch El (m)	32.61	Shear (N/m2)		0.24	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.49	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.82	Flow Area (m2)		76.48	
E.G. Slope (m/m)	0.000013	Area (m2)		76.48	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	132.23	Top Width (m)		132.23	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.02	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1326.4	Conv. (m3/s)		1326.4	
Length Wtd. (m)	32.00	Wetted Per. (m)		132.36	
Min Ch El (m)	32.61	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		9.72	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.06	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.84	Flow Area (m2)		150.50	
E.G. Slope (m/m)	0.000003	Area (m2)		150.50	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	164.16	Top Width (m)		164.16	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	1.53	Hydr. Depth (m)		0.92	
Conv. Total (m3/s)	3548.2	Conv. (m3/s)		3548.2	
Length Wtd. (m)	32.00	Wetted Per. (m)		164.34	
Min Ch El (m)	32.61	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		18.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.28	

Plan: AnPo River 1 Reach 1 RS: 330 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	32.00	32.00	32.00
Crit W.S. (m)	32.86	Flow Area (m2)		184.93	
E.G. Slope (m/m)	0.000003	Area (m2)		184.93	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	173.23	Top Width (m)		173.23	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	1.73	Hydr. Depth (m)		1.07	
Conv. Total (m3/s)	4825.7	Conv. (m3/s)		4825.7	
Length Wtd. (m)	32.00	Wetted Per. (m)		173.42	
Min Ch El (m)	32.61	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		22.02	
C & E Loss (m)	0.00	Cum SA (1000 m2)		22.44	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T25 anni - Ante

E.G. Elev (m)	33.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.07	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		21.01	
E.G. Slope (m/m)	0.000081	Area (m2)		21.01	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	83.64	Top Width (m)		83.64	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	209.1	Conv. (m3/s)		209.1	
Length Wtd. (m)	30.20	Wetted Per. (m)		83.71	
Min Ch El (m)	32.61	Shear (N/m2)		0.20	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		1.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.30	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T50 anni - Ante

E.G. Elev (m)	33.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.12	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		25.29	
E.G. Slope (m/m)	0.000097	Area (m2)		25.29	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	88.28	Top Width (m)		88.28	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	274.7	Conv. (m3/s)		274.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		88.36	
Min Ch El (m)	32.61	Shear (N/m2)		0.27	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.94	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.41	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T100 anni - Ante

E.G. Elev (m)	33.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.25	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		37.58	
E.G. Slope (m/m)	0.000055	Area (m2)		37.58	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	99.25	Top Width (m)		99.25	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	491.3	Conv. (m3/s)		491.3	
Length Wtd. (m)	30.20	Wetted Per. (m)		99.35	
Min Ch El (m)	32.61	Shear (N/m2)		0.20	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.34	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.16	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T200 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.56	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		71.54	
E.G. Slope (m/m)	0.000012	Area (m2)		71.54	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 295 Profile: T200 anni - Ante (Continued)

Top Width (m)	113.39	Top Width (m)		113.39	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.63	
Conv. Total (m3/s)	1314.5	Conv. (m3/s)		1314.5	
Length Wtd. (m)	30.20	Wetted Per. (m)		113.52	
Min Ch El (m)	32.61	Shear (N/m2)		0.08	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		6.48	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.72	

Plan: AnPo River 1 Reach 1 RS: 295 Profile: T500 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		143.83	
E.G. Slope (m/m)	0.000002	Area (m2)		143.83	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	131.67	Top Width (m)		131.67	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	1.55	Hydr. Depth (m)		1.09	
Conv. Total (m3/s)	3810.1	Conv. (m3/s)		3810.1	
Length Wtd. (m)	30.20	Wetted Per. (m)		131.86	
Min Ch El (m)	32.61	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		13.71	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.62	

Plan: AnPo River 1 Reach 1 RS: 295 Profile: T25 anni - Post

E.G. Elev (m)	33.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.11	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		24.89	
E.G. Slope (m/m)	0.000097	Area (m2)		24.89	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	87.12	Top Width (m)		87.12	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	269.8	Conv. (m3/s)		269.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		87.20	
Min Ch El (m)	32.61	Shear (N/m2)		0.27	
Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.88	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.28	

Plan: AnPo River 1 Reach 1 RS: 295 Profile: T50 anni - Post

E.G. Elev (m)	33.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.26	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		38.79	
E.G. Slope (m/m)	0.000051	Area (m2)		38.79	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	100.48	Top Width (m)		100.48	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	513.7	Conv. (m3/s)		513.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		100.59	
Min Ch El (m)	32.61	Shear (N/m2)		0.19	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.45	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.28	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		79.15	
E.G. Slope (m/m)	0.000010	Area (m2)		79.15	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	114.48	Top Width (m)		114.48	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.02	Hydr. Depth (m)		0.69	
Conv. Total (m3/s)	1546.0	Conv. (m3/s)		1546.0	
Length Wtd. (m)	30.20	Wetted Per. (m)		114.62	
Min Ch El (m)	32.61	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		7.23	
C & E Loss (m)	0.00	Cum SA (1000 m2)		14.11	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		141.52	
E.G. Slope (m/m)	0.000003	Area (m2)		141.52	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	131.12	Top Width (m)		131.12	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	1.53	Hydr. Depth (m)		1.08	
Conv. Total (m3/s)	3718.8	Conv. (m3/s)		3718.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		131.32	
Min Ch El (m)	32.61	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		13.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.56	

Plan: AnPo River 1 Reach 1 RS: 298 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		168.86	
E.G. Slope (m/m)	0.000002	Area (m2)		168.86	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	136.48	Top Width (m)		136.48	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.73	Hydr. Depth (m)		1.24	
Conv. Total (m3/s)	4860.5	Conv. (m3/s)		4860.5	
Length Wtd. (m)	30.20	Wetted Per. (m)		136.69	
Min Ch El (m)	32.61	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		16.35	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.48	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T25 anni - Ante

E.G. Elev (m)	33.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.06	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		11.37	
E.G. Slope (m/m)	0.000402	Area (m2)		11.37	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	59.93	Top Width (m)		59.93	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	93.8	Conv. (m3/s)		93.8	
Length Wtd. (m)	26.80	Wetted Per. (m)		60.00	
Min Ch El (m)	32.63	Shear (N/m2)		0.75	
Alpha	1.00	Stream Power (N/m s)		0.12	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		0.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		5.13	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T50 anni - Ante

E.G. Elev (m)	33.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.11	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		14.42	
E.G. Slope (m/m)	0.000411	Area (m2)		14.42	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	63.72	Top Width (m)		63.72	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	133.7	Conv. (m3/s)		133.7	
Length Wtd. (m)	26.80	Wetted Per. (m)		63.79	
Min Ch El (m)	32.63	Shear (N/m2)		0.91	
Alpha	1.00	Stream Power (N/m s)		0.17	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		1.34	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.12	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T100 anni - Ante

E.G. Elev (m)	33.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.24	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		23.25	
E.G. Slope (m/m)	0.000149	Area (m2)		23.25	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	69.79	Top Width (m)		69.79	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	279.1	Conv. (m3/s)		279.1	
Length Wtd. (m)	26.80	Wetted Per. (m)		69.85	
Min Ch El (m)	32.63	Shear (N/m2)		0.55	
Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		2.42	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.61	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T200 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.56	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		46.62	
E.G. Slope (m/m)	0.000031	Area (m2)		46.62	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 265 Profile: T200 anni - Ante (Continued)

Top Width (m)	77.90	Top Width (m)		77.90	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.60	
Conv. Total (m3/s)	826.8	Conv. (m3/s)		826.8	
Length Wtd. (m)	26.80	Wetted Per. (m)		78.03	
Min Ch El (m)	32.63	Shear (N/m2)		0.18	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.70	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.83	

Plan: AnPo River 1 Reach 1 RS: 265 Profile: T500 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		97.30	
E.G. Slope (m/m)	0.000006	Area (m2)		97.30	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	93.93	Top Width (m)		93.93	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.52	Hydr. Depth (m)		1.04	
Conv. Total (m3/s)	2487.1	Conv. (m3/s)		2487.1	
Length Wtd. (m)	26.80	Wetted Per. (m)		94.13	
Min Ch El (m)	32.63	Shear (N/m2)		0.06	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		10.07	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.21	

Plan: AnPo River 1 Reach 1 RS: 265 Profile: T25 anni - Post

E.G. Elev (m)	33.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.11	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		14.12	
E.G. Slope (m/m)	0.000419	Area (m2)		14.12	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	63.50	Top Width (m)		63.50	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	129.5	Conv. (m3/s)		129.5	
Length Wtd. (m)	26.80	Wetted Per. (m)		63.58	
Min Ch El (m)	32.63	Shear (N/m2)		0.91	
Alpha	1.00	Stream Power (N/m s)		0.17	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		1.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.01	

Plan: AnPo River 1 Reach 1 RS: 265 Profile: T50 anni - Post

E.G. Elev (m)	33.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.26	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		24.11	
E.G. Slope (m/m)	0.000155	Area (m2)		24.11	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	69.95	Top Width (m)		69.95	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	0.63	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	296.0	Conv. (m3/s)		296.0	
Length Wtd. (m)	26.80	Wetted Per. (m)		70.06	
Min Ch El (m)	32.63	Shear (N/m2)		0.52	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		2.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.71	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		51.89	
E.G. Slope (m/m)	0.000024	Area (m2)		51.89	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	79.23	Top Width (m)		79.23	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	1.00	Hydr. Depth (m)		0.65	
Conv. Total (m3/s)	977.1	Conv. (m3/s)		977.1	
Length Wtd. (m)	26.80	Wetted Per. (m)		79.38	
Min Ch El (m)	32.63	Shear (N/m2)		0.15	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		5.25	
C & E Loss (m)	0.00	Cum SA (1000 m2)		11.19	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		95.65	
E.G. Slope (m/m)	0.000006	Area (m2)		95.65	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	93.56	Top Width (m)		93.56	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.51	Hydr. Depth (m)		1.02	
Conv. Total (m3/s)	2423.5	Conv. (m3/s)		2423.5	
Length Wtd. (m)	26.80	Wetted Per. (m)		93.76	
Min Ch El (m)	32.63	Shear (N/m2)		0.06	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		9.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.16	

Plan: AnPo River 1 Reach 1 RS: 268 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	26.80	26.80	26.80
Crit W.S. (m)		Flow Area (m2)		115.26	
E.G. Slope (m/m)	0.000006	Area (m2)		115.26	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	98.71	Top Width (m)		98.71	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	1.71	Hydr. Depth (m)		1.17	
Conv. Total (m3/s)	3190.6	Conv. (m3/s)		3190.6	
Length Wtd. (m)	26.80	Wetted Per. (m)		98.93	
Min Ch El (m)	32.63	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		12.06	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.93	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T25 anni - Ante

E.G. Elev (m)	33.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.03	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		4.68	
E.G. Slope (m/m)	0.003778	Area (m2)		4.68	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	34.90	Top Width (m)		34.90	
Vel Total (m/s)	0.40	Avg. Vel. (m/s)		0.40	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	30.6	Conv. (m3/s)		30.6	
Length Wtd. (m)	30.00	Wetted Per. (m)		34.96	
Min Ch El (m)	32.76	Shear (N/m2)		4.96	
Alpha	1.00	Stream Power (N/m s)		1.99	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		0.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.86	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T50 anni - Ante

E.G. Elev (m)	33.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.08	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		6.52	
E.G. Slope (m/m)	0.002854	Area (m2)		6.52	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	37.52	Top Width (m)		37.52	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	50.7	Conv. (m3/s)		50.7	
Length Wtd. (m)	30.00	Wetted Per. (m)		37.58	
Min Ch El (m)	32.76	Shear (N/m2)		4.86	
Alpha	1.00	Stream Power (N/m s)		2.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		1.06	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.76	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T100 anni - Ante

E.G. Elev (m)	33.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.23	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		12.74	
E.G. Slope (m/m)	0.000679	Area (m2)		12.74	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	43.93	Top Width (m)		43.93	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.47	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	139.3	Conv. (m3/s)		139.3	
Length Wtd. (m)	30.00	Wetted Per. (m)		44.01	
Min Ch El (m)	32.76	Shear (N/m2)		1.93	
Alpha	1.00	Stream Power (N/m s)		0.55	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		1.94	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.06	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T200 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.56	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		29.75	
E.G. Slope (m/m)	0.000101	Area (m2)		29.75	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T200 anni - Ante (Continued)

Top Width (m)	60.96	Top Width (m)		60.96	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.80	Hydr. Depth (m)		0.49	
Conv. Total (m3/s)	460.5	Conv. (m3/s)		460.5	
Length Wtd. (m)	30.00	Wetted Per. (m)		61.08	
Min Ch El (m)	32.76	Shear (N/m2)		0.48	
Alpha	1.00	Stream Power (N/m s)		0.08	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.97	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T500 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		72.60	
E.G. Slope (m/m)	0.000013	Area (m2)		72.60	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	81.28	Top Width (m)		81.28	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	1.39	Hydr. Depth (m)		0.89	
Conv. Total (m3/s)	1680.9	Conv. (m3/s)		1680.9	
Length Wtd. (m)	30.00	Wetted Per. (m)		81.45	
Min Ch El (m)	32.76	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		7.79	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.86	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T25 anni - Post

E.G. Elev (m)	33.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.07	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		6.32	
E.G. Slope (m/m)	0.003021	Area (m2)		6.32	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	37.37	Top Width (m)		37.37	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	48.2	Conv. (m3/s)		48.2	
Length Wtd. (m)	30.00	Wetted Per. (m)		37.43	
Min Ch El (m)	32.76	Shear (N/m2)		5.00	
Alpha	1.00	Stream Power (N/m s)		2.10	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		1.02	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.66	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T50 anni - Post

E.G. Elev (m)	33.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.25	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		13.33	
E.G. Slope (m/m)	0.000615	Area (m2)		13.33	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	44.73	Top Width (m)		44.73	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	148.5	Conv. (m3/s)		148.5	
Length Wtd. (m)	30.00	Wetted Per. (m)		44.80	
Min Ch El (m)	32.76	Shear (N/m2)		1.79	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.49	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		2.00	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.17	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		34.02	
E.G. Slope (m/m)	0.000074	Area (m2)		34.02	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	64.03	Top Width (m)		64.03	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.87	Hydr. Depth (m)		0.53	
Conv. Total (m3/s)	557.1	Conv. (m3/s)		557.1	
Length Wtd. (m)	30.00	Wetted Per. (m)		64.15	
Min Ch El (m)	32.76	Shear (N/m2)		0.39	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.27	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		71.17	
E.G. Slope (m/m)	0.000013	Area (m2)		71.17	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	80.88	Top Width (m)		80.88	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	1.38	Hydr. Depth (m)		0.88	
Conv. Total (m3/s)	1631.5	Conv. (m3/s)		1631.5	
Length Wtd. (m)	30.00	Wetted Per. (m)		81.05	
Min Ch El (m)	32.76	Shear (N/m2)		0.12	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		7.66	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.83	

Plan: AnPo River 1 Reach 1 RS: 241 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	30.00	30.00	30.00
Crit W.S. (m)		Flow Area (m2)		88.37	
E.G. Slope (m/m)	0.000012	Area (m2)		88.37	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	88.78	Top Width (m)		88.78	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	1.58	Hydr. Depth (m)		1.00	
Conv. Total (m3/s)	2199.6	Conv. (m3/s)		2199.6	
Length Wtd. (m)	30.00	Wetted Per. (m)		88.96	
Min Ch El (m)	32.76	Shear (N/m2)		0.12	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		9.34	
C & E Loss (m)	0.00	Cum SA (1000 m2)		11.42	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T25 anni - Ante

E.G. Elev (m)	32.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	32.94	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		4.21	
E.G. Slope (m/m)	0.002142	Area (m2)		4.21	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	17.53	Top Width (m)		17.53	
Vel Total (m/s)	0.45	Avg. Vel. (m/s)		0.45	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	40.6	Conv. (m3/s)		40.6	
Length Wtd. (m)	30.20	Wetted Per. (m)		17.61	
Min Ch El (m)	32.52	Shear (N/m2)		5.03	
Alpha	1.00	Stream Power (N/m s)		2.24	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		0.54	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.08	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T50 anni - Ante

E.G. Elev (m)	33.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	32.99	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		4.98	
E.G. Slope (m/m)	0.003010	Area (m2)		4.98	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	19.89	Top Width (m)		19.89	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.47	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	49.4	Conv. (m3/s)		49.4	
Length Wtd. (m)	30.20	Wetted Per. (m)		19.96	
Min Ch El (m)	32.52	Shear (N/m2)		7.37	
Alpha	1.00	Stream Power (N/m s)		4.01	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		0.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.90	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T100 anni - Ante

E.G. Elev (m)	33.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.21	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		11.68	
E.G. Slope (m/m)	0.000652	Area (m2)		11.68	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	34.27	Top Width (m)		34.27	
Vel Total (m/s)	0.31	Avg. Vel. (m/s)		0.31	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	142.2	Conv. (m3/s)		142.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		34.36	
Min Ch El (m)	32.52	Shear (N/m2)		2.17	
Alpha	1.00	Stream Power (N/m s)		0.68	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.57	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.91	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T200 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.56	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		24.97	
E.G. Slope (m/m)	0.000113	Area (m2)		24.97	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T200 anni - Ante (Continued)

Top Width (m)	42.83	Top Width (m)		42.83	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	1.04	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	434.7	Conv. (m3/s)		434.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		42.96	
Min Ch El (m)	32.52	Shear (N/m2)		0.65	
Alpha	1.00	Stream Power (N/m s)		0.12	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.86	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.41	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T500 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		54.30	
E.G. Slope (m/m)	0.000020	Area (m2)		54.30	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	53.92	Top Width (m)		53.92	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	1.63	Hydr. Depth (m)		1.01	
Conv. Total (m3/s)	1360.1	Conv. (m3/s)		1369.1	
Length Wtd. (m)	30.20	Wetted Per. (m)		54.13	
Min Ch El (m)	32.52	Shear (N/m2)		0.19	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		5.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.83	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T25 anni - Post

E.G. Elev (m)	32.99	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	32.98	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		4.80	
E.G. Slope (m/m)	0.003080	Area (m2)		4.80	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	19.06	Top Width (m)		19.06	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	47.7	Conv. (m3/s)		47.7	
Length Wtd. (m)	30.20	Wetted Per. (m)		19.14	
Min Ch El (m)	32.52	Shear (N/m2)		7.60	
Alpha	1.00	Stream Power (N/m s)		4.20	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		0.86	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.81	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T50 anni - Post

E.G. Elev (m)	33.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.23	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		12.20	
E.G. Slope (m/m)	0.000584	Area (m2)		12.20	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	34.53	Top Width (m)		34.53	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	0.71	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	152.2	Conv. (m3/s)		152.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		34.63	
Min Ch El (m)	32.52	Shear (N/m2)		2.02	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.61	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.62	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.98	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T100 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.63	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		27.94	
E.G. Slope (m/m)	0.000088	Area (m2)		27.94	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	44.28	Top Width (m)		44.28	
Vel Total (m/s)	0.17	Avg. Vel. (m/s)		0.17	
Max Chl Dpth (m)	1.11	Hydr. Depth (m)		0.63	
Conv. Total (m3/s)	512.8	Conv. (m3/s)		512.8	
Length Wtd. (m)	30.20	Wetted Per. (m)		44.42	
Min Ch El (m)	32.52	Shear (N/m2)		0.54	
Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.64	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		53.34	
E.G. Slope (m/m)	0.000021	Area (m2)		53.34	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	53.79	Top Width (m)		53.79	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	1.62	Hydr. Depth (m)		0.99	
Conv. Total (m3/s)	1322.9	Conv. (m3/s)		1322.9	
Length Wtd. (m)	30.20	Wetted Per. (m)		53.99	
Min Ch El (m)	32.52	Shear (N/m2)		0.20	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		5.79	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.81	

Plan: AnPo River 1 Reach 1 RS: 211 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	30.20	30.20	30.20
Crit W.S. (m)		Flow Area (m2)		64.51	
E.G. Slope (m/m)	0.000018	Area (m2)		64.51	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	55.46	Top Width (m)		55.46	
Vel Total (m/s)	0.12	Avg. Vel. (m/s)		0.12	
Max Chl Dpth (m)	1.82	Hydr. Depth (m)		1.16	
Conv. Total (m3/s)	1778.2	Conv. (m3/s)		1778.2	
Length Wtd. (m)	30.20	Wetted Per. (m)		55.72	
Min Ch El (m)	32.52	Shear (N/m2)		0.21	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		7.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.26	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T25 anni - Ante

E.G. Elev (m)	32.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	32.73	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)	32.73	Flow Area (m2)		1.82	
E.G. Slope (m/m)	0.033904	Area (m2)		1.82	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	16.96	Top Width (m)		16.96	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	10.2	Conv. (m3/s)		10.2	
Length Wtd. (m)	52.80	Wetted Per. (m)		17.05	
Min Ch El (m)	32.31	Shear (N/m2)		35.43	
Alpha	1.00	Stream Power (N/m s)		36.65	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		0.45	
C & E Loss (m)	0.02	Cum SA (1000 m2)		2.56	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T50 anni - Ante

E.G. Elev (m)	32.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	32.92	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		6.51	
E.G. Slope (m/m)	0.002060	Area (m2)		6.51	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	29.18	Top Width (m)		29.18	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	59.7	Conv. (m3/s)		59.7	
Length Wtd. (m)	52.80	Wetted Per. (m)		29.29	
Min Ch El (m)	32.31	Shear (N/m2)		4.49	
Alpha	1.00	Stream Power (N/m s)		1.87	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		0.72	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.16	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T100 anni - Ante

E.G. Elev (m)	33.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.20	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		16.08	
E.G. Slope (m/m)	0.000260	Area (m2)		16.08	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	38.19	Top Width (m)		38.19	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	225.3	Conv. (m3/s)		225.3	
Length Wtd. (m)	52.80	Wetted Per. (m)		38.32	
Min Ch El (m)	32.31	Shear (N/m2)		1.07	
Alpha	1.00	Stream Power (N/m s)		0.24	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.62	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T200 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.55	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		31.01	
E.G. Slope (m/m)	0.000061	Area (m2)		31.01	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T200 anni - Ante (Continued)

Top Width (m)	46.20	Top Width (m)		46.20	
Vel Total (m/s)	0.15	Avg. Vel. (m/s)		0.15	
Max Chl Dpth (m)	1.24	Hydr. Depth (m)		0.67	
Conv. Total (m3/s)	593.0	Conv. (m3/s)		593.0	
Length Wtd. (m)	52.80	Wetted Per. (m)		46.37	
Min Ch El (m)	32.31	Shear (N/m2)		0.40	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.01	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.06	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T500 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		61.61	
E.G. Slope (m/m)	0.000013	Area (m2)		61.61	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	55.64	Top Width (m)		55.64	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	1.84	Hydr. Depth (m)		1.11	
Conv. Total (m3/s)	1643.6	Conv. (m3/s)		1643.6	
Length Wtd. (m)	52.80	Wetted Per. (m)		55.89	
Min Ch El (m)	32.31	Shear (N/m2)		0.15	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.14	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.18	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T25 anni - Post

E.G. Elev (m)	32.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	32.90	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		5.97	
E.G. Slope (m/m)	0.002487	Area (m2)		5.97	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	28.04	Top Width (m)		28.04	
Vel Total (m/s)	0.44	Avg. Vel. (m/s)		0.44	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	53.1	Conv. (m3/s)		53.1	
Length Wtd. (m)	52.80	Wetted Per. (m)		28.14	
Min Ch El (m)	32.31	Shear (N/m2)		5.18	
Alpha	1.00	Stream Power (N/m s)		2.30	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		0.69	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.10	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T50 anni - Post

E.G. Elev (m)	33.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.22	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		16.70	
E.G. Slope (m/m)	0.000239	Area (m2)		16.70	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	38.63	Top Width (m)		38.63	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.91	Hydr. Depth (m)		0.43	
Conv. Total (m3/s)	238.2	Conv. (m3/s)		238.2	
Length Wtd. (m)	52.80	Wetted Per. (m)		38.78	
Min Ch El (m)	32.31	Shear (N/m2)		1.01	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.88	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T100 anni - Post

E.G. Elev (m)	33.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.62	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		34.24	
E.G. Slope (m/m)	0.000049	Area (m2)		34.24	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	47.52	Top Width (m)		47.52	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	1.31	Hydr. Depth (m)		0.72	
Conv. Total (m3/s)	686.2	Conv. (m3/s)		686.2	
Length Wtd. (m)	52.80	Wetted Per. (m)		47.69	
Min Ch El (m)	32.31	Shear (N/m2)		0.34	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.24	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.26	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.14	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		60.63	
E.G. Slope (m/m)	0.000014	Area (m2)		60.63	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	55.38	Top Width (m)		55.38	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	1.83	Hydr. Depth (m)		1.09	
Conv. Total (m3/s)	1605.2	Conv. (m3/s)		1605.2	
Length Wtd. (m)	52.80	Wetted Per. (m)		55.63	
Min Ch El (m)	32.31	Shear (N/m2)		0.15	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.07	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.16	

Plan: AnPo River 1 Reach 1 RS: 181 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	52.80	52.80	52.80
Crit W.S. (m)		Flow Area (m2)		72.26	
E.G. Slope (m/m)	0.000014	Area (m2)		72.26	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	58.27	Top Width (m)		58.27	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	2.03	Hydr. Depth (m)		1.24	
Conv. Total (m3/s)	2076.6	Conv. (m3/s)		2076.6	
Length Wtd. (m)	52.80	Wetted Per. (m)		58.54	
Min Ch El (m)	32.31	Shear (N/m2)		0.16	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.98	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.54	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T25 anni - Ante

E.G. Elev (m)	32.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.63	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	31.80	Flow Area (m2)		7.37	
E.G. Slope (m/m)	0.000171	Area (m2)		7.37	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	10.34	Top Width (m)		10.34	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	1.19	Hydr. Depth (m)		0.71	
Conv. Total (m3/s)	143.6	Conv. (m3/s)		143.6	
Length Wtd. (m)	26.70	Wetted Per. (m)		10.71	
Min Ch El (m)	31.44	Shear (N/m2)		1.16	
Alpha	1.00	Stream Power (N/m s)		0.30	
Frctn Loss (m)		Cum Volume (1000 m3)		0.21	
C & E Loss (m)		Cum SA (1000 m2)		1.83	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T50 anni - Ante

E.G. Elev (m)	32.90	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.90	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	31.86	Flow Area (m2)		10.54	
E.G. Slope (m/m)	0.000151	Area (m2)		10.54	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	13.35	Top Width (m)		13.35	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	1.46	Hydr. Depth (m)		0.79	
Conv. Total (m3/s)	220.2	Conv. (m3/s)		220.2	
Length Wtd. (m)	26.70	Wetted Per. (m)		13.80	
Min Ch El (m)	31.44	Shear (N/m2)		1.13	
Alpha	1.00	Stream Power (N/m s)		0.29	
Frctn Loss (m)		Cum Volume (1000 m3)		0.27	
C & E Loss (m)		Cum SA (1000 m2)		2.03	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T100 anni - Ante

E.G. Elev (m)	33.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.19	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	31.95	Flow Area (m2)		15.00	
E.G. Slope (m/m)	0.000135	Area (m2)		15.00	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	19.20	Top Width (m)		19.20	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	1.75	Hydr. Depth (m)		0.78	
Conv. Total (m3/s)	312.7	Conv. (m3/s)		312.7	
Length Wtd. (m)	26.70	Wetted Per. (m)		19.71	
Min Ch El (m)	31.44	Shear (N/m2)		1.01	
Alpha	1.00	Stream Power (N/m s)		0.24	
Frctn Loss (m)		Cum Volume (1000 m3)		0.33	
C & E Loss (m)		Cum SA (1000 m2)		2.30	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T200 anni - Ante

E.G. Elev (m)	33.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.55	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	32.02	Flow Area (m2)		29.69	
E.G. Slope (m/m)	0.000115	Area (m2)		29.69	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T200 anni - Ante (Continued)

Top Width (m)	66.09	Top Width (m)		66.09	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	2.11	Hydr. Depth (m)		0.45	
Conv. Total (m3/s)	432.4	Conv. (m3/s)		432.4	
Length Wtd. (m)	26.70	Wetted Per. (m)		66.77	
Min Ch El (m)	31.44	Shear (N/m2)		0.50	
Alpha	1.00	Stream Power (N/m s)		0.08	
Frctn Loss (m)		Cum Volume (1000 m3)		0.41	
C & E Loss (m)		Cum SA (1000 m2)		3.10	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T500 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	32.11	Flow Area (m2)		74.93	
E.G. Slope (m/m)	0.000012	Area (m2)		74.93	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	82.78	Top Width (m)		82.78	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	2.71	Hydr. Depth (m)		0.91	
Conv. Total (m3/s)	1742.6	Conv. (m3/s)		1742.6	
Length Wtd. (m)	26.70	Wetted Per. (m)		83.51	
Min Ch El (m)	31.44	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)		Cum Volume (1000 m3)		0.53	
C & E Loss (m)		Cum SA (1000 m2)		3.53	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T25 anni - Post

E.G. Elev (m)	32.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.88	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	31.87	Flow Area (m2)		10.29	
E.G. Slope (m/m)	0.000153	Area (m2)		10.29	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	13.12	Top Width (m)		13.12	
Vel Total (m/s)	0.26	Avg. Vel. (m/s)		0.26	
Max Chl Dpth (m)	1.44	Hydr. Depth (m)		0.78	
Conv. Total (m3/s)	213.9	Conv. (m3/s)		213.9	
Length Wtd. (m)	26.70	Wetted Per. (m)		13.57	
Min Ch El (m)	31.44	Shear (N/m2)		1.14	
Alpha	1.00	Stream Power (N/m s)		0.29	
Frctn Loss (m)		Cum Volume (1000 m3)		0.26	
C & E Loss (m)		Cum SA (1000 m2)		2.01	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T50 anni - Post

E.G. Elev (m)	33.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.21	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	31.95	Flow Area (m2)		15.33	
E.G. Slope (m/m)	0.000138	Area (m2)		15.33	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	20.20	Top Width (m)		20.20	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	1.77	Hydr. Depth (m)		0.76	
Conv. Total (m3/s)	313.4	Conv. (m3/s)		313.4	
Length Wtd. (m)	26.70	Wetted Per. (m)		20.72	
Min Ch El (m)	31.44	Shear (N/m2)		1.00	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.24	
Frctn Loss (m)		Cum Volume (1000 m3)		0.34	
C & E Loss (m)		Cum SA (1000 m2)		2.33	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T100 anni - Post

E.G. Elev (m)	33.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.62	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	32.03	Flow Area (m2)		34.43	
E.G. Slope (m/m)	0.000080	Area (m2)		34.43	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	69.01	Top Width (m)		69.01	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	2.18	Hydr. Depth (m)		0.50	
Conv. Total (m3/s)	537.9	Conv. (m3/s)		537.9	
Length Wtd. (m)	26.70	Wetted Per. (m)		69.69	
Min Ch El (m)	31.44	Shear (N/m2)		0.39	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)		Cum Volume (1000 m3)		0.42	
C & E Loss (m)		Cum SA (1000 m2)		3.18	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T200 anni - Post

E.G. Elev (m)	34.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.13	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	32.11	Flow Area (m2)		73.47	
E.G. Slope (m/m)	0.000013	Area (m2)		73.47	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	82.45	Top Width (m)		82.45	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	2.69	Hydr. Depth (m)		0.89	
Conv. Total (m3/s)	1690.8	Conv. (m3/s)		1690.8	
Length Wtd. (m)	26.70	Wetted Per. (m)		83.18	
Min Ch El (m)	31.44	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)		Cum Volume (1000 m3)		0.53	
C & E Loss (m)		Cum SA (1000 m2)		3.52	

Plan: AnPo River 1 Reach 1 RS: 128 Profile: T500 anni - Post

E.G. Elev (m)	34.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	26.70	26.70	26.70
Crit W.S. (m)	32.21	Flow Area (m2)		90.70	
E.G. Slope (m/m)	0.000011	Area (m2)		90.70	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	86.07	Top Width (m)		86.07	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	2.90	Hydr. Depth (m)		1.05	
Conv. Total (m3/s)	2334.6	Conv. (m3/s)		2334.6	
Length Wtd. (m)	26.70	Wetted Per. (m)		86.83	
Min Ch El (m)	31.44	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)		Cum Volume (1000 m3)		0.68	
C & E Loss (m)		Cum SA (1000 m2)		3.73	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T25 anni - Ante

E.G. Elev (m)	31.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	31.89	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)		Flow Area (m2)		1.54	
E.G. Slope (m/m)	0.018104	Area (m2)		1.54	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	6.94	Top Width (m)		6.94	
Vel Total (m/s)	1.22	Avg. Vel. (m/s)		1.22	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	14.0	Conv. (m3/s)		14.0	
Length Wtd. (m)	22.50	Wetted Per. (m)		6.99	
Min Ch El (m)	31.52	Shear (N/m2)		38.98	
Alpha	1.00	Stream Power (N/m s)		47.72	
Frctn Loss (m)	0.27	Cum Volume (1000 m3)		0.19	
C & E Loss (m)	0.02	Cum SA (1000 m2)		1.60	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T50 anni - Ante

E.G. Elev (m)	32.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	31.93	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	31.92	Flow Area (m2)		1.82	
E.G. Slope (m/m)	0.023710	Area (m2)		1.82	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	7.45	Top Width (m)		7.45	
Vel Total (m/s)	1.49	Avg. Vel. (m/s)		1.49	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	17.6	Conv. (m3/s)		17.6	
Length Wtd. (m)	22.50	Wetted Per. (m)		7.52	
Min Ch El (m)	31.52	Shear (N/m2)		56.18	
Alpha	1.00	Stream Power (N/m s)		83.84	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		0.24	
C & E Loss (m)	0.03	Cum SA (1000 m2)		1.76	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T100 anni - Ante

E.G. Elev (m)	32.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	31.98	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	31.98	Flow Area (m2)		2.20	
E.G. Slope (m/m)	0.025080	Area (m2)		2.20	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	8.15	Top Width (m)		8.15	
Vel Total (m/s)	1.65	Avg. Vel. (m/s)		1.65	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	22.9	Conv. (m3/s)		22.9	
Length Wtd. (m)	22.50	Wetted Per. (m)		8.22	
Min Ch El (m)	31.52	Shear (N/m2)		65.97	
Alpha	1.00	Stream Power (N/m s)		108.62	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		0.30	
C & E Loss (m)	0.03	Cum SA (1000 m2)		1.94	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T200 anni - Ante

E.G. Elev (m)	32.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.15	Wt. n-Val.		0.040	
W.S. Elev (m)	32.04	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	32.04	Flow Area (m2)		2.67	
E.G. Slope (m/m)	0.024216	Area (m2)		2.67	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T200 anni - Ante (Continued)

Top Width (m)	8.93	Top Width (m)		8.93	
Vel Total (m/s)	1.73	Avg. Vel. (m/s)		1.73	
Max Chl Dpth (m)	0.52	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	29.6	Conv. (m3/s)		29.8	
Length Wtd. (m)	22.50	Wetted Per. (m)		9.01	
Min Ch El (m)	31.52	Shear (N/m2)		70.51	
Alpha	1.00	Stream Power (N/m s)		122.10	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		0.36	
C & E Loss (m)	0.04	Cum SA (1000 m2)		2.10	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T500 anni - Ante

E.G. Elev (m)	32.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.17	Wt. n-Val.		0.040	
W.S. Elev (m)	32.10	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	32.10	Flow Area (m2)		3.29	
E.G. Slope (m/m)	0.023416	Area (m2)		3.29	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	9.82	Top Width (m)		9.82	
Vel Total (m/s)	1.83	Avg. Vel. (m/s)		1.83	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	39.3	Conv. (m3/s)		39.3	
Length Wtd. (m)	22.50	Wetted Per. (m)		9.91	
Min Ch El (m)	31.52	Shear (N/m2)		76.13	
Alpha	1.00	Stream Power (N/m s)		139.51	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.44	
C & E Loss (m)	0.04	Cum SA (1000 m2)		2.29	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T25 anni - Post

E.G. Elev (m)	32.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	31.93	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	31.92	Flow Area (m2)		1.79	
E.G. Slope (m/m)	0.023394	Area (m2)		1.79	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	7.42	Top Width (m)		7.42	
Vel Total (m/s)	1.48	Avg. Vel. (m/s)		1.48	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	17.3	Conv. (m3/s)		17.3	
Length Wtd. (m)	22.50	Wetted Per. (m)		7.48	
Min Ch El (m)	31.52	Shear (N/m2)		55.06	
Alpha	1.00	Stream Power (N/m s)		81.31	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		0.24	
C & E Loss (m)	0.03	Cum SA (1000 m2)		1.74	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T50 anni - Post

E.G. Elev (m)	32.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	31.98	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	31.98	Flow Area (m2)		2.23	
E.G. Slope (m/m)	0.025028	Area (m2)		2.23	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	8.19	Top Width (m)		8.19	
Vel Total (m/s)	1.65	Avg. Vel. (m/s)		1.65	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	23.3	Conv. (m3/s)		23.3	
Length Wtd. (m)	22.50	Wetted Per. (m)		8.28	
Min Ch El (m)	31.52	Shear (N/m2)		66.21	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		109.33	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		0.31	
C & E Loss (m)	0.03	Cum SA (1000 m2)		1.95	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T100 anni - Post

E.G. Elev (m)	32.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.		0.040	
W.S. Elev (m)	32.05	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	32.05	Flow Area (m2)		2.75	
E.G. Slope (m/m)	0.024084	Area (m2)		2.75	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	9.05	Top Width (m)		9.05	
Vel Total (m/s)	1.74	Avg. Vel. (m/s)		1.74	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	30.9	Conv. (m3/s)		30.9	
Length Wtd. (m)	22.50	Wetted Per. (m)		9.13	
Min Ch El (m)	31.52	Shear (N/m2)		71.18	
Alpha	1.00	Stream Power (N/m s)		124.15	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		0.37	
C & E Loss (m)	0.04	Cum SA (1000 m2)		2.14	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T200 anni - Post

E.G. Elev (m)	32.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.17	Wt. n-Val.		0.040	
W.S. Elev (m)	32.10	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	32.10	Flow Area (m2)		3.27	
E.G. Slope (m/m)	0.023421	Area (m2)		3.27	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	9.81	Top Width (m)		9.81	
Vel Total (m/s)	1.83	Avg. Vel. (m/s)		1.83	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	39.1	Conv. (m3/s)		39.1	
Length Wtd. (m)	22.50	Wetted Per. (m)		9.89	
Min Ch El (m)	31.52	Shear (N/m2)		75.99	
Alpha	1.00	Stream Power (N/m s)		139.06	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.44	
C & E Loss (m)	0.04	Cum SA (1000 m2)		2.29	

Plan: AnPo River 1 Reach 1 RS: 101 Profile: T500 anni - Post

E.G. Elev (m)	32.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.19	Wt. n-Val.		0.040	
W.S. Elev (m)	32.17	Reach Len. (m)	22.50	22.50	22.50
Crit W.S. (m)	32.17	Flow Area (m2)		3.99	
E.G. Slope (m/m)	0.022423	Area (m2)		3.99	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	10.78	Top Width (m)		10.78	
Vel Total (m/s)	1.92	Avg. Vel. (m/s)		1.92	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	51.0	Conv. (m3/s)		51.0	
Length Wtd. (m)	22.50	Wetted Per. (m)		10.88	
Min Ch El (m)	31.52	Shear (N/m2)		80.55	
Alpha	1.00	Stream Power (N/m s)		154.39	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		0.52	
C & E Loss (m)	0.04	Cum SA (1000 m2)		2.44	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T25 anni - Ante

E.G. Elev (m)	31.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.66	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)		Flow Area (m2)		3.46	
E.G. Slope (m/m)	0.008592	Area (m2)		3.46	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	30.44	Top Width (m)		30.44	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.18	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	20.3	Conv. (m3/s)		20.3	
Length Wtd. (m)	18.50	Wetted Per. (m)		30.47	
Min Ch El (m)	31.48	Shear (N/m2)		9.57	
Alpha	1.00	Stream Power (N/m s)		5.20	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		0.13	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.18	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T50 anni - Ante

E.G. Elev (m)	31.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.70	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)		Flow Area (m2)		4.46	
E.G. Slope (m/m)	0.008636	Area (m2)		4.46	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	33.18	Top Width (m)		33.18	
Vel Total (m/s)	0.61	Avg. Vel. (m/s)		0.61	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	29.2	Conv. (m3/s)		29.2	
Length Wtd. (m)	18.50	Wetted Per. (m)		33.22	
Min Ch El (m)	31.48	Shear (N/m2)		11.35	
Alpha	1.00	Stream Power (N/m s)		6.91	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		0.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.30	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T100 anni - Ante

E.G. Elev (m)	31.75	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.72	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.66	Flow Area (m2)		5.38	
E.G. Slope (m/m)	0.008846	Area (m2)		5.38	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	35.00	Top Width (m)		35.00	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	38.6	Conv. (m3/s)		38.6	
Length Wtd. (m)	18.50	Wetted Per. (m)		35.05	
Min Ch El (m)	31.48	Shear (N/m2)		13.32	
Alpha	1.00	Stream Power (N/m s)		8.98	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		0.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.45	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T200 anni - Ante

E.G. Elev (m)	31.78	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.75	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.69	Flow Area (m2)		6.30	
E.G. Slope (m/m)	0.008955	Area (m2)		6.30	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T200 anni - Ante (Continued)

Top Width (m)	36.39	Top Width (m)		36.39	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	48.9	Conv. (m3/s)		48.9	
Length Wtd. (m)	18.50	Wetted Per. (m)		38.44	
Min Ch El (m)	31.48	Shear (N/m2)		15.19	
Alpha	1.00	Stream Power (N/m s)		11.16	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		0.26	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.59	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T500 anni - Ante

E.G. Elev (m)	31.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.78	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.71	Flow Area (m2)		7.38	
E.G. Slope (m/m)	0.009388	Area (m2)		7.38	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	37.73	Top Width (m)		37.73	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	62.1	Conv. (m3/s)		62.1	
Length Wtd. (m)	18.50	Wetted Per. (m)		37.79	
Min Ch El (m)	31.48	Shear (N/m2)		17.98	
Alpha	1.00	Stream Power (N/m s)		14.66	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		0.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.75	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T25 anni - Post

E.G. Elev (m)	31.71	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.69	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)		Flow Area (m2)		4.39	
E.G. Slope (m/m)	0.008586	Area (m2)		4.39	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	32.95	Top Width (m)		32.95	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	28.6	Conv. (m3/s)		28.6	
Length Wtd. (m)	18.50	Wetted Per. (m)		32.99	
Min Ch El (m)	31.48	Shear (N/m2)		11.21	
Alpha	1.00	Stream Power (N/m s)		6.77	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		0.17	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.28	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T50 anni - Post

E.G. Elev (m)	31.75	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.72	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.67	Flow Area (m2)		5.42	
E.G. Slope (m/m)	0.008908	Area (m2)		5.42	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	35.06	Top Width (m)		35.06	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	39.0	Conv. (m3/s)		39.0	
Length Wtd. (m)	18.50	Wetted Per. (m)		35.11	
Min Ch El (m)	31.48	Shear (N/m2)		13.48	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		9.16	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		0.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.46	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T100 anni - Post

E.G. Elev (m)	31.78	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.75	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.69	Flow Area (m2)		6.46	
E.G. Slope (m/m)	0.006933	Area (m2)		6.46	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	36.59	Top Width (m)		36.59	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	50.8	Conv. (m3/s)		50.8	
Length Wtd. (m)	18.50	Wetted Per. (m)		36.64	
Min Ch El (m)	31.48	Shear (N/m2)		15.45	
Alpha	1.00	Stream Power (N/m s)		11.48	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		0.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.63	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T200 anni - Post

E.G. Elev (m)	31.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.78	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.71	Flow Area (m2)		7.36	
E.G. Slope (m/m)	0.009377	Area (m2)		7.36	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	37.71	Top Width (m)		37.71	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	61.9	Conv. (m3/s)		61.9	
Length Wtd. (m)	18.50	Wetted Per. (m)		37.77	
Min Ch El (m)	31.48	Shear (N/m2)		17.92	
Alpha	1.00	Stream Power (N/m s)		14.59	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		0.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.75	

Plan: AnPo River 1 Reach 1 RS: 79 Profile: T500 anni - Post

E.G. Elev (m)	31.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	31.81	Reach Len. (m)	18.50	18.50	18.50
Crit W.S. (m)	31.74	Flow Area (m2)		8.43	
E.G. Slope (m/m)	0.010141	Area (m2)		8.43	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	39.00	Top Width (m)		39.00	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	75.9	Conv. (m3/s)		75.9	
Length Wtd. (m)	18.50	Wetted Per. (m)		39.07	
Min Ch El (m)	31.48	Shear (N/m2)		21.47	
Alpha	1.00	Stream Power (N/m s)		19.45	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		0.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.88	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T25 anni - Ante

E.G. Elev (m)	31.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.39	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.38	Flow Area (m2)		2.27	
E.G. Slope (m/m)	0.023575	Area (m2)		2.27	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	22.67	Top Width (m)		22.67	
Vel Total (m/s)	0.83	Avg. Vel. (m/s)		0.83	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	12.2	Conv. (m3/s)		12.2	
Length Wtd. (m)	28.70	Wetted Per. (m)		22.71	
Min Ch El (m)	31.12	Shear (N/m2)		23.13	
Alpha	1.00	Stream Power (N/m s)		19.14	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.08	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.69	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T50 anni - Ante

E.G. Elev (m)	31.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	31.42	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.40	Flow Area (m2)		2.99	
E.G. Slope (m/m)	0.023303	Area (m2)		2.99	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	25.79	Top Width (m)		25.79	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	17.8	Conv. (m3/s)		17.8	
Length Wtd. (m)	28.70	Wetted Per. (m)		25.84	
Min Ch El (m)	31.12	Shear (N/m2)		26.45	
Alpha	1.00	Stream Power (N/m s)		23.97	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.11	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.75	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T100 anni - Ante

E.G. Elev (m)	31.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	31.46	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.44	Flow Area (m2)		3.85	
E.G. Slope (m/m)	0.022329	Area (m2)		3.85	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	30.33	Top Width (m)		30.33	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	24.3	Conv. (m3/s)		24.3	
Length Wtd. (m)	28.70	Wetted Per. (m)		30.38	
Min Ch El (m)	31.12	Shear (N/m2)		27.76	
Alpha	1.00	Stream Power (N/m s)		26.17	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		0.13	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.85	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T200 anni - Ante

E.G. Elev (m)	31.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	31.48	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.46	Flow Area (m2)		4.78	
E.G. Slope (m/m)	0.021276	Area (m2)		4.78	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T200 anni - Ante (Continued)

Top Width (m)	34.87	Top Width (m)		34.87	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	31.7	Conv. (m3/s)		31.7	
Length Wtd. (m)	28.70	Wetted Per. (m)		34.92	
Min Ch El (m)	31.12	Shear (N/m2)		28.56	
Alpha	1.00	Stream Power (N/m s)		27.67	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.16	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.93	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T500 anni - Ante

E.G. Elev (m)	31.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	31.52	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.49	Flow Area (m2)		6.04	
E.G. Slope (m/m)	0.019878	Area (m2)		6.04	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	39.77	Top Width (m)		39.77	
Vel Total (m/s)	1.00	Avg. Vel. (m/s)		1.00	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	42.9	Conv. (m3/s)		42.9	
Length Wtd. (m)	28.70	Wetted Per. (m)		39.82	
Min Ch El (m)	31.12	Shear (N/m2)		29.28	
Alpha	1.00	Stream Power (N/m s)		29.17	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.20	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.04	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T25 anni - Post

E.G. Elev (m)	31.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	31.42	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.40	Flow Area (m2)		2.92	
E.G. Slope (m/m)	0.023587	Area (m2)		2.92	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	25.31	Top Width (m)		25.31	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	17.3	Conv. (m3/s)		17.3	
Length Wtd. (m)	28.70	Wetted Per. (m)		25.35	
Min Ch El (m)	31.12	Shear (N/m2)		26.62	
Alpha	1.00	Stream Power (N/m s)		24.18	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.10	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.75	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T50 anni - Post

E.G. Elev (m)	31.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	31.46	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.44	Flow Area (m2)		3.92	
E.G. Slope (m/m)	0.021975	Area (m2)		3.92	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	30.63	Top Width (m)		30.63	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	24.8	Conv. (m3/s)		24.8	
Length Wtd. (m)	28.70	Wetted Per. (m)		30.68	
Min Ch El (m)	31.12	Shear (N/m2)		27.51	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		25.85	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		0.13	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.85	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T100 anni - Post

E.G. Elev (m)	31.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	31.49	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.47	Flow Area (m2)		4.95	
E.G. Slope (m/m)	0.021370	Area (m2)		4.95	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	36.23	Top Width (m)		36.23	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	32.8	Conv. (m3/s)		32.8	
Length Wtd. (m)	28.70	Wetted Per. (m)		36.28	
Min Ch El (m)	31.12	Shear (N/m2)		28.61	
Alpha	1.00	Stream Power (N/m s)		27.73	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.16	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.96	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T200 anni - Post

E.G. Elev (m)	31.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	31.52	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)	31.49	Flow Area (m2)		6.01	
E.G. Slope (m/m)	0.019712	Area (m2)		6.01	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	39.73	Top Width (m)		39.73	
Vel Total (m/s)	1.00	Avg. Vel. (m/s)		1.00	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	42.7	Conv. (m3/s)		42.7	
Length Wtd. (m)	28.70	Wetted Per. (m)		39.78	
Min Ch El (m)	31.12	Shear (N/m2)		29.22	
Alpha	1.00	Stream Power (N/m s)		29.11	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.19	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.04	

Plan: AnPo River 1 Reach 1 RS: 61 Profile: T500 anni - Post

E.G. Elev (m)	31.60	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	31.55	Reach Len. (m)	28.70	28.70	28.70
Crit W.S. (m)		Flow Area (m2)		7.35	
E.G. Slope (m/m)	0.017334	Area (m2)		7.35	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	41.36	Top Width (m)		41.36	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	56.0	Conv. (m3/s)		56.0	
Length Wtd. (m)	28.70	Wetted Per. (m)		41.41	
Min Ch El (m)	31.12	Shear (N/m2)		30.17	
Alpha	1.00	Stream Power (N/m s)		31.36	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		0.24	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.13	

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T25 anni - Ante

E.G. Elev (m)	31.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.07	Reach Len. (m)			
Crit W.S. (m)	31.00	Flow Area (m2)		3.43	
E.G. Slope (m/m)	0.007005	Area (m2)		3.43	
Q Total (m3/s)	1.88	Flow (m3/s)		1.88	
Top Width (m)	25.53	Top Width (m)		25.53	
Vel Total (m/s)	0.55	Avg. Vel. (m/s)		0.55	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	22.5	Conv. (m3/s)		22.5	
Length Wtd. (m)		Wetted Per. (m)		25.54	
Min Ch El (m)	30.81	Shear (N/m2)		9.22	
Alpha	1.00	Stream Power (N/m s)		5.06	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T50 anni - Ante

E.G. Elev (m)	31.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.10	Reach Len. (m)			
Crit W.S. (m)	31.04	Flow Area (m2)		4.36	
E.G. Slope (m/m)	0.007009	Area (m2)		4.36	
Q Total (m3/s)	2.71	Flow (m3/s)		2.71	
Top Width (m)	26.78	Top Width (m)		26.78	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	32.4	Conv. (m3/s)		32.4	
Length Wtd. (m)		Wetted Per. (m)		28.80	
Min Ch El (m)	30.81	Shear (N/m2)		11.16	
Alpha	1.00	Stream Power (N/m s)		6.95	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T100 anni - Ante

E.G. Elev (m)	31.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.14	Reach Len. (m)			
Crit W.S. (m)	31.06	Flow Area (m2)		5.34	
E.G. Slope (m/m)	0.007002	Area (m2)		5.34	
Q Total (m3/s)	3.63	Flow (m3/s)		3.63	
Top Width (m)	28.74	Top Width (m)		28.74	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	43.4	Conv. (m3/s)		43.4	
Length Wtd. (m)		Wetted Per. (m)		28.76	
Min Ch El (m)	30.81	Shear (N/m2)		12.74	
Alpha	1.00	Stream Power (N/m s)		8.67	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T200 anni - Ante

E.G. Elev (m)	31.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.17	Reach Len. (m)			
Crit W.S. (m)	31.08	Flow Area (m2)		6.28	
E.G. Slope (m/m)	0.006993	Area (m2)		6.28	
Q Total (m3/s)	4.63	Flow (m3/s)		4.63	

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T200 anni - Ante (Continued)

Top Width (m)	29.93	Top Width (m)		29.93	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	55.4	Conv. (m3/s)		55.4	
Length Wtd. (m)		Wetted Per. (m)		29.95	
Min Ch El (m)	30.81	Shear (N/m2)		14.37	
Alpha	1.00	Stream Power (N/m s)		10.60	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T500 anni - Ante

E.G. Elev (m)	31.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.21	Reach Len. (m)			
Crit W.S. (m)	31.11	Flow Area (m2)		7.60	
E.G. Slope (m/m)	0.007000	Area (m2)		7.60	
Q Total (m3/s)	6.02	Flow (m3/s)		6.02	
Top Width (m)	32.54	Top Width (m)		32.54	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	72.0	Conv. (m3/s)		72.0	
Length Wtd. (m)		Wetted Per. (m)		32.56	
Min Ch El (m)	30.81	Shear (N/m2)		16.01	
Alpha	1.00	Stream Power (N/m s)		12.69	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T25 anni - Post

E.G. Elev (m)	31.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.10	Reach Len. (m)			
Crit W.S. (m)	31.03	Flow Area (m2)		4.29	
E.G. Slope (m/m)	0.007000	Area (m2)		4.29	
Q Total (m3/s)	2.65	Flow (m3/s)		2.65	
Top Width (m)	26.65	Top Width (m)		26.65	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	31.7	Conv. (m3/s)		31.7	
Length Wtd. (m)		Wetted Per. (m)		26.67	
Min Ch El (m)	30.81	Shear (N/m2)		11.03	
Alpha	1.00	Stream Power (N/m s)		6.82	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T50 anni - Post

E.G. Elev (m)	31.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	31.14	Reach Len. (m)			
Crit W.S. (m)	31.06	Flow Area (m2)		5.39	
E.G. Slope (m/m)	0.007002	Area (m2)		5.39	
Q Total (m3/s)	3.68	Flow (m3/s)		3.68	
Top Width (m)	28.84	Top Width (m)		28.84	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	44.0	Conv. (m3/s)		44.0	
Length Wtd. (m)		Wetted Per. (m)		28.86	
Min Ch El (m)	30.81	Shear (N/m2)		12.81	

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		8.76	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T100 anni - Post

E.G. Elev (m)	31.21	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.18	Reach Len. (m)			
Crit W.S. (m)	31.09	Flow Area (m2)		6.43	
E.G. Slope (m/m)	0.006987	Area (m2)		6.43	
Q Total (m3/s)	4.80	Flow (m3/s)		4.80	
Top Width (m)	30.08	Top Width (m)		30.08	
Vel Total (m/s)	0.75	Avg. Vel. (m/s)		0.75	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	57.4	Conv. (m3/s)		57.4	
Length Wtd. (m)		Wetted Per. (m)		30.10	
Min Ch El (m)	30.81	Shear (N/m2)		14.63	
Alpha	1.00	Stream Power (N/m s)		10.93	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T200 anni - Post

E.G. Elev (m)	31.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.21	Reach Len. (m)			
Crit W.S. (m)	31.11	Flow Area (m2)		7.57	
E.G. Slope (m/m)	0.007002	Area (m2)		7.57	
Q Total (m3/s)	5.99	Flow (m3/s)		5.99	
Top Width (m)	32.48	Top Width (m)		32.48	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	71.6	Conv. (m3/s)		71.6	
Length Wtd. (m)		Wetted Per. (m)		32.50	
Min Ch El (m)	30.81	Shear (N/m2)		15.99	
Alpha	1.00	Stream Power (N/m s)		12.65	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 1 Reach 1 RS: 32 Profile: T500 anni - Post

E.G. Elev (m)	31.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	31.26	Reach Len. (m)			
Crit W.S. (m)	31.15	Flow Area (m2)		9.28	
E.G. Slope (m/m)	0.007000	Area (m2)		9.28	
Q Total (m3/s)	7.64	Flow (m3/s)		7.64	
Top Width (m)	37.54	Top Width (m)		37.54	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	91.3	Conv. (m3/s)		91.3	
Length Wtd. (m)		Wetted Per. (m)		37.57	
Min Ch El (m)	30.81	Shear (N/m2)		16.95	
Alpha	1.00	Stream Power (N/m s)		13.96	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T25 anni - Ante

E.G. Elev (m)	36.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	36.84	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.82	Flow Area (m2)		1.53	
E.G. Slope (m/m)	0.019442	Area (m2)		1.53	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	30.85	Top Width (m)		30.85	
Vel Total (m/s)	0.47	Avg. Vel. (m/s)		0.47	
Max Chl Dpth (m)	0.13	Hydr. Depth (m)		0.05	
Conv. Total (m3/s)	5.2	Conv. (m3/s)		5.2	
Length Wtd. (m)	30.40	Wetted Per. (m)		30.87	
Min Ch El (m)	36.71	Shear (N/m2)		9.45	
Alpha	1.00	Stream Power (N/m s)		4.45	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		0.39	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.56	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T50 anni - Ante

E.G. Elev (m)	36.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.86	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.84	Flow Area (m2)		2.12	
E.G. Slope (m/m)	0.021287	Area (m2)		2.12	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	34.40	Top Width (m)		34.40	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.15	Hydr. Depth (m)		0.06	
Conv. Total (m3/s)	8.3	Conv. (m3/s)		8.3	
Length Wtd. (m)	30.40	Wetted Per. (m)		34.42	
Min Ch El (m)	36.71	Shear (N/m2)		12.87	
Alpha	1.00	Stream Power (N/m s)		7.33	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		0.65	
C & E Loss (m)	0.00	Cum SA (1000 m2)		5.75	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T100 anni - Ante

E.G. Elev (m)	36.90	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.88	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.86	Flow Area (m2)		2.81	
E.G. Slope (m/m)	0.022046	Area (m2)		2.81	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	39.34	Top Width (m)		39.34	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.17	Hydr. Depth (m)		0.07	
Conv. Total (m3/s)	12.1	Conv. (m3/s)		12.1	
Length Wtd. (m)	30.40	Wetted Per. (m)		39.37	
Min Ch El (m)	36.71	Shear (N/m2)		15.46	
Alpha	1.00	Stream Power (N/m s)		9.89	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		1.23	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.18	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T200 anni - Ante

E.G. Elev (m)	36.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.89	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.88	Flow Area (m2)		3.45	
E.G. Slope (m/m)	0.023910	Area (m2)		3.45	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T200 anni - Ante (Continued)

Top Width (m)	43.13	Top Width (m)		43.13	
Vel Total (m/s)	0.72	Avg. Vel. (m/s)		0.72	
Max Chl Dpth (m)	0.18	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	16.0	Conv. (m3/s)		16.0	
Length Wtd. (m)	30.40	Wetted Per. (m)		43.16	
Min Ch El (m)	36.71	Shear (N/m2)		18.72	
Alpha	1.00	Stream Power (N/m s)		13.42	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		2.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.29	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T500 anni - Ante

E.G. Elev (m)	36.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.92	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.90	Flow Area (m2)		4.83	
E.G. Slope (m/m)	0.016919	Area (m2)		4.83	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	46.53	Top Width (m)		46.53	
Vel Total (m/s)	0.72	Avg. Vel. (m/s)		0.72	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	26.7	Conv. (m3/s)		26.7	
Length Wtd. (m)	30.40	Wetted Per. (m)		46.56	
Min Ch El (m)	36.71	Shear (N/m2)		17.22	
Alpha	1.00	Stream Power (N/m s)		12.37	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		4.43	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.55	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T25 anni - Post

E.G. Elev (m)	36.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.87	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.85	Flow Area (m2)		2.42	
E.G. Slope (m/m)	0.021525	Area (m2)		2.42	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	37.38	Top Width (m)		37.38	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.15	Hydr. Depth (m)		0.06	
Conv. Total (m3/s)	9.7	Conv. (m3/s)		9.7	
Length Wtd. (m)	30.40	Wetted Per. (m)		37.41	
Min Ch El (m)	36.71	Shear (N/m2)		13.65	
Alpha	1.00	Stream Power (N/m s)		8.07	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		0.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.38	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T50 anni - Post

E.G. Elev (m)	36.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.88	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.87	Flow Area (m2)		3.06	
E.G. Slope (m/m)	0.023233	Area (m2)		3.06	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	40.22	Top Width (m)		40.22	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.17	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	13.7	Conv. (m3/s)		13.7	
Length Wtd. (m)	30.40	Wetted Per. (m)		40.25	
Min Ch El (m)	36.71	Shear (N/m2)		17.31	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		11.83	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		1.59	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.91	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T100 anni - Post

E.G. Elev (m)	36.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.91	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.89	Flow Area (m2)		4.28	
E.G. Slope (m/m)	0.016688	Area (m2)		4.28	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	46.04	Top Width (m)		46.04	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.20	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	22.0	Conv. (m3/s)		22.0	
Length Wtd. (m)	30.40	Wetted Per. (m)		46.07	
Min Ch El (m)	36.71	Shear (N/m2)		15.22	
Alpha	1.00	Stream Power (N/m s)		10.09	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		2.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.54	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T200 anni - Post

E.G. Elev (m)	36.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.92	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.90	Flow Area (m2)		5.00	
E.G. Slope (m/m)	0.016818	Area (m2)		5.00	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	46.67	Top Width (m)		46.67	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.21	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	28.1	Conv. (m3/s)		28.1	
Length Wtd. (m)	30.40	Wetted Per. (m)		46.70	
Min Ch El (m)	36.71	Shear (N/m2)		17.64	
Alpha	1.00	Stream Power (N/m s)		12.89	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		4.96	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.32	

Plan: AnPo River 2 Reach 2 RS: 334 Profile: T500 anni - Post

E.G. Elev (m)	36.98	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.95	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	36.92	Flow Area (m2)		5.97	
E.G. Slope (m/m)	0.017124	Area (m2)		5.97	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	46.43	Top Width (m)		46.43	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	37.0	Conv. (m3/s)		37.0	
Length Wtd. (m)	30.40	Wetted Per. (m)		48.47	
Min Ch El (m)	36.71	Shear (N/m2)		20.70	
Alpha	1.00	Stream Power (N/m s)		16.77	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		7.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		22.99	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T25 anni - Ante

E.G. Elev (m)	36.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.30	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.26	Flow Area (m2)		0.96	
E.G. Slope (m/m)	0.015362	Area (m2)		0.96	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	7.96	Top Width (m)		7.96	
Vel Total (m/s)	0.75	Avg. Vel. (m/s)		0.75	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	5.8	Conv. (m3/s)		5.8	
Length Wtd. (m)	28.40	Wetted Per. (m)		7.99	
Min Ch El (m)	36.05	Shear (N/m2)		18.04	
Alpha	1.00	Stream Power (N/m s)		13.58	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.35	
C & E Loss (m)	0.00	Cum SA (1000 m2)		2.96	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T50 anni - Ante

E.G. Elev (m)	36.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.38	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.31	Flow Area (m2)		2.06	
E.G. Slope (m/m)	0.012138	Area (m2)		2.06	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	21.00	Top Width (m)		21.00	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	11.0	Conv. (m3/s)		11.0	
Length Wtd. (m)	28.40	Wetted Per. (m)		21.03	
Min Ch El (m)	36.05	Shear (N/m2)		11.68	
Alpha	1.00	Stream Power (N/m s)		6.85	
Frctn Loss (m)	0.35	Cum Volume (1000 m3)		0.59	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.91	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T100 anni - Ante

E.G. Elev (m)	36.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.41	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.37	Flow Area (m2)		2.92	
E.G. Slope (m/m)	0.011167	Area (m2)		2.92	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	25.82	Top Width (m)		25.82	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	17.0	Conv. (m3/s)		17.0	
Length Wtd. (m)	28.40	Wetted Per. (m)		25.86	
Min Ch El (m)	36.05	Shear (N/m2)		12.38	
Alpha	1.00	Stream Power (N/m s)		7.62	
Frctn Loss (m)	0.36	Cum Volume (1000 m3)		1.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.18	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T200 anni - Ante

E.G. Elev (m)	36.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.44	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.39	Flow Area (m2)		3.74	
E.G. Slope (m/m)	0.010062	Area (m2)		3.74	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T200 anni - Ante (Continued)

Top Width (m)	27.65	Top Width (m)		27.65	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	24.6	Conv. (m3/s)		24.6	
Length Wtd. (m)	28.40	Wetted Per. (m)		27.70	
Min Ch El (m)	36.05	Shear (N/m2)		13.33	
Alpha	1.00	Stream Power (N/m s)		8.80	
Frctn Loss (m)	0.35	Cum Volume (1000 m3)		3.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		12.22	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T500 anni - Ante

E.G. Elev (m)	36.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.46	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.42	Flow Area (m2)		4.26	
E.G. Slope (m/m)	0.013201	Area (m2)		4.26	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	28.20	Top Width (m)		28.20	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	30.2	Conv. (m3/s)		30.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		28.25	
Min Ch El (m)	36.05	Shear (N/m2)		19.53	
Alpha	1.00	Stream Power (N/m s)		15.90	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		4.29	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.41	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T25 anni - Post

E.G. Elev (m)	36.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.39	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.34	Flow Area (m2)		2.44	
E.G. Slope (m/m)	0.011674	Area (m2)		2.44	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	24.10	Top Width (m)		24.10	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	13.2	Conv. (m3/s)		13.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		24.14	
Min Ch El (m)	36.05	Shear (N/m2)		11.57	
Alpha	1.00	Stream Power (N/m s)		6.78	
Frctn Loss (m)	0.36	Cum Volume (1000 m3)		0.79	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.45	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T50 anni - Post

E.G. Elev (m)	36.45	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.43	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.38	Flow Area (m2)		3.31	
E.G. Slope (m/m)	0.010560	Area (m2)		3.31	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	27.06	Top Width (m)		27.06	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	20.3	Conv. (m3/s)		20.3	
Length Wtd. (m)	28.40	Wetted Per. (m)		27.10	
Min Ch El (m)	36.05	Shear (N/m2)		12.64	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		7.99	
Frctn Loss (m)	0.35	Cum Volume (1000 m3)		1.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.89	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T100 anni - Post

E.G. Elev (m)	36.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.44	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.41	Flow Area (m2)		3.70	
E.G. Slope (m/m)	0.013766	Area (m2)		3.70	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	27.61	Top Width (m)		27.61	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	24.2	Conv. (m3/s)		24.2	
Length Wtd. (m)	28.40	Wetted Per. (m)		27.66	
Min Ch El (m)	36.05	Shear (N/m2)		18.06	
Alpha	1.00	Stream Power (N/m s)		13.86	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		2.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		14.42	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T200 anni - Post

E.G. Elev (m)	36.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	36.47	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.43	Flow Area (m2)		4.40	
E.G. Slope (m/m)	0.013218	Area (m2)		4.40	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	28.34	Top Width (m)		28.34	
Vel Total (m/s)	0.83	Avg. Vel. (m/s)		0.83	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	31.7	Conv. (m3/s)		31.7	
Length Wtd. (m)	28.40	Wetted Per. (m)		28.39	
Min Ch El (m)	36.05	Shear (N/m2)		20.09	
Alpha	1.00	Stream Power (N/m s)		16.66	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		4.82	
C & E Loss (m)	0.00	Cum SA (1000 m2)		18.18	

Plan: AnPo River 2 Reach 2 RS: 304 Profile: T500 anni - Post

E.G. Elev (m)	36.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	36.51	Reach Len. (m)	28.40	28.40	28.40
Crit W.S. (m)	36.45	Flow Area (m2)		5.69	
E.G. Slope (m/m)	0.011618	Area (m2)		5.69	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	32.51	Top Width (m)		32.51	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	44.5	Conv. (m3/s)		44.5	
Length Wtd. (m)	28.40	Wetted Per. (m)		32.56	
Min Ch El (m)	36.05	Shear (N/m2)		20.27	
Alpha	1.00	Stream Power (N/m s)		17.23	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		7.20	
C & E Loss (m)	0.00	Cum SA (1000 m2)		21.76	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T25 anni - Ante

E.G. Elev (m)	35.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.97	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	35.91	Flow Area (m2)		1.18	
E.G. Slope (m/m)	0.009484	Area (m2)		1.18	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	9.42	Top Width (m)		9.42	
Vel Total (m/s)	0.61	Avg. Vel. (m/s)		0.61	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	7.4	Conv. (m3/s)		7.4	
Length Wtd. (m)	28.90	Wetted Per. (m)		9.44	
Min Ch El (m)	35.72	Shear (N/m2)		11.66	
Alpha	1.00	Stream Power (N/m s)		7.10	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		0.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		2.71	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T50 anni - Ante

E.G. Elev (m)	36.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.02	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	35.96	Flow Area (m2)		1.91	
E.G. Slope (m/m)	0.012767	Area (m2)		1.91	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	17.98	Top Width (m)		17.98	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	10.7	Conv. (m3/s)		10.7	
Length Wtd. (m)	28.90	Wetted Per. (m)		18.00	
Min Ch El (m)	35.72	Shear (N/m2)		13.29	
Alpha	1.00	Stream Power (N/m s)		8.42	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		0.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.36	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T100 anni - Ante

E.G. Elev (m)	36.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.05	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.02	Flow Area (m2)		2.45	
E.G. Slope (m/m)	0.014155	Area (m2)		2.45	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	19.96	Top Width (m)		19.96	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	15.1	Conv. (m3/s)		15.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		19.98	
Min Ch El (m)	35.72	Shear (N/m2)		17.03	
Alpha	1.00	Stream Power (N/m s)		12.50	
Frctn Loss (m)	0.37	Cum Volume (1000 m3)		1.07	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.54	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T200 anni - Ante

E.G. Elev (m)	36.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.08	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.04	Flow Area (m2)		3.11	
E.G. Slope (m/m)	0.015894	Area (m2)		3.11	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T200 anni - Ante (Continued)

Top Width (m)	24.46	Top Width (m)		24.46	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	19.6	Conv. (m3/s)		19.6	
Length Wtd. (m)	28.90	Wetted Per. (m)		24.49	
Min Ch El (m)	35.72	Shear (N/m2)		19.76	
Alpha	1.00	Stream Power (N/m s)		15.72	
Frctn Loss (m)	0.37	Cum Volume (1000 m3)		1.94	
C & E Loss (m)	0.00	Cum SA (1000 m2)		11.46	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T500 anni - Ante

E.G. Elev (m)	36.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.14	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.08	Flow Area (m2)		4.77	
E.G. Slope (m/m)	0.010341	Area (m2)		4.77	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	31.11	Top Width (m)		31.11	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	34.1	Conv. (m3/s)		34.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		31.14	
Min Ch El (m)	35.72	Shear (N/m2)		15.53	
Alpha	1.00	Stream Power (N/m s)		11.30	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		4.16	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.57	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T25 anni - Post

E.G. Elev (m)	36.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.03	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	35.97	Flow Area (m2)		2.09	
E.G. Slope (m/m)	0.013588	Area (m2)		2.09	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	18.44	Top Width (m)		18.44	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	12.3	Conv. (m3/s)		12.3	
Length Wtd. (m)	28.90	Wetted Per. (m)		18.48	
Min Ch El (m)	35.72	Shear (N/m2)		15.11	
Alpha	1.00	Stream Power (N/m s)		10.32	
Frctn Loss (m)	0.37	Cum Volume (1000 m3)		0.73	
C & E Loss (m)	0.00	Cum SA (1000 m2)		5.84	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T50 anni - Post

E.G. Elev (m)	36.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.06	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.02	Flow Area (m2)		2.73	
E.G. Slope (m/m)	0.014966	Area (m2)		2.73	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	21.75	Top Width (m)		21.75	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	17.1	Conv. (m3/s)		17.1	
Length Wtd. (m)	28.90	Wetted Per. (m)		21.77	
Min Ch El (m)	35.72	Shear (N/m2)		18.39	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		14.09	
Frctn Loss (m)	0.37	Cum Volume (1000 m3)		1.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.20	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T100 anni - Post

E.G. Elev (m)	36.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	36.12	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.06	Flow Area (m2)		4.25	
E.G. Slope (m/m)	0.009896	Area (m2)		4.25	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	30.53	Top Width (m)		30.53	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	28.5	Conv. (m3/s)		28.5	
Length Wtd. (m)	28.90	Wetted Per. (m)		30.55	
Min Ch El (m)	35.72	Shear (N/m2)		13.51	
Alpha	1.00	Stream Power (N/m s)		9.02	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		2.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.59	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T200 anni - Post

E.G. Elev (m)	36.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	36.14	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.09	Flow Area (m2)		4.93	
E.G. Slope (m/m)	0.010315	Area (m2)		4.93	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	31.30	Top Width (m)		31.30	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	35.9	Conv. (m3/s)		35.9	
Length Wtd. (m)	28.90	Wetted Per. (m)		31.32	
Min Ch El (m)	35.72	Shear (N/m2)		15.92	
Alpha	1.00	Stream Power (N/m s)		11.79	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		4.69	
C & E Loss (m)	0.00	Cum SA (1000 m2)		17.33	

Plan: AnPo River 2 Reach 2 RS: 276 Profile: T500 anni - Post

E.G. Elev (m)	36.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	36.16	Reach Len. (m)	28.90	28.90	28.90
Crit W.S. (m)	36.12	Flow Area (m2)		5.57	
E.G. Slope (m/m)	0.012419	Area (m2)		5.57	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	32.01	Top Width (m)		32.01	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	43.4	Conv. (m3/s)		43.4	
Length Wtd. (m)	28.90	Wetted Per. (m)		32.04	
Min Ch El (m)	35.72	Shear (N/m2)		21.19	
Alpha	1.00	Stream Power (N/m s)		18.40	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		7.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		20.84	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T25 anni - Ante

E.G. Elev (m)	35.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.54	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.52	Flow Area (m2)		0.81	
E.G. Slope (m/m)	0.022280	Area (m2)		0.81	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	6.97	Top Width (m)		6.97	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	4.8	Conv. (m3/s)		4.8	
Length Wtd. (m)	21.10	Wetted Per. (m)		6.99	
Min Ch El (m)	35.32	Shear (N/m2)		25.36	
Alpha	1.00	Stream Power (N/m s)		22.52	
Frctn Loss (m)	0.36	Cum Volume (1000 m3)		0.29	
C & E Loss (m)	0.00	Cum SA (1000 m2)		2.47	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T50 anni - Ante

E.G. Elev (m)	35.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.64	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.58	Flow Area (m2)		1.96	
E.G. Slope (m/m)	0.013670	Area (m2)		1.96	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	19.99	Top Width (m)		19.99	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	10.3	Conv. (m3/s)		10.3	
Length Wtd. (m)	21.10	Wetted Per. (m)		20.02	
Min Ch El (m)	35.32	Shear (N/m2)		13.08	
Alpha	1.00	Stream Power (N/m s)		8.10	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		0.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.81	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T100 anni - Ante

E.G. Elev (m)	35.70	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.68	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.64	Flow Area (m2)		2.90	
E.G. Slope (m/m)	0.011634	Area (m2)		2.90	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	26.17	Top Width (m)		26.17	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	16.7	Conv. (m3/s)		16.7	
Length Wtd. (m)	21.10	Wetted Per. (m)		26.20	
Min Ch El (m)	35.32	Shear (N/m2)		12.62	
Alpha	1.00	Stream Power (N/m s)		7.84	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		0.99	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.66	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T200 anni - Ante

E.G. Elev (m)	35.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.71	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.67	Flow Area (m2)		3.73	
E.G. Slope (m/m)	0.010687	Area (m2)		3.73	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T200 anni - Ante (Continued)

Top Width (m)	28.72	Top Width (m)		28.72	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	23.9	Conv. (m3/s)		23.9	
Length Wtd. (m)	21.10	Wetted Per. (m)		28.78	
Min Ch El (m)	35.32	Shear (N/m2)		13.59	
Alpha	1.00	Stream Power (N/m s)		9.00	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		1.84	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.71	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T500 anni - Ante

E.G. Elev (m)	35.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.72	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.69	Flow Area (m2)		3.79	
E.G. Slope (m/m)	0.020080	Area (m2)		3.79	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	28.85	Top Width (m)		28.85	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	24.5	Conv. (m3/s)		24.5	
Length Wtd. (m)	21.10	Wetted Per. (m)		28.89	
Min Ch El (m)	35.32	Shear (N/m2)		25.86	
Alpha	1.00	Stream Power (N/m s)		23.66	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		4.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.71	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T25 anni - Post

E.G. Elev (m)	35.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.66	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.60	Flow Area (m2)		2.37	
E.G. Slope (m/m)	0.012298	Area (m2)		2.37	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	23.43	Top Width (m)		23.43	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	12.9	Conv. (m3/s)		12.9	
Length Wtd. (m)	21.10	Wetted Per. (m)		23.48	
Min Ch El (m)	35.32	Shear (N/m2)		12.21	
Alpha	1.00	Stream Power (N/m s)		7.35	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		0.66	
C & E Loss (m)	0.01	Cum SA (1000 m2)		6.24	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T50 anni - Post

E.G. Elev (m)	35.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	35.70	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.65	Flow Area (m2)		3.29	
E.G. Slope (m/m)	0.011131	Area (m2)		3.29	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	27.77	Top Width (m)		27.77	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	19.8	Conv. (m3/s)		19.8	
Length Wtd. (m)	21.10	Wetted Per. (m)		27.81	
Min Ch El (m)	35.32	Shear (N/m2)		12.91	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		8.20	
Froth Loss (m)	0.36	Cum Volume (1000 m3)		1.32	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.46	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T100 anni - Post

E.G. Elev (m)	35.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.70	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.68	Flow Area (m2)		3.25	
E.G. Slope (m/m)	0.021247	Area (m2)		3.25	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	27.70	Top Width (m)		27.70	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	19.5	Conv. (m3/s)		19.5	
Length Wtd. (m)	21.10	Wetted Per. (m)		27.73	
Min Ch El (m)	35.32	Shear (N/m2)		24.44	
Alpha	1.00	Stream Power (N/m s)		21.34	
Froth Loss (m)	0.35	Cum Volume (1000 m3)		2.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		12.75	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T200 anni - Post

E.G. Elev (m)	35.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.72	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.70	Flow Area (m2)		3.92	
E.G. Slope (m/m)	0.020103	Area (m2)		3.92	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	29.13	Top Width (m)		29.13	
Vel Total (m/s)	0.93	Avg. Vel. (m/s)		0.93	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	25.7	Conv. (m3/s)		25.7	
Length Wtd. (m)	21.10	Wetted Per. (m)		29.16	
Min Ch El (m)	35.32	Shear (N/m2)		26.52	
Alpha	1.00	Stream Power (N/m s)		24.67	
Froth Loss (m)	0.36	Cum Volume (1000 m3)		4.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.46	

Plan: AnPo River 2 Reach 2 RS: 247 Profile: T500 anni - Post

E.G. Elev (m)	35.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	35.76	Reach Len. (m)	21.10	21.10	21.10
Crit W.S. (m)	35.73	Flow Area (m2)		5.24	
E.G. Slope (m/m)	0.015146	Area (m2)		5.24	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	31.89	Top Width (m)		31.89	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	39.3	Conv. (m3/s)		39.3	
Length Wtd. (m)	21.10	Wetted Per. (m)		31.93	
Min Ch El (m)	35.32	Shear (N/m2)		24.40	
Alpha	1.00	Stream Power (N/m s)		22.52	
Froth Loss (m)	0.37	Cum Volume (1000 m3)		6.89	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.92	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T25 anni - Ante

E.G. Elev (m)	35.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.19	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)		Flow Area (m2)		1.00	
E.G. Slope (m/m)	0.013704	Area (m2)		1.00	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	8.10	Top Width (m)		8.10	
Vel Total (m/s)	0.72	Avg. Vel. (m/s)		0.72	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	6.2	Conv. (m3/s)		6.2	
Length Wtd. (m)	23.10	Wetted Per. (m)		8.12	
Min Ch El (m)	34.94	Shear (N/m2)		16.49	
Alpha	1.00	Stream Power (N/m s)		11.92	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		0.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		2.31	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T50 anni - Ante

E.G. Elev (m)	35.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	35.20	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.20	Flow Area (m2)		1.12	
E.G. Slope (m/m)	0.027485	Area (m2)		1.12	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	8.43	Top Width (m)		8.43	
Vel Total (m/s)	1.08	Avg. Vel. (m/s)		1.08	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	7.3	Conv. (m3/s)		7.3	
Length Wtd. (m)	23.10	Wetted Per. (m)		8.45	
Min Ch El (m)	34.94	Shear (N/m2)		35.79	
Alpha	1.00	Stream Power (N/m s)		38.61	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		0.44	
C & E Loss (m)	0.01	Cum SA (1000 m2)		3.51	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T100 anni - Ante

E.G. Elev (m)	35.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.27	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.27	Flow Area (m2)		1.79	
E.G. Slope (m/m)	0.031999	Area (m2)		1.79	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	16.77	Top Width (m)		16.77	
Vel Total (m/s)	1.01	Avg. Vel. (m/s)		1.01	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	10.1	Conv. (m3/s)		10.1	
Length Wtd. (m)	23.10	Wetted Per. (m)		16.80	
Min Ch El (m)	34.94	Shear (N/m2)		33.44	
Alpha	1.00	Stream Power (N/m s)		33.62	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		0.94	
C & E Loss (m)	0.01	Cum SA (1000 m2)		6.42	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T200 anni - Ante

E.G. Elev (m)	35.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.30	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.30	Flow Area (m2)		2.40	
E.G. Slope (m/m)	0.037924	Area (m2)		2.40	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T200 anni - Ante (Continued)

Top Width (m)	24.66	Top Width (m)		24.66	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	12.7	Conv. (m3/s)		12.7	
Length Wtd. (m)	23.10	Wetted Per. (m)		24.69	
Min Ch El (m)	34.94	Shear (N/m2)		36.15	
Alpha	1.00	Stream Power (N/m s)		37.21	
Frctn Loss (m)	0.46	Cum Volume (1000 m3)		1.78	
C & E Loss (m)	0.01	Cum SA (1000 m2)		10.15	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T500 anni - Ante

E.G. Elev (m)	35.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.36	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.32	Flow Area (m2)		4.36	
E.G. Slope (m/m)	0.014630	Area (m2)		4.36	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	32.20	Top Width (m)		32.20	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	28.7	Conv. (m3/s)		28.7	
Length Wtd. (m)	23.10	Wetted Per. (m)		32.23	
Min Ch El (m)	34.94	Shear (N/m2)		19.39	
Alpha	1.00	Stream Power (N/m s)		15.44	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		3.95	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.06	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T25 anni - Post

E.G. Elev (m)	35.29	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	35.22	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.22	Flow Area (m2)		1.21	
E.G. Slope (m/m)	0.031235	Area (m2)		1.21	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	8.75	Top Width (m)		8.75	
Vel Total (m/s)	1.18	Avg. Vel. (m/s)		1.18	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	8.1	Conv. (m3/s)		8.1	
Length Wtd. (m)	23.10	Wetted Per. (m)		8.77	
Min Ch El (m)	34.94	Shear (N/m2)		42.29	
Alpha	1.00	Stream Power (N/m s)		49.92	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		0.63	
C & E Loss (m)	0.02	Cum SA (1000 m2)		4.90	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T50 anni - Post

E.G. Elev (m)	35.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.29	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.29	Flow Area (m2)		2.15	
E.G. Slope (m/m)	0.034859	Area (m2)		2.15	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	22.63	Top Width (m)		22.63	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	11.2	Conv. (m3/s)		11.2	
Length Wtd. (m)	23.10	Wetted Per. (m)		22.68	
Min Ch El (m)	34.94	Shear (N/m2)		32.46	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		31.53	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		1.26	
C & E Loss (m)	0.01	Cum SA (1000 m2)		7.95	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T100 anni - Post

E.G. Elev (m)	35.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.35	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.31	Flow Area (m2)		3.83	
E.G. Slope (m/m)	0.013585	Area (m2)		3.83	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	29.78	Top Width (m)		29.78	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	24.4	Conv. (m3/s)		24.4	
Length Wtd. (m)	23.10	Wetted Per. (m)		29.82	
Min Ch El (m)	34.94	Shear (N/m2)		17.11	
Alpha	1.00	Stream Power (N/m s)		12.69	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		2.45	
C & E Loss (m)	0.00	Cum SA (1000 m2)		12.14	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T200 anni - Post

E.G. Elev (m)	35.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	35.37	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)	35.33	Flow Area (m2)		4.56	
E.G. Slope (m/m)	0.014536	Area (m2)		4.56	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	33.32	Top Width (m)		33.32	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	30.3	Conv. (m3/s)		30.3	
Length Wtd. (m)	23.10	Wetted Per. (m)		33.35	
Min Ch El (m)	34.94	Shear (N/m2)		19.50	
Alpha	1.00	Stream Power (N/m s)		15.60	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		4.47	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.80	

Plan: AnPo River 2 Reach 2 RS: 226 Profile: T500 anni - Post

E.G. Elev (m)	35.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	35.38	Reach Len. (m)	23.10	23.10	23.10
Crit W.S. (m)		Flow Area (m2)		4.97	
E.G. Slope (m/m)	0.020928	Area (m2)		4.97	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	35.56	Top Width (m)		35.56	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	33.5	Conv. (m3/s)		33.5	
Length Wtd. (m)	23.10	Wetted Per. (m)		35.60	
Min Ch El (m)	34.94	Shear (N/m2)		28.66	
Alpha	1.00	Stream Power (N/m s)		27.90	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		6.78	
C & E Loss (m)	0.00	Cum SA (1000 m2)		19.21	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T25 anni - Ante

E.G. Elev (m)	34.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.68	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.68	Flow Area (m2)		0.66	
E.G. Slope (m/m)	0.033275	Area (m2)		0.66	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	5.59	Top Width (m)		5.59	
Vel Total (m/s)	1.09	Avg. Vel. (m/s)		1.09	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	3.9	Conv. (m3/s)		3.9	
Length Wtd. (m)	23.90	Wetted Per. (m)		5.61	
Min Ch El (m)	34.46	Shear (N/m2)		38.29	
Alpha	1.00	Stream Power (N/m s)		41.86	
Frctn Loss (m)	0.27	Cum Volume (1000 m3)		0.26	
C & E Loss (m)	0.02	Cum SA (1000 m2)		2.16	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T50 anni - Ante

E.G. Elev (m)	34.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.79	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.75	Flow Area (m2)		1.88	
E.G. Slope (m/m)	0.014149	Area (m2)		1.88	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	18.74	Top Width (m)		18.74	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	10.2	Conv. (m3/s)		10.2	
Length Wtd. (m)	23.90	Wetted Per. (m)		18.78	
Min Ch El (m)	34.46	Shear (N/m2)		13.92	
Alpha	1.00	Stream Power (N/m s)		8.94	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		0.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.20	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T100 anni - Ante

E.G. Elev (m)	34.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.84	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.79	Flow Area (m2)		3.03	
E.G. Slope (m/m)	0.011123	Area (m2)		3.03	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	28.32	Top Width (m)		28.32	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	17.1	Conv. (m3/s)		17.1	
Length Wtd. (m)	23.90	Wetted Per. (m)		28.37	
Min Ch El (m)	34.46	Shear (N/m2)		11.65	
Alpha	1.00	Stream Power (N/m s)		6.92	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		0.69	
C & E Loss (m)	0.00	Cum SA (1000 m2)		5.90	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T200 anni - Ante

E.G. Elev (m)	34.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.86	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.82	Flow Area (m2)		3.84	
E.G. Slope (m/m)	0.012037	Area (m2)		3.84	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T200 anni - Ante (Continued)

Top Width (m)	33.64	Top Width (m)		33.64	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	22.5	Conv. (m3/s)		22.5	
Length Wtd. (m)	23.90	Wetted Per. (m)		33.71	
Min Ch El (m)	34.46	Shear (N/m2)		13.43	
Alpha	1.00	Stream Power (N/m s)		8.65	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		1.70	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.47	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T500 anni - Ante

E.G. Elev (m)	34.90	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.85	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.85	Flow Area (m2)		3.27	
E.G. Slope (m/m)	0.033603	Area (m2)		3.27	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	29.24	Top Width (m)		29.24	
Vel Total (m/s)	1.06	Avg. Vel. (m/s)		1.06	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	19.0	Conv. (m3/s)		19.0	
Length Wtd. (m)	23.90	Wetted Per. (m)		29.29	
Min Ch El (m)	34.46	Shear (N/m2)		36.68	
Alpha	1.00	Stream Power (N/m s)		38.92	
Frctn Loss (m)	0.64	Cum Volume (1000 m3)		3.87	
C & E Loss (m)	0.02	Cum SA (1000 m2)		14.35	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T25 anni - Post

E.G. Elev (m)	34.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.81	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.77	Flow Area (m2)		2.41	
E.G. Slope (m/m)	0.012120	Area (m2)		2.41	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	23.96	Top Width (m)		23.96	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	13.0	Conv. (m3/s)		13.0	
Length Wtd. (m)	23.90	Wetted Per. (m)		24.01	
Min Ch El (m)	34.46	Shear (N/m2)		11.92	
Alpha	1.00	Stream Power (N/m s)		7.08	
Frctn Loss (m)	0.46	Cum Volume (1000 m3)		0.58	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.52	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T50 anni - Post

E.G. Elev (m)	34.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	34.84	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.80	Flow Area (m2)		3.24	
E.G. Slope (m/m)	0.012455	Area (m2)		3.24	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	29.13	Top Width (m)		29.13	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	18.7	Conv. (m3/s)		18.7	
Length Wtd. (m)	23.90	Wetted Per. (m)		29.18	
Min Ch El (m)	34.46	Shear (N/m2)		13.57	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		8.75	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		1.20	
C & E Loss (m)	0.00	Cum SA (1000 m2)		7.35	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T100 anni - Post

E.G. Elev (m)	34.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.83	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.83	Flow Area (m2)		2.69	
E.G. Slope (m/m)	0.038495	Area (m2)		2.69	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	26.95	Top Width (m)		26.95	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	14.5	Conv. (m3/s)		14.5	
Length Wtd. (m)	23.90	Wetted Per. (m)		27.01	
Min Ch El (m)	34.46	Shear (N/m2)		37.64	
Alpha	1.00	Stream Power (N/m s)		39.70	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		2.38	
C & E Loss (m)	0.01	Cum SA (1000 m2)		11.49	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T200 anni - Post

E.G. Elev (m)	34.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.85	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)	34.85	Flow Area (m2)		3.38	
E.G. Slope (m/m)	0.033836	Area (m2)		3.38	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	29.65	Top Width (m)		29.65	
Vel Total (m/s)	1.08	Avg. Vel. (m/s)		1.08	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	19.8	Conv. (m3/s)		19.8	
Length Wtd. (m)	23.90	Wetted Per. (m)		29.71	
Min Ch El (m)	34.46	Shear (N/m2)		37.76	
Alpha	1.00	Stream Power (N/m s)		40.77	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		4.38	
C & E Loss (m)	0.02	Cum SA (1000 m2)		15.07	

Plan: AnPo River 2 Reach 2 RS: 203 Profile: T500 anni - Post

E.G. Elev (m)	34.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.90	Reach Len. (m)	23.90	23.90	23.90
Crit W.S. (m)		Flow Area (m2)		5.18	
E.G. Slope (m/m)	0.021135	Area (m2)		5.18	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	39.59	Top Width (m)		39.59	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	33.3	Conv. (m3/s)		33.3	
Length Wtd. (m)	23.90	Wetted Per. (m)		39.65	
Min Ch El (m)	34.46	Shear (N/m2)		27.06	
Alpha	1.00	Stream Power (N/m s)		25.30	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		8.66	
C & E Loss (m)	0.01	Cum SA (1000 m2)		18.34	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T25 anni - Ante

E.G. Elev (m)	34.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	34.35	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.24	Flow Area (m2)		1.98	
E.G. Slope (m/m)	0.005607	Area (m2)		1.98	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	23.17	Top Width (m)		23.17	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	9.6	Conv. (m3/s)		9.6	
Length Wtd. (m)	38.50	Wetted Per. (m)		23.20	
Min Ch El (m)	34.08	Shear (N/m2)		4.70	
Alpha	1.00	Stream Power (N/m s)		1.71	
Frctn Loss (m)	0.46	Cum Volume (1000 m3)		0.22	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.81	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T50 anni - Ante

E.G. Elev (m)	34.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	34.32	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.30	Flow Area (m2)		1.47	
E.G. Slope (m/m)	0.026880	Area (m2)		1.47	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	16.44	Top Width (m)		16.44	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	7.4	Conv. (m3/s)		7.4	
Length Wtd. (m)	38.50	Wetted Per. (m)		18.47	
Min Ch El (m)	34.08	Shear (N/m2)		23.61	
Alpha	1.00	Stream Power (N/m s)		19.38	
Frctn Loss (m)	0.40	Cum Volume (1000 m3)		0.37	
C & E Loss (m)	0.01	Cum SA (1000 m2)		2.78	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T100 anni - Ante

E.G. Elev (m)	34.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	34.34	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.34	Flow Area (m2)		1.86	
E.G. Slope (m/m)	0.041712	Area (m2)		1.86	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	22.56	Top Width (m)		22.56	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.26	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	6.8	Conv. (m3/s)		6.8	
Length Wtd. (m)	38.50	Wetted Per. (m)		22.59	
Min Ch El (m)	34.08	Shear (N/m2)		33.71	
Alpha	1.00	Stream Power (N/m s)		32.59	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		0.83	
C & E Loss (m)	0.01	Cum SA (1000 m2)		5.30	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T200 anni - Ante

E.G. Elev (m)	34.42	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	34.37	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.37	Flow Area (m2)		2.63	
E.G. Slope (m/m)	0.037458	Area (m2)		2.63	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T200 anni - Ante (Continued)

Top Width (m)	30.62	Top Width (m)		30.62	
Vel Total (m/s)	0.84	Avg. Vel. (m/s)		0.84	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	12.8	Conv. (m3/s)		12.8	
Length Wtd. (m)	38.50	Wetted Per. (m)		30.66	
Min Ch El (m)	34.08	Shear (N/m2)		31.47	
Alpha	1.00	Stream Power (N/m s)		29.60	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		1.63	
C & E Loss (m)	0.01	Cum SA (1000 m2)		8.71	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T500 anni - Ante

E.G. Elev (m)	34.67	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.66	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.40	Flow Area (m2)		15.63	
E.G. Slope (m/m)	0.000536	Area (m2)		15.63	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	65.77	Top Width (m)		65.77	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	148.9	Conv. (m3/s)		149.9	
Length Wtd. (m)	38.50	Wetted Per. (m)		65.83	
Min Ch El (m)	34.08	Shear (N/m2)		1.25	
Alpha	1.00	Stream Power (N/m s)		0.28	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.22	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T25 anni - Post

E.G. Elev (m)	34.37	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	34.32	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.32	Flow Area (m2)		1.52	
E.G. Slope (m/m)	0.035504	Area (m2)		1.52	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	16.98	Top Width (m)		16.98	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	7.6	Conv. (m3/s)		7.6	
Length Wtd. (m)	38.50	Wetted Per. (m)		17.01	
Min Ch El (m)	34.08	Shear (N/m2)		31.10	
Alpha	1.00	Stream Power (N/m s)		29.28	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		0.54	
C & E Loss (m)	0.01	Cum SA (1000 m2)		4.03	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T50 anni - Post

E.G. Elev (m)	34.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.36	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.36	Flow Area (m2)		2.28	
E.G. Slope (m/m)	0.033447	Area (m2)		2.28	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	25.24	Top Width (m)		25.24	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	0.28	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	11.4	Conv. (m3/s)		11.4	
Length Wtd. (m)	38.50	Wetted Per. (m)		25.27	
Min Ch El (m)	34.08	Shear (N/m2)		29.53	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		27.12	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		1.13	
C & E Loss (m)	0.01	Cum SA (1000 m2)		6.70	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T100 anni - Post

E.G. Elev (m)	34.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	34.47	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.39	Flow Area (m2)		6.33	
E.G. Slope (m/m)	0.003583	Area (m2)		6.33	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	38.56	Top Width (m)		38.56	
Vel Total (m/s)	0.45	Avg. Vel. (m/s)		0.45	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	47.4	Conv. (m3/s)		47.4	
Length Wtd. (m)	38.50	Wetted Per. (m)		38.61	
Min Ch El (m)	34.08	Shear (N/m2)		5.76	
Alpha	1.00	Stream Power (N/m s)		2.58	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.27	
C & E Loss (m)	0.00	Cum SA (1000 m2)		10.70	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T200 anni - Post

E.G. Elev (m)	34.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.72	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)	34.40	Flow Area (m2)		19.49	
E.G. Slope (m/m)	0.000343	Area (m2)		19.49	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	75.67	Top Width (m)		75.67	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	197.1	Conv. (m3/s)		197.1	
Length Wtd. (m)	38.50	Wetted Per. (m)		75.74	
Min Ch El (m)	34.08	Shear (N/m2)		0.87	
Alpha	1.00	Stream Power (N/m s)		0.16	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		4.11	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.82	

Plan: AnPo River 2 Reach 2 RS: 179 Profile: T500 anni - Post

E.G. Elev (m)	34.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.92	Reach Len. (m)	38.50	38.50	38.50
Crit W.S. (m)		Flow Area (m2)		38.99	
E.G. Slope (m/m)	0.000100	Area (m2)		38.99	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	111.02	Top Width (m)		111.02	
Vel Total (m/s)	0.12	Avg. Vel. (m/s)		0.12	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	484.8	Conv. (m3/s)		484.8	
Length Wtd. (m)	38.50	Wetted Per. (m)		111.12	
Min Ch El (m)	34.08	Shear (N/m2)		0.34	
Alpha	1.00	Stream Power (N/m s)		0.04	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		8.14	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.54	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T25 anni - Ante

E.G. Elev (m)	33.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.86	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	33.86	Flow Area (m2)		0.90	
E.G. Slope (m/m)	0.041848	Area (m2)		0.90	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	14.52	Top Width (m)		14.52	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.17	Hydr. Depth (m)		0.06	
Conv. Total (m3/s)	3.5	Conv. (m3/s)		3.5	
Length Wtd. (m)	32.80	Wetted Per. (m)		14.54	
Min Ch El (m)	33.69	Shear (N/m2)		25.40	
Alpha	1.00	Stream Power (N/m s)		20.32	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		0.17	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.09	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T50 anni - Ante

E.G. Elev (m)	33.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.94	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)		Flow Area (m2)		3.22	
E.G. Slope (m/m)	0.005473	Area (m2)		3.22	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	35.14	Top Width (m)		35.14	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	16.4	Conv. (m3/s)		16.4	
Length Wtd. (m)	32.80	Wetted Per. (m)		35.17	
Min Ch El (m)	33.69	Shear (N/m2)		4.91	
Alpha	1.00	Stream Power (N/m s)		1.85	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		0.28	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.78	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T100 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	33.91	Flow Area (m2)		11.41	
E.G. Slope (m/m)	0.000248	Area (m2)		11.41	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	44.92	Top Width (m)		44.92	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	114.3	Conv. (m3/s)		114.3	
Length Wtd. (m)	32.80	Wetted Per. (m)		44.96	
Min Ch El (m)	33.69	Shear (N/m2)		0.62	
Alpha	1.00	Stream Power (N/m s)		0.10	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		0.57	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.00	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T200 anni - Ante

E.G. Elev (m)	34.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.36	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	33.93	Flow Area (m2)		25.42	
E.G. Slope (m/m)	0.000067	Area (m2)		25.42	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T200 anni - Ante (Continued)

Top Width (m)	77.70	Top Width (m)		77.70	
Vel Total (m/s)	0.10	Avg. Vel. (m/s)		0.10	
Max Chl Dpth (m)	0.67	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	301.5	Conv. (m3/s)		301.5	
Length Wtd. (m)	32.80	Wetted Per. (m)		77.78	
Min Ch El (m)	33.69	Shear (N/m2)		0.22	
Alpha	1.00	Stream Power (N/m s)		0.02	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		1.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		6.62	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T500 anni - Ante

E.G. Elev (m)	34.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.66	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)		Flow Area (m2)		55.29	
E.G. Slope (m/m)	0.000020	Area (m2)		55.29	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	128.95	Top Width (m)		128.95	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.43	
Conv. Total (m3/s)	785.5	Conv. (m3/s)		785.5	
Length Wtd. (m)	32.80	Wetted Per. (m)		129.04	
Min Ch El (m)	33.69	Shear (N/m2)		0.08	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.28	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.47	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T25 anni - Post

E.G. Elev (m)	34.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.03	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	33.90	Flow Area (m2)		6.39	
E.G. Slope (m/m)	0.000877	Area (m2)		6.39	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	36.37	Top Width (m)		36.37	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	48.3	Conv. (m3/s)		48.3	
Length Wtd. (m)	32.80	Wetted Per. (m)		38.40	
Min Ch El (m)	33.69	Shear (N/m2)		1.43	
Alpha	1.00	Stream Power (N/m s)		0.32	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		0.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		2.97	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T50 anni - Post

E.G. Elev (m)	34.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.24	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	33.92	Flow Area (m2)		16.78	
E.G. Slope (m/m)	0.000158	Area (m2)		16.78	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	67.15	Top Width (m)		67.15	
Vel Total (m/s)	0.12	Avg. Vel. (m/s)		0.12	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	166.3	Conv. (m3/s)		166.3	
Length Wtd. (m)	32.80	Wetted Per. (m)		67.20	
Min Ch El (m)	33.69	Shear (N/m2)		0.39	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		0.77	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.92	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T100 anni - Post

E.G. Elev (m)	34.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.48	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)		Flow Area (m2)		34.82	
E.G. Slope (m/m)	0.000037	Area (m2)		34.82	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	88.90	Top Width (m)		88.90	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	0.79	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	465.8	Conv. (m3/s)		465.8	
Length Wtd. (m)	32.80	Wetted Per. (m)		88.96	
Min Ch El (m)	33.69	Shear (N/m2)		0.14	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		1.48	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.25	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T200 anni - Post

E.G. Elev (m)	34.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.72	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)		Flow Area (m2)		62.43	
E.G. Slope (m/m)	0.000016	Area (m2)		62.43	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	137.46	Top Width (m)		137.46	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	1.03	Hydr. Depth (m)		0.45	
Conv. Total (m3/s)	921.9	Conv. (m3/s)		921.9	
Length Wtd. (m)	32.80	Wetted Per. (m)		137.55	
Min Ch El (m)	33.69	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		2.53	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.71	

Plan: AnPo River 2 Reach 2 RS: 141 Profile: T500 anni - Post

E.G. Elev (m)	34.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.92	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)		Flow Area (m2)		92.08	
E.G. Slope (m/m)	0.000009	Area (m2)		92.08	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	154.72	Top Width (m)		154.72	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.23	Hydr. Depth (m)		0.60	
Conv. Total (m3/s)	1628.1	Conv. (m3/s)		1628.1	
Length Wtd. (m)	32.80	Wetted Per. (m)		154.82	
Min Ch El (m)	33.69	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		3.61	
C & E Loss (m)	0.00	Cum SA (1000 m2)		11.43	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T25 anni - Ante

E.G. Elev (m)	33.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.73	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.16	Flow Area (m2)		5.18	
E.G. Slope (m/m)	0.000075	Area (m2)		5.18	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	9.85	Top Width (m)		9.85	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.75	Hydr. Depth (m)		0.53	
Conv. Total (m3/s)	83.2	Conv. (m3/s)		83.2	
Length Wtd. (m)	54.10	Wetted Per. (m)		10.04	
Min Ch El (m)	32.98	Shear (N/m2)		0.38	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)		Cum Volume (1000 m3)		0.07	
C & E Loss (m)		Cum SA (1000 m2)		0.69	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T50 anni - Ante

E.G. Elev (m)	33.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.94	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.21	Flow Area (m2)		7.49	
E.G. Slope (m/m)	0.000104	Area (m2)		7.49	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	14.28	Top Width (m)		14.28	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.52	
Conv. Total (m3/s)	116.9	Conv. (m3/s)		116.9	
Length Wtd. (m)	54.10	Wetted Per. (m)		14.51	
Min Ch El (m)	32.98	Shear (N/m2)		0.52	
Alpha	1.00	Stream Power (N/m s)		0.08	
Frctn Loss (m)		Cum Volume (1000 m3)		0.10	
C & E Loss (m)		Cum SA (1000 m2)		0.97	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T100 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.15	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.28	Flow Area (m2)		14.24	
E.G. Slope (m/m)	0.000133	Area (m2)		14.24	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	48.70	Top Width (m)		48.70	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	1.17	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	156.2	Conv. (m3/s)		156.2	
Length Wtd. (m)	54.10	Wetted Per. (m)		48.96	
Min Ch El (m)	32.98	Shear (N/m2)		0.38	
Alpha	1.00	Stream Power (N/m s)		0.05	
Frctn Loss (m)		Cum Volume (1000 m3)		0.15	
C & E Loss (m)		Cum SA (1000 m2)		2.46	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T200 anni - Ante

E.G. Elev (m)	34.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.38	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.31	Flow Area (m2)		28.73	
E.G. Slope (m/m)	0.000057	Area (m2)		28.73	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T200 anni - Ante (Continued)

Top Width (m)	93.63	Top Width (m)		93.63	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	1.38	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	326.1	Conv. (m3/s)		326.1	
Length Wtd. (m)	54.10	Wetted Per. (m)		93.92	
Min Ch El (m)	32.66	Shear (N/m2)		0.17	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)		Cum Volume (1000 m3)		0.20	
C & E Loss (m)		Cum SA (1000 m2)		3.81	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T500 anni - Ante

E.G. Elev (m)	34.68	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.68	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.37	Flow Area (m2)		66.55	
E.G. Slope (m/m)	0.000011	Area (m2)		66.55	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	137.35	Top Width (m)		137.35	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.69	Hydr. Depth (m)		0.48	
Conv. Total (m3/s)	1024.8	Conv. (m3/s)		1024.8	
Length Wtd. (m)	54.10	Wetted Per. (m)		137.68	
Min Ch El (m)	32.66	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		0.28	
C & E Loss (m)		Cum SA (1000 m2)		5.10	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T25 anni - Post

E.G. Elev (m)	34.02	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.02	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.23	Flow Area (m2)		9.11	
E.G. Slope (m/m)	0.000196	Area (m2)		9.11	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	30.09	Top Width (m)		30.09	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	1.04	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	102.2	Conv. (m3/s)		102.2	
Length Wtd. (m)	54.10	Wetted Per. (m)		30.33	
Min Ch El (m)	32.98	Shear (N/m2)		0.58	
Alpha	1.00	Stream Power (N/m s)		0.09	
Frctn Loss (m)		Cum Volume (1000 m3)		0.13	
C & E Loss (m)		Cum SA (1000 m2)		1.84	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T50 anni - Post

E.G. Elev (m)	34.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.24	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.28	Flow Area (m2)		19.50	
E.G. Slope (m/m)	0.000083	Area (m2)		19.50	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	59.95	Top Width (m)		59.95	
Vel Total (m/s)	0.11	Avg. Vel. (m/s)		0.11	
Max Chl Dpth (m)	1.26	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	229.9	Conv. (m3/s)		229.9	
Length Wtd. (m)	54.10	Wetted Per. (m)		60.22	
Min Ch El (m)	32.98	Shear (N/m2)		0.26	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.03	
Frctn Loss (m)		Cum Volume (1000 m3)		0.17	
C & E Loss (m)		Cum SA (1000 m2)		2.84	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T100 anni - Post

E.G. Elev (m)	34.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.47	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.33	Flow Area (m2)		41.53	
E.G. Slope (m/m)	0.000033	Area (m2)		41.53	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	126.14	Top Width (m)		126.14	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	1.50	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	494.2	Conv. (m3/s)		494.2	
Length Wtd. (m)	54.10	Wetted Per. (m)		126.45	
Min Ch El (m)	32.98	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)		Cum Volume (1000 m3)		0.23	
C & E Loss (m)		Cum SA (1000 m2)		4.72	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T200 anni - Post

E.G. Elev (m)	34.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.72	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.38	Flow Area (m2)		73.99	
E.G. Slope (m/m)	0.000009	Area (m2)		73.99	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	139.47	Top Width (m)		139.47	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.74	Hydr. Depth (m)		0.53	
Conv. Total (m3/s)	1210.3	Conv. (m3/s)		1210.3	
Length Wtd. (m)	54.10	Wetted Per. (m)		139.81	
Min Ch El (m)	32.98	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		0.29	
C & E Loss (m)		Cum SA (1000 m2)		5.17	

Plan: AnPo River 2 Reach 2 RS: 108 Profile: T500 anni - Post

E.G. Elev (m)	34.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	34.92	Reach Len. (m)	54.10	54.10	54.10
Crit W.S. (m)	33.45	Flow Area (m2)		105.23	
E.G. Slope (m/m)	0.000006	Area (m2)		105.23	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	170.98	Top Width (m)		170.98	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	1.94	Hydr. Depth (m)		0.62	
Conv. Total (m3/s)	1900.7	Conv. (m3/s)		1900.7	
Length Wtd. (m)	54.10	Wetted Per. (m)		171.36	
Min Ch El (m)	32.98	Shear (N/m2)		0.04	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		0.38	
C & E Loss (m)		Cum SA (1000 m2)		6.08	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T25 anni - Ante

E.G. Elev (m)	33.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.07	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		2.86	
E.G. Slope (m/m)	0.000291	Area (m2)		2.86	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	6.04	Top Width (m)		6.04	
Vel Total (m/s)	0.25	Avg. Vel. (m/s)		0.25	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.47	
Conv. Total (m3/s)	42.2	Conv. (m3/s)		42.2	
Length Wtd. (m)	25.80	Wetted Per. (m)		6.28	
Min Ch El (m)	32.30	Shear (N/m2)		1.30	
Alpha	1.00	Stream Power (N/m s)		0.33	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		0.06	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.26	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T50 anni - Ante

E.G. Elev (m)	33.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.15	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		3.36	
E.G. Slope (m/m)	0.000538	Area (m2)		3.35	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	6.54	Top Width (m)		6.54	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.85	Hydr. Depth (m)		0.51	
Conv. Total (m3/s)	52.2	Conv. (m3/s)		52.2	
Length Wtd. (m)	25.80	Wetted Per. (m)		6.81	
Min Ch El (m)	32.30	Shear (N/m2)		2.60	
Alpha	1.00	Stream Power (N/m s)		0.94	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		0.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.41	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T100 anni - Ante

E.G. Elev (m)	33.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.21	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		3.77	
E.G. Slope (m/m)	0.000872	Area (m2)		3.77	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	6.94	Top Width (m)		6.94	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	0.91	Hydr. Depth (m)		0.54	
Conv. Total (m3/s)	61.0	Conv. (m3/s)		61.0	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.23	
Min Ch El (m)	32.30	Shear (N/m2)		4.46	
Alpha	1.00	Stream Power (N/m s)		2.13	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		0.13	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.96	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T200 anni - Ante

E.G. Elev (m)	33.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.26	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		4.08	
E.G. Slope (m/m)	0.001324	Area (m2)		4.08	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T200 anni - Ante (Continued)

Top Width (m)	7.23	Top Width (m)		7.23	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.56	
Conv. Total (m3/s)	67.9	Conv. (m3/s)		67.9	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.53	
Min Ch El (m)	32.30	Shear (N/m2)		7.04	
Alpha	1.00	Stream Power (N/m s)		4.26	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		0.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.06	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T500 anni - Ante

E.G. Elev (m)	33.34	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.31	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		4.48	
E.G. Slope (m/m)	0.002041	Area (m2)		4.48	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	7.58	Top Width (m)		7.58	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	1.01	Hydr. Depth (m)		0.59	
Conv. Total (m3/s)	76.6	Conv. (m3/s)		76.6	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.90	
Min Ch El (m)	32.30	Shear (N/m2)		11.36	
Alpha	1.00	Stream Power (N/m s)		8.79	
Frctn Loss (m)	0.12	Cum Volume (1000 m3)		0.20	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.18	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T25 anni - Post

E.G. Elev (m)	33.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.18	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		3.56	
E.G. Slope (m/m)	0.000636	Area (m2)		3.56	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	6.75	Top Width (m)		6.75	
Vel Total (m/s)	0.40	Avg. Vel. (m/s)		0.40	
Max Chl Dpth (m)	0.88	Hydr. Depth (m)		0.53	
Conv. Total (m3/s)	56.7	Conv. (m3/s)		56.7	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.03	
Min Ch El (m)	32.30	Shear (N/m2)		3.17	
Alpha	1.00	Stream Power (N/m s)		1.27	
Frctn Loss (m)	0.05	Cum Volume (1000 m3)		0.12	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.85	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T50 anni - Post

E.G. Elev (m)	33.25	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.23	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		3.91	
E.G. Slope (m/m)	0.001064	Area (m2)		3.91	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	7.07	Top Width (m)		7.07	
Vel Total (m/s)	0.53	Avg. Vel. (m/s)		0.53	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.55	
Conv. Total (m3/s)	64.1	Conv. (m3/s)		64.1	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.37	
Min Ch El (m)	32.30	Shear (N/m2)		5.54	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		2.96	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		0.15	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.02	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T100 anni - Post

E.G. Elev (m)	33.30	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.28	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		4.24	
E.G. Slope (m/m)	0.001583	Area (m2)		4.24	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	7.37	Top Width (m)		7.37	
Vel Total (m/s)	0.67	Avg. Vel. (m/s)		0.67	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	71.4	Conv. (m3/s)		71.4	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.68	
Min Ch El (m)	32.30	Shear (N/m2)		8.57	
Alpha	1.00	Stream Power (N/m s)		5.74	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		0.18	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.11	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T200 anni - Post

E.G. Elev (m)	33.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.32	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		4.55	
E.G. Slope (m/m)	0.002174	Area (m2)		4.55	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	7.64	Top Width (m)		7.64	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	1.02	Hydr. Depth (m)		0.60	
Conv. Total (m3/s)	78.3	Conv. (m3/s)		78.3	
Length Wtd. (m)	25.80	Wetted Per. (m)		7.96	
Min Ch El (m)	32.30	Shear (N/m2)		12.18	
Alpha	1.00	Stream Power (N/m s)		9.78	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		0.21	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.19	

Plan: AnPo River 2 Reach 2 RS: 54 Profile: T500 anni - Post

E.G. Elev (m)	33.42	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	33.37	Reach Len. (m)	25.80	25.80	25.80
Crit W.S. (m)		Flow Area (m2)		4.95	
E.G. Slope (m/m)	0.003072	Area (m2)		4.95	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	8.03	Top Width (m)		8.03	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	1.07	Hydr. Depth (m)		0.62	
Conv. Total (m3/s)	87.3	Conv. (m3/s)		87.3	
Length Wtd. (m)	25.80	Wetted Per. (m)		8.37	
Min Ch El (m)	32.30	Shear (N/m2)		17.83	
Alpha	1.00	Stream Power (N/m s)		17.42	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		0.25	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.24	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T25 anni - Ante

E.G. Elev (m)	33.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	32.99	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)	32.99	Flow Area (m2)		0.69	
E.G. Slope (m/m)	0.033502	Area (m2)		0.69	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	6.39	Top Width (m)		6.39	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.15	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	3.9	Conv. (m3/s)		3.9	
Length Wtd. (m)	21.70	Wetted Per. (m)		6.40	
Min Ch El (m)	32.84	Shear (N/m2)		35.55	
Alpha	1.00	Stream Power (N/m s)		36.94	
Frctn Loss (m)	0.39	Cum Volume (1000 m3)		0.01	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.10	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T50 anni - Ante

E.G. Elev (m)	33.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	33.06	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)	33.04	Flow Area (m2)		1.19	
E.G. Slope (m/m)	0.024535	Area (m2)		1.19	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	9.05	Top Width (m)		9.05	
Vel Total (m/s)	1.01	Avg. Vel. (m/s)		1.01	
Max Chl Dpth (m)	0.22	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	7.7	Conv. (m3/s)		7.7	
Length Wtd. (m)	21.70	Wetted Per. (m)		9.08	
Min Ch El (m)	32.84	Shear (N/m2)		31.66	
Alpha	1.00	Stream Power (N/m s)		32.08	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.03	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.21	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T100 anni - Ante

E.G. Elev (m)	33.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.13	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)	33.12	Flow Area (m2)		2.38	
E.G. Slope (m/m)	0.023958	Area (m2)		2.38	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	27.42	Top Width (m)		27.42	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	11.6	Conv. (m3/s)		11.6	
Length Wtd. (m)	21.70	Wetted Per. (m)		27.45	
Min Ch El (m)	32.84	Shear (N/m2)		20.34	
Alpha	1.00	Stream Power (N/m s)		15.40	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.05	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.51	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T200 anni - Ante

E.G. Elev (m)	33.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.16	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)		Flow Area (m2)		3.12	
E.G. Slope (m/m)	0.022110	Area (m2)		3.12	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T200 anni - Ante (Continued)

Top Width (m)	31.66	Top Width (m)		31.66	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.10	
Conv. Total (m3/s)	16.6	Conv. (m3/s)		16.6	
Length Wtd. (m)	21.70	Wetted Per. (m)		31.69	
Min Ch El (m)	32.84	Shear (N/m2)		21.33	
Alpha	1.00	Stream Power (N/m s)		16.90	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		0.07	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.56	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T500 anni - Ante

E.G. Elev (m)	33.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	33.18	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)		Flow Area (m2)		4.03	
E.G. Slope (m/m)	0.019877	Area (m2)		4.03	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	33.38	Top Width (m)		33.38	
Vel Total (m/s)	0.86	Avg. Vel. (m/s)		0.86	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	24.6	Conv. (m3/s)		24.6	
Length Wtd. (m)	21.70	Wetted Per. (m)		33.42	
Min Ch El (m)	32.84	Shear (N/m2)		23.52	
Alpha	1.00	Stream Power (N/m s)		20.24	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		0.09	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.65	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T25 anni - Post

E.G. Elev (m)	33.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.11	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)	33.06	Flow Area (m2)		1.93	
E.G. Slope (m/m)	0.024830	Area (m2)		1.93	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	23.66	Top Width (m)		23.66	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.08	
Conv. Total (m3/s)	9.1	Conv. (m3/s)		9.1	
Length Wtd. (m)	21.70	Wetted Per. (m)		23.69	
Min Ch El (m)	32.84	Shear (N/m2)		19.84	
Alpha	1.00	Stream Power (N/m s)		14.70	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.05	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.45	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T50 anni - Post

E.G. Elev (m)	33.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.14	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)	33.13	Flow Area (m2)		2.71	
E.G. Slope (m/m)	0.023180	Area (m2)		2.71	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	29.76	Top Width (m)		29.76	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.09	
Conv. Total (m3/s)	13.7	Conv. (m3/s)		13.7	
Length Wtd. (m)	21.70	Wetted Per. (m)		29.80	
Min Ch El (m)	32.84	Shear (N/m2)		20.70	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		15.94	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.06	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.55	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T100 anni - Post

E.G. Elev (m)	33.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	33.17	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)		Flow Area (m2)		3.45	
E.G. Slope (m/m)	0.021768	Area (m2)		3.45	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	32.58	Top Width (m)		32.58	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.11	
Conv. Total (m3/s)	19.2	Conv. (m3/s)		19.2	
Length Wtd. (m)	21.70	Wetted Per. (m)		32.62	
Min Ch El (m)	32.84	Shear (N/m2)		22.55	
Alpha	1.00	Stream Power (N/m s)		18.59	
Frctn Loss (m)	0.33	Cum Volume (1000 m3)		0.06	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.60	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T200 anni - Post

E.G. Elev (m)	33.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	33.19	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)		Flow Area (m2)		4.18	
E.G. Slope (m/m)	0.019555	Area (m2)		4.18	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	33.53	Top Width (m)		33.53	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	26.1	Conv. (m3/s)		26.1	
Length Wtd. (m)	21.70	Wetted Per. (m)		33.57	
Min Ch El (m)	32.84	Shear (N/m2)		23.90	
Alpha	1.00	Stream Power (N/m s)		20.85	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		0.10	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.66	

Plan: AnPo River 2 Reach 2 RS: 28 Profile: T500 anni - Post

E.G. Elev (m)	33.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	33.22	Reach Len. (m)	21.70	21.70	21.70
Crit W.S. (m)		Flow Area (m2)		5.11	
E.G. Slope (m/m)	0.018299	Area (m2)		5.11	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	34.41	Top Width (m)		34.41	
Vel Total (m/s)	0.95	Avg. Vel. (m/s)		0.95	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	35.6	Conv. (m3/s)		35.6	
Length Wtd. (m)	21.70	Wetted Per. (m)		34.45	
Min Ch El (m)	32.84	Shear (N/m2)		26.61	
Alpha	1.00	Stream Power (N/m s)		25.21	
Frctn Loss (m)	0.30	Cum Volume (1000 m3)		0.12	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.69	

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T25 anni - Ante

E.G. Elev (m)	32.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	32.53	Reach Len. (m)			
Crit W.S. (m)	32.43	Flow Area (m2)		0.69	
E.G. Slope (m/m)	0.011010	Area (m2)		0.69	
Q Total (m3/s)	0.72	Flow (m3/s)		0.72	
Top Width (m)	2.50	Top Width (m)		2.50	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	6.9	Conv. (m3/s)		6.9	
Length Wtd. (m)		Wetted Per. (m)		2.72	
Min Ch El (m)	32.04	Shear (N/m2)		27.26	
Alpha	1.00	Stream Power (N/m s)		28.57	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T50 anni - Ante

E.G. Elev (m)	32.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	32.73	Reach Len. (m)			
Crit W.S. (m)	32.55	Flow Area (m2)		1.60	
E.G. Slope (m/m)	0.011021	Area (m2)		1.60	
Q Total (m3/s)	1.21	Flow (m3/s)		1.21	
Top Width (m)	10.09	Top Width (m)		10.09	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	11.5	Conv. (m3/s)		11.5	
Length Wtd. (m)		Wetted Per. (m)		10.35	
Min Ch El (m)	32.04	Shear (N/m2)		16.71	
Alpha	1.00	Stream Power (N/m s)		12.64	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T100 anni - Ante

E.G. Elev (m)	32.82	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	32.80	Reach Len. (m)			
Crit W.S. (m)	32.70	Flow Area (m2)		2.65	
E.G. Slope (m/m)	0.011009	Area (m2)		2.65	
Q Total (m3/s)	1.80	Flow (m3/s)		1.80	
Top Width (m)	19.87	Top Width (m)		19.87	
Vel Total (m/s)	0.68	Avg. Vel. (m/s)		0.68	
Max Chl Dpth (m)	0.76	Hydr. Depth (m)		0.13	
Conv. Total (m3/s)	17.2	Conv. (m3/s)		17.2	
Length Wtd. (m)		Wetted Per. (m)		20.15	
Min Ch El (m)	32.04	Shear (N/m2)		14.21	
Alpha	1.00	Stream Power (N/m s)		9.65	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T200 anni - Ante

E.G. Elev (m)	32.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	32.83	Reach Len. (m)			
Crit W.S. (m)	32.77	Flow Area (m2)		3.33	
E.G. Slope (m/m)	0.011002	Area (m2)		3.33	
Q Total (m3/s)	2.47	Flow (m3/s)		2.47	

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T200 anni - Ante (Continued)

Top Width (m)	21.90	Top Width (m)		21.90	
Vel Total (m/s)	0.74	Avg. Vel. (m/s)		0.74	
Max Chl Dpth (m)	0.79	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	23.5	Conv. (m3/s)		23.5	
Length Wtd. (m)		Wetted Per. (m)		22.18	
Min Ch El (m)	32.04	Shear (N/m2)		16.21	
Alpha	1.00	Stream Power (N/m s)		12.02	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T500 anni - Ante

E.G. Elev (m)	32.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	32.88	Reach Len. (m)			
Crit W.S. (m)	32.81	Flow Area (m2)		4.43	
E.G. Slope (m/m)	0.011014	Area (m2)		4.43	
Q Total (m3/s)	3.47	Flow (m3/s)		3.47	
Top Width (m)	26.80	Top Width (m)		26.80	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	33.1	Conv. (m3/s)		33.1	
Length Wtd. (m)		Wetted Per. (m)		27.09	
Min Ch El (m)	32.04	Shear (N/m2)		17.64	
Alpha	1.00	Stream Power (N/m s)		13.83	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T25 anni - Post

E.G. Elev (m)	32.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	32.78	Reach Len. (m)			
Crit W.S. (m)	32.59	Flow Area (m2)		2.23	
E.G. Slope (m/m)	0.011020	Area (m2)		2.23	
Q Total (m3/s)	1.43	Flow (m3/s)		1.43	
Top Width (m)	18.14	Top Width (m)		18.14	
Vel Total (m/s)	0.64	Avg. Vel. (m/s)		0.64	
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	13.6	Conv. (m3/s)		13.6	
Length Wtd. (m)		Wetted Per. (m)		18.41	
Min Ch El (m)	32.04	Shear (N/m2)		13.07	
Alpha	1.00	Stream Power (N/m s)		8.39	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T50 anni - Post

E.G. Elev (m)	32.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	32.81	Reach Len. (m)			
Crit W.S. (m)	32.76	Flow Area (m2)		2.96	
E.G. Slope (m/m)	0.011016	Area (m2)		2.96	
Q Total (m3/s)	2.09	Flow (m3/s)		2.09	
Top Width (m)	20.87	Top Width (m)		20.87	
Vel Total (m/s)	0.71	Avg. Vel. (m/s)		0.71	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	19.9	Conv. (m3/s)		19.9	
Length Wtd. (m)		Wetted Per. (m)		21.15	
Min Ch El (m)	32.04	Shear (N/m2)		15.10	

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		10.67	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T100 anni - Post

E.G. Elev (m)	32.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	32.85	Reach Len. (m)			
Crit W.S. (m)	32.79	Flow Area (m2)		3.66	
E.G. Slope (m/m)	0.011000	Area (m2)		3.66	
Q Total (m3/s)	2.84	Flow (m3/s)		2.84	
Top Width (m)	22.48	Top Width (m)		22.48	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	0.01	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	27.1	Conv. (m3/s)		27.1	
Length Wtd. (m)		Wetted Per. (m)		22.76	
Min Ch El (m)	32.04	Shear (N/m2)		17.35	
Alpha	1.00	Stream Power (N/m s)		13.46	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T200 anni - Post

E.G. Elev (m)	32.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	32.88	Reach Len. (m)			
Crit W.S. (m)	32.81	Flow Area (m2)		4.60	
E.G. Slope (m/m)	0.011002	Area (m2)		4.60	
Q Total (m3/s)	3.65	Flow (m3/s)		3.65	
Top Width (m)	27.41	Top Width (m)		27.41	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	34.8	Conv. (m3/s)		34.8	
Length Wtd. (m)		Wetted Per. (m)		27.70	
Min Ch El (m)	32.04	Shear (N/m2)		17.93	
Alpha	1.00	Stream Power (N/m s)		14.22	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 2 Reach 2 RS: 6 Profile: T500 anni - Post

E.G. Elev (m)	32.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	32.92	Reach Len. (m)			
Crit W.S. (m)	32.85	Flow Area (m2)		5.62	
E.G. Slope (m/m)	0.011000	Area (m2)		5.62	
Q Total (m3/s)	4.84	Flow (m3/s)		4.84	
Top Width (m)	29.61	Top Width (m)		29.61	
Vel Total (m/s)	0.86	Avg. Vel. (m/s)		0.86	
Max Chl Dpth (m)	0.88	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	46.1	Conv. (m3/s)		46.1	
Length Wtd. (m)		Wetted Per. (m)		29.91	
Min Ch El (m)	32.04	Shear (N/m2)		20.28	
Alpha	1.00	Stream Power (N/m s)		17.46	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T25 anni - Ante

E.G. Elev (m)	34.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	34.73	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.65	Flow Area (m2)		7.62	
E.G. Slope (m/m)	0.007997	Area (m2)		7.62	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	35.52	Top Width (m)		35.52	
Vel Total (m/s)	0.80	Avg. Vel. (m/s)		0.80	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	68.2	Conv. (m3/s)		68.2	
Length Wtd. (m)	51.00	Wetted Per. (m)		35.55	
Min Ch El (m)	34.37	Shear (N/m2)		16.81	
Alpha	1.00	Stream Power (N/m s)		13.46	
Frctn Loss (m)	0.73	Cum Volume (1000 m3)		49.20	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.35	0.45

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T50 anni - Ante

E.G. Elev (m)	34.82	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.77	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.69	Flow Area (m2)		9.24	
E.G. Slope (m/m)	0.008474	Area (m2)		9.24	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	37.40	Top Width (m)		37.40	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	90.9	Conv. (m3/s)		90.9	
Length Wtd. (m)	51.00	Wetted Per. (m)		37.42	
Min Ch El (m)	34.37	Shear (N/m2)		20.52	
Alpha	1.00	Stream Power (N/m s)		18.58	
Frctn Loss (m)	0.74	Cum Volume (1000 m3)		87.55	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		86.57	0.47

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T100 anni - Ante

E.G. Elev (m)	34.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	34.81	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.72	Flow Area (m2)		10.67	
E.G. Slope (m/m)	0.009097	Area (m2)		10.67	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	38.42	Top Width (m)		38.42	
Vel Total (m/s)	1.01	Avg. Vel. (m/s)		1.01	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	113.5	Conv. (m3/s)		113.5	
Length Wtd. (m)	51.00	Wetted Per. (m)		38.45	
Min Ch El (m)	34.37	Shear (N/m2)		24.76	
Alpha	1.00	Stream Power (N/m s)		25.13	
Frctn Loss (m)	0.75	Cum Volume (1000 m3)		91.46	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		99.74	0.52

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T200 anni - Ante

E.G. Elev (m)	34.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.85	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.78	Flow Area (m2)		12.30	
E.G. Slope (m/m)	0.009136	Area (m2)		12.30	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T200 anni - Ante (Continued)

Top Width (m)	39.81	Top Width (m)		39.81	
Vel Total (m/s)	1.09	Avg. Vel. (m/s)		1.09	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	140.4	Conv. (m3/s)		140.4	
Length Wtd. (m)	51.00	Wetted Per. (m)		39.84	
Min Ch El (m)	34.37	Shear (N/m2)		27.65	
Alpha	1.00	Stream Power (N/m s)		30.18	
Frctn Loss (m)	0.76	Cum Volume (1000 m3)		94.14	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		104.36	0.61

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T500 anni - Ante

E.G. Elev (m)	34.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	34.90	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.80	Flow Area (m2)		14.24	
E.G. Slope (m/m)	0.009838	Area (m2)		14.24	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	42.57	Top Width (m)		42.57	
Vel Total (m/s)	1.19	Avg. Vel. (m/s)		1.19	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	171.5	Conv. (m3/s)		171.5	
Length Wtd. (m)	51.00	Wetted Per. (m)		42.61	
Min Ch El (m)	34.37	Shear (N/m2)		32.25	
Alpha	1.00	Stream Power (N/m s)		38.52	
Frctn Loss (m)	0.78	Cum Volume (1000 m3)		99.38	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		108.63	0.63

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T25 anni - Post

E.G. Elev (m)	34.82	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	34.77	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.69	Flow Area (m2)		9.28	
E.G. Slope (m/m)	0.008495	Area (m2)		9.28	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	37.42	Top Width (m)		37.42	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	91.6	Conv. (m3/s)		91.6	
Length Wtd. (m)	51.00	Wetted Per. (m)		37.45	
Min Ch El (m)	34.37	Shear (N/m2)		20.65	
Alpha	1.00	Stream Power (N/m s)		18.77	
Frctn Loss (m)	0.74	Cum Volume (1000 m3)		87.62	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		96.66	0.47

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T50 anni - Post

E.G. Elev (m)	34.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	34.82	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.73	Flow Area (m2)		11.04	
E.G. Slope (m/m)	0.008835	Area (m2)		11.04	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	38.69	Top Width (m)		38.69	
Vel Total (m/s)	1.02	Avg. Vel. (m/s)		1.02	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	119.5	Conv. (m3/s)		119.5	
Length Wtd. (m)	51.00	Wetted Per. (m)		38.73	
Min Ch El (m)	34.37	Shear (N/m2)		24.69	

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		25.12	
Frctn Loss (m)	0.75	Cum Volume (1000 m3)		91.52	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		100.28	0.53

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T100 anni - Post

E.G. Elev (m)	34.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	34.87	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.77	Flow Area (m2)		12.79	
E.G. Slope (m/m)	0.009274	Area (m2)		12.79	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	40.89	Top Width (m)		40.89	
Vel Total (m/s)	1.11	Avg. Vel. (m/s)		1.11	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	147.2	Conv. (m3/s)		147.2	
Length Wtd. (m)	51.00	Wetted Per. (m)		40.92	
Min Ch El (m)	34.37	Shear (N/m2)		28.42	
Alpha	1.00	Stream Power (N/m s)		31.51	
Frctn Loss (m)	0.77	Cum Volume (1000 m3)		86.13	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		105.67	0.62

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T200 anni - Post

E.G. Elev (m)	34.98	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	34.90	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.80	Flow Area (m2)		14.39	
E.G. Slope (m/m)	0.009837	Area (m2)		14.39	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	42.74	Top Width (m)		42.74	
Vel Total (m/s)	1.20	Avg. Vel. (m/s)		1.20	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	174.0	Conv. (m3/s)		174.0	
Length Wtd. (m)	51.00	Wetted Per. (m)		42.78	
Min Ch El (m)	34.37	Shear (N/m2)		33.48	
Alpha	1.00	Stream Power (N/m s)		38.92	
Frctn Loss (m)	0.77	Cum Volume (1000 m3)		98.74	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		108.96	0.63

Plan: AnPo River 3 Reach 3 RS: 1489 Profile: T500 anni - Post

E.G. Elev (m)	35.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	34.95	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	34.85	Flow Area (m2)		16.43	
E.G. Slope (m/m)	0.010332	Area (m2)		16.43	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	44.54	Top Width (m)		44.54	
Vel Total (m/s)	1.31	Avg. Vel. (m/s)		1.31	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	211.2	Conv. (m3/s)		211.2	
Length Wtd. (m)	51.00	Wetted Per. (m)		44.58	
Min Ch El (m)	34.37	Shear (N/m2)		37.35	
Alpha	1.00	Stream Power (N/m s)		48.80	
Frctn Loss (m)	0.79	Cum Volume (1000 m3)		103.39	0.16
C & E Loss (m)	0.00	Cum SA (1000 m2)		112.53	0.64

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T25 anni - Ante

E.G. Elev (m)	34.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.97	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	33.97	Flow Area (m2)		5.49	
E.G. Slope (m/m)	0.032303	Area (m2)		5.49	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	44.71	Top Width (m)		44.71	
Vel Total (m/s)	1.11	Avg. Vel. (m/s)		1.11	
Max Chl Dpth (m)	0.24	Hydr. Depth (m)		0.12	
Conv. Total (m3/s)	33.8	Conv. (m3/s)		33.9	
Length Wtd. (m)	52.00	Wetted Per. (m)		44.73	
Min Ch El (m)	33.73	Shear (N/m2)		38.91	
Alpha	1.00	Stream Power (N/m s)		43.20	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		46.66	0.06
C & E Loss (m)	0.02	Cum SA (1000 m2)		76.30	0.45

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T50 anni - Ante

E.G. Elev (m)	34.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	34.00	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.00	Flow Area (m2)		6.96	
E.G. Slope (m/m)	0.030445	Area (m2)		6.96	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	47.91	Top Width (m)		47.91	
Vel Total (m/s)	1.20	Avg. Vel. (m/s)		1.20	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	48.0	Conv. (m3/s)		48.0	
Length Wtd. (m)	52.00	Wetted Per. (m)		47.93	
Min Ch El (m)	33.73	Shear (N/m2)		43.30	
Alpha	1.00	Stream Power (N/m s)		52.14	
Frctn Loss (m)	0.28	Cum Volume (1000 m3)		87.14	0.08
C & E Loss (m)	0.02	Cum SA (1000 m2)		93.39	0.47

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T100 anni - Ante

E.G. Elev (m)	34.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	34.03	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.03	Flow Area (m2)		8.56	
E.G. Slope (m/m)	0.027701	Area (m2)		8.56	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	51.05	Top Width (m)		51.05	
Vel Total (m/s)	1.27	Avg. Vel. (m/s)		1.27	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	65.1	Conv. (m3/s)		65.1	
Length Wtd. (m)	52.00	Wetted Per. (m)		51.07	
Min Ch El (m)	33.73	Shear (N/m2)		46.54	
Alpha	1.00	Stream Power (N/m s)		57.61	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		99.97	0.09
C & E Loss (m)	0.02	Cum SA (1000 m2)		97.46	0.52

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T200 anni - Ante

E.G. Elev (m)	34.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	34.05	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.05	Flow Area (m2)		9.95	
E.G. Slope (m/m)	0.026655	Area (m2)		9.95	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T200 anni - Ante (Continued)

Top Width (m)	55.22	Top Width (m)		55.22	
Vel Total (m/s)	1.35	Avg. Vel. (m/s)		1.35	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	79.3	Conv. (m3/s)		79.3	
Length Wtd. (m)	52.00	Wetted Per. (m)		55.25	
Min Ch El (m)	33.73	Shear (N/m2)		50.59	
Alpha	1.00	Stream Power (N/m s)		68.26	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		93.57	0.12
C & E Loss (m)	0.02	Cum SA (1000 m2)		101.94	0.61

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T500 anni - Ante

E.G. Elev (m)	34.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	34.09	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.09	Flow Area (m2)		11.88	
E.G. Slope (m/m)	0.028606	Area (m2)		11.88	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	56.95	Top Width (m)		56.95	
Vel Total (m/s)	1.43	Avg. Vel. (m/s)		1.43	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	104.5	Conv. (m3/s)		104.5	
Length Wtd. (m)	52.00	Wetted Per. (m)		56.97	
Min Ch El (m)	33.73	Shear (N/m2)		54.21	
Alpha	1.00	Stream Power (N/m s)		77.61	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		97.72	0.14
C & E Loss (m)	0.03	Cum SA (1000 m2)		106.09	0.63

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T25 anni - Post

E.G. Elev (m)	34.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	34.00	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.00	Flow Area (m2)		7.00	
E.G. Slope (m/m)	0.030330	Area (m2)		7.00	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	47.96	Top Width (m)		47.96	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	48.5	Conv. (m3/s)		48.5	
Length Wtd. (m)	52.00	Wetted Per. (m)		47.99	
Min Ch El (m)	33.73	Shear (N/m2)		43.37	
Alpha	1.00	Stream Power (N/m s)		52.31	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		87.21	0.08
C & E Loss (m)	0.02	Cum SA (1000 m2)		93.48	0.47

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T50 anni - Post

E.G. Elev (m)	34.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	34.03	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.03	Flow Area (m2)		8.79	
E.G. Slope (m/m)	0.029565	Area (m2)		8.79	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	54.16	Top Width (m)		54.16	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.30	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	65.3	Conv. (m3/s)		65.3	
Length Wtd. (m)	52.00	Wetted Per. (m)		54.19	
Min Ch El (m)	33.73	Shear (N/m2)		47.01	

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		60.09	
Frctn Loss (m)	0.25	Cum Volume (1000 m3)		91.02	0.10
C & E Loss (m)	0.02	Cum SA (1000 m2)		97.91	0.53

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T100 anni - Post

E.G. Elev (m)	34.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	34.06	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.06	Flow Area (m2)		10.33	
E.G. Slope (m/m)	0.028463	Area (m2)		10.33	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	55.56	Top Width (m)		55.56	
Vel Total (m/s)	1.37	Avg. Vel. (m/s)		1.37	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	84.0	Conv. (m3/s)		84.0	
Length Wtd. (m)	52.00	Wetted Per. (m)		55.59	
Min Ch El (m)	33.73	Shear (N/m2)		51.85	
Alpha	1.00	Stream Power (N/m s)		71.20	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		84.54	0.12
C & E Loss (m)	0.02	Cum SA (1000 m2)		103.21	0.62

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T200 anni - Post

E.G. Elev (m)	34.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	34.09	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.09	Flow Area (m2)		12.02	
E.G. Slope (m/m)	0.025439	Area (m2)		12.02	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	57.24	Top Width (m)		57.24	
Vel Total (m/s)	1.44	Avg. Vel. (m/s)		1.44	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	106.2	Conv. (m3/s)		106.2	
Length Wtd. (m)	52.00	Wetted Per. (m)		57.26	
Min Ch El (m)	33.73	Shear (N/m2)		54.43	
Alpha	1.00	Stream Power (N/m s)		78.15	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		98.06	0.14
C & E Loss (m)	0.03	Cum SA (1000 m2)		106.41	0.63

Plan: AnPo River 3 Reach 3 RS: 1438 Profile: T500 anni - Post

E.G. Elev (m)	34.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	34.13	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	34.13	Flow Area (m2)		14.07	
E.G. Slope (m/m)	0.025595	Area (m2)		14.07	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	59.68	Top Width (m)		59.68	
Vel Total (m/s)	1.53	Avg. Vel. (m/s)		1.53	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	134.2	Conv. (m3/s)		134.2	
Length Wtd. (m)	52.00	Wetted Per. (m)		59.71	
Min Ch El (m)	33.73	Shear (N/m2)		59.15	
Alpha	1.00	Stream Power (N/m s)		90.25	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		102.61	0.16
C & E Loss (m)	0.03	Cum SA (1000 m2)		109.87	0.64

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T25 anni - Ante

E.G. Elev (m)	33.50	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.50	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.31	Flow Area (m2)		14.17	
E.G. Slope (m/m)	0.001884	Area (m2)		14.17	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	56.63	Top Width (m)		56.63	
Vel Total (m/s)	0.43	Avg. Vel. (m/s)		0.43	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	140.5	Conv. (m3/s)		140.5	
Length Wtd. (m)	46.40	Wetted Per. (m)		56.72	
Min Ch El (m)	33.07	Shear (N/m2)		4.62	
Alpha	1.00	Stream Power (N/m s)		1.99	
Frctn Loss (m)	0.12	Cum Volume (1000 m3)		46.35	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		73.67	0.45

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T50 anni - Ante

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.55	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.35	Flow Area (m2)		17.20	
E.G. Slope (m/m)	0.002004	Area (m2)		17.20	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	59.85	Top Width (m)		59.85	
Vel Total (m/s)	0.49	Avg. Vel. (m/s)		0.49	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	187.0	Conv. (m3/s)		187.0	
Length Wtd. (m)	46.40	Wetted Per. (m)		59.94	
Min Ch El (m)	33.07	Shear (N/m2)		5.64	
Alpha	1.00	Stream Power (N/m s)		2.74	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		86.51	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		90.59	0.47

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T100 anni - Ante

E.G. Elev (m)	33.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.60	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.39	Flow Area (m2)		20.46	
E.G. Slope (m/m)	0.001942	Area (m2)		20.46	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	61.31	Top Width (m)		61.31	
Vel Total (m/s)	0.53	Avg. Vel. (m/s)		0.53	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	245.8	Conv. (m3/s)		245.8	
Length Wtd. (m)	46.40	Wetted Per. (m)		61.40	
Min Ch El (m)	33.07	Shear (N/m2)		6.34	
Alpha	1.00	Stream Power (N/m s)		3.36	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		90.22	0.09
C & E Loss (m)	0.01	Cum SA (1000 m2)		94.54	0.52

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T200 anni - Ante

E.G. Elev (m)	33.68	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.66	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.42	Flow Area (m2)		24.09	
E.G. Slope (m/m)	0.001816	Area (m2)		24.09	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T200 anni - Ante (Continued)

Top Width (m)	63.60	Top Width (m)		63.60	
Vel Total (m/s)	0.56	Avg. Vel. (m/s)		0.56	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	314.9	Conv. (m3/s)		314.9	
Length Wtd. (m)	46.40	Wetted Per. (m)		63.70	
Min Ch El (m)	33.07	Shear (N/m2)		6.73	
Alpha	1.00	Stream Power (N/m s)		3.75	
Frctn Loss (m)	0.31	Cum Volume (1000 m3)		92.69	0.12
C & E Loss (m)	0.01	Cum SA (1000 m2)		98.85	0.61

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T500 anni - Ante

E.G. Elev (m)	33.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.72	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.45	Flow Area (m2)		28.16	
E.G. Slope (m/m)	0.001881	Area (m2)		28.16	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	67.08	Top Width (m)		67.08	
Vel Total (m/s)	0.60	Avg. Vel. (m/s)		0.60	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	394.3	Conv. (m3/s)		394.3	
Length Wtd. (m)	46.40	Wetted Per. (m)		67.19	
Min Ch El (m)	33.07	Shear (N/m2)		7.65	
Alpha	1.00	Stream Power (N/m s)		4.62	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		96.68	0.14
C & E Loss (m)	0.01	Cum SA (1000 m2)		102.87	0.63

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T25 anni - Post

E.G. Elev (m)	33.56	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.55	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.35	Flow Area (m2)		17.30	
E.G. Slope (m/m)	0.001989	Area (m2)		17.30	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	59.90	Top Width (m)		59.90	
Vel Total (m/s)	0.49	Avg. Vel. (m/s)		0.49	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	188.8	Conv. (m3/s)		188.8	
Length Wtd. (m)	46.40	Wetted Per. (m)		59.99	
Min Ch El (m)	33.07	Shear (N/m2)		5.65	
Alpha	1.00	Stream Power (N/m s)		2.76	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		88.57	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		90.68	0.47

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T50 anni - Post

E.G. Elev (m)	33.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	33.61	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.39	Flow Area (m2)		21.11	
E.G. Slope (m/m)	0.001881	Area (m2)		21.11	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	61.54	Top Width (m)		61.54	
Vel Total (m/s)	0.53	Avg. Vel. (m/s)		0.53	
Max Chl Dpth (m)	0.54	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	258.3	Conv. (m3/s)		258.3	
Length Wtd. (m)	46.40	Wetted Per. (m)		61.63	
Min Ch El (m)	33.07	Shear (N/m2)		6.35	

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		3.36	
Frctn Loss (m)	0.20	Cum Volume (1000 m3)		90.24	0.10
C & E Loss (m)	0.01	Cum SA (1000 m2)		94.90	0.53

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T100 anni - Post

E.G. Elev (m)	33.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.67	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.42	Flow Area (m2)		24.92	
E.G. Slope (m/m)	0.001849	Area (m2)		24.92	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	64.56	Top Width (m)		64.56	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.39	
Conv. Total (m3/s)	328.8	Conv. (m3/s)		329.8	
Length Wtd. (m)	46.40	Wetted Per. (m)		64.67	
Min Ch El (m)	33.07	Shear (N/m2)		6.98	
Alpha	1.00	Stream Power (N/m s)		3.98	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		93.62	0.12
C & E Loss (m)	0.01	Cum SA (1000 m2)		100.09	0.62

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T200 anni - Post

E.G. Elev (m)	33.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.73	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.45	Flow Area (m2)		28.42	
E.G. Slope (m/m)	0.001864	Area (m2)		28.42	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	67.22	Top Width (m)		67.22	
Vel Total (m/s)	0.61	Avg. Vel. (m/s)		0.61	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	399.8	Conv. (m3/s)		399.8	
Length Wtd. (m)	46.40	Wetted Per. (m)		67.32	
Min Ch El (m)	33.07	Shear (N/m2)		7.72	
Alpha	1.00	Stream Power (N/m s)		4.66	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		97.01	0.14
C & E Loss (m)	0.01	Cum SA (1000 m2)		103.17	0.63

Plan: AnPo River 3 Reach 3 RS: 1386 Profile: T500 anni - Post

E.G. Elev (m)	33.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.79	Reach Len. (m)	46.40	46.40	46.40
Crit W.S. (m)	33.49	Flow Area (m2)		32.73	
E.G. Slope (m/m)	0.001900	Area (m2)		32.73	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	70.00	Top Width (m)		70.00	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.72	Hydr. Depth (m)		0.47	
Conv. Total (m3/s)	492.5	Conv. (m3/s)		492.5	
Length Wtd. (m)	46.40	Wetted Per. (m)		70.10	
Min Ch El (m)	33.07	Shear (N/m2)		8.70	
Alpha	1.00	Stream Power (N/m s)		5.71	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		101.39	0.16
C & E Loss (m)	0.01	Cum SA (1000 m2)		106.50	0.64

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T25 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.20	Flow Area (m2)		9.79	
E.G. Slope (m/m)	0.003898	Area (m2)		9.79	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	38.59	Top Width (m)		38.59	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.71	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	97.7	Conv. (m3/s)		97.7	
Length Wtd. (m)	99.50	Wetted Per. (m)		38.86	
Min Ch El (m)	32.65	Shear (N/m2)		9.63	
Alpha	1.00	Stream Power (N/m s)		6.00	
Frctn Loss (m)	0.83	Cum Volume (1000 m3)		47.79	0.06
C & E Loss (m)	0.01	Cum SA (1000 m2)		71.46	0.45

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T50 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.30	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)		Flow Area (m2)		7.68	
E.G. Slope (m/m)	0.012917	Area (m2)		7.68	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	32.06	Top Width (m)		32.06	
Vel Total (m/s)	1.09	Avg. Vel. (m/s)		1.09	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	73.6	Conv. (m3/s)		73.6	
Length Wtd. (m)	99.50	Wetted Per. (m)		32.29	
Min Ch El (m)	32.65	Shear (N/m2)		30.11	
Alpha	1.00	Stream Power (N/m s)		32.83	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		85.93	0.08
C & E Loss (m)	0.02	Cum SA (1000 m2)		88.46	0.47

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T100 anni - Ante

E.G. Elev (m)	33.42	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	33.34	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)		Flow Area (m2)		8.92	
E.G. Slope (m/m)	0.014735	Area (m2)		8.92	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	34.97	Top Width (m)		34.97	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	89.2	Conv. (m3/s)		89.2	
Length Wtd. (m)	99.50	Wetted Per. (m)		35.22	
Min Ch El (m)	32.65	Shear (N/m2)		38.58	
Alpha	1.00	Stream Power (N/m s)		44.43	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		89.54	0.09
C & E Loss (m)	0.02	Cum SA (1000 m2)		92.31	0.52

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T200 anni - Ante

E.G. Elev (m)	33.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.33	Flow Area (m2)		8.68	
E.G. Slope (m/m)	0.024208	Area (m2)		8.68	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T200 anni - Ante (Continued)

Top Width (m)	34.42	Top Width (m)		34.42	
Vel Total (m/s)	1.55	Avg. Vel. (m/s)		1.55	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	86.3	Conv. (m3/s)		86.3	
Length Wtd. (m)	99.50	Wetted Per. (m)		34.67	
Min Ch El (m)	32.65	Shear (N/m2)		59.45	
Alpha	1.00	Stream Power (N/m s)		91.88	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		91.93	0.12
C & E Loss (m)	0.04	Cum SA (1000 m2)		96.57	0.61

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T500 anni - Ante

E.G. Elev (m)	33.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.38	Flow Area (m2)		10.47	
E.G. Slope (m/m)	0.024917	Area (m2)		10.47	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	39.38	Top Width (m)		39.38	
Vel Total (m/s)	1.62	Avg. Vel. (m/s)		1.62	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	107.8	Conv. (m3/s)		107.8	
Length Wtd. (m)	99.50	Wetted Per. (m)		39.66	
Min Ch El (m)	32.65	Shear (N/m2)		64.53	
Alpha	1.00	Stream Power (N/m s)		104.82	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		95.78	0.14
C & E Loss (m)	0.04	Cum SA (1000 m2)		100.40	0.63

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T25 anni - Post

E.G. Elev (m)	33.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	33.30	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)		Flow Area (m2)		7.66	
E.G. Slope (m/m)	0.013198	Area (m2)		7.66	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	32.03	Top Width (m)		32.03	
Vel Total (m/s)	1.10	Avg. Vel. (m/s)		1.10	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	73.5	Conv. (m3/s)		73.5	
Length Wtd. (m)	99.50	Wetted Per. (m)		32.26	
Min Ch El (m)	32.65	Shear (N/m2)		30.74	
Alpha	1.00	Stream Power (N/m s)		33.86	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		85.99	0.08
C & E Loss (m)	0.02	Cum SA (1000 m2)		88.54	0.47

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T50 anni - Post

E.G. Elev (m)	33.42	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.29	Flow Area (m2)		8.40	
E.G. Slope (m/m)	0.018475	Area (m2)		8.40	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	33.77	Top Width (m)		33.77	
Vel Total (m/s)	1.34	Avg. Vel. (m/s)		1.34	
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	82.6	Conv. (m3/s)		82.6	
Length Wtd. (m)	99.50	Wetted Per. (m)		34.01	
Min Ch El (m)	32.65	Shear (N/m2)		44.73	

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		99.82	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		89.55	0.10
C & E Loss (m)	0.03	Cum SA (1000 m2)		92.69	0.53

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T100 anni - Post

E.G. Elev (m)	33.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	33.35	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.34	Flow Area (m2)		9.11	
E.G. Slope (m/m)	0.024352	Area (m2)		9.11	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	35.90	Top Width (m)		35.90	
Vel Total (m/s)	1.56	Avg. Vel. (m/s)		1.56	
Max Chl Dpth (m)	0.70	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	90.9	Conv. (m3/s)		90.9	
Length Wtd. (m)	99.50	Wetted Per. (m)		36.16	
Min Ch El (m)	32.65	Shear (N/m2)		60.18	
Alpha	1.00	Stream Power (N/m s)		93.66	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		82.83	0.12
C & E Loss (m)	0.04	Cum SA (1000 m2)		97.75	0.62

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T200 anni - Post

E.G. Elev (m)	33.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.38	Flow Area (m2)		10.58	
E.G. Slope (m/m)	0.024795	Area (m2)		10.58	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	39.42	Top Width (m)		39.42	
Vel Total (m/s)	1.63	Avg. Vel. (m/s)		1.63	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	109.6	Conv. (m3/s)		109.6	
Length Wtd. (m)	99.50	Wetted Per. (m)		39.69	
Min Ch El (m)	32.65	Shear (N/m2)		64.84	
Alpha	1.00	Stream Power (N/m s)		105.75	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		96.11	0.14
C & E Loss (m)	0.04	Cum SA (1000 m2)		100.70	0.63

Plan: AnPo River 3 Reach 3 RS: 1340 Profile: T500 anni - Post

E.G. Elev (m)	33.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	99.50	99.50	99.50
Crit W.S. (m)	33.43	Flow Area (m2)		12.28	
E.G. Slope (m/m)	0.023779	Area (m2)		12.28	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	39.89	Top Width (m)		39.89	
Vel Total (m/s)	1.75	Avg. Vel. (m/s)		1.75	
Max Chl Dpth (m)	0.78	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	139.2	Conv. (m3/s)		139.2	
Length Wtd. (m)	99.50	Wetted Per. (m)		40.17	
Min Ch El (m)	32.65	Shear (N/m2)		71.26	
Alpha	1.00	Stream Power (N/m s)		124.63	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		100.35	0.18
C & E Loss (m)	0.05	Cum SA (1000 m2)		103.95	0.64

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T25 anni - Ante

E.G. Elev (m)	32.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	32.47	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)	32.47	Flow Area (m2)		4.95	
E.G. Slope (m/m)	0.028519	Area (m2)		4.95	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	31.31	Top Width (m)		31.31	
Vel Total (m/s)	1.39	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	36.1	Conv. (m3/s)		36.1	
Length Wtd. (m)	36.90	Wetted Per. (m)		31.41	
Min Ch El (m)	32.08	Shear (N/m2)		44.06	
Alpha	1.00	Stream Power (N/m s)		54.31	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		47.06	0.06
C & E Loss (m)	0.02	Cum SA (1000 m2)		67.98	0.45

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)		Flow Area (m2)		65.18	
E.G. Slope (m/m)	0.000055	Area (m2)		65.18	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	113.26	Top Width (m)		113.26	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	1.25	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1124.9	Conv. (m3/s)		1124.9	
Length Wtd. (m)	36.90	Wetted Per. (m)		113.65	
Min Ch El (m)	32.08	Shear (N/m2)		0.31	
Alpha	1.00	Stream Power (N/m s)		0.04	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		82.31	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		81.23	0.47

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T100 anni - Ante

E.G. Elev (m)	33.37	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)		Flow Area (m2)		69.71	
E.G. Slope (m/m)	0.000080	Area (m2)		69.71	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	119.68	Top Width (m)		119.68	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	1.28	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1212.7	Conv. (m3/s)		1212.7	
Length Wtd. (m)	36.90	Wetted Per. (m)		120.09	
Min Ch El (m)	32.08	Shear (N/m2)		0.45	
Alpha	1.00	Stream Power (N/m s)		0.07	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		85.63	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		84.61	0.52

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)		Flow Area (m2)		71.22	
E.G. Slope (m/m)	0.000116	Area (m2)		71.22	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T200 anni - Ante (Continued)

Top Width (m)	121.47	Top Width (m)		121.47	
Vel Total (m/s)	0.19	Avg. Vel. (m/s)		0.19	
Max Chl Dpth (m)	1.30	Hydr. Depth (m)		0.59	
Conv. Total (m3/s)	1244.3	Conv. (m3/s)		1244.3	
Length Wtd. (m)	36.90	Wetted Per. (m)		121.89	
Min Ch El (m)	32.08	Shear (N/m2)		0.67	
Alpha	1.00	Stream Power (N/m s)		0.13	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		87.95	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		88.82	0.61

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T500 anni - Ante

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)	32.63	Flow Area (m2)		74.46	
E.G. Slope (m/m)	0.000172	Area (m2)		74.46	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	127.36	Top Width (m)		127.36	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	1.32	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1296.5	Conv. (m3/s)		1296.5	
Length Wtd. (m)	36.90	Wetted Per. (m)		127.79	
Min Ch El (m)	32.08	Shear (N/m2)		0.98	
Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		91.55	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		92.10	0.63

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)		Flow Area (m2)		65.19	
E.G. Slope (m/m)	0.000056	Area (m2)		65.19	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	113.27	Top Width (m)		113.27	
Vel Total (m/s)	0.13	Avg. Vel. (m/s)		0.13	
Max Chl Dpth (m)	1.25	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1125.1	Conv. (m3/s)		1125.1	
Length Wtd. (m)	36.90	Wetted Per. (m)		113.66	
Min Ch El (m)	32.08	Shear (N/m2)		0.32	
Alpha	1.00	Stream Power (N/m s)		0.04	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		82.37	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		81.32	0.47

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)		Flow Area (m2)		68.78	
E.G. Slope (m/m)	0.000089	Area (m2)		68.78	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	119.09	Top Width (m)		119.09	
Vel Total (m/s)	0.16	Avg. Vel. (m/s)		0.16	
Max Chl Dpth (m)	1.28	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1189.7	Conv. (m3/s)		1189.7	
Length Wtd. (m)	36.90	Wetted Per. (m)		119.49	
Min Ch El (m)	32.08	Shear (N/m2)		0.50	

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.08	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		85.71	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		85.08	0.53

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T100 anni - Post

E.G. Elev (m)	33.39	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)		Flow Area (m2)		72.07	
E.G. Slope (m/m)	0.000127	Area (m2)		72.07	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	123.44	Top Width (m)		123.44	
Vel Total (m/s)	0.20	Avg. Vel. (m/s)		0.20	
Max Chl Dpth (m)	1.30	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1255.8	Conv. (m3/s)		1255.8	
Length Wtd. (m)	36.90	Wetted Per. (m)		123.86	
Min Ch El (m)	32.08	Shear (N/m2)		0.73	
Alpha	1.00	Stream Power (N/m s)		0.14	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		88.79	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		89.83	0.62

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)	32.63	Flow Area (m2)		74.90	
E.G. Slope (m/m)	0.000177	Area (m2)		74.90	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	129.45	Top Width (m)		129.45	
Vel Total (m/s)	0.23	Avg. Vel. (m/s)		0.23	
Max Chl Dpth (m)	1.33	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1297.2	Conv. (m3/s)		1297.2	
Length Wtd. (m)	36.90	Wetted Per. (m)		129.88	
Min Ch El (m)	32.08	Shear (N/m2)		1.00	
Alpha	1.00	Stream Power (N/m s)		0.23	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		91.85	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		92.30	0.63

Plan: AnPo River 3 Reach 3 RS: 1241 Profile: T500 anni - Post

E.G. Elev (m)	33.44	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	36.90	36.90	36.90
Crit W.S. (m)	32.68	Flow Area (m2)		78.24	
E.G. Slope (m/m)	0.000248	Area (m2)		78.24	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	133.98	Top Width (m)		133.98	
Vel Total (m/s)	0.27	Avg. Vel. (m/s)		0.27	
Max Chl Dpth (m)	1.35	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1363.7	Conv. (m3/s)		1363.7	
Length Wtd. (m)	36.90	Wetted Per. (m)		134.42	
Min Ch El (m)	32.08	Shear (N/m2)		1.41	
Alpha	1.00	Stream Power (N/m s)		0.39	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		95.84	0.16
C & E Loss (m)	0.00	Cum SA (1000 m2)		96.30	0.64

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T25 anni - Ante

E.G. Elev (m)	32.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.07	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)	31.04	Flow Area (m2)		76.82	
E.G. Slope (m/m)	0.000013	Area (m2)		76.82	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	82.19	Top Width (m)		82.19	
Vel Total (m/s)	0.08	Avg. Vel. (m/s)		0.08	
Max Chl Dpth (m)	1.38	Hydr. Depth (m)		0.93	
Conv. Total (m3/s)	1690.6	Conv. (m3/s)		1690.6	
Length Wtd. (m)	30.40	Wetted Per. (m)		93.02	
Min Ch El (m)	30.69	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		45.55	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		65.70	0.45

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		224.69	
E.G. Slope (m/m)	0.000001	Area (m2)		224.53	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	149.13	Top Width (m)		149.13	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	2.64	Hydr. Depth (m)		1.51	
Conv. Total (m3/s)	7324.3	Conv. (m3/s)		7324.3	
Length Wtd. (m)	30.40	Wetted Per. (m)		150.64	
Min Ch El (m)	30.69	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		76.96	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.39	0.47

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T100 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		230.35	
E.G. Slope (m/m)	0.000002	Area (m2)		230.35	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	150.29	Top Width (m)		150.29	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	2.67	Hydr. Depth (m)		1.53	
Conv. Total (m3/s)	7603.7	Conv. (m3/s)		7603.7	
Length Wtd. (m)	30.40	Wetted Per. (m)		151.82	
Min Ch El (m)	30.69	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		80.09	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		79.63	0.52

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		232.27	
E.G. Slope (m/m)	0.000003	Area (m2)		232.27	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T200 anni - Ante (Continued)

Top Width (m)	150.64	Top Width (m)		150.64	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	2.69	Hydr. Depth (m)		1.54	
Conv. Total (m3/s)	7697.7	Conv. (m3/s)		7697.7	
Length Wtd. (m)	30.40	Wetted Per. (m)		152.17	
Min Ch El (m)	30.69	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		82.35	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		83.80	0.61

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T500 anni - Ante

E.G. Elev (m)	33.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		236.26	
E.G. Slope (m/m)	0.000005	Area (m2)		236.26	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	151.51	Top Width (m)		151.51	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	2.71	Hydr. Depth (m)		1.56	
Conv. Total (m3/s)	7889.4	Conv. (m3/s)		7889.4	
Length Wtd. (m)	30.40	Wetted Per. (m)		153.06	
Min Ch El (m)	30.69	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		85.82	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		86.96	0.63

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		224.54	
E.G. Slope (m/m)	0.000001	Area (m2)		224.54	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	149.13	Top Width (m)		149.13	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	2.64	Hydr. Depth (m)		1.51	
Conv. Total (m3/s)	7324.9	Conv. (m3/s)		7324.9	
Length Wtd. (m)	30.40	Wetted Per. (m)		150.64	
Min Ch El (m)	30.69	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		77.02	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.47	0.47

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		229.18	
E.G. Slope (m/m)	0.000002	Area (m2)		229.18	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	150.08	Top Width (m)		150.08	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	2.67	Hydr. Depth (m)		1.53	
Conv. Total (m3/s)	7546.9	Conv. (m3/s)		7546.9	
Length Wtd. (m)	30.40	Wetted Per. (m)		151.60	
Min Ch El (m)	30.69	Shear (N/m2)		0.03	

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		80.22	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		80.12	0.53

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T100 anni - Post

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		233.33	
E.G. Slope (m/m)	0.000003	Area (m2)		233.33	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	150.86	Top Width (m)		150.86	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	2.69	Hydr. Depth (m)		1.55	
Conv. Total (m3/s)	7748.0	Conv. (m3/s)		7749.0	
Length Wtd. (m)	30.40	Wetted Per. (m)		152.40	
Min Ch El (m)	30.69	Shear (N/m2)		0.05	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		83.16	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		84.77	0.62

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		236.78	
E.G. Slope (m/m)	0.000005	Area (m2)		236.78	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	151.62	Top Width (m)		151.62	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	2.72	Hydr. Depth (m)		1.56	
Conv. Total (m3/s)	7914.4	Conv. (m3/s)		7914.4	
Length Wtd. (m)	30.40	Wetted Per. (m)		153.17	
Min Ch El (m)	30.69	Shear (N/m2)		0.07	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		86.10	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		87.11	0.63

Plan: AnPo River 3 Reach 3 RS: 1204 Profile: T500 anni - Post

E.G. Elev (m)	33.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	30.40	30.40	30.40
Crit W.S. (m)		Flow Area (m2)		240.70	
E.G. Slope (m/m)	0.000007	Area (m2)		240.70	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	152.54	Top Width (m)		152.54	
Vel Total (m/s)	0.09	Avg. Vel. (m/s)		0.09	
Max Chl Dpth (m)	2.74	Hydr. Depth (m)		1.58	
Conv. Total (m3/s)	8101.1	Conv. (m3/s)		8101.1	
Length Wtd. (m)	30.40	Wetted Per. (m)		154.09	
Min Ch El (m)	30.69	Shear (N/m2)		0.11	
Alpha	1.00	Stream Power (N/m s)		0.01	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		89.96	0.18
C & E Loss (m)	0.00	Cum SA (1000 m2)		90.01	0.64

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T25 anni - Ante

E.G. Elev (m)	32.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.07	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		135.64	
E.G. Slope (m/m)	0.000002	Area (m2)		135.64	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	101.66	Top Width (m)		101.66	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	2.29	Hydr. Depth (m)		1.33	
Conv. Total (m3/s)	4083.2	Conv. (m3/s)		4083.2	
Length Wtd. (m)	24.90	Wetted Per. (m)		102.65	
Min Ch El (m)	29.78	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		42.32	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		62.75	0.45

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		287.03	
E.G. Slope (m/m)	0.000001	Area (m2)		287.03	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	146.82	Top Width (m)		146.82	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	3.55	Hydr. Depth (m)		1.96	
Conv. Total (m3/s)	11135.4	Conv. (m3/s)		11135.4	
Length Wtd. (m)	24.90	Wetted Per. (m)		148.48	
Min Ch El (m)	29.78	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		69.19	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		71.89	0.47

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T100 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		292.78	
E.G. Slope (m/m)	0.000001	Area (m2)		292.78	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	148.75	Top Width (m)		148.75	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	3.58	Hydr. Depth (m)		1.97	
Conv. Total (m3/s)	11410.2	Conv. (m3/s)		11410.2	
Length Wtd. (m)	24.90	Wetted Per. (m)		150.43	
Min Ch El (m)	29.78	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		72.14	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		75.09	0.52

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		294.68	
E.G. Slope (m/m)	0.000001	Area (m2)		294.68	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T200 anni - Ante (Continued)

Top Width (m)	149.14	Top Width (m)		149.14	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	3.60	Hydr. Depth (m)		1.98	
Conv. Total (m3/s)	11513.6	Conv. (m3/s)		11513.6	
Length Wtd. (m)	24.90	Wetted Per. (m)		150.83	
Min Ch El (m)	29.78	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		74.34	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		79.24	0.61

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T500 anni - Ante

E.G. Elev (m)	33.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		298.64	
E.G. Slope (m/m)	0.000002	Area (m2)		298.64	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	149.94	Top Width (m)		149.94	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	3.62	Hydr. Depth (m)		1.99	
Conv. Total (m3/s)	11730.4	Conv. (m3/s)		11730.4	
Length Wtd. (m)	24.90	Wetted Per. (m)		151.64	
Min Ch El (m)	29.78	Shear (N/m2)		0.04	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		77.69	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		82.38	0.63

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		287.04	
E.G. Slope (m/m)	0.000001	Area (m2)		287.04	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	148.83	Top Width (m)		148.83	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	3.55	Hydr. Depth (m)		1.95	
Conv. Total (m3/s)	11135.9	Conv. (m3/s)		11135.9	
Length Wtd. (m)	24.90	Wetted Per. (m)		148.49	
Min Ch El (m)	29.78	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		69.25	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		71.98	0.47

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		291.63	
E.G. Slope (m/m)	0.000001	Area (m2)		291.63	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	148.50	Top Width (m)		148.50	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	3.58	Hydr. Depth (m)		1.96	
Conv. Total (m3/s)	11348.1	Conv. (m3/s)		11348.1	
Length Wtd. (m)	24.90	Wetted Per. (m)		150.18	
Min Ch El (m)	29.78	Shear (N/m2)		0.02	

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		72.30	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		75.58	0.53

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T100 anni - Post

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		286.74	
E.G. Slope (m/m)	0.000002	Area (m2)		286.74	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	149.36	Top Width (m)		149.36	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	3.60	Hydr. Depth (m)		1.98	
Conv. Total (m3/s)	11571.3	Conv. (m3/s)		11571.3	
Length Wtd. (m)	24.90	Wetted Per. (m)		151.05	
Min Ch El (m)	29.78	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		75.12	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		80.20	0.62

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		299.15	
E.G. Slope (m/m)	0.000002	Area (m2)		299.15	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	150.04	Top Width (m)		150.04	
Vel Total (m/s)	0.06	Avg. Vel. (m/s)		0.06	
Max Chl Dpth (m)	3.63	Hydr. Depth (m)		1.99	
Conv. Total (m3/s)	11758.7	Conv. (m3/s)		11758.7	
Length Wtd. (m)	24.90	Wetted Per. (m)		151.74	
Min Ch El (m)	29.78	Shear (N/m2)		0.04	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		77.96	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		82.53	0.63

Plan: AnPo River 3 Reach 3 RS: 1174 Profile: T500 anni - Post

E.G. Elev (m)	33.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	24.90	24.90	24.90
Crit W.S. (m)		Flow Area (m2)		303.02	
E.G. Slope (m/m)	0.000003	Area (m2)		303.02	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	151.12	Top Width (m)		151.12	
Vel Total (m/s)	0.07	Avg. Vel. (m/s)		0.07	
Max Chl Dpth (m)	3.65	Hydr. Depth (m)		2.01	
Conv. Total (m3/s)	11856.5	Conv. (m3/s)		11856.5	
Length Wtd. (m)	24.90	Wetted Per. (m)		152.83	
Min Ch El (m)	29.78	Shear (N/m2)		0.06	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		81.70	0.16
C & E Loss (m)	0.00	Cum SA (1000 m2)		85.40	0.64

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T25 anni - Ante

E.G. Elev (m)	32.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.07	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		205.49	
E.G. Slope (m/m)	0.000001	Area (m2)		205.49	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	120.80	Top Width (m)		120.80	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	2.56	Hydr. Depth (m)		1.70	
Conv. Total (m3/s)	7310.0	Conv. (m3/s)		7310.0	
Length Wtd. (m)	31.10	Wetted Per. (m)		121.07	
Min Ch El (m)	29.51	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		38.08	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		59.98	0.45

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		383.62	
E.G. Slope (m/m)	0.000000	Area (m2)		383.62	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	162.34	Top Width (m)		162.34	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	3.82	Hydr. Depth (m)		2.36	
Conv. Total (m3/s)	16980.4	Conv. (m3/s)		16980.4	
Length Wtd. (m)	31.10	Wetted Per. (m)		162.73	
Min Ch El (m)	29.51	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		60.84	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		68.04	0.47

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T100 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		389.85	
E.G. Slope (m/m)	0.000000	Area (m2)		389.85	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	163.45	Top Width (m)		163.45	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	3.85	Hydr. Depth (m)		2.39	
Conv. Total (m3/s)	17371.1	Conv. (m3/s)		17371.1	
Length Wtd. (m)	31.10	Wetted Per. (m)		163.84	
Min Ch El (m)	29.51	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		63.64	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		71.20	0.52

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		391.94	
E.G. Slope (m/m)	0.000001	Area (m2)		391.94	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T200 anni - Ante (Continued)

Top Width (m)	164.03	Top Width (m)		164.03	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	3.87	Hydr. Depth (m)		2.39	
Conv. Total (m3/s)	17485.0	Conv. (m3/s)		17485.0	
Length Wtd. (m)	31.10	Wetted Per. (m)		164.43	
Min Ch El (m)	29.51	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		65.79	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		75.34	0.61

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T500 anni - Ante

E.G. Elev (m)	33.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		396.30	
E.G. Slope (m/m)	0.000001	Area (m2)		396.30	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	165.58	Top Width (m)		165.58	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	3.89	Hydr. Depth (m)		2.39	
Conv. Total (m3/s)	17699.1	Conv. (m3/s)		17699.1	
Length Wtd. (m)	31.10	Wetted Per. (m)		165.98	
Min Ch El (m)	29.51	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		69.04	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.45	0.63

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		383.54	
E.G. Slope (m/m)	0.000000	Area (m2)		383.54	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	162.34	Top Width (m)		162.34	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	3.82	Hydr. Depth (m)		2.36	
Conv. Total (m3/s)	16981.2	Conv. (m3/s)		16981.2	
Length Wtd. (m)	31.10	Wetted Per. (m)		162.73	
Min Ch El (m)	29.51	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		60.90	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		68.13	0.47

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		388.59	
E.G. Slope (m/m)	0.000000	Area (m2)		388.59	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	163.23	Top Width (m)		163.23	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	3.85	Hydr. Depth (m)		2.38	
Conv. Total (m3/s)	17292.8	Conv. (m3/s)		17292.8	
Length Wtd. (m)	31.10	Wetted Per. (m)		163.62	
Min Ch El (m)	29.51	Shear (N/m2)		0.01	

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		63.83	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		71.70	0.53

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T100 anni - Post

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		393.10	
E.G. Slope (m/m)	0.000001	Area (m2)		393.10	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	164.45	Top Width (m)		164.45	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	3.87	Hydr. Depth (m)		2.39	
Conv. Total (m3/s)	17541.9	Conv. (m3/s)		17541.9	
Length Wtd. (m)	31.10	Wetted Per. (m)		164.84	
Min Ch El (m)	29.51	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		66.54	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		76.30	0.62

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		396.87	
E.G. Slope (m/m)	0.000001	Area (m2)		396.87	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	165.78	Top Width (m)		165.78	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	3.90	Hydr. Depth (m)		2.39	
Conv. Total (m3/s)	17727.2	Conv. (m3/s)		17727.2	
Length Wtd. (m)	31.10	Wetted Per. (m)		166.18	
Min Ch El (m)	29.51	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		69.29	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		78.59	0.63

Plan: AnPo River 3 Reach 3 RS: 1149 Profile: T500 anni - Post

E.G. Elev (m)	33.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	31.10	31.10	31.10
Crit W.S. (m)		Flow Area (m2)		401.15	
E.G. Slope (m/m)	0.000001	Area (m2)		401.15	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	167.12	Top Width (m)		167.12	
Vel Total (m/s)	0.05	Avg. Vel. (m/s)		0.05	
Max Chl Dpth (m)	3.92	Hydr. Depth (m)		2.40	
Conv. Total (m3/s)	17950.5	Conv. (m3/s)		17950.5	
Length Wtd. (m)	31.10	Wetted Per. (m)		167.52	
Min Ch El (m)	29.51	Shear (N/m2)		0.03	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		72.93	0.16
C & E Loss (m)	0.00	Cum SA (1000 m2)		81.43	0.64

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T25 anni - Ante

E.G. Elev (m)	32.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.07	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		270.73	
E.G. Slope (m/m)	0.000000	Area (m2)		270.73	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	143.14	Top Width (m)		143.14	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	3.23	Hydr. Depth (m)		1.89	
Conv. Total (m3/s)	10333.3	Conv. (m3/s)		10333.3	
Length Wtd. (m)	27.40	Wetted Per. (m)		143.52	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		30.67	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		55.88	0.45

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		470.33	
E.G. Slope (m/m)	0.000000	Area (m2)		470.33	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	176.34	Top Width (m)		176.34	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.49	Hydr. Depth (m)		2.67	
Conv. Total (m3/s)	22567.0	Conv. (m3/s)		22567.0	
Length Wtd. (m)	27.40	Wetted Per. (m)		176.89	
Min Ch El (m)	28.84	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		47.56	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		62.77	0.47

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T100 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		477.19	
E.G. Slope (m/m)	0.000000	Area (m2)		477.19	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	177.63	Top Width (m)		177.63	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.52	Hydr. Depth (m)		2.69	
Conv. Total (m3/s)	23005.9	Conv. (m3/s)		23005.9	
Length Wtd. (m)	27.40	Wetted Per. (m)		178.19	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		50.16	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		65.90	0.52

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		479.47	
E.G. Slope (m/m)	0.000000	Area (m2)		479.47	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T200 anni - Ante (Continued)

Top Width (m)	178.52	Top Width (m)		178.52	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	4.54	Hydr. Depth (m)		2.69	
Conv. Total (m3/s)	23111.8	Conv. (m3/s)		23111.8	
Length Wtd. (m)	27.40	Wetted Per. (m)		179.08	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		52.24	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		70.02	0.61

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T500 anni - Ante

E.G. Elev (m)	33.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		484.20	
E.G. Slope (m/m)	0.000001	Area (m2)		484.20	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	179.46	Top Width (m)		179.46	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	4.56	Hydr. Depth (m)		2.70	
Conv. Total (m3/s)	23411.8	Conv. (m3/s)		23411.8	
Length Wtd. (m)	27.40	Wetted Per. (m)		180.02	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		55.35	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		73.08	0.63

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		470.34	
E.G. Slope (m/m)	0.000000	Area (m2)		470.34	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	176.34	Top Width (m)		176.34	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.49	Hydr. Depth (m)		2.67	
Conv. Total (m3/s)	22568.1	Conv. (m3/s)		22568.1	
Length Wtd. (m)	27.40	Wetted Per. (m)		176.89	
Min Ch El (m)	28.84	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		47.62	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		62.66	0.47

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		475.82	
E.G. Slope (m/m)	0.000000	Area (m2)		475.82	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	177.09	Top Width (m)		177.09	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.52	Hydr. Depth (m)		2.69	
Conv. Total (m3/s)	22942.2	Conv. (m3/s)		22942.2	
Length Wtd. (m)	27.40	Wetted Per. (m)		177.65	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		50.39	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		66.41	0.53

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T100 anni - Post

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		480.73	
E.G. Slope (m/m)	0.000000	Area (m2)		480.73	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	178.93	Top Width (m)		178.93	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	4.54	Hydr. Depth (m)		2.69	
Conv. Total (m3/s)	23178.3	Conv. (m3/s)		23178.3	
Length Wtd. (m)	27.40	Wetted Per. (m)		179.49	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		52.95	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		70.96	0.62

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		484.82	
E.G. Slope (m/m)	0.000001	Area (m2)		484.82	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	179.52	Top Width (m)		179.52	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	4.57	Hydr. Depth (m)		2.70	
Conv. Total (m3/s)	23456.0	Conv. (m3/s)		23456.0	
Length Wtd. (m)	27.40	Wetted Per. (m)		180.09	
Min Ch El (m)	28.84	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		65.58	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		73.22	0.63

Plan: AnPo River 3 Reach 3 RS: 1118 Profile: T500 anni - Post

E.G. Elev (m)	33.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	27.40	27.40	27.40
Crit W.S. (m)		Flow Area (m2)		489.45	
E.G. Slope (m/m)	0.000001	Area (m2)		489.45	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	179.99	Top Width (m)		179.99	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	4.59	Hydr. Depth (m)		2.72	
Conv. Total (m3/s)	23786.3	Conv. (m3/s)		23786.3	
Length Wtd. (m)	27.40	Wetted Per. (m)		180.56	
Min Ch El (m)	28.84	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		59.08	0.16
C & E Loss (m)	0.00	Cum SA (1000 m2)		76.04	0.64

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T25 anni - Ante

E.G. Elev (m)	32.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.07	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		339.06	
E.G. Slope (m/m)	0.000000	Area (m2)		339.06	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	159.22	Top Width (m)		159.22	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	3.64	Hydr. Depth (m)		2.13	
Conv. Total (m3/s)	14003.0	Conv. (m3/s)		14003.0	
Length Wtd. (m)	37.00	Wetted Per. (m)		159.69	
Min Ch El (m)	28.43	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		22.32	0.06
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.74	0.45

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		563.22	
E.G. Slope (m/m)	0.000000	Area (m2)		563.22	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	202.79	Top Width (m)		202.79	
Vel Total (m/s)	0.01	Avg. Vel. (m/s)		0.01	
Max Chl Dpth (m)	4.90	Hydr. Depth (m)		2.78	
Conv. Total (m3/s)	27748.1	Conv. (m3/s)		27748.1	
Length Wtd. (m)	37.00	Wetted Per. (m)		203.59	
Min Ch El (m)	28.43	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		33.40	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.58	0.47

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T100 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		571.11	
E.G. Slope (m/m)	0.000000	Area (m2)		571.11	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	203.20	Top Width (m)		203.20	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.93	Hydr. Depth (m)		2.81	
Conv. Total (m3/s)	28359.7	Conv. (m3/s)		28359.7	
Length Wtd. (m)	37.00	Wetted Per. (m)		204.01	
Min Ch El (m)	28.43	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		35.80	0.09
C & E Loss (m)	0.00	Cum SA (1000 m2)		60.66	0.52

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		573.71	
E.G. Slope (m/m)	0.000000	Area (m2)		573.71	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T200 anni - Ante (Continued)

Top Width (m)	203.34	Top Width (m)		203.34	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.95	Hydr. Depth (m)		2.82	
Conv. Total (m3/s)	28562.0	Conv. (m3/s)		28562.0	
Length Wtd. (m)	37.00	Wetted Per. (m)		204.15	
Min Ch El (m)	28.43	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		37.82	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		64.78	0.61

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T500 anni - Ante

E.G. Elev (m)	33.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		579.09	
E.G. Slope (m/m)	0.000000	Area (m2)		579.09	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	203.62	Top Width (m)		203.62	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	4.97	Hydr. Depth (m)		2.84	
Conv. Total (m3/s)	28982.7	Conv. (m3/s)		28982.7	
Length Wtd. (m)	37.00	Wetted Per. (m)		204.44	
Min Ch El (m)	28.43	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		40.78	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.83	0.63

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		563.24	
E.G. Slope (m/m)	0.000000	Area (m2)		563.24	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	202.80	Top Width (m)		202.80	
Vel Total (m/s)	0.01	Avg. Vel. (m/s)		0.01	
Max Chl Dpth (m)	4.90	Hydr. Depth (m)		2.78	
Conv. Total (m3/s)	27749.3	Conv. (m3/s)		27749.3	
Length Wtd. (m)	37.00	Wetted Per. (m)		203.59	
Min Ch El (m)	28.43	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		33.48	0.08
C & E Loss (m)	0.00	Cum SA (1000 m2)		57.67	0.47

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		569.54	
E.G. Slope (m/m)	0.000000	Area (m2)		569.54	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	203.12	Top Width (m)		203.12	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.93	Hydr. Depth (m)		2.80	
Conv. Total (m3/s)	28237.3	Conv. (m3/s)		28237.3	
Length Wtd. (m)	37.00	Wetted Per. (m)		203.93	
Min Ch El (m)	28.43	Shear (N/m2)		0.00	

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		36.07	0.10
C & E Loss (m)	0.00	Cum SA (1000 m2)		61.20	0.53

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T100 anni - Post

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		575.14	
E.G. Slope (m/m)	0.000000	Area (m2)		575.14	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	203.41	Top Width (m)		203.41	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.95	Hydr. Depth (m)		2.83	
Conv. Total (m3/s)	28674.1	Conv. (m3/s)		28674.1	
Length Wtd. (m)	37.00	Wetted Per. (m)		204.23	
Min Ch El (m)	28.43	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		38.49	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		66.72	0.62

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		579.79	
E.G. Slope (m/m)	0.000000	Area (m2)		579.79	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	203.66	Top Width (m)		203.66	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	4.98	Hydr. Depth (m)		2.85	
Conv. Total (m3/s)	29037.5	Conv. (m3/s)		29037.5	
Length Wtd. (m)	37.00	Wetted Per. (m)		204.48	
Min Ch El (m)	28.43	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		41.00	0.14
C & E Loss (m)	0.00	Cum SA (1000 m2)		67.97	0.63

Plan: AnPo River 3 Reach 3 RS: 1090 Profile: T500 anni - Post

E.G. Elev (m)	33.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	37.00	37.00	37.00
Crit W.S. (m)		Flow Area (m2)		585.03	
E.G. Slope (m/m)	0.000001	Area (m2)		585.03	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	203.93	Top Width (m)		203.93	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	5.00	Hydr. Depth (m)		2.87	
Conv. Total (m3/s)	29449.9	Conv. (m3/s)		29449.9	
Length Wtd. (m)	37.00	Wetted Per. (m)		204.76	
Min Ch El (m)	28.43	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		44.36	0.16
C & E Loss (m)	0.00	Cum SA (1000 m2)		70.78	0.64

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T25 anni - Ante

E.G. Elev (m)	32.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	32.07	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.84	Flow Area (m2)		285.82	
E.G. Slope (m/m)	0.000000	Area (m2)		285.82	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	169.99	Top Width (m)		169.99	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	3.70	Hydr. Depth (m)		1.68	
Conv. Total (m3/s)	10071.6	Conv. (m3/s)		10071.6	
Length Wtd. (m)	32.80	Wetted Per. (m)		170.80	
Min Ch El (m)	28.38	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		10.76	0.06
C & E Loss (m)		Cum SA (1000 m2)		45.65	0.45

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T50 anni - Ante

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.89	Flow Area (m2)		543.46	
E.G. Slope (m/m)	0.000000	Area (m2)		543.46	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	222.91	Top Width (m)		222.91	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.95	Hydr. Depth (m)		2.44	
Conv. Total (m3/s)	24521.6	Conv. (m3/s)		24521.6	
Length Wtd. (m)	32.80	Wetted Per. (m)		224.12	
Min Ch El (m)	28.38	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		12.93	0.08
C & E Loss (m)		Cum SA (1000 m2)		49.70	0.47

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T100 anni - Ante

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.94	Flow Area (m2)		552.14	
E.G. Slope (m/m)	0.000000	Area (m2)		552.14	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	224.11	Top Width (m)		224.11	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.99	Hydr. Depth (m)		2.46	
Conv. Total (m3/s)	25087.9	Conv. (m3/s)		25087.9	
Length Wtd. (m)	32.80	Wetted Per. (m)		225.34	
Min Ch El (m)	28.38	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		15.02	0.09
C & E Loss (m)		Cum SA (1000 m2)		52.77	0.52

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T200 anni - Ante

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.98	Flow Area (m2)		555.00	
E.G. Slope (m/m)	0.000000	Area (m2)		555.00	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T200 anni - Ante (Continued)

Top Width (m)	224.23	Top Width (m)		224.23	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	5.00	Hydr. Depth (m)		2.48	
Conv. Total (m3/s)	25295.9	Conv. (m3/s)		25295.9	
Length Wtd. (m)	32.80	Wetted Per. (m)		225.48	
Min Ch El (m)	28.38	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		16.93	0.12
C & E Loss (m)		Cum SA (1000 m2)		56.87	0.61

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T500 anni - Ante

E.G. Elev (m)	33.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.40	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	29.04	Flow Area (m2)		560.93	
E.G. Slope (m/m)	0.000000	Area (m2)		560.93	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	224.48	Top Width (m)		224.48	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	5.03	Hydr. Depth (m)		2.50	
Conv. Total (m3/s)	25728.7	Conv. (m3/s)		25728.7	
Length Wtd. (m)	32.80	Wetted Per. (m)		225.72	
Min Ch El (m)	28.38	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		19.69	0.14
C & E Loss (m)		Cum SA (1000 m2)		59.91	0.63

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T25 anni - Post

E.G. Elev (m)	33.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.33	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.89	Flow Area (m2)		543.47	
E.G. Slope (m/m)	0.000000	Area (m2)		543.47	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	222.91	Top Width (m)		222.91	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.95	Hydr. Depth (m)		2.44	
Conv. Total (m3/s)	24522.8	Conv. (m3/s)		24522.8	
Length Wtd. (m)	32.80	Wetted Per. (m)		224.12	
Min Ch El (m)	28.38	Shear (N/m2)		0.00	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		12.99	0.08
C & E Loss (m)		Cum SA (1000 m2)		49.79	0.47

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T50 anni - Post

E.G. Elev (m)	33.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.36	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.94	Flow Area (m2)		550.40	
E.G. Slope (m/m)	0.000000	Area (m2)		550.40	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	224.04	Top Width (m)		224.04	
Vel Total (m/s)	0.02	Avg. Vel. (m/s)		0.02	
Max Chl Dpth (m)	4.98	Hydr. Depth (m)		2.46	
Conv. Total (m3/s)	24962.1	Conv. (m3/s)		24962.1	
Length Wtd. (m)	32.80	Wetted Per. (m)		225.28	
Min Ch El (m)	28.38	Shear (N/m2)		0.00	

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		15.35	0.10
C & E Loss (m)		Cum SA (1000 m2)		53.29	0.53

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T100 anni - Post

E.G. Elev (m)	33.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.38	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	28.99	Flow Area (m2)		556.59	
E.G. Slope (m/m)	0.000000	Area (m2)		556.59	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	224.30	Top Width (m)		224.30	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	5.01	Hydr. Depth (m)		2.48	
Conv. Total (m3/s)	25411.2	Conv. (m3/s)		25411.2	
Length Wtd. (m)	32.80	Wetted Per. (m)		225.53	
Min Ch El (m)	28.38	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		17.55	0.12
C & E Loss (m)		Cum SA (1000 m2)		57.81	0.62

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T200 anni - Post

E.G. Elev (m)	33.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.41	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	29.05	Flow Area (m2)		561.70	
E.G. Slope (m/m)	0.000000	Area (m2)		561.70	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	224.51	Top Width (m)		224.51	
Vel Total (m/s)	0.03	Avg. Vel. (m/s)		0.03	
Max Chl Dpth (m)	5.03	Hydr. Depth (m)		2.50	
Conv. Total (m3/s)	25785.1	Conv. (m3/s)		25785.1	
Length Wtd. (m)	32.80	Wetted Per. (m)		225.75	
Min Ch El (m)	28.38	Shear (N/m2)		0.01	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		19.88	0.14
C & E Loss (m)		Cum SA (1000 m2)		60.06	0.63

Plan: AnPo River 3 Reach 3 RS: 1053 Profile: T500 anni - Post

E.G. Elev (m)	33.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	33.43	Reach Len. (m)	32.80	32.80	32.80
Crit W.S. (m)	29.11	Flow Area (m2)		567.48	
E.G. Slope (m/m)	0.000001	Area (m2)		567.48	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	224.75	Top Width (m)		224.75	
Vel Total (m/s)	0.04	Avg. Vel. (m/s)		0.04	
Max Chl Dpth (m)	5.06	Hydr. Depth (m)		2.52	
Conv. Total (m3/s)	26209.6	Conv. (m3/s)		26209.6	
Length Wtd. (m)	32.80	Wetted Per. (m)		226.00	
Min Ch El (m)	28.38	Shear (N/m2)		0.02	
Alpha	1.00	Stream Power (N/m s)		0.00	
Frctn Loss (m)		Cum Volume (1000 m3)		23.04	0.16
C & E Loss (m)		Cum SA (1000 m2)		62.85	0.64

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T25 anni - Ante

E.G. Elev (m)	28.45	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.			0.040
W.S. Elev (m)	28.32	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.32	Flow Area (m2)			3.73
E.G. Slope (m/m)	0.024584	Area (m2)			3.73
Q Total (m3/s)	6.10	Flow (m3/s)			6.10
Top Width (m)	13.80	Top Width (m)			13.80
Vel Total (m/s)	1.63	Avg. Vel. (m/s)			1.63
Max Chl Dpth (m)	0.37	Hydr. Depth (m)			0.27
Conv. Total (m3/s)	38.9	Conv. (m3/s)			38.9
Length Wtd. (m)	32.50	Wetted Per. (m)			13.85
Min Ch El (m)	28.48	Shear (N/m2)			64.94
Alpha	1.00	Stream Power (N/m s)			106.18
Frctn Loss (m)	0.61	Cum Volume (1000 m3)		10.46	0.06
C & E Loss (m)	0.02	Cum SA (1000 m2)		42.86	0.22

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T50 anni - Ante

E.G. Elev (m)	28.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.			0.040
W.S. Elev (m)	28.38	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.38	Flow Area (m2)			4.69
E.G. Slope (m/m)	0.022960	Area (m2)			4.69
Q Total (m3/s)	8.37	Flow (m3/s)			8.37
Top Width (m)	14.45	Top Width (m)			14.45
Vel Total (m/s)	1.78	Avg. Vel. (m/s)			1.78
Max Chl Dpth (m)	0.44	Hydr. Depth (m)			0.32
Conv. Total (m3/s)	55.3	Conv. (m3/s)			55.3
Length Wtd. (m)	32.50	Wetted Per. (m)			14.51
Min Ch El (m)	28.48	Shear (N/m2)			72.78
Alpha	1.00	Stream Power (N/m s)			129.80
Frctn Loss (m)	0.63	Cum Volume (1000 m3)		12.33	0.06
C & E Loss (m)	0.02	Cum SA (1000 m2)		46.05	0.23

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T100 anni - Ante

E.G. Elev (m)	28.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.18	Wt. n-Val.			0.040
W.S. Elev (m)	28.45	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.45	Flow Area (m2)			5.77
E.G. Slope (m/m)	0.022258	Area (m2)			5.77
Q Total (m3/s)	10.83	Flow (m3/s)			10.83
Top Width (m)	16.07	Top Width (m)			16.07
Vel Total (m/s)	1.88	Avg. Vel. (m/s)			1.88
Max Chl Dpth (m)	0.51	Hydr. Depth (m)			0.36
Conv. Total (m3/s)	72.6	Conv. (m3/s)			72.6
Length Wtd. (m)	32.50	Wetted Per. (m)			16.16
Min Ch El (m)	28.48	Shear (N/m2)			77.94
Alpha	1.00	Stream Power (N/m s)			146.31
Frctn Loss (m)	0.64	Cum Volume (1000 m3)		14.34	0.09
C & E Loss (m)	0.02	Cum SA (1000 m2)		49.10	0.26

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T200 anni - Ante

E.G. Elev (m)	28.71	Element	Left OB	Channel	Right OB
Vel Head (m)	0.18	Wt. n-Val.		0.040	0.040
W.S. Elev (m)	28.54	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.54	Flow Area (m2)		0.11	7.21
E.G. Slope (m/m)	0.019940	Area (m2)		0.11	7.21
Q Total (m3/s)	13.42	Flow (m3/s)		0.04	13.38

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T200 anni - Ante (Continued)

Top Width (m)	23.06	Top Width (m)		4.24	18.82
Vel Total (m/s)	1.83	Avg. Vel. (m/s)		0.32	1.88
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.03	0.36
Conv. Total (m3/s)	95.0	Conv. (m3/s)		0.3	94.8
Length Wtd. (m)	32.50	Wetted Per. (m)		4.24	18.92
Min Ch El (m)	28.48	Shear (N/m2)		5.24	74.55
Alpha	1.02	Stream Power (N/m s)		1.66	138.36
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		16.20	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		53.13	0.31

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T500 anni - Ante

E.G. Elev (m)	28.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.18	Wt. n-Val.		0.040	0.040
W.S. Elev (m)	28.62	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.62	Flow Area (m2)		0.70	8.75
E.G. Slope (m/m)	0.016712	Area (m2)		0.70	8.75
Q Total (m3/s)	17.01	Flow (m3/s)		0.40	16.61
Top Width (m)	28.75	Top Width (m)		9.44	19.31
Vel Total (m/s)	1.80	Avg. Vel. (m/s)		0.57	1.90
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.07	0.45
Conv. Total (m3/s)	131.6	Conv. (m3/s)		3.1	128.5
Length Wtd. (m)	32.50	Wetted Per. (m)		9.46	19.41
Min Ch El (m)	28.48	Shear (N/m2)		12.15	73.53
Alpha	1.09	Stream Power (N/m s)		6.93	140.22
Frctn Loss (m)	0.80	Cum Volume (1000 m3)		18.88	0.14
C & E Loss (m)	0.01	Cum SA (1000 m2)		56.06	0.31

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T25 anni - Post

E.G. Elev (m)	28.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.			0.040
W.S. Elev (m)	28.39	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.39	Flow Area (m2)			4.71
E.G. Slope (m/m)	0.023009	Area (m2)			4.71
Q Total (m3/s)	8.44	Flow (m3/s)			8.44
Top Width (m)	14.46	Top Width (m)			14.46
Vel Total (m/s)	1.79	Avg. Vel. (m/s)			1.79
Max Chl Dpth (m)	0.44	Hydr. Depth (m)			0.33
Conv. Total (m3/s)	55.6	Conv. (m3/s)			55.6
Length Wtd. (m)	32.50	Wetted Per. (m)			14.53
Min Ch El (m)	28.48	Shear (N/m2)			73.21
Alpha	1.00	Stream Power (N/m s)			131.09
Frctn Loss (m)	0.63	Cum Volume (1000 m3)		12.39	0.08
C & E Loss (m)	0.02	Cum SA (1000 m2)		46.14	0.23

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T50 anni - Post

E.G. Elev (m)	28.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.18	Wt. n-Val.			0.040
W.S. Elev (m)	28.48	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.46	Flow Area (m2)			5.95
E.G. Slope (m/m)	0.021874	Area (m2)			5.95
Q Total (m3/s)	11.23	Flow (m3/s)			11.23
Top Width (m)	16.20	Top Width (m)			16.20
Vel Total (m/s)	1.89	Avg. Vel. (m/s)			1.89
Max Chl Dpth (m)	0.52	Hydr. Depth (m)			0.37
Conv. Total (m3/s)	75.9	Conv. (m3/s)			75.9
Length Wtd. (m)	32.50	Wetted Per. (m)			16.28
Min Ch El (m)	28.48	Shear (N/m2)			78.33

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)			147.86
Frctn Loss (m)	0.64	Cum Volume (1000 m3)		14.66	0.10
C & E Loss (m)	0.02	Cum SA (1000 m2)		49.62	0.26

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T100 anni - Post

E.G. Elev (m)	28.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.18	Wt. n-Val.		0.040	0.040
W.S. Elev (m)	28.55	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.55	Flow Area (m2)		0.18	7.47
E.G. Slope (m/m)	0.019844	Area (m2)		0.18	7.47
Q Total (m3/s)	14.18	Flow (m3/s)		0.07	14.11
Top Width (m)	24.03	Top Width (m)		5.13	18.90
Vel Total (m/s)	1.85	Avg. Vel. (m/s)		0.37	1.89
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.03	0.40
Conv. Total (m3/s)	100.7	Conv. (m3/s)		0.5	100.2
Length Wtd. (m)	32.50	Wetted Per. (m)		5.14	19.00
Min Ch El (m)	26.48	Shear (N/m2)		6.73	76.49
Alpha	1.03	Stream Power (N/m s)		2.52	144.55
Frctn Loss (m)	0.82	Cum Volume (1000 m3)		16.79	0.12
C & E Loss (m)	0.00	Cum SA (1000 m2)		54.04	0.31

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T200 anni - Post

E.G. Elev (m)	28.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.18	Wt. n-Val.		0.040	0.040
W.S. Elev (m)	28.62	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.62	Flow Area (m2)		0.75	8.84
E.G. Slope (m/m)	0.016585	Area (m2)		0.75	8.84
Q Total (m3/s)	17.26	Flow (m3/s)		0.44	16.82
Top Width (m)	28.88	Top Width (m)		9.54	19.34
Vel Total (m/s)	1.80	Avg. Vel. (m/s)		0.59	1.90
Max Chl Dpth (m)	0.68	Hydr. Depth (m)		0.08	0.46
Conv. Total (m3/s)	134.0	Conv. (m3/s)		3.4	130.6
Length Wtd. (m)	32.50	Wetted Per. (m)		9.56	19.44
Min Ch El (m)	26.48	Shear (N/m2)		12.70	73.93
Alpha	1.09	Stream Power (N/m s)		7.47	140.71
Frctn Loss (m)	0.79	Cum Volume (1000 m3)		19.06	0.14
C & E Loss (m)	0.01	Cum SA (1000 m2)		56.21	0.31

Plan: AnPo River 3 Reach 3 RS: 1020 Profile: T500 anni - Post

E.G. Elev (m)	28.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.20	Wt. n-Val.		0.040	0.040
W.S. Elev (m)	28.68	Reach Len. (m)	32.50	32.50	32.50
Crit W.S. (m)	28.68	Flow Area (m2)		1.37	10.04
E.G. Slope (m/m)	0.016336	Area (m2)		1.37	10.04
Q Total (m3/s)	21.47	Flow (m3/s)		1.10	20.37
Top Width (m)	30.53	Top Width (m)		10.82	19.71
Vel Total (m/s)	1.88	Avg. Vel. (m/s)		0.80	2.03
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.13	0.51
Conv. Total (m3/s)	168.0	Conv. (m3/s)		8.6	159.4
Length Wtd. (m)	32.50	Wetted Per. (m)		10.86	19.82
Min Ch El (m)	26.48	Shear (N/m2)		20.22	81.10
Alpha	1.11	Stream Power (N/m s)		16.26	164.62
Frctn Loss (m)	0.78	Cum Volume (1000 m3)		22.15	0.16
C & E Loss (m)	0.01	Cum SA (1000 m2)		58.98	0.32

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T25 anni - Ante

E.G. Elev (m)	27.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	27.60	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.54	Flow Area (m2)		5.00	
E.G. Slope (m/m)	0.014943	Area (m2)		5.00	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	19.79	Top Width (m)		19.79	
Vel Total (m/s)	1.22	Avg. Vel. (m/s)		1.22	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	48.9	Conv. (m3/s)		49.9	
Length Wtd. (m)	51.80	Wetted Per. (m)		19.83	
Min Ch El (m)	27.12	Shear (N/m2)		36.96	
Alpha	1.00	Stream Power (N/m s)		45.07	
Frctn Loss (m)	0.87	Cum Volume (1000 m3)		10.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.54	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T50 anni - Ante

E.G. Elev (m)	27.75	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	27.65	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.62	Flow Area (m2)		5.97	
E.G. Slope (m/m)	0.016676	Area (m2)		5.97	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	20.79	Top Width (m)		20.79	
Vel Total (m/s)	1.40	Avg. Vel. (m/s)		1.40	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	64.8	Conv. (m3/s)		64.8	
Length Wtd. (m)	51.80	Wetted Per. (m)		20.84	
Min Ch El (m)	27.12	Shear (N/m2)		46.83	
Alpha	1.00	Stream Power (N/m s)		65.68	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		12.23	
C & E Loss (m)	0.01	Cum SA (1000 m2)		45.71	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T100 anni - Ante

E.G. Elev (m)	27.82	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	27.70	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.67	Flow Area (m2)		6.99	
E.G. Slope (m/m)	0.017584	Area (m2)		6.99	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	21.80	Top Width (m)		21.80	
Vel Total (m/s)	1.55	Avg. Vel. (m/s)		1.55	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	81.6	Conv. (m3/s)		81.6	
Length Wtd. (m)	51.80	Wetted Per. (m)		21.85	
Min Ch El (m)	27.12	Shear (N/m2)		55.16	
Alpha	1.00	Stream Power (N/m s)		85.53	
Frctn Loss (m)	0.89	Cum Volume (1000 m3)		14.22	
C & E Loss (m)	0.01	Cum SA (1000 m2)		48.74	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T200 anni - Ante

E.G. Elev (m)	27.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.21	Wt. n-Val.		0.040	
W.S. Elev (m)	27.68	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.72	Flow Area (m2)		6.58	
E.G. Slope (m/m)	0.032506	Area (m2)		6.58	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T200 anni - Ante (Continued)

Top Width (m)	21.36	Top Width (m)		21.36	
Vel Total (m/s)	2.05	Avg. Vel. (m/s)		2.05	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	74.4	Conv. (m3/s)		74.4	
Length Wtd. (m)	51.80	Wetted Per. (m)		21.43	
Min Ch El (m)	27.12	Shear (N/m2)		97.54	
Alpha	1.00	Stream Power (N/m s)		199.63	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		16.09	
C & E Loss (m)	0.02	Cum SA (1000 m2)		52.71	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T500 anni - Ante

E.G. Elev (m)	27.99	Element	Left OB	Channel	Right OB
Vel Head (m)	0.28	Wt. n-Val.		0.040	
W.S. Elev (m)	27.71	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.77	Flow Area (m2)		7.22	
E.G. Slope (m/m)	0.039346	Area (m2)		7.22	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	22.02	Top Width (m)		22.02	
Vel Total (m/s)	2.35	Avg. Vel. (m/s)		2.35	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	85.8	Conv. (m3/s)		85.8	
Length Wtd. (m)	51.80	Wetted Per. (m)		22.08	
Min Ch El (m)	27.12	Shear (N/m2)		126.25	
Alpha	1.00	Stream Power (N/m s)		297.27	
Frctn Loss (m)	0.37	Cum Volume (1000 m3)		18.75	
C & E Loss (m)	0.01	Cum SA (1000 m2)		55.57	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T25 anni - Post

E.G. Elev (m)	27.75	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	27.65	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.62	Flow Area (m2)		5.99	
E.G. Slope (m/m)	0.015779	Area (m2)		5.99	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	20.81	Top Width (m)		20.81	
Vel Total (m/s)	1.41	Avg. Vel. (m/s)		1.41	
Max Chl Dpth (m)	0.53	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	65.2	Conv. (m3/s)		65.2	
Length Wtd. (m)	51.80	Wetted Per. (m)		20.86	
Min Ch El (m)	27.12	Shear (N/m2)		47.24	
Alpha	1.00	Stream Power (N/m s)		66.57	
Frctn Loss (m)	0.86	Cum Volume (1000 m3)		12.29	
C & E Loss (m)	0.01	Cum SA (1000 m2)		45.80	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T50 anni - Post

E.G. Elev (m)	27.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	27.71	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.68	Flow Area (m2)		7.10	
E.G. Slope (m/m)	0.018021	Area (m2)		7.10	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	21.91	Top Width (m)		21.91	
Vel Total (m/s)	1.58	Avg. Vel. (m/s)		1.58	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	83.7	Conv. (m3/s)		83.7	
Length Wtd. (m)	51.80	Wetted Per. (m)		21.96	
Min Ch El (m)	27.12	Shear (N/m2)		57.15	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		90.37	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		14.55	
C & E Loss (m)	0.01	Cum SA (1000 m2)		49.26	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T100 anni - Post

E.G. Elev (m)	27.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.22	Wt. n-Val.		0.040	
W.S. Elev (m)	27.69	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.73	Flow Area (m2)		6.79	
E.G. Slope (m/m)	0.032699	Area (m2)		6.79	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	21.61	Top Width (m)		21.61	
Vel Total (m/s)	2.09	Avg. Vel. (m/s)		2.09	
Max Chl Dpth (m)	0.57	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	78.4	Conv. (m3/s)		78.4	
Length Wtd. (m)	51.80	Wetted Per. (m)		21.66	
Min Ch El (m)	27.12	Shear (N/m2)		100.58	
Alpha	1.00	Stream Power (N/m s)		209.90	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		16.68	
C & E Loss (m)	0.02	Cum SA (1000 m2)		53.61	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T200 anni - Post

E.G. Elev (m)	28.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.28	Wt. n-Val.		0.040	
W.S. Elev (m)	27.71	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.77	Flow Area (m2)		7.29	
E.G. Slope (m/m)	0.039472	Area (m2)		7.29	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	22.09	Top Width (m)		22.09	
Vel Total (m/s)	2.37	Avg. Vel. (m/s)		2.37	
Max Chl Dpth (m)	0.59	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	86.9	Conv. (m3/s)		86.9	
Length Wtd. (m)	51.80	Wetted Per. (m)		22.14	
Min Ch El (m)	27.12	Shear (N/m2)		127.43	
Alpha	1.00	Stream Power (N/m s)		301.76	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		18.93	
C & E Loss (m)	0.01	Cum SA (1000 m2)		55.70	

Plan: AnPo River 3 Reach 3 RS: 985 Profile: T500 anni - Post

E.G. Elev (m)	28.09	Element	Left OB	Channel	Right OB
Vel Head (m)	0.32	Wt. n-Val.		0.040	
W.S. Elev (m)	27.77	Reach Len. (m)	51.80	51.80	51.80
Crit W.S. (m)	27.77	Flow Area (m2)		8.56	
E.G. Slope (m/m)	0.039208	Area (m2)		8.56	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	23.68	Top Width (m)		23.68	
Vel Total (m/s)	2.51	Avg. Vel. (m/s)		2.51	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	108.4	Conv. (m3/s)		108.4	
Length Wtd. (m)	51.80	Wetted Per. (m)		23.74	
Min Ch El (m)	27.12	Shear (N/m2)		138.65	
Alpha	1.00	Stream Power (N/m s)		347.71	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		21.99	
C & E Loss (m)	0.01	Cum SA (1000 m2)		58.42	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T25 anni - Ante

E.G. Elev (m)	26.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	26.73	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.71	Flow Area (m2)		5.22	
E.G. Slope (m/m)	0.019245	Area (m2)		5.22	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	26.59	Top Width (m)		26.59	
Vel Total (m/s)	1.17	Avg. Vel. (m/s)		1.17	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	44.0	Conv. (m3/s)		44.0	
Length Wtd. (m)	50.30	Wetted Per. (m)		26.64	
Min Ch El (m)	26.23	Shear (N/m2)		36.95	
Alpha	1.00	Stream Power (N/m s)		43.22	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		10.11	
C & E Loss (m)	0.01	Cum SA (1000 m2)		41.34	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T50 anni - Ante

E.G. Elev (m)	26.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	26.79	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.75	Flow Area (m2)		6.60	
E.G. Slope (m/m)	0.017420	Area (m2)		6.60	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	27.69	Top Width (m)		27.69	
Vel Total (m/s)	1.27	Avg. Vel. (m/s)		1.27	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	63.4	Conv. (m3/s)		63.4	
Length Wtd. (m)	50.30	Wetted Per. (m)		27.74	
Min Ch El (m)	26.23	Shear (N/m2)		40.67	
Alpha	1.00	Stream Power (N/m s)		51.54	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		11.91	
C & E Loss (m)	0.01	Cum SA (1000 m2)		44.45	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T100 anni - Ante

E.G. Elev (m)	26.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	26.83	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)		Flow Area (m2)		7.95	
E.G. Slope (m/m)	0.016711	Area (m2)		7.95	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	28.97	Top Width (m)		28.97	
Vel Total (m/s)	1.36	Avg. Vel. (m/s)		1.36	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	83.8	Conv. (m3/s)		83.8	
Length Wtd. (m)	50.30	Wetted Per. (m)		29.03	
Min Ch El (m)	26.23	Shear (N/m2)		44.87	
Alpha	1.00	Stream Power (N/m s)		61.13	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		13.84	
C & E Loss (m)	0.01	Cum SA (1000 m2)		47.43	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T200 anni - Ante

E.G. Elev (m)	26.99	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	26.90	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.84	Flow Area (m2)		10.24	
E.G. Slope (m/m)	0.015075	Area (m2)		10.24	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T200 anni - Ante (Continued)

Top Width (m)	36.67	Top Width (m)		36.67	
Vel Total (m/s)	1.31	Avg. Vel. (m/s)		1.31	
Max Chl Dpth (m)	0.67	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	109.3	Conv. (m3/s)		109.3	
Length Wtd. (m)	50.30	Wetted Per. (m)		38.74	
Min Ch El (m)	26.23	Shear (N/m2)		41.22	
Alpha	1.00	Stream Power (N/m s)		54.00	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		15.66	
C & E Loss (m)	0.01	Cum SA (1000 m2)		51.21	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T500 anni - Ante

E.G. Elev (m)	27.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	26.96	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.90	Flow Area (m2)		12.52	
E.G. Slope (m/m)	0.014380	Area (m2)		12.52	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	40.94	Top Width (m)		40.94	
Vel Total (m/s)	1.36	Avg. Vel. (m/s)		1.36	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	141.8	Conv. (m3/s)		141.8	
Length Wtd. (m)	50.30	Wetted Per. (m)		41.03	
Min Ch El (m)	26.23	Shear (N/m2)		43.06	
Alpha	1.00	Stream Power (N/m s)		58.51	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		18.24	
C & E Loss (m)	0.01	Cum SA (1000 m2)		53.94	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T25 anni - Post

E.G. Elev (m)	26.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	26.79	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.76	Flow Area (m2)		6.65	
E.G. Slope (m/m)	0.017308	Area (m2)		6.65	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	27.72	Top Width (m)		27.72	
Vel Total (m/s)	1.27	Avg. Vel. (m/s)		1.27	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	64.2	Conv. (m3/s)		64.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		27.77	
Min Ch El (m)	26.23	Shear (N/m2)		40.66	
Alpha	1.00	Stream Power (N/m s)		51.58	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		11.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		44.54	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T50 anni - Post

E.G. Elev (m)	26.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	26.85	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)		Flow Area (m2)		8.42	
E.G. Slope (m/m)	0.016218	Area (m2)		8.42	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	30.98	Top Width (m)		30.98	
Vel Total (m/s)	1.33	Avg. Vel. (m/s)		1.33	
Max Chl Dpth (m)	0.62	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	88.2	Conv. (m3/s)		88.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		31.04	
Min Ch El (m)	26.23	Shear (N/m2)		43.13	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		57.53	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		14.15	
C & E Loss (m)	0.01	Cum SA (1000 m2)		47.89	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T100 anni - Post

E.G. Elev (m)	27.01	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	26.92	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.86	Flow Area (m2)		10.99	
E.G. Slope (m/m)	0.014988	Area (m2)		10.99	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	40.08	Top Width (m)		40.08	
Vel Total (m/s)	1.29	Avg. Vel. (m/s)		1.29	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	115.8	Conv. (m3/s)		115.8	
Length Wtd. (m)	50.30	Wetted Per. (m)		40.16	
Min Ch El (m)	26.23	Shear (N/m2)		40.23	
Alpha	1.00	Stream Power (N/m s)		51.90	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		16.22	
C & E Loss (m)	0.01	Cum SA (1000 m2)		52.01	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T200 anni - Post

E.G. Elev (m)	27.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	26.96	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.91	Flow Area (m2)		12.62	
E.G. Slope (m/m)	0.014433	Area (m2)		12.62	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	41.00	Top Width (m)		41.00	
Vel Total (m/s)	1.37	Avg. Vel. (m/s)		1.37	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	143.7	Conv. (m3/s)		143.7	
Length Wtd. (m)	50.30	Wetted Per. (m)		41.09	
Min Ch El (m)	26.23	Shear (N/m2)		43.48	
Alpha	1.00	Stream Power (N/m s)		59.46	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		18.42	
C & E Loss (m)	0.01	Cum SA (1000 m2)		54.07	

Plan: AnPo River 3 Reach 3 RS: 935 Profile: T500 anni - Post

E.G. Elev (m)	27.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	27.01	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	26.96	Flow Area (m2)		14.68	
E.G. Slope (m/m)	0.014355	Area (m2)		14.68	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	42.91	Top Width (m)		42.91	
Vel Total (m/s)	1.46	Avg. Vel. (m/s)		1.46	
Max Chl Dpth (m)	0.78	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	179.2	Conv. (m3/s)		179.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		42.99	
Min Ch El (m)	26.23	Shear (N/m2)		48.06	
Alpha	1.00	Stream Power (N/m s)		70.30	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		21.38	
C & E Loss (m)	0.01	Cum SA (1000 m2)		56.70	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T25 anni - Ante

E.G. Elev (m)	26.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	26.25	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		7.91	
E.G. Slope (m/m)	0.006257	Area (m2)		7.91	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	32.41	Top Width (m)		32.41	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	77.1	Conv. (m3/s)		77.1	
Length Wtd. (m)	52.50	Wetted Per. (m)		32.48	
Min Ch El (m)	25.86	Shear (N/m2)		14.94	
Alpha	1.00	Stream Power (N/m s)		11.52	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		9.78	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.85	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T50 anni - Ante

E.G. Elev (m)	26.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	26.31	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		9.70	
E.G. Slope (m/m)	0.006559	Area (m2)		9.70	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	34.75	Top Width (m)		34.75	
Vel Total (m/s)	0.86	Avg. Vel. (m/s)		0.86	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	103.3	Conv. (m3/s)		103.3	
Length Wtd. (m)	52.50	Wetted Per. (m)		34.82	
Min Ch El (m)	25.86	Shear (N/m2)		17.91	
Alpha	1.00	Stream Power (N/m s)		15.46	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		11.50	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.88	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T100 anni - Ante

E.G. Elev (m)	26.40	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	26.35	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		11.33	
E.G. Slope (m/m)	0.006888	Area (m2)		11.33	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	36.15	Top Width (m)		36.15	
Vel Total (m/s)	0.96	Avg. Vel. (m/s)		0.96	
Max Chl Dpth (m)	0.49	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	130.5	Conv. (m3/s)		130.5	
Length Wtd. (m)	52.50	Wetted Per. (m)		36.23	
Min Ch El (m)	25.86	Shear (N/m2)		21.12	
Alpha	1.00	Stream Power (N/m s)		20.19	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		13.35	
C & E Loss (m)	0.00	Cum SA (1000 m2)		45.79	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T200 anni - Ante

E.G. Elev (m)	26.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	26.41	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		13.83	
E.G. Slope (m/m)	0.007405	Area (m2)		13.83	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T200 anni - Ante (Continued)

Top Width (m)	45.57	Top Width (m)		45.57	
Vel Total (m/s)	0.97	Avg. Vel. (m/s)		0.97	
Max Chl Dpth (m)	0.55	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	156.0	Conv. (m3/s)		156.0	
Length Wtd. (m)	52.50	Wetted Per. (m)		45.65	
Min Ch El (m)	25.86	Shear (N/m2)		22.00	
Alpha	1.00	Stream Power (N/m s)		21.35	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		15.05	
C & E Loss (m)	0.00	Cum SA (1000 m2)		49.14	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T500 anni - Ante

E.G. Elev (m)	26.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	26.47	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		16.52	
E.G. Slope (m/m)	0.007762	Area (m2)		16.52	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	51.63	Top Width (m)		51.63	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	193.1	Conv. (m3/s)		193.1	
Length Wtd. (m)	52.50	Wetted Per. (m)		51.72	
Min Ch El (m)	25.86	Shear (N/m2)		24.32	
Alpha	1.00	Stream Power (N/m s)		25.03	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		17.51	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.61	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T25 anni - Post

E.G. Elev (m)	26.35	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	26.31	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		9.73	
E.G. Slope (m/m)	0.006588	Area (m2)		9.73	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	34.77	Top Width (m)		34.77	
Vel Total (m/s)	0.87	Avg. Vel. (m/s)		0.87	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	103.9	Conv. (m3/s)		103.9	
Length Wtd. (m)	52.50	Wetted Per. (m)		34.84	
Min Ch El (m)	25.86	Shear (N/m2)		18.07	
Alpha	1.00	Stream Power (N/m s)		15.67	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		11.55	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.97	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T50 anni - Post

E.G. Elev (m)	26.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	26.36	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		11.70	
E.G. Slope (m/m)	0.007019	Area (m2)		11.70	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	37.61	Top Width (m)		37.61	
Vel Total (m/s)	0.96	Avg. Vel. (m/s)		0.96	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	134.1	Conv. (m3/s)		134.1	
Length Wtd. (m)	52.50	Wetted Per. (m)		37.69	
Min Ch El (m)	25.86	Shear (N/m2)		21.35	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		20.49	
Frctn Loss (m)	0.49	Cum Volume (1000 m3)		13.64	
C & E Loss (m)	0.00	Cum SA (1000 m2)		46.17	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T100 anni - Post

E.G. Elev (m)	26.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	26.43	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		14.45	
E.G. Slope (m/m)	0.007488	Area (m2)		14.45	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	47.22	Top Width (m)		47.22	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	0.57	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	163.9	Conv. (m3/s)		163.9	
Length Wtd. (m)	52.50	Wetted Per. (m)		47.31	
Min Ch El (m)	25.86	Shear (N/m2)		22.43	
Alpha	1.00	Stream Power (N/m s)		22.01	
Frctn Loss (m)	0.51	Cum Volume (1000 m3)		15.58	
C & E Loss (m)	0.00	Cum SA (1000 m2)		49.82	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T200 anni - Post

E.G. Elev (m)	26.53	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	26.47	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)		Flow Area (m2)		16.70	
E.G. Slope (m/m)	0.007747	Area (m2)		16.70	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	51.75	Top Width (m)		51.75	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	196.1	Conv. (m3/s)		196.1	
Length Wtd. (m)	52.50	Wetted Per. (m)		51.85	
Min Ch El (m)	25.86	Shear (N/m2)		24.46	
Alpha	1.00	Stream Power (N/m s)		25.29	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		17.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		51.73	

Plan: AnPo River 3 Reach 3 RS: 885 Profile: T500 anni - Post

E.G. Elev (m)	26.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	26.52	Reach Len. (m)	52.50	52.50	52.50
Crit W.S. (m)	26.39	Flow Area (m2)		19.10	
E.G. Slope (m/m)	0.007921	Area (m2)		19.10	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	53.09	Top Width (m)		53.09	
Vel Total (m/s)	1.12	Avg. Vel. (m/s)		1.12	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.36	
Conv. Total (m3/s)	241.2	Conv. (m3/s)		241.2	
Length Wtd. (m)	52.50	Wetted Per. (m)		53.19	
Min Ch El (m)	25.86	Shear (N/m2)		27.89	
Alpha	1.00	Stream Power (N/m s)		31.36	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		20.54	
C & E Loss (m)	0.00	Cum SA (1000 m2)		54.28	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T25 anni - Ante

E.G. Elev (m)	25.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	25.80	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.75	Flow Area (m2)		7.46	
E.G. Slope (m/m)	0.012645	Area (m2)		7.46	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	47.59	Top Width (m)		47.59	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.32	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	54.2	Conv. (m3/s)		54.2	
Length Wtd. (m)	43.60	Wetted Per. (m)		47.63	
Min Ch El (m)	25.48	Shear (N/m2)		19.43	
Alpha	1.00	Stream Power (N/m s)		15.88	
Frctn Loss (m)	0.81	Cum Volume (1000 m3)		9.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.75	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T50 anni - Ante

E.G. Elev (m)	25.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	25.83	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.79	Flow Area (m2)		9.27	
E.G. Slope (m/m)	0.013102	Area (m2)		9.27	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	52.27	Top Width (m)		52.27	
Vel Total (m/s)	0.90	Avg. Vel. (m/s)		0.90	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	73.1	Conv. (m3/s)		73.1	
Length Wtd. (m)	43.60	Wetted Per. (m)		52.32	
Min Ch El (m)	25.48	Shear (N/m2)		22.77	
Alpha	1.00	Stream Power (N/m s)		20.56	
Frctn Loss (m)	0.80	Cum Volume (1000 m3)		11.00	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.60	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T100 anni - Ante

E.G. Elev (m)	25.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	25.87	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.82	Flow Area (m2)		11.05	
E.G. Slope (m/m)	0.013061	Area (m2)		11.05	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	55.00	Top Width (m)		55.00	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	94.8	Conv. (m3/s)		94.8	
Length Wtd. (m)	43.60	Wetted Per. (m)		55.05	
Min Ch El (m)	25.48	Shear (N/m2)		25.72	
Alpha	1.00	Stream Power (N/m s)		25.20	
Frctn Loss (m)	0.79	Cum Volume (1000 m3)		12.76	
C & E Loss (m)	0.00	Cum SA (1000 m2)		43.40	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T200 anni - Ante

E.G. Elev (m)	25.95	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	25.90	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.85	Flow Area (m2)		12.81	
E.G. Slope (m/m)	0.013236	Area (m2)		12.81	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T200 anni - Ante (Continued)

Top Width (m)	58.26	Top Width (m)		58.26	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	116.6	Conv. (m3/s)		116.6	
Length Wtd. (m)	43.60	Wetted Per. (m)		58.31	
Min Ch El (m)	25.48	Shear (N/m2)		28.52	
Alpha	1.00	Stream Power (N/m s)		29.88	
Frctn Loss (m)	0.78	Cum Volume (1000 m3)		14.35	
C & E Loss (m)	0.01	Cum SA (1000 m2)		46.41	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T500 anni - Ante

E.G. Elev (m)	26.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	25.93	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.88	Flow Area (m2)		14.96	
E.G. Slope (m/m)	0.013225	Area (m2)		14.96	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	60.14	Top Width (m)		60.14	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	147.9	Conv. (m3/s)		147.9	
Length Wtd. (m)	43.60	Wetted Per. (m)		60.19	
Min Ch El (m)	25.48	Shear (N/m2)		32.24	
Alpha	1.00	Stream Power (N/m s)		36.65	
Frctn Loss (m)	0.78	Cum Volume (1000 m3)		16.59	
C & E Loss (m)	0.01	Cum SA (1000 m2)		48.67	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T25 anni - Post

E.G. Elev (m)	25.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	25.83	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.79	Flow Area (m2)		9.34	
E.G. Slope (m/m)	0.013046	Area (m2)		9.34	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	52.35	Top Width (m)		52.35	
Vel Total (m/s)	0.90	Avg. Vel. (m/s)		0.90	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	73.9	Conv. (m3/s)		73.9	
Length Wtd. (m)	43.60	Wetted Per. (m)		52.40	
Min Ch El (m)	25.48	Shear (N/m2)		22.79	
Alpha	1.00	Stream Power (N/m s)		20.61	
Frctn Loss (m)	0.80	Cum Volume (1000 m3)		11.06	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.66	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T50 anni - Post

E.G. Elev (m)	25.92	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	25.87	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.82	Flow Area (m2)		11.29	
E.G. Slope (m/m)	0.013181	Area (m2)		11.29	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	55.32	Top Width (m)		55.32	
Vel Total (m/s)	0.99	Avg. Vel. (m/s)		0.99	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	97.8	Conv. (m3/s)		97.8	
Length Wtd. (m)	43.60	Wetted Per. (m)		55.37	
Min Ch El (m)	25.48	Shear (N/m2)		26.36	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		26.21	
Frctn Loss (m)	0.79	Cum Volume (1000 m3)		13.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		43.73	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T100 anni - Post

E.G. Elev (m)	25.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	25.91	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.85	Flow Area (m2)		13.30	
E.G. Slope (m/m)	0.013226	Area (m2)		13.30	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	58.79	Top Width (m)		58.79	
Vel Total (m/s)	1.07	Avg. Vel. (m/s)		1.07	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	123.3	Conv. (m3/s)		123.3	
Length Wtd. (m)	43.60	Wetted Per. (m)		58.85	
Min Ch El (m)	25.48	Shear (N/m2)		29.30	
Alpha	1.00	Stream Power (N/m s)		31.25	
Frctn Loss (m)	0.78	Cum Volume (1000 m3)		14.85	
C & E Loss (m)	0.01	Cum SA (1000 m2)		47.03	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T200 anni - Post

E.G. Elev (m)	26.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	25.93	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.88	Flow Area (m2)		15.05	
E.G. Slope (m/m)	0.013414	Area (m2)		15.05	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	60.30	Top Width (m)		60.30	
Vel Total (m/s)	1.15	Avg. Vel. (m/s)		1.15	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	149.0	Conv. (m3/s)		149.0	
Length Wtd. (m)	43.60	Wetted Per. (m)		60.36	
Min Ch El (m)	25.48	Shear (N/m2)		32.79	
Alpha	1.00	Stream Power (N/m s)		37.61	
Frctn Loss (m)	0.77	Cum Volume (1000 m3)		16.65	
C & E Loss (m)	0.01	Cum SA (1000 m2)		48.79	

Plan: AnPo River 3 Reach 3 RS: 834 Profile: T500 anni - Post

E.G. Elev (m)	26.05	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	25.98	Reach Len. (m)	43.60	43.60	43.60
Crit W.S. (m)	25.92	Flow Area (m2)		17.73	
E.G. Slope (m/m)	0.013466	Area (m2)		17.73	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	65.71	Top Width (m)		65.71	
Vel Total (m/s)	1.21	Avg. Vel. (m/s)		1.21	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	185.0	Conv. (m3/s)		185.0	
Length Wtd. (m)	43.60	Wetted Per. (m)		65.78	
Min Ch El (m)	25.48	Shear (N/m2)		36.60	
Alpha	1.00	Stream Power (N/m s)		43.10	
Frctn Loss (m)	0.76	Cum Volume (1000 m3)		19.57	
C & E Loss (m)	0.01	Cum SA (1000 m2)		51.16	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T25 anni - Ante

E.G. Elev (m)	25.02	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	24.94	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	24.94	Flow Area (m2)		5.02	
E.G. Slope (m/m)	0.029648	Area (m2)		5.02	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	33.39	Top Width (m)		33.39	
Vel Total (m/s)	1.22	Avg. Vel. (m/s)		1.22	
Max Chl Dpth (m)	0.25	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)	50.60	Wetted Per. (m)		33.46	
Min Ch El (m)	24.69	Shear (N/m2)		43.61	
Alpha	1.00	Stream Power (N/m s)		53.01	
Frctn Loss (m)	0.61	Cum Volume (1000 m3)		9.11	
C & E Loss (m)	0.01	Cum SA (1000 m2)		35.99	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T50 anni - Ante

E.G. Elev (m)	25.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	24.98	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	24.98	Flow Area (m2)		6.38	
E.G. Slope (m/m)	0.027574	Area (m2)		6.38	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	35.84	Top Width (m)		35.84	
Vel Total (m/s)	1.31	Avg. Vel. (m/s)		1.31	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	50.4	Conv. (m3/s)		50.4	
Length Wtd. (m)	50.60	Wetted Per. (m)		35.91	
Min Ch El (m)	24.69	Shear (N/m2)		48.04	
Alpha	1.00	Stream Power (N/m s)		63.03	
Frctn Loss (m)	0.60	Cum Volume (1000 m3)		10.66	
C & E Loss (m)	0.02	Cum SA (1000 m2)		38.68	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T100 anni - Ante

E.G. Elev (m)	25.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	25.02	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.02	Flow Area (m2)		7.80	
E.G. Slope (m/m)	0.026720	Area (m2)		7.80	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	39.25	Top Width (m)		39.25	
Vel Total (m/s)	1.39	Avg. Vel. (m/s)		1.39	
Max Chl Dpth (m)	0.33	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	66.3	Conv. (m3/s)		66.3	
Length Wtd. (m)	50.60	Wetted Per. (m)		39.33	
Min Ch El (m)	24.69	Shear (N/m2)		51.93	
Alpha	1.00	Stream Power (N/m s)		72.15	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		12.35	
C & E Loss (m)	0.02	Cum SA (1000 m2)		41.34	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T200 anni - Ante

E.G. Elev (m)	25.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	25.05	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.05	Flow Area (m2)		9.23	
E.G. Slope (m/m)	0.025759	Area (m2)		9.23	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T200 anni - Ante (Continued)

Top Width (m)	42.17	Top Width (m)		42.17	
Vel Total (m/s)	1.45	Avg. Vel. (m/s)		1.45	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	83.6	Conv. (m3/s)		83.6	
Length Wtd. (m)	50.60	Wetted Per. (m)		42.26	
Min Ch El (m)	24.69	Shear (N/m2)		55.14	
Alpha	1.00	Stream Power (N/m s)		80.22	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		13.87	
C & E Loss (m)	0.02	Cum SA (1000 m2)		44.22	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T500 anni - Ante

E.G. Elev (m)	25.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	25.09	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.09	Flow Area (m2)		10.88	
E.G. Slope (m/m)	0.025157	Area (m2)		10.88	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	43.89	Top Width (m)		43.89	
Vel Total (m/s)	1.56	Avg. Vel. (m/s)		1.56	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	107.2	Conv. (m3/s)		107.2	
Length Wtd. (m)	50.60	Wetted Per. (m)		43.99	
Min Ch El (m)	24.69	Shear (N/m2)		61.04	
Alpha	1.00	Stream Power (N/m s)		95.40	
Frctn Loss (m)	0.57	Cum Volume (1000 m3)		16.12	
C & E Loss (m)	0.02	Cum SA (1000 m2)		46.41	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T25 anni - Post

E.G. Elev (m)	25.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	24.98	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	24.98	Flow Area (m2)		6.42	
E.G. Slope (m/m)	0.027611	Area (m2)		6.42	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	35.94	Top Width (m)		35.94	
Vel Total (m/s)	1.32	Avg. Vel. (m/s)		1.32	
Max Chl Dpth (m)	0.29	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	50.8	Conv. (m3/s)		50.8	
Length Wtd. (m)	50.60	Wetted Per. (m)		38.02	
Min Ch El (m)	24.69	Shear (N/m2)		48.24	
Alpha	1.00	Stream Power (N/m s)		63.45	
Frctn Loss (m)	0.50	Cum Volume (1000 m3)		10.71	
C & E Loss (m)	0.02	Cum SA (1000 m2)		38.76	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T50 anni - Post

E.G. Elev (m)	25.13	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	25.03	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.03	Flow Area (m2)		8.02	
E.G. Slope (m/m)	0.026366	Area (m2)		8.02	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	39.52	Top Width (m)		39.52	
Vel Total (m/s)	1.40	Avg. Vel. (m/s)		1.40	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	69.2	Conv. (m3/s)		69.2	
Length Wtd. (m)	50.60	Wetted Per. (m)		39.61	
Min Ch El (m)	24.69	Shear (N/m2)		52.36	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		73.31	
Froth Loss (m)	0.56	Cum Volume (1000 m3)		12.62	
C & E Loss (m)	0.02	Cum SA (1000 m2)		41.66	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T100 anni - Post

E.G. Elev (m)	25.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	25.06	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.06	Flow Area (m2)		9.58	
E.G. Slope (m/m)	0.025756	Area (m2)		9.58	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	42.63	Top Width (m)		42.63	
Vel Total (m/s)	1.48	Avg. Vel. (m/s)		1.48	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	88.4	Conv. (m3/s)		88.4	
Length Wtd. (m)	50.60	Wetted Per. (m)		42.72	
Min Ch El (m)	24.69	Shear (N/m2)		56.63	
Alpha	1.00	Stream Power (N/m s)		83.85	
Froth Loss (m)	0.58	Cum Volume (1000 m3)		14.35	
C & E Loss (m)	0.02	Cum SA (1000 m2)		44.82	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T200 anni - Post

E.G. Elev (m)	25.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	25.10	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.10	Flow Area (m2)		11.07	
E.G. Slope (m/m)	0.024572	Area (m2)		11.07	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	44.00	Top Width (m)		44.00	
Vel Total (m/s)	1.56	Avg. Vel. (m/s)		1.56	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	110.1	Conv. (m3/s)		110.1	
Length Wtd. (m)	50.60	Wetted Per. (m)		44.10	
Min Ch El (m)	24.69	Shear (N/m2)		60.48	
Alpha	1.00	Stream Power (N/m s)		94.31	
Froth Loss (m)	0.57	Cum Volume (1000 m3)		16.28	
C & E Loss (m)	0.02	Cum SA (1000 m2)		46.52	

Plan: AnPo River 3 Reach 3 RS: 790 Profile: T500 anni - Post

E.G. Elev (m)	25.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	25.14	Reach Len. (m)	50.60	50.60	50.60
Crit W.S. (m)	25.14	Flow Area (m2)		13.02	
E.G. Slope (m/m)	0.023759	Area (m2)		13.02	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	46.37	Top Width (m)		46.37	
Vel Total (m/s)	1.65	Avg. Vel. (m/s)		1.65	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	139.3	Conv. (m3/s)		139.3	
Length Wtd. (m)	50.60	Wetted Per. (m)		46.47	
Min Ch El (m)	24.69	Shear (N/m2)		65.25	
Alpha	1.00	Stream Power (N/m s)		107.63	
Froth Loss (m)	0.58	Cum Volume (1000 m3)		18.90	
C & E Loss (m)	0.02	Cum SA (1000 m2)		48.72	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T25 anni - Ante

E.G. Elev (m)	24.26	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	24.23	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.14	Flow Area (m2)		8.57	
E.G. Slope (m/m)	0.006528	Area (m2)		8.57	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	40.92	Top Width (m)		40.92	
Vel Total (m/s)	0.71	Avg. Vel. (m/s)		0.71	
Max Chl Dpth (m)	3.44	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	75.5	Conv. (m3/s)		75.5	
Length Wtd. (m)	51.00	Wetted Per. (m)		41.00	
Min Ch El (m)	20.79	Shear (N/m2)		13.39	
Alpha	1.00	Stream Power (N/m s)		9.53	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		8.76	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.11	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T50 anni - Ante

E.G. Elev (m)	24.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	24.28	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.18	Flow Area (m2)		10.67	
E.G. Slope (m/m)	0.006488	Area (m2)		10.67	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	43.81	Top Width (m)		43.81	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	3.49	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	103.9	Conv. (m3/s)		103.9	
Length Wtd. (m)	51.00	Wetted Per. (m)		43.90	
Min Ch El (m)	20.79	Shear (N/m2)		15.47	
Alpha	1.00	Stream Power (N/m s)		12.13	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		10.23	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.66	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T100 anni - Ante

E.G. Elev (m)	24.36	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	24.33	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.21	Flow Area (m2)		12.77	
E.G. Slope (m/m)	0.006364	Area (m2)		12.77	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	45.92	Top Width (m)		45.92	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	3.54	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	135.8	Conv. (m3/s)		135.8	
Length Wtd. (m)	51.00	Wetted Per. (m)		46.01	
Min Ch El (m)	20.79	Shear (N/m2)		17.32	
Alpha	1.00	Stream Power (N/m s)		14.69	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		11.83	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.18	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T200 anni - Ante

E.G. Elev (m)	24.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	24.37	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.24	Flow Area (m2)		14.80	
E.G. Slope (m/m)	0.006489	Area (m2)		14.80	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T200 anni - Ante (Continued)

Top Width (m)	48.91	Top Width (m)		48.91	
Vel Total (m/s)	0.91	Avg. Vel. (m/s)		0.91	
Max Chl Dpth (m)	3.58	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	166.6	Conv. (m3/s)		166.6	
Length Wtd. (m)	51.00	Wetted Per. (m)		49.00	
Min Ch El (m)	20.79	Shear (N/m2)		19.22	
Alpha	1.00	Stream Power (N/m s)		17.43	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		13.26	
C & E Loss (m)	0.00	Cum SA (1000 m2)		41.92	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T500 anni - Ante

E.G. Elev (m)	24.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	24.42	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.29	Flow Area (m2)		17.32	
E.G. Slope (m/m)	0.006366	Area (m2)		17.32	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	50.05	Top Width (m)		50.05	
Vel Total (m/s)	0.98	Avg. Vel. (m/s)		0.98	
Max Chl Dpth (m)	3.63	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	213.2	Conv. (m3/s)		213.2	
Length Wtd. (m)	51.00	Wetted Per. (m)		50.15	
Min Ch El (m)	20.79	Shear (N/m2)		21.56	
Alpha	1.00	Stream Power (N/m s)		21.16	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		15.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.03	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T25 anni - Post

E.G. Elev (m)	24.31	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	24.28	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.18	Flow Area (m2)		10.73	
E.G. Slope (m/m)	0.006486	Area (m2)		10.73	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	43.87	Top Width (m)		43.87	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	3.49	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	104.8	Conv. (m3/s)		104.8	
Length Wtd. (m)	51.00	Wetted Per. (m)		43.96	
Min Ch El (m)	20.79	Shear (N/m2)		15.53	
Alpha	1.00	Stream Power (N/m s)		12.21	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		10.28	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.74	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T50 anni - Post

E.G. Elev (m)	24.37	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	24.34	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.22	Flow Area (m2)		13.16	
E.G. Slope (m/m)	0.006438	Area (m2)		13.16	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	47.35	Top Width (m)		47.35	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	3.55	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	140.0	Conv. (m3/s)		140.0	
Length Wtd. (m)	51.00	Wetted Per. (m)		47.44	
Min Ch El (m)	20.79	Shear (N/m2)		17.52	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		14.96	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		12.08	
C & E Loss (m)	0.00	Cum SA (1000 m2)		39.46	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T100 anni - Post

E.G. Elev (m)	24.43	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	24.38	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.25	Flow Area (m2)		15.41	
E.G. Slope (m/m)	0.006384	Area (m2)		15.41	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	49.29	Top Width (m)		49.29	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	3.58	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	177.3	Conv. (m3/s)		177.3	
Length Wtd. (m)	51.00	Wetted Per. (m)		49.38	
Min Ch El (m)	20.79	Shear (N/m2)		19.57	
Alpha	1.00	Stream Power (N/m s)		18.01	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		13.72	
C & E Loss (m)	0.00	Cum SA (1000 m2)		42.50	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T200 anni - Post

E.G. Elev (m)	24.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	24.42	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.29	Flow Area (m2)		17.47	
E.G. Slope (m/m)	0.006376	Area (m2)		17.47	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	50.11	Top Width (m)		50.11	
Vel Total (m/s)	0.99	Avg. Vel. (m/s)		0.99	
Max Chl Dpth (m)	3.63	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	216.1	Conv. (m3/s)		216.1	
Length Wtd. (m)	51.00	Wetted Per. (m)		50.20	
Min Ch El (m)	20.79	Shear (N/m2)		21.76	
Alpha	1.00	Stream Power (N/m s)		21.50	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		15.55	
C & E Loss (m)	0.00	Cum SA (1000 m2)		44.14	

Plan: AnPo River 3 Reach 3 RS: 739 Profile: T500 anni - Post

E.G. Elev (m)	24.54	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	24.48	Reach Len. (m)	51.00	51.00	51.00
Crit W.S. (m)	24.33	Flow Area (m2)		20.34	
E.G. Slope (m/m)	0.006742	Area (m2)		20.34	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	55.06	Top Width (m)		55.06	
Vel Total (m/s)	1.06	Avg. Vel. (m/s)		1.06	
Max Chl Dpth (m)	3.69	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	261.5	Conv. (m3/s)		261.5	
Length Wtd. (m)	51.00	Wetted Per. (m)		55.17	
Min Ch El (m)	20.79	Shear (N/m2)		24.36	
Alpha	1.00	Stream Power (N/m s)		25.73	
Frctn Loss (m)	0.45	Cum Volume (1000 m3)		18.05	
C & E Loss (m)	0.00	Cum SA (1000 m2)		46.15	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T25 anni - Ante

E.G. Elev (m)	23.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	23.80	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.74	Flow Area (m2)		7.17	
E.G. Slope (m/m)	0.010843	Area (m2)		7.17	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	37.86	Top Width (m)		37.86	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	3.00	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	58.1	Conv. (m3/s)		59.1	
Length Wtd. (m)	51.60	Wetted Per. (m)		37.89	
Min Ch El (m)	20.80	Shear (N/m2)		19.76	
Alpha	1.00	Stream Power (N/m s)		16.80	
Frctn Loss (m)	0.86	Cum Volume (1000 m3)		8.36	
C & E Loss (m)	0.00	Cum SA (1000 m2)		32.10	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T50 anni - Ante

E.G. Elev (m)	23.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	23.84	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.77	Flow Area (m2)		9.00	
E.G. Slope (m/m)	0.010888	Area (m2)		9.00	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	42.24	Top Width (m)		42.24	
Vel Total (m/s)	0.93	Avg. Vel. (m/s)		0.93	
Max Chl Dpth (m)	3.04	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	80.2	Conv. (m3/s)		80.2	
Length Wtd. (m)	51.60	Wetted Per. (m)		42.28	
Min Ch El (m)	20.80	Shear (N/m2)		22.73	
Alpha	1.00	Stream Power (N/m s)		21.14	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		9.73	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.47	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T100 anni - Ante

E.G. Elev (m)	23.93	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	23.88	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.81	Flow Area (m2)		10.72	
E.G. Slope (m/m)	0.011440	Area (m2)		10.72	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	46.14	Top Width (m)		46.14	
Vel Total (m/s)	1.01	Avg. Vel. (m/s)		1.01	
Max Chl Dpth (m)	3.08	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	101.3	Conv. (m3/s)		101.3	
Length Wtd. (m)	51.60	Wetted Per. (m)		46.19	
Min Ch El (m)	20.80	Shear (N/m2)		26.06	
Alpha	1.00	Stream Power (N/m s)		26.31	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		11.23	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.64	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T200 anni - Ante

E.G. Elev (m)	23.98	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	23.93	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.85	Flow Area (m2)		12.83	
E.G. Slope (m/m)	0.011470	Area (m2)		12.83	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T200 anni - Ante (Continued)

Top Width (m)	52.48	Top Width (m)		52.48	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	3.13	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	125.3	Conv. (m3/s)		125.3	
Length Wtd. (m)	51.60	Wetted Per. (m)		52.53	
Min Ch El (m)	20.80	Shear (N/m2)		27.47	
Alpha	1.00	Stream Power (N/m s)		28.74	
Frctn Loss (m)	0.88	Cum Volume (1000 m3)		12.58	
C & E Loss (m)	0.01	Cum SA (1000 m2)		39.33	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T500 anni - Ante

E.G. Elev (m)	24.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	23.96	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.89	Flow Area (m2)		15.84	
E.G. Slope (m/m)	0.011959	Area (m2)		15.84	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	64.25	Top Width (m)		64.25	
Vel Total (m/s)	1.07	Avg. Vel. (m/s)		1.07	
Max Chl Dpth (m)	3.18	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	155.5	Conv. (m3/s)		155.5	
Length Wtd. (m)	51.60	Wetted Per. (m)		64.31	
Min Ch El (m)	20.80	Shear (N/m2)		28.88	
Alpha	1.00	Stream Power (N/m s)		31.02	
Frctn Loss (m)	0.87	Cum Volume (1000 m3)		14.56	
C & E Loss (m)	0.01	Cum SA (1000 m2)		41.12	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T25 anni - Post

E.G. Elev (m)	23.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	23.84	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.76	Flow Area (m2)		9.06	
E.G. Slope (m/m)	0.010886	Area (m2)		9.06	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	42.38	Top Width (m)		42.38	
Vel Total (m/s)	0.93	Avg. Vel. (m/s)		0.93	
Max Chl Dpth (m)	3.04	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	80.9	Conv. (m3/s)		80.9	
Length Wtd. (m)	51.60	Wetted Per. (m)		42.42	
Min Ch El (m)	20.80	Shear (N/m2)		22.81	
Alpha	1.00	Stream Power (N/m s)		21.26	
Frctn Loss (m)	0.86	Cum Volume (1000 m3)		9.77	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.54	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T50 anni - Post

E.G. Elev (m)	23.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	23.89	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.82	Flow Area (m2)		11.02	
E.G. Slope (m/m)	0.011388	Area (m2)		11.02	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	46.66	Top Width (m)		46.66	
Vel Total (m/s)	1.02	Avg. Vel. (m/s)		1.02	
Max Chl Dpth (m)	3.09	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	105.2	Conv. (m3/s)		105.2	
Length Wtd. (m)	51.60	Wetted Per. (m)		46.70	
Min Ch El (m)	20.80	Shear (N/m2)		26.36	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		26.85	
Frctn Loss (m)	0.87	Cum Volume (1000 m3)		11.46	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.07	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T100 anni - Post

E.G. Elev (m)	24.00	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	23.94	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.86	Flow Area (m2)		13.74	
E.G. Slope (m/m)	0.011736	Area (m2)		13.74	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	58.31	Top Width (m)		58.31	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	3.14	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	130.9	Conv. (m3/s)		130.9	
Length Wtd. (m)	51.60	Wetted Per. (m)		58.36	
Min Ch El (m)	20.80	Shear (N/m2)		27.08	
Alpha	1.00	Stream Power (N/m s)		27.96	
Frctn Loss (m)	0.87	Cum Volume (1000 m3)		12.98	
C & E Loss (m)	0.01	Cum SA (1000 m2)		39.75	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T200 anni - Post

E.G. Elev (m)	24.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	23.98	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.89	Flow Area (m2)		15.99	
E.G. Slope (m/m)	0.011937	Area (m2)		15.99	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	64.34	Top Width (m)		64.34	
Vel Total (m/s)	1.08	Avg. Vel. (m/s)		1.08	
Max Chl Dpth (m)	3.18	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	158.0	Conv. (m3/s)		158.0	
Length Wtd. (m)	51.60	Wetted Per. (m)		64.39	
Min Ch El (m)	20.80	Shear (N/m2)		29.07	
Alpha	1.00	Stream Power (N/m s)		31.38	
Frctn Loss (m)	0.87	Cum Volume (1000 m3)		14.70	
C & E Loss (m)	0.01	Cum SA (1000 m2)		41.22	

Plan: AnPo River 3 Reach 3 RS: 685 Profile: T500 anni - Post

E.G. Elev (m)	24.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	24.02	Reach Len. (m)	51.60	51.60	51.60
Crit W.S. (m)	23.95	Flow Area (m2)		18.49	
E.G. Slope (m/m)	0.012126	Area (m2)		18.49	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	67.47	Top Width (m)		67.47	
Vel Total (m/s)	1.16	Avg. Vel. (m/s)		1.16	
Max Chl Dpth (m)	3.22	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	195.0	Conv. (m3/s)		195.0	
Length Wtd. (m)	51.60	Wetted Per. (m)		67.53	
Min Ch El (m)	20.80	Shear (N/m2)		32.57	
Alpha	1.00	Stream Power (N/m s)		37.81	
Frctn Loss (m)	0.86	Cum Volume (1000 m3)		17.06	
C & E Loss (m)	0.01	Cum SA (1000 m2)		43.03	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T25 anni - Ante

E.G. Elev (m)	22.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	22.90	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	22.90	Flow Area (m2)		5.13	
E.G. Slope (m/m)	0.029925	Area (m2)		5.13	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	35.57	Top Width (m)		35.57	
Vel Total (m/s)	1.19	Avg. Vel. (m/s)		1.19	
Max Chl Dpth (m)	2.11	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	35.3	Conv. (m3/s)		35.3	
Length Wtd. (m)	47.00	Wetted Per. (m)		36.64	
Min Ch El (m)	20.79	Shear (N/m2)		42.27	
Alpha	1.00	Stream Power (N/m s)		50.23	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		8.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		30.20	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T50 anni - Ante

E.G. Elev (m)	23.02	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	22.93	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	22.93	Flow Area (m2)		6.46	
E.G. Slope (m/m)	0.028931	Area (m2)		6.45	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	38.19	Top Width (m)		38.19	
Vel Total (m/s)	1.30	Avg. Vel. (m/s)		1.30	
Max Chl Dpth (m)	2.14	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	49.2	Conv. (m3/s)		49.2	
Length Wtd. (m)	47.00	Wetted Per. (m)		38.27	
Min Ch El (m)	20.79	Shear (N/m2)		47.82	
Alpha	1.00	Stream Power (N/m s)		62.04	
Frctn Loss (m)	0.11	Cum Volume (1000 m3)		9.33	
C & E Loss (m)	0.00	Cum SA (1000 m2)		32.39	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T100 anni - Ante

E.G. Elev (m)	23.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	22.97	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	22.97	Flow Area (m2)		7.98	
E.G. Slope (m/m)	0.026854	Area (m2)		7.98	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	41.73	Top Width (m)		41.73	
Vel Total (m/s)	1.36	Avg. Vel. (m/s)		1.36	
Max Chl Dpth (m)	2.18	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	66.1	Conv. (m3/s)		66.1	
Length Wtd. (m)	47.00	Wetted Per. (m)		41.83	
Min Ch El (m)	20.79	Shear (N/m2)		50.23	
Alpha	1.00	Stream Power (N/m s)		68.19	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		10.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.57	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T200 anni - Ante

E.G. Elev (m)	23.11	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	23.00	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	23.00	Flow Area (m2)		9.28	
E.G. Slope (m/m)	0.026736	Area (m2)		9.28	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T200 anni - Ante (Continued)

Top Width (m)	44.05	Top Width (m)		44.05	
Vel Total (m/s)	1.45	Avg. Vel. (m/s)		1.45	
Max Chl Dpth (m)	2.21	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	82.0	Conv. (m3/s)		82.0	
Length Wtd. (m)	47.00	Wetted Per. (m)		44.17	
Min Ch El (m)	20.79	Shear (N/m2)		55.15	
Alpha	1.00	Stream Power (N/m s)		79.72	
Frctn Loss (m)	0.16	Cum Volume (1000 m3)		11.99	
C & E Loss (m)	0.00	Cum SA (1000 m2)		36.84	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T500 anni - Ante

E.G. Elev (m)	23.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	23.04	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	23.04	Flow Area (m2)		11.03	
E.G. Slope (m/m)	0.025249	Area (m2)		11.03	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	45.46	Top Width (m)		45.46	
Vel Total (m/s)	1.54	Avg. Vel. (m/s)		1.54	
Max Chl Dpth (m)	2.25	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	107.0	Conv. (m3/s)		107.0	
Length Wtd. (m)	47.00	Wetted Per. (m)		45.60	
Min Ch El (m)	20.79	Shear (N/m2)		59.90	
Alpha	1.00	Stream Power (N/m s)		92.37	
Frctn Loss (m)	0.18	Cum Volume (1000 m3)		13.87	
C & E Loss (m)	0.00	Cum SA (1000 m2)		38.28	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T25 anni - Post

E.G. Elev (m)	23.02	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	22.94	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	22.94	Flow Area (m2)		6.49	
E.G. Slope (m/m)	0.028910	Area (m2)		6.49	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	38.29	Top Width (m)		38.29	
Vel Total (m/s)	1.30	Avg. Vel. (m/s)		1.30	
Max Chl Dpth (m)	2.15	Hydr. Depth (m)		0.17	
Conv. Total (m3/s)	49.6	Conv. (m3/s)		49.6	
Length Wtd. (m)	47.00	Wetted Per. (m)		38.37	
Min Ch El (m)	20.79	Shear (N/m2)		47.96	
Alpha	1.00	Stream Power (N/m s)		62.36	
Frctn Loss (m)	0.11	Cum Volume (1000 m3)		9.37	
C & E Loss (m)	0.00	Cum SA (1000 m2)		32.46	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T50 anni - Post

E.G. Elev (m)	23.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	22.98	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	22.98	Flow Area (m2)		8.15	
E.G. Slope (m/m)	0.027177	Area (m2)		8.15	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	42.12	Top Width (m)		42.12	
Vel Total (m/s)	1.38	Avg. Vel. (m/s)		1.38	
Max Chl Dpth (m)	2.19	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	68.1	Conv. (m3/s)		68.1	
Length Wtd. (m)	47.00	Wetted Per. (m)		42.22	
Min Ch El (m)	20.79	Shear (N/m2)		51.48	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		70.89	
Frctn Loss (m)	0.14	Cum Volume (1000 m3)		10.97	
C & E Loss (m)	0.00	Cum SA (1000 m2)		34.78	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T100 anni - Post

E.G. Elev (m)	23.12	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	23.01	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	23.01	Flow Area (m2)		9.69	
E.G. Slope (m/m)	0.025241	Area (m2)		9.69	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	44.51	Top Width (m)		44.51	
Vel Total (m/s)	1.46	Avg. Vel. (m/s)		1.46	
Max Chl Dpth (m)	2.22	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	87.5	Conv. (m3/s)		87.5	
Length Wtd. (m)	47.00	Wetted Per. (m)		44.63	
Min Ch El (m)	20.79	Shear (N/m2)		55.88	
Alpha	1.00	Stream Power (N/m s)		81.76	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		12.37	
C & E Loss (m)	0.00	Cum SA (1000 m2)		37.10	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T200 anni - Post

E.G. Elev (m)	23.17	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	23.04	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	23.04	Flow Area (m2)		11.12	
E.G. Slope (m/m)	0.025352	Area (m2)		11.12	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	45.56	Top Width (m)		45.56	
Vel Total (m/s)	1.55	Avg. Vel. (m/s)		1.55	
Max Chl Dpth (m)	2.25	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	106.4	Conv. (m3/s)		106.4	
Length Wtd. (m)	47.00	Wetted Per. (m)		45.69	
Min Ch El (m)	20.79	Shear (N/m2)		60.52	
Alpha	1.00	Stream Power (N/m s)		93.92	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		14.00	
C & E Loss (m)	0.00	Cum SA (1000 m2)		38.38	

Plan: AnPo River 3 Reach 3 RS: 635 Profile: T500 anni - Post

E.G. Elev (m)	23.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	23.09	Reach Len. (m)	47.00	47.00	47.00
Crit W.S. (m)	23.09	Flow Area (m2)		13.09	
E.G. Slope (m/m)	0.024023	Area (m2)		13.09	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	47.35	Top Width (m)		47.35	
Vel Total (m/s)	1.64	Avg. Vel. (m/s)		1.64	
Max Chl Dpth (m)	2.30	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	136.5	Conv. (m3/s)		136.5	
Length Wtd. (m)	47.00	Wetted Per. (m)		47.51	
Min Ch El (m)	20.79	Shear (N/m2)		64.90	
Alpha	1.00	Stream Power (N/m s)		106.47	
Frctn Loss (m)	0.21	Cum Volume (1000 m3)		16.25	
C & E Loss (m)	0.00	Cum SA (1000 m2)		40.07	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T25 anni - Ante

E.G. Elev (m)	22.10	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	22.08	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.02	Flow Area (m2)		9.74	
E.G. Slope (m/m)	0.007190	Area (m2)		9.74	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	60.64	Top Width (m)		60.64	
Vel Total (m/s)	0.63	Avg. Vel. (m/s)		0.63	
Max Chl Dpth (m)	1.50	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	71.9	Conv. (m3/s)		71.9	
Length Wtd. (m)	51.30	Wetted Per. (m)		60.72	
Min Ch El (m)	20.58	Shear (N/m2)		11.32	
Alpha	1.00	Stream Power (N/m s)		7.08	
Frctn Loss (m)	0.64	Cum Volume (1000 m3)		7.69	
C & E Loss (m)	0.01	Cum SA (1000 m2)		27.94	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T50 anni - Ante

E.G. Elev (m)	22.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	22.12	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.05	Flow Area (m2)		12.17	
E.G. Slope (m/m)	0.007047	Area (m2)		12.17	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	64.82	Top Width (m)		64.82	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.54	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	99.7	Conv. (m3/s)		99.7	
Length Wtd. (m)	51.30	Wetted Per. (m)		64.90	
Min Ch El (m)	20.58	Shear (N/m2)		12.96	
Alpha	1.00	Stream Power (N/m s)		8.91	
Frctn Loss (m)	0.63	Cum Volume (1000 m3)		8.89	
C & E Loss (m)	0.01	Cum SA (1000 m2)		29.97	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T100 anni - Ante

E.G. Elev (m)	22.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	22.16	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.07	Flow Area (m2)		14.96	
E.G. Slope (m/m)	0.006860	Area (m2)		14.96	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	72.32	Top Width (m)		72.32	
Vel Total (m/s)	0.72	Avg. Vel. (m/s)		0.72	
Max Chl Dpth (m)	1.58	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	130.8	Conv. (m3/s)		130.8	
Length Wtd. (m)	51.30	Wetted Per. (m)		72.41	
Min Ch El (m)	20.58	Shear (N/m2)		13.90	
Alpha	1.00	Stream Power (N/m s)		10.06	
Frctn Loss (m)	0.61	Cum Volume (1000 m3)		10.21	
C & E Loss (m)	0.01	Cum SA (1000 m2)		31.69	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T200 anni - Ante

E.G. Elev (m)	22.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	22.20	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.10	Flow Area (m2)		17.38	
E.G. Slope (m/m)	0.005670	Area (m2)		17.38	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T200 anni - Ante (Continued)

Top Width (m)	74.64	Top Width (m)		74.64	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	1.62	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	164.3	Conv. (m3/s)		164.3	
Length Wtd. (m)	51.30	Wetted Per. (m)		74.73	
Min Ch El (m)	20.56	Shear (N/m2)		15.21	
Alpha	1.00	Stream Power (N/m s)		11.75	
Frctn Loss (m)	0.59	Cum Volume (1000 m3)		11.36	
C & E Loss (m)	0.01	Cum SA (1000 m2)		34.05	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T500 anni - Ante

E.G. Elev (m)	22.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	22.24	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.13	Flow Area (m2)		20.51	
E.G. Slope (m/m)	0.006324	Area (m2)		20.51	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	75.99	Top Width (m)		75.99	
Vel Total (m/s)	0.83	Avg. Vel. (m/s)		0.83	
Max Chl Dpth (m)	1.66	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	213.9	Conv. (m3/s)		213.9	
Length Wtd. (m)	51.30	Wetted Per. (m)		76.09	
Min Ch El (m)	20.56	Shear (N/m2)		16.71	
Alpha	1.00	Stream Power (N/m s)		13.86	
Frctn Loss (m)	0.57	Cum Volume (1000 m3)		13.13	
C & E Loss (m)	0.01	Cum SA (1000 m2)		35.43	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T25 anni - Post

E.G. Elev (m)	22.15	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	22.13	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.05	Flow Area (m2)		12.27	
E.G. Slope (m/m)	0.005969	Area (m2)		12.27	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	65.02	Top Width (m)		65.02	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.55	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	100.9	Conv. (m3/s)		100.9	
Length Wtd. (m)	51.30	Wetted Per. (m)		65.10	
Min Ch El (m)	20.58	Shear (N/m2)		12.94	
Alpha	1.00	Stream Power (N/m s)		8.90	
Frctn Loss (m)	0.62	Cum Volume (1000 m3)		8.93	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.03	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T50 anni - Post

E.G. Elev (m)	22.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	22.17	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.07	Flow Area (m2)		15.39	
E.G. Slope (m/m)	0.006832	Area (m2)		15.39	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	73.25	Top Width (m)		73.25	
Vel Total (m/s)	0.73	Avg. Vel. (m/s)		0.73	
Max Chl Dpth (m)	1.59	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	135.9	Conv. (m3/s)		135.9	
Length Wtd. (m)	51.30	Wetted Per. (m)		73.34	
Min Ch El (m)	20.58	Shear (N/m2)		14.06	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		10.26	
Frctn Loss (m)	0.61	Cum Volume (1000 m3)		10.42	
C & E Loss (m)	0.01	Cum SA (1000 m2)		32.07	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T100 anni - Post

E.G. Elev (m)	22.24	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	22.21	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.10	Flow Area (m2)		18.02	
E.G. Slope (m/m)	0.006631	Area (m2)		18.02	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	74.94	Top Width (m)		74.94	
Vel Total (m/s)	0.79	Avg. Vel. (m/s)		0.79	
Max Chl Dpth (m)	1.63	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	174.1	Conv. (m3/s)		174.1	
Length Wtd. (m)	51.30	Wetted Per. (m)		75.03	
Min Ch El (m)	20.58	Shear (N/m2)		15.62	
Alpha	1.00	Stream Power (N/m s)		12.29	
Frctn Loss (m)	0.59	Cum Volume (1000 m3)		11.72	
C & E Loss (m)	0.01	Cum SA (1000 m2)		34.29	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T200 anni - Post

E.G. Elev (m)	22.28	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	22.24	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.13	Flow Area (m2)		20.66	
E.G. Slope (m/m)	0.006360	Area (m2)		20.66	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	76.06	Top Width (m)		76.06	
Vel Total (m/s)	0.84	Avg. Vel. (m/s)		0.84	
Max Chl Dpth (m)	1.66	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	216.4	Conv. (m3/s)		216.4	
Length Wtd. (m)	51.30	Wetted Per. (m)		76.15	
Min Ch El (m)	20.58	Shear (N/m2)		16.92	
Alpha	1.00	Stream Power (N/m s)		14.13	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		13.25	
C & E Loss (m)	0.01	Cum SA (1000 m2)		35.53	

Plan: AnPo River 3 Reach 3 RS: 589 Profile: T500 anni - Post

E.G. Elev (m)	22.33	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	22.29	Reach Len. (m)	51.30	51.30	51.30
Crit W.S. (m)	22.17	Flow Area (m2)		24.18	
E.G. Slope (m/m)	0.006111	Area (m2)		24.18	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	78.87	Top Width (m)		78.87	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	1.71	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	274.7	Conv. (m3/s)		274.7	
Length Wtd. (m)	51.30	Wetted Per. (m)		78.97	
Min Ch El (m)	20.58	Shear (N/m2)		18.35	
Alpha	1.00	Stream Power (N/m s)		16.29	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		15.37	
C & E Loss (m)	0.01	Cum SA (1000 m2)		37.10	

Plan: AnPo River 3 Reach 3 RS: 538 Profile: T25 anni - Ante

E.G. Elev (m)	21.45	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	21.36	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.36	Flow Area (m2)		4.57	
E.G. Slope (m/m)	0.027097	Area (m2)		4.57	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	24.67	Top Width (m)		24.67	
Vel Total (m/s)	1.34	Avg. Vel. (m/s)		1.34	
Max Chl Dpth (m)	0.64	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	37.1	Conv. (m3/s)		37.1	
Length Wtd. (m)	53.90	Wetted Per. (m)		24.70	
Min Ch El (m)	20.72	Shear (N/m2)		49.13	
Alpha	1.00	Stream Power (N/m s)		65.63	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		7.33	
C & E Loss (m)	0.02	Cum SA (1000 m2)		25.75	

Plan: AnPo River 3 Reach 3 RS: 538 Profile: T50 anni - Ante

E.G. Elev (m)	21.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	21.41	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.41	Flow Area (m2)		5.88	
E.G. Slope (m/m)	0.026038	Area (m2)		5.88	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	28.04	Top Width (m)		28.04	
Vel Total (m/s)	1.42	Avg. Vel. (m/s)		1.42	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	51.9	Conv. (m3/s)		51.9	
Length Wtd. (m)	53.90	Wetted Per. (m)		28.07	
Min Ch El (m)	20.72	Shear (N/m2)		53.51	
Alpha	1.00	Stream Power (N/m s)		76.15	
Frctn Loss (m)	0.55	Cum Volume (1000 m3)		8.43	
C & E Loss (m)	0.02	Cum SA (1000 m2)		27.59	

Plan: AnPo River 3 Reach 3 RS: 538 Profile: T100 anni - Ante

E.G. Elev (m)	21.57	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	21.46	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.46	Flow Area (m2)		7.09	
E.G. Slope (m/m)	0.025172	Area (m2)		7.09	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	29.60	Top Width (m)		29.60	
Vel Total (m/s)	1.53	Avg. Vel. (m/s)		1.53	
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	68.3	Conv. (m3/s)		68.3	
Length Wtd. (m)	53.90	Wetted Per. (m)		29.63	
Min Ch El (m)	20.72	Shear (N/m2)		59.04	
Alpha	1.00	Stream Power (N/m s)		90.23	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		9.65	
C & E Loss (m)	0.02	Cum SA (1000 m2)		29.28	

Plan: AnPo River 3 Reach 3 RS: 538 Profile: T200 anni - Ante

E.G. Elev (m)	21.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	21.50	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.50	Flow Area (m2)		8.29	
E.G. Slope (m/m)	0.024425	Area (m2)		8.29	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T200 anni - Ante (Continued)

Top Width (m)	31.08	Top Width (m)		31.08	
Vel Total (m/s)	1.62	Avg. Vel. (m/s)		1.62	
Max Chl Dpth (m)	0.76	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	85.9	Conv. (m3/s)		85.9	
Length Wtd. (m)	53.90	Wetted Per. (m)		31.11	
Min Ch El (m)	20.72	Shear (N/m2)		63.84	
Alpha	1.00	Stream Power (N/m s)		103.32	
Frctn Loss (m)	0.57	Cum Volume (1000 m3)		10.70	
C & E Loss (m)	0.03	Cum SA (1000 m2)		31.34	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T500 anni - Ante

E.G. Elev (m)	21.70	Element	Left OB	Channel	Right OB
Vel Head (m)	0.15	Wt. n-Val.		0.040	
W.S. Elev (m)	21.55	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.55	Flow Area (m2)		10.01	
E.G. Slope (m/m)	0.023884	Area (m2)		10.01	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	34.30	Top Width (m)		34.30	
Vel Total (m/s)	1.70	Avg. Vel. (m/s)		1.70	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.29	
Conv. Total (m3/s)	110.0	Conv. (m3/s)		110.0	
Length Wtd. (m)	53.90	Wetted Per. (m)		34.34	
Min Ch El (m)	20.72	Shear (N/m2)		68.31	
Alpha	1.00	Stream Power (N/m s)		116.06	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		12.35	
C & E Loss (m)	0.03	Cum SA (1000 m2)		32.60	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T25 anni - Post

E.G. Elev (m)	21.52	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	21.42	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.42	Flow Area (m2)		5.92	
E.G. Slope (m/m)	0.026017	Area (m2)		5.92	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	28.08	Top Width (m)		28.08	
Vel Total (m/s)	1.43	Avg. Vel. (m/s)		1.43	
Max Chl Dpth (m)	0.70	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	52.3	Conv. (m3/s)		52.3	
Length Wtd. (m)	53.90	Wetted Per. (m)		28.11	
Min Ch El (m)	20.72	Shear (N/m2)		53.69	
Alpha	1.00	Stream Power (N/m s)		76.60	
Frctn Loss (m)	0.55	Cum Volume (1000 m3)		8.48	
C & E Loss (m)	0.02	Cum SA (1000 m2)		27.64	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T50 anni - Post

E.G. Elev (m)	21.58	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	21.46	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.46	Flow Area (m2)		7.27	
E.G. Slope (m/m)	0.025088	Area (m2)		7.27	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	29.83	Top Width (m)		29.83	
Vel Total (m/s)	1.54	Avg. Vel. (m/s)		1.54	
Max Chl Dpth (m)	0.74	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	70.9	Conv. (m3/s)		70.9	
Length Wtd. (m)	53.90	Wetted Per. (m)		29.86	
Min Ch El (m)	20.72	Shear (N/m2)		59.92	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		92.52	
Frctn Loss (m)	0.56	Cum Volume (1000 m3)		9.83	
C & E Loss (m)	0.03	Cum SA (1000 m2)		29.42	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T100 anni - Post

E.G. Elev (m)	21.64	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	21.51	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.51	Flow Area (m2)		8.65	
E.G. Slope (m/m)	0.024092	Area (m2)		8.65	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	31.51	Top Width (m)		31.51	
Vel Total (m/s)	1.64	Avg. Vel. (m/s)		1.64	
Max Chl Dpth (m)	0.79	Hydr. Depth (m)		0.27	
Conv. Total (m3/s)	91.4	Conv. (m3/s)		91.4	
Length Wtd. (m)	53.90	Wetted Per. (m)		31.54	
Min Ch El (m)	20.72	Shear (N/m2)		64.82	
Alpha	1.00	Stream Power (N/m s)		106.20	
Frctn Loss (m)	0.57	Cum Volume (1000 m3)		11.04	
C & E Loss (m)	0.03	Cum SA (1000 m2)		31.56	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T200 anni - Post

E.G. Elev (m)	21.70	Element	Left OB	Channel	Right OB
Vel Head (m)	0.15	Wt. n-Val.		0.040	
W.S. Elev (m)	21.55	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.55	Flow Area (m2)		10.17	
E.G. Slope (m/m)	0.023469	Area (m2)		10.17	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	34.43	Top Width (m)		34.43	
Vel Total (m/s)	1.70	Avg. Vel. (m/s)		1.70	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	112.7	Conv. (m3/s)		112.7	
Length Wtd. (m)	53.90	Wetted Per. (m)		34.47	
Min Ch El (m)	20.72	Shear (N/m2)		67.90	
Alpha	1.00	Stream Power (N/m s)		115.24	
Frctn Loss (m)	0.58	Cum Volume (1000 m3)		12.46	
C & E Loss (m)	0.03	Cum SA (1000 m2)		32.69	

Plan: AnPo River 3 Reach 3 RS: 535 Profile: T500 anni - Post

E.G. Elev (m)	21.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.17	Wt. n-Val.		0.040	
W.S. Elev (m)	21.60	Reach Len. (m)	53.90	53.90	53.90
Crit W.S. (m)	21.60	Flow Area (m2)		11.92	
E.G. Slope (m/m)	0.022857	Area (m2)		11.92	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	36.18	Top Width (m)		36.18	
Vel Total (m/s)	1.80	Avg. Vel. (m/s)		1.80	
Max Chl Dpth (m)	0.88	Hydr. Depth (m)		0.33	
Conv. Total (m3/s)	142.0	Conv. (m3/s)		142.0	
Length Wtd. (m)	53.90	Wetted Per. (m)		36.23	
Min Ch El (m)	20.72	Shear (N/m2)		73.75	
Alpha	1.00	Stream Power (N/m s)		132.85	
Frctn Loss (m)	0.59	Cum Volume (1000 m3)		14.45	
C & E Loss (m)	0.03	Cum SA (1000 m2)		34.15	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T25 anni - Ante

E.G. Elev (m)	20.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	20.71	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.59	Flow Area (m2)		8.68	
E.G. Slope (m/m)	0.005185	Area (m2)		8.68	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	35.50	Top Width (m)		35.50	
Vel Total (m/s)	0.70	Avg. Vel. (m/s)		0.70	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	84.7	Conv. (m3/s)		84.7	
Length Wtd. (m)	48.70	Wetted Per. (m)		35.55	
Min Ch El (m)	20.26	Shear (N/m2)		12.41	
Alpha	1.00	Stream Power (N/m s)		8.72	
Frctn Loss (m)	0.50	Cum Volume (1000 m3)		6.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.13	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T50 anni - Ante

E.G. Elev (m)	20.79	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	20.76	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.64	Flow Area (m2)		10.74	
E.G. Slope (m/m)	0.005433	Area (m2)		10.74	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	39.00	Top Width (m)		39.00	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	113.6	Conv. (m3/s)		113.6	
Length Wtd. (m)	48.70	Wetted Per. (m)		39.05	
Min Ch El (m)	20.26	Shear (N/m2)		14.65	
Alpha	1.00	Stream Power (N/m s)		11.42	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		7.98	
C & E Loss (m)	0.01	Cum SA (1000 m2)		25.78	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T100 anni - Ante

E.G. Elev (m)	20.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	20.81	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.67	Flow Area (m2)		12.74	
E.G. Slope (m/m)	0.005827	Area (m2)		12.74	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	41.72	Top Width (m)		41.72	
Vel Total (m/s)	0.85	Avg. Vel. (m/s)		0.85	
Max Chl Dpth (m)	0.55	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	144.4	Conv. (m3/s)		144.4	
Length Wtd. (m)	48.70	Wetted Per. (m)		41.77	
Min Ch El (m)	20.26	Shear (N/m2)		16.84	
Alpha	1.00	Stream Power (N/m s)		14.31	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		9.11	
C & E Loss (m)	0.01	Cum SA (1000 m2)		27.36	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T200 anni - Ante

E.G. Elev (m)	20.90	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	20.86	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.71	Flow Area (m2)		14.54	
E.G. Slope (m/m)	0.005863	Area (m2)		14.54	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T200 anni - Ante (Continued)

Top Width (m)	43.41	Top Width (m)		43.41	
Vel Total (m/s)	0.92	Avg. Vel. (m/s)		0.92	
Max Chl Dpth (m)	0.60	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	175.3	Conv. (m3/s)		175.3	
Length Wtd. (m)	48.70	Wetted Per. (m)		43.48	
Min Ch El (m)	20.26	Shear (N/m2)		19.24	
Alpha	1.00	Stream Power (N/m s)		17.75	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		10.09	
C & E Loss (m)	0.01	Cum SA (1000 m2)		29.34	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T500 anni - Ante

E.G. Elev (m)	20.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	20.91	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.75	Flow Area (m2)		16.93	
E.G. Slope (m/m)	0.006155	Area (m2)		16.93	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	46.11	Top Width (m)		46.11	
Vel Total (m/s)	1.00	Avg. Vel. (m/s)		1.00	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	216.8	Conv. (m3/s)		216.8	
Length Wtd. (m)	48.70	Wetted Per. (m)		46.17	
Min Ch El (m)	20.26	Shear (N/m2)		22.13	
Alpha	1.00	Stream Power (N/m s)		22.24	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		11.52	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.43	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T25 anni - Post

E.G. Elev (m)	20.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	20.77	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.64	Flow Area (m2)		10.81	
E.G. Slope (m/m)	0.005439	Area (m2)		10.81	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	39.21	Top Width (m)		39.21	
Vel Total (m/s)	0.78	Avg. Vel. (m/s)		0.78	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	114.4	Conv. (m3/s)		114.4	
Length Wtd. (m)	48.70	Wetted Per. (m)		39.25	
Min Ch El (m)	20.26	Shear (N/m2)		14.69	
Alpha	1.00	Stream Power (N/m s)		11.47	
Frctn Loss (m)	0.52	Cum Volume (1000 m3)		8.01	
C & E Loss (m)	0.01	Cum SA (1000 m2)		26.83	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T50 anni - Post

E.G. Elev (m)	20.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	20.82	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.68	Flow Area (m2)		13.03	
E.G. Slope (m/m)	0.005662	Area (m2)		13.03	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	41.99	Top Width (m)		41.99	
Vel Total (m/s)	0.86	Avg. Vel. (m/s)		0.86	
Max Chl Dpth (m)	0.56	Hydr. Depth (m)		0.31	
Conv. Total (m3/s)	149.2	Conv. (m3/s)		149.2	
Length Wtd. (m)	48.70	Wetted Per. (m)		42.04	
Min Ch El (m)	20.26	Shear (N/m2)		17.21	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		14.83	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		9.29	
C & E Loss (m)	0.01	Cum SA (1000 m2)		27.49	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T100 anni - Post

E.G. Elev (m)	20.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	20.87	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.72	Flow Area (m2)		15.05	
E.G. Slope (m/m)	0.005930	Area (m2)		15.05	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	43.87	Top Width (m)		43.87	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.61	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	184.1	Conv. (m3/s)		184.1	
Length Wtd. (m)	48.70	Wetted Per. (m)		43.92	
Min Ch El (m)	20.26	Shear (N/m2)		19.92	
Alpha	1.00	Stream Power (N/m s)		18.77	
Frctn Loss (m)	0.53	Cum Volume (1000 m3)		10.40	
C & E Loss (m)	0.01	Cum SA (1000 m2)		29.53	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T200 anni - Post

E.G. Elev (m)	20.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	20.91	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.76	Flow Area (m2)		17.09	
E.G. Slope (m/m)	0.006181	Area (m2)		17.09	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	46.33	Top Width (m)		46.33	
Vel Total (m/s)	1.01	Avg. Vel. (m/s)		1.01	
Max Chl Dpth (m)	0.65	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	219.5	Conv. (m3/s)		219.5	
Length Wtd. (m)	48.70	Wetted Per. (m)		46.39	
Min Ch El (m)	20.26	Shear (N/m2)		22.33	
Alpha	1.00	Stream Power (N/m s)		22.55	
Frctn Loss (m)	0.54	Cum Volume (1000 m3)		11.73	
C & E Loss (m)	0.01	Cum SA (1000 m2)		30.52	

Plan: AnPo River 3 Reach 3 RS: 484 Profile: T500 anni - Post

E.G. Elev (m)	21.03	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	20.97	Reach Len. (m)	48.70	48.70	48.70
Crit W.S. (m)	20.81	Flow Area (m2)		19.78	
E.G. Slope (m/m)	0.006355	Area (m2)		19.78	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	49.17	Top Width (m)		49.17	
Vel Total (m/s)	1.09	Avg. Vel. (m/s)		1.09	
Max Chl Dpth (m)	0.71	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	269.3	Conv. (m3/s)		269.3	
Length Wtd. (m)	48.70	Wetted Per. (m)		49.23	
Min Ch El (m)	20.26	Shear (N/m2)		25.04	
Alpha	1.00	Stream Power (N/m s)		27.16	
Frctn Loss (m)	0.55	Cum Volume (1000 m3)		13.59	
C & E Loss (m)	0.01	Cum SA (1000 m2)		31.85	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T25 anni - Ante

E.G. Elev (m)	20.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	20.15	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.15	Flow Area (m2)		4.96	
E.G. Slope (m/m)	0.029718	Area (m2)		4.96	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	32.46	Top Width (m)		32.46	
Vel Total (m/s)	1.23	Avg. Vel. (m/s)		1.23	
Max Chl Dpth (m)	0.27	Hydr. Depth (m)		0.15	
Conv. Total (m3/s)	35.4	Conv. (m3/s)		35.4	
Length Wtd. (m)	48.60	Wetted Per. (m)		32.49	
Min Ch El (m)	19.88	Shear (N/m2)		44.47	
Alpha	1.00	Stream Power (N/m s)		54.72	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		6.64	
C & E Loss (m)	0.02	Cum SA (1000 m2)		22.48	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T50 anni - Ante

E.G. Elev (m)	20.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	20.19	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.19	Flow Area (m2)		6.69	
E.G. Slope (m/m)	0.029181	Area (m2)		6.63	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	41.18	Top Width (m)		41.18	
Vel Total (m/s)	1.26	Avg. Vel. (m/s)		1.26	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	49.0	Conv. (m3/s)		49.0	
Length Wtd. (m)	48.60	Wetted Per. (m)		41.22	
Min Ch El (m)	19.88	Shear (N/m2)		46.02	
Alpha	1.00	Stream Power (N/m s)		58.11	
Frctn Loss (m)	0.48	Cum Volume (1000 m3)		7.56	
C & E Loss (m)	0.02	Cum SA (1000 m2)		23.83	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T100 anni - Ante

E.G. Elev (m)	20.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	20.22	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.22	Flow Area (m2)		7.93	
E.G. Slope (m/m)	0.028659	Area (m2)		7.93	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	43.17	Top Width (m)		43.17	
Vel Total (m/s)	1.37	Avg. Vel. (m/s)		1.37	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	64.0	Conv. (m3/s)		64.0	
Length Wtd. (m)	48.60	Wetted Per. (m)		43.21	
Min Ch El (m)	19.88	Shear (N/m2)		51.56	
Alpha	1.00	Stream Power (N/m s)		70.44	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		8.61	
C & E Loss (m)	0.02	Cum SA (1000 m2)		25.29	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T200 anni - Ante

E.G. Elev (m)	20.38	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	20.25	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.25	Flow Area (m2)		9.26	
E.G. Slope (m/m)	0.027140	Area (m2)		9.26	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T200 anni - Ante (Continued)

Top Width (m)	44.29	Top Width (m)		44.29	
Vel Total (m/s)	1.45	Avg. Vel. (m/s)		1.45	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	81.5	Conv. (m3/s)		81.5	
Length Wtd. (m)	48.60	Wetted Per. (m)		44.32	
Min Ch El (m)	19.88	Shear (N/m2)		55.58	
Alpha	1.00	Stream Power (N/m s)		80.58	
Frctn Loss (m)	0.43	Cum Volume (1000 m3)		9.51	
C & E Loss (m)	0.03	Cum SA (1000 m2)		27.20	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T500 anni - Ante

E.G. Elev (m)	20.41	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	20.29	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.29	Flow Area (m2)		11.11	
E.G. Slope (m/m)	0.025658	Area (m2)		11.11	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	46.94	Top Width (m)		46.94	
Vel Total (m/s)	1.53	Avg. Vel. (m/s)		1.53	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	106.2	Conv. (m3/s)		106.2	
Length Wtd. (m)	48.60	Wetted Per. (m)		46.98	
Min Ch El (m)	19.88	Shear (N/m2)		59.49	
Alpha	1.00	Stream Power (N/m s)		91.10	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		10.94	
C & E Loss (m)	0.03	Cum SA (1000 m2)		28.17	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T25 anni - Post

E.G. Elev (m)	20.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	20.19	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.19	Flow Area (m2)		6.67	
E.G. Slope (m/m)	0.029231	Area (m2)		6.67	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	41.32	Top Width (m)		41.32	
Vel Total (m/s)	1.27	Avg. Vel. (m/s)		1.27	
Max Chl Dpth (m)	0.31	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	49.4	Conv. (m3/s)		49.4	
Length Wtd. (m)	48.60	Wetted Per. (m)		41.36	
Min Ch El (m)	19.88	Shear (N/m2)		46.21	
Alpha	1.00	Stream Power (N/m s)		58.50	
Frctn Loss (m)	0.46	Cum Volume (1000 m3)		7.59	
C & E Loss (m)	0.02	Cum SA (1000 m2)		23.67	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T50 anni - Post

E.G. Elev (m)	20.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	20.23	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.23	Flow Area (m2)		8.13	
E.G. Slope (m/m)	0.028440	Area (m2)		8.13	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	43.33	Top Width (m)		43.33	
Vel Total (m/s)	1.38	Avg. Vel. (m/s)		1.38	
Max Chl Dpth (m)	0.35	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	66.6	Conv. (m3/s)		66.6	
Length Wtd. (m)	48.60	Wetted Per. (m)		43.37	
Min Ch El (m)	19.88	Shear (N/m2)		52.29	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		72.22	
Froth Loss (m)	0.43	Cum Volume (1000 m3)		8.77	
C & E Loss (m)	0.02	Cum SA (1000 m2)		25.41	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T100 anni - Post

E.G. Elev (m)	20.37	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	20.26	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.26	Flow Area (m2)		9.65	
E.G. Slope (m/m)	0.026727	Area (m2)		9.65	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	44.68	Top Width (m)		44.66	
Vel Total (m/s)	1.47	Avg. Vel. (m/s)		1.47	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	86.7	Conv. (m3/s)		86.7	
Length Wtd. (m)	48.60	Wetted Per. (m)		44.71	
Min Ch El (m)	19.88	Shear (N/m2)		56.54	
Alpha	1.00	Stream Power (N/m s)		83.12	
Froth Loss (m)	0.43	Cum Volume (1000 m3)		9.80	
C & E Loss (m)	0.03	Cum SA (1000 m2)		27.37	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T200 anni - Post

E.G. Elev (m)	20.42	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	20.30	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.30	Flow Area (m2)		11.26	
E.G. Slope (m/m)	0.025523	Area (m2)		11.26	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	47.30	Top Width (m)		47.30	
Vel Total (m/s)	1.53	Avg. Vel. (m/s)		1.53	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	106.0	Conv. (m3/s)		106.0	
Length Wtd. (m)	48.60	Wetted Per. (m)		47.34	
Min Ch El (m)	19.88	Shear (N/m2)		59.52	
Alpha	1.00	Stream Power (N/m s)		91.26	
Froth Loss (m)	0.42	Cum Volume (1000 m3)		11.04	
C & E Loss (m)	0.03	Cum SA (1000 m2)		28.24	

Plan: AnPo River 3 Reach 3 RS: 435 Profile: T500 anni - Post

E.G. Elev (m)	20.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	20.34	Reach Len. (m)	48.60	48.60	48.60
Crit W.S. (m)	20.34	Flow Area (m2)		13.22	
E.G. Slope (m/m)	0.025335	Area (m2)		13.22	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	50.71	Top Width (m)		50.71	
Vel Total (m/s)	1.62	Avg. Vel. (m/s)		1.62	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	134.9	Conv. (m3/s)		134.9	
Length Wtd. (m)	48.60	Wetted Per. (m)		50.75	
Min Ch El (m)	19.88	Shear (N/m2)		64.75	
Alpha	1.00	Stream Power (N/m s)		105.11	
Froth Loss (m)	0.41	Cum Volume (1000 m3)		12.79	
C & E Loss (m)	0.03	Cum SA (1000 m2)		29.42	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T25 anni - Ante

E.G. Elev (m)	19.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	19.54	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.44	Flow Area (m2)		13.03	
E.G. Slope (m/m)	0.004885	Area (m2)		13.03	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	93.86	Top Width (m)		93.86	
Vel Total (m/s)	0.47	Avg. Vel. (m/s)		0.47	
Max Chl Dpth (m)	0.34	Hydr. Depth (m)		0.14	
Conv. Total (m3/s)	87.3	Conv. (m3/s)		87.3	
Length Wtd. (m)	48.00	Wetted Per. (m)		93.92	
Min Ch El (m)	19.20	Shear (N/m2)		6.64	
Alpha	1.00	Stream Power (N/m s)		3.11	
Frctn Loss (m)	0.47	Cum Volume (1000 m3)		6.20	
C & E Loss (m)	0.01	Cum SA (1000 m2)		19.41	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T50 anni - Ante

E.G. Elev (m)	19.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	19.57	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.47	Flow Area (m2)		16.49	
E.G. Slope (m/m)	0.004589	Area (m2)		16.49	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	100.54	Top Width (m)		100.54	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	0.37	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	123.5	Conv. (m3/s)		123.5	
Length Wtd. (m)	48.00	Wetted Per. (m)		100.60	
Min Ch El (m)	19.20	Shear (N/m2)		7.38	
Alpha	1.00	Stream Power (N/m s)		3.75	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		6.99	
C & E Loss (m)	0.01	Cum SA (1000 m2)		20.39	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T100 anni - Ante

E.G. Elev (m)	19.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	19.61	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.50	Flow Area (m2)		20.34	
E.G. Slope (m/m)	0.004320	Area (m2)		20.34	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	110.14	Top Width (m)		110.14	
Vel Total (m/s)	0.53	Avg. Vel. (m/s)		0.53	
Max Chl Dpth (m)	0.41	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	164.8	Conv. (m3/s)		164.8	
Length Wtd. (m)	48.00	Wetted Per. (m)		110.20	
Min Ch El (m)	19.20	Shear (N/m2)		7.82	
Alpha	1.00	Stream Power (N/m s)		4.16	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		7.92	
C & E Loss (m)	0.01	Cum SA (1000 m2)		21.57	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T200 anni - Ante

E.G. Elev (m)	19.68	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	19.64	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.52	Flow Area (m2)		23.48	
E.G. Slope (m/m)	0.004305	Area (m2)		23.48	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T200 anni - Ante (Continued)

Top Width (m)	113.90	Top Width (m)		113.90	
Vel Total (m/s)	0.57	Avg. Vel. (m/s)		0.57	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	204.5	Conv. (m3/s)		204.5	
Length Wtd. (m)	48.00	Wetted Per. (m)		113.97	
Min Ch El (m)	19.20	Shear (N/m2)		8.66	
Alpha	1.00	Stream Power (N/m s)		4.97	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		8.71	
C & E Loss (m)	0.01	Cum SA (1000 m2)		23.36	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T500 anni - Ante

E.G. Elev (m)	19.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	19.67	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.55	Flow Area (m2)		27.56	
E.G. Slope (m/m)	0.004243	Area (m2)		27.56	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	118.01	Top Width (m)		118.01	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.47	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	261.1	Conv. (m3/s)		261.1	
Length Wtd. (m)	48.00	Wetted Per. (m)		118.08	
Min Ch El (m)	19.20	Shear (N/m2)		9.71	
Alpha	1.00	Stream Power (N/m s)		5.99	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		10.00	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.16	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T25 anni - Post

E.G. Elev (m)	19.59	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	19.58	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.48	Flow Area (m2)		16.61	
E.G. Slope (m/m)	0.004589	Area (m2)		16.61	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	100.95	Top Width (m)		100.95	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	0.38	Hydr. Depth (m)		0.16	
Conv. Total (m3/s)	124.6	Conv. (m3/s)		124.6	
Length Wtd. (m)	48.00	Wetted Per. (m)		101.02	
Min Ch El (m)	19.20	Shear (N/m2)		7.40	
Alpha	1.00	Stream Power (N/m s)		3.76	
Frctn Loss (m)	0.44	Cum Volume (1000 m3)		7.02	
C & E Loss (m)	0.01	Cum SA (1000 m2)		20.41	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T50 anni - Post

E.G. Elev (m)	19.63	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	19.62	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.50	Flow Area (m2)		20.83	
E.G. Slope (m/m)	0.004299	Area (m2)		20.83	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	110.31	Top Width (m)		110.31	
Vel Total (m/s)	0.54	Avg. Vel. (m/s)		0.54	
Max Chl Dpth (m)	0.42	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	171.3	Conv. (m3/s)		171.3	
Length Wtd. (m)	48.00	Wetted Per. (m)		110.38	
Min Ch El (m)	19.20	Shear (N/m2)		7.95	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		4.29	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		8.07	
C & E Loss (m)	0.01	Cum SA (1000 m2)		21.67	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T100 anni - Post

E.G. Elev (m)	19.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	19.65	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.53	Flow Area (m2)		24.33	
E.G. Slope (m/m)	0.004324	Area (m2)		24.33	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	115.25	Top Width (m)		115.25	
Vel Total (m/s)	0.58	Avg. Vel. (m/s)		0.58	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	215.6	Conv. (m3/s)		215.6	
Length Wtd. (m)	48.00	Wetted Per. (m)		115.32	
Min Ch El (m)	19.20	Shear (N/m2)		8.95	
Alpha	1.00	Stream Power (N/m s)		5.21	
Frctn Loss (m)	0.42	Cum Volume (1000 m3)		8.97	
C & E Loss (m)	0.01	Cum SA (1000 m2)		23.49	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T200 anni - Post

E.G. Elev (m)	19.70	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	19.68	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.56	Flow Area (m2)		27.83	
E.G. Slope (m/m)	0.004239	Area (m2)		27.83	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	118.29	Top Width (m)		118.29	
Vel Total (m/s)	0.62	Avg. Vel. (m/s)		0.62	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.24	
Conv. Total (m3/s)	265.1	Conv. (m3/s)		265.1	
Length Wtd. (m)	48.00	Wetted Per. (m)		118.36	
Min Ch El (m)	19.20	Shear (N/m2)		9.77	
Alpha	1.00	Stream Power (N/m s)		6.06	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		10.09	
C & E Loss (m)	0.01	Cum SA (1000 m2)		24.21	

Plan: AnPo River 3 Reach 3 RS: 385 Profile: T500 anni - Post

E.G. Elev (m)	19.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	19.71	Reach Len. (m)	48.00	48.00	48.00
Crit W.S. (m)	19.58	Flow Area (m2)		32.39	
E.G. Slope (m/m)	0.004189	Area (m2)		32.39	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	123.42	Top Width (m)		123.42	
Vel Total (m/s)	0.66	Avg. Vel. (m/s)		0.66	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	331.7	Conv. (m3/s)		331.7	
Length Wtd. (m)	48.00	Wetted Per. (m)		123.49	
Min Ch El (m)	19.20	Shear (N/m2)		10.77	
Alpha	1.00	Stream Power (N/m s)		7.14	
Frctn Loss (m)	0.41	Cum Volume (1000 m3)		11.68	
C & E Loss (m)	0.01	Cum SA (1000 m2)		25.19	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T25 anni - Ante

E.G. Elev (m)	19.08	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	18.99	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	18.99	Flow Area (m2)		4.58	
E.G. Slope (m/m)	0.027818	Area (m2)		4.58	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	25.30	Top Width (m)		25.30	
Vel Total (m/s)	1.33	Avg. Vel. (m/s)		1.33	
Max Chl Dpth (m)	0.36	Hydr. Depth (m)		0.18	
Conv. Total (m3/s)	36.6	Conv. (m3/s)		36.6	
Length Wtd. (m)	50.00	Wetted Per. (m)		25.35	
Min Ch El (m)	18.63	Shear (N/m2)		49.27	
Alpha	1.00	Stream Power (N/m s)		65.65	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		5.78	
C & E Loss (m)	0.03	Cum SA (1000 m2)		16.56	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T50 anni - Ante

E.G. Elev (m)	19.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	19.03	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.03	Flow Area (m2)		5.85	
E.G. Slope (m/m)	0.026531	Area (m2)		5.85	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	28.01	Top Width (m)		28.01	
Vel Total (m/s)	1.43	Avg. Vel. (m/s)		1.43	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	51.4	Conv. (m3/s)		51.4	
Length Wtd. (m)	50.00	Wetted Per. (m)		28.06	
Min Ch El (m)	18.63	Shear (N/m2)		54.22	
Alpha	1.00	Stream Power (N/m s)		77.61	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		6.46	
C & E Loss (m)	0.03	Cum SA (1000 m2)		17.30	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T100 anni - Ante

E.G. Elev (m)	19.19	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	19.08	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.08	Flow Area (m2)		7.29	
E.G. Slope (m/m)	0.026084	Area (m2)		7.29	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	32.65	Top Width (m)		32.65	
Vel Total (m/s)	1.48	Avg. Vel. (m/s)		1.48	
Max Chl Dpth (m)	0.45	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	67.1	Conv. (m3/s)		67.1	
Length Wtd. (m)	50.00	Wetted Per. (m)		32.71	
Min Ch El (m)	18.63	Shear (N/m2)		57.04	
Alpha	1.00	Stream Power (N/m s)		84.70	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		7.26	
C & E Loss (m)	0.03	Cum SA (1000 m2)		18.14	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T200 anni - Ante

E.G. Elev (m)	19.22	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	19.13	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.13	Flow Area (m2)		9.83	
E.G. Slope (m/m)	0.027272	Area (m2)		9.83	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 335 Profile: T200 anni - Ante (Continued)

Top Width (m)	51.60	Top Width (m)		51.60	
Vel Total (m/s)	1.37	Avg. Vel. (m/s)		1.37	
Max Chl Dpth (m)	0.50	Hydr. Depth (m)		0.19	
Conv. Total (m3/s)	81.3	Conv. (m3/s)		81.3	
Length Wtd. (m)	50.00	Wetted Per. (m)		51.67	
Min Ch El (m)	18.63	Shear (N/m2)		50.87	
Alpha	1.00	Stream Power (N/m s)		69.46	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		7.91	
C & E Loss (m)	0.03	Cum SA (1000 m2)		19.36	

Plan: AnPo River 3 Reach 3 RS: 335 Profile: T500 anni - Ante

E.G. Elev (m)	19.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	19.17	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.17	Flow Area (m2)		11.90	
E.G. Slope (m/m)	0.026412	Area (m2)		11.90	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	56.93	Top Width (m)		56.93	
Vel Total (m/s)	1.43	Avg. Vel. (m/s)		1.43	
Max Chl Dpth (m)	0.54	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	104.7	Conv. (m3/s)		104.7	
Length Wtd. (m)	50.00	Wetted Per. (m)		57.01	
Min Ch El (m)	18.63	Shear (N/m2)		54.06	
Alpha	1.00	Stream Power (N/m s)		77.28	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		9.05	
C & E Loss (m)	0.03	Cum SA (1000 m2)		19.96	

Plan: AnPo River 3 Reach 3 RS: 335 Profile: T25 anni - Post

E.G. Elev (m)	19.14	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	19.03	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.03	Flow Area (m2)		5.86	
E.G. Slope (m/m)	0.026763	Area (m2)		5.86	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	28.02	Top Width (m)		28.02	
Vel Total (m/s)	1.44	Avg. Vel. (m/s)		1.44	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	51.6	Conv. (m3/s)		51.6	
Length Wtd. (m)	50.00	Wetted Per. (m)		28.07	
Min Ch El (m)	18.63	Shear (N/m2)		54.82	
Alpha	1.00	Stream Power (N/m s)		78.92	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		8.48	
C & E Loss (m)	0.03	Cum SA (1000 m2)		17.31	

Plan: AnPo River 3 Reach 3 RS: 335 Profile: T50 anni - Post

E.G. Elev (m)	19.20	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	19.09	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.09	Flow Area (m2)		7.51	
E.G. Slope (m/m)	0.026188	Area (m2)		7.51	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	33.33	Top Width (m)		33.33	
Vel Total (m/s)	1.50	Avg. Vel. (m/s)		1.50	
Max Chl Dpth (m)	0.46	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	69.4	Conv. (m3/s)		69.4	
Length Wtd. (m)	50.00	Wetted Per. (m)		33.39	
Min Ch El (m)	18.63	Shear (N/m2)		57.74	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		66.36	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		7.39	
C & E Loss (m)	0.03	Cum SA (1000 m2)		18.23	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T100 anni - Post

E.G. Elev (m)	19.23	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	19.14	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.14	Flow Area (m2)		10.22	
E.G. Slope (m/m)	0.027186	Area (m2)		10.22	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	52.24	Top Width (m)		52.24	
Vel Total (m/s)	1.39	Avg. Vel. (m/s)		1.39	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.20	
Conv. Total (m3/s)	86.0	Conv. (m3/s)		86.0	
Length Wtd. (m)	50.00	Wetted Per. (m)		52.32	
Min Ch El (m)	18.63	Shear (N/m2)		52.07	
Alpha	1.00	Stream Power (N/m s)		72.26	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		8.14	
C & E Loss (m)	0.03	Cum SA (1000 m2)		19.47	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T200 anni - Post

E.G. Elev (m)	19.27	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	19.17	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.17	Flow Area (m2)		12.04	
E.G. Slope (m/m)	0.029356	Area (m2)		12.04	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	57.30	Top Width (m)		57.30	
Vel Total (m/s)	1.43	Avg. Vel. (m/s)		1.43	
Max Chl Dpth (m)	0.54	Hydr. Depth (m)		0.21	
Conv. Total (m3/s)	106.3	Conv. (m3/s)		106.3	
Length Wtd. (m)	50.00	Wetted Per. (m)		57.38	
Min Ch El (m)	18.63	Shear (N/m2)		54.24	
Alpha	1.00	Stream Power (N/m s)		77.74	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		9.13	
C & E Loss (m)	0.03	Cum SA (1000 m2)		20.00	

Plan: AnPo River 3 Reach 3 RS: 338 Profile: T500 anni - Post

E.G. Elev (m)	19.32	Element	Left OB	Channel	Right OB
Vel Head (m)	0.11	Wt. n-Val.		0.040	
W.S. Elev (m)	19.21	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	19.21	Flow Area (m2)		14.33	
E.G. Slope (m/m)	0.025698	Area (m2)		14.33	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	62.62	Top Width (m)		62.62	
Vel Total (m/s)	1.50	Avg. Vel. (m/s)		1.50	
Max Chl Dpth (m)	0.58	Hydr. Depth (m)		0.23	
Conv. Total (m3/s)	133.9	Conv. (m3/s)		133.9	
Length Wtd. (m)	50.00	Wetted Per. (m)		62.71	
Min Ch El (m)	18.63	Shear (N/m2)		57.60	
Alpha	1.00	Stream Power (N/m s)		86.28	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		10.56	
C & E Loss (m)	0.03	Cum SA (1000 m2)		20.72	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T25 anni - Ante

E.G. Elev (m)	18.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.76	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.43	Flow Area (m2)		27.71	
E.G. Slope (m/m)	0.000352	Area (m2)		27.71	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	86.08	Top Width (m)		86.08	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	325.2	Conv. (m3/s)		325.2	
Length Wtd. (m)	52.00	Wetted Per. (m)		86.15	
Min Ch El (m)	18.12	Shear (N/m2)		1.11	
Alpha	1.00	Stream Power (N/m s)		0.24	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		4.97	
C & E Loss (m)	0.00	Cum SA (1000 m2)		13.76	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T50 anni - Ante

E.G. Elev (m)	18.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.81	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.48	Flow Area (m2)		30.24	
E.G. Slope (m/m)	0.000510	Area (m2)		30.24	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	88.04	Top Width (m)		88.04	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	370.5	Conv. (m3/s)		370.5	
Length Wtd. (m)	52.00	Wetted Per. (m)		88.12	
Min Ch El (m)	18.12	Shear (N/m2)		1.72	
Alpha	1.00	Stream Power (N/m s)		0.48	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		5.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		14.40	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T100 anni - Ante

E.G. Elev (m)	18.85	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.85	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.52	Flow Area (m2)		33.48	
E.G. Slope (m/m)	0.000624	Area (m2)		33.48	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	89.79	Top Width (m)		89.79	
Vel Total (m/s)	0.32	Avg. Vel. (m/s)		0.32	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	433.4	Conv. (m3/s)		433.4	
Length Wtd. (m)	52.00	Wetted Per. (m)		89.88	
Min Ch El (m)	18.12	Shear (N/m2)		2.28	
Alpha	1.00	Stream Power (N/m s)		0.74	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		6.24	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.00	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T200 anni - Ante

E.G. Elev (m)	18.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.89	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.58	Flow Area (m2)		37.24	
E.G. Slope (m/m)	0.000681	Area (m2)		37.24	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T200 anni - Ante (Continued)

Top Width (m)	90.66	Top Width (m)		90.66	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.77	Hydr. Depth (m)		0.41	
Conv. Total (m3/s)	514.1	Conv. (m3/s)		514.1	
Length Wtd. (m)	52.00	Wetted Per. (m)		90.75	
Min Ch El (m)	18.12	Shear (N/m2)		2.74	
Alpha	1.00	Stream Power (N/m s)		0.99	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		6.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.83	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T500 anni - Ante

E.G. Elev (m)	18.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.95	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.58	Flow Area (m2)		42.97	
E.G. Slope (m/m)	0.000690	Area (m2)		42.97	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	91.75	Top Width (m)		91.75	
Vel Total (m/s)	0.40	Avg. Vel. (m/s)		0.40	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.47	
Conv. Total (m3/s)	647.3	Conv. (m3/s)		647.3	
Length Wtd. (m)	52.00	Wetted Per. (m)		91.86	
Min Ch El (m)	18.12	Shear (N/m2)		3.17	
Alpha	1.00	Stream Power (N/m s)		1.25	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		7.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.24	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T25 anni - Post

E.G. Elev (m)	18.81	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.81	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.49	Flow Area (m2)		30.32	
E.G. Slope (m/m)	0.000514	Area (m2)		30.32	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	88.11	Top Width (m)		88.11	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	0.69	Hydr. Depth (m)		0.34	
Conv. Total (m3/s)	372.1	Conv. (m3/s)		372.1	
Length Wtd. (m)	52.00	Wetted Per. (m)		88.19	
Min Ch El (m)	18.12	Shear (N/m2)		1.73	
Alpha	1.00	Stream Power (N/m s)		0.48	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		5.58	
C & E Loss (m)	0.00	Cum SA (1000 m2)		14.41	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T50 anni - Post

E.G. Elev (m)	18.86	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.85	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.53	Flow Area (m2)		34.06	
E.G. Slope (m/m)	0.000636	Area (m2)		34.06	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	89.94	Top Width (m)		89.94	
Vel Total (m/s)	0.33	Avg. Vel. (m/s)		0.33	
Max Chl Dpth (m)	0.73	Hydr. Depth (m)		0.38	
Conv. Total (m3/s)	445.3	Conv. (m3/s)		445.3	
Length Wtd. (m)	52.00	Wetted Per. (m)		90.03	
Min Ch El (m)	18.12	Shear (N/m2)		2.36	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.78	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		8.35	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.15	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T100 anni - Post

E.G. Elev (m)	18.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.90	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.56	Flow Area (m2)		38.41	
E.G. Slope (m/m)	0.000689	Area (m2)		38.41	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	90.88	Top Width (m)		90.88	
Vel Total (m/s)	0.37	Avg. Vel. (m/s)		0.37	
Max Chl Dpth (m)	0.78	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	540.3	Conv. (m3/s)		540.3	
Length Wtd. (m)	52.00	Wetted Per. (m)		90.98	
Min Ch El (m)	18.12	Shear (N/m2)		2.85	
Alpha	1.00	Stream Power (N/m s)		1.05	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		6.93	
C & E Loss (m)	0.00	Cum SA (1000 m2)		15.89	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T200 anni - Post

E.G. Elev (m)	18.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.96	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.58	Flow Area (m2)		43.39	
E.G. Slope (m/m)	0.000689	Area (m2)		43.39	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	91.83	Top Width (m)		91.83	
Vel Total (m/s)	0.40	Avg. Vel. (m/s)		0.40	
Max Chl Dpth (m)	0.83	Hydr. Depth (m)		0.47	
Conv. Total (m3/s)	657.6	Conv. (m3/s)		657.6	
Length Wtd. (m)	52.00	Wetted Per. (m)		91.94	
Min Ch El (m)	18.12	Shear (N/m2)		3.19	
Alpha	1.00	Stream Power (N/m s)		1.27	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		7.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.27	

Plan: AnPo River 3 Reach 3 RS: 288 Profile: T500 anni - Post

E.G. Elev (m)	19.04	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	19.03	Reach Len. (m)	52.00	52.00	52.00
Crit W.S. (m)	18.62	Flow Area (m2)		50.71	
E.G. Slope (m/m)	0.000654	Area (m2)		50.71	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	94.01	Top Width (m)		94.01	
Vel Total (m/s)	0.42	Avg. Vel. (m/s)		0.42	
Max Chl Dpth (m)	0.91	Hydr. Depth (m)		0.54	
Conv. Total (m3/s)	839.3	Conv. (m3/s)		839.3	
Length Wtd. (m)	52.00	Wetted Per. (m)		94.14	
Min Ch El (m)	18.12	Shear (N/m2)		3.46	
Alpha	1.00	Stream Power (N/m s)		1.46	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		8.93	
C & E Loss (m)	0.00	Cum SA (1000 m2)		16.60	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T25 anni - Ante

E.G. Elev (m)	18.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.77	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.21	Flow Area (m2)		43.83	
E.G. Slope (m/m)	0.000106	Area (m2)		43.83	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	110.42	Top Width (m)		110.42	
Vel Total (m/s)	0.14	Avg. Vel. (m/s)		0.14	
Max Chl Dpth (m)	0.86	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	591.3	Conv. (m3/s)		591.3	
Length Wtd. (m)	47.70	Wetted Per. (m)		110.61	
Min Ch El (m)	17.91	Shear (N/m2)		0.41	
Alpha	1.00	Stream Power (N/m s)		0.06	
Frctn Loss (m)	0.01	Cum Volume (1000 m3)		3.11	
C & E Loss (m)	0.00	Cum SA (1000 m2)		8.66	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T50 anni - Ante

E.G. Elev (m)	18.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.80	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.24	Flow Area (m2)		46.59	
E.G. Slope (m/m)	0.000145	Area (m2)		46.59	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	111.39	Top Width (m)		111.39	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	650.7	Conv. (m3/s)		650.7	
Length Wtd. (m)	47.70	Wetted Per. (m)		111.58	
Min Ch El (m)	17.91	Shear (N/m2)		0.68	
Alpha	1.00	Stream Power (N/m s)		0.12	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		3.56	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.22	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T100 anni - Ante

E.G. Elev (m)	18.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.83	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.28	Flow Area (m2)		50.28	
E.G. Slope (m/m)	0.000222	Area (m2)		50.28	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	114.25	Top Width (m)		114.25	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.92	Hydr. Depth (m)		0.44	
Conv. Total (m3/s)	726.5	Conv. (m3/s)		726.5	
Length Wtd. (m)	47.70	Wetted Per. (m)		114.45	
Min Ch El (m)	17.91	Shear (N/m2)		0.96	
Alpha	1.00	Stream Power (N/m s)		0.21	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		4.06	
C & E Loss (m)	0.01	Cum SA (1000 m2)		9.77	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T200 anni - Ante

E.G. Elev (m)	18.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.87	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.32	Flow Area (m2)		54.82	
E.G. Slope (m/m)	0.000263	Area (m2)		54.82	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T200 anni - Ante (Continued)

Top Width (m)	116.54	Top Width (m)		116.54	
Vel Total (m/s)	0.24	Avg. Vel. (m/s)		0.24	
Max Chl Dpth (m)	0.96	Hydr. Depth (m)		0.47	
Conv. Total (m3/s)	828.1	Conv. (m3/s)		828.1	
Length Wtd. (m)	47.70	Wetted Per. (m)		116.75	
Min Ch El (m)	17.91	Shear (N/m2)		1.21	
Alpha	1.00	Stream Power (N/m s)		0.30	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		4.34	
C & E Loss (m)	0.01	Cum SA (1000 m2)		10.44	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T500 anni - Ante

E.G. Elev (m)	18.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.93	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.36	Flow Area (m2)		62.14	
E.G. Slope (m/m)	0.000288	Area (m2)		62.14	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	119.80	Top Width (m)		119.80	
Vel Total (m/s)	0.27	Avg. Vel. (m/s)		0.27	
Max Chl Dpth (m)	1.02	Hydr. Depth (m)		0.52	
Conv. Total (m3/s)	1001.7	Conv. (m3/s)		1001.7	
Length Wtd. (m)	47.70	Wetted Per. (m)		120.01	
Min Ch El (m)	17.91	Shear (N/m2)		1.46	
Alpha	1.00	Stream Power (N/m s)		0.40	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		4.95	
C & E Loss (m)	0.01	Cum SA (1000 m2)		10.74	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T25 anni - Post

E.G. Elev (m)	18.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.80	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.25	Flow Area (m2)		46.68	
E.G. Slope (m/m)	0.000167	Area (m2)		46.68	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	111.42	Top Width (m)		111.42	
Vel Total (m/s)	0.18	Avg. Vel. (m/s)		0.18	
Max Chl Dpth (m)	0.89	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	652.7	Conv. (m3/s)		652.7	
Length Wtd. (m)	47.70	Wetted Per. (m)		111.61	
Min Ch El (m)	17.91	Shear (N/m2)		0.69	
Alpha	1.00	Stream Power (N/m s)		0.12	
Frctn Loss (m)	0.02	Cum Volume (1000 m3)		3.57	
C & E Loss (m)	0.00	Cum SA (1000 m2)		9.22	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T50 anni - Post

E.G. Elev (m)	18.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.84	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.29	Flow Area (m2)		50.96	
E.G. Slope (m/m)	0.000230	Area (m2)		50.96	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	114.72	Top Width (m)		114.72	
Vel Total (m/s)	0.22	Avg. Vel. (m/s)		0.22	
Max Chl Dpth (m)	0.93	Hydr. Depth (m)		0.44	
Conv. Total (m3/s)	740.9	Conv. (m3/s)		740.9	
Length Wtd. (m)	47.70	Wetted Per. (m)		114.93	
Min Ch El (m)	17.91	Shear (N/m2)		1.00	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		0.22	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		4.14	
C & E Loss (m)	0.01	Cum SA (1000 m2)		9.82	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T100 anni - Post

E.G. Elev (m)	18.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.88	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.33	Flow Area (m2)		56.29	
E.G. Slope (m/m)	0.000270	Area (m2)		56.29	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	117.06	Top Width (m)		117.06	
Vel Total (m/s)	0.25	Avg. Vel. (m/s)		0.25	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.48	
Conv. Total (m3/s)	862.6	Conv. (m3/s)		862.6	
Length Wtd. (m)	47.70	Wetted Per. (m)		117.27	
Min Ch El (m)	17.91	Shear (N/m2)		1.27	
Alpha	1.00	Stream Power (N/m s)		0.32	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		4.47	
C & E Loss (m)	0.01	Cum SA (1000 m2)		10.48	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T200 anni - Post

E.G. Elev (m)	18.94	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	18.94	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.37	Flow Area (m2)		62.70	
E.G. Slope (m/m)	0.000289	Area (m2)		62.70	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	119.98	Top Width (m)		119.98	
Vel Total (m/s)	0.28	Avg. Vel. (m/s)		0.28	
Max Chl Dpth (m)	1.03	Hydr. Depth (m)		0.52	
Conv. Total (m3/s)	1015.7	Conv. (m3/s)		1015.7	
Length Wtd. (m)	47.70	Wetted Per. (m)		120.19	
Min Ch El (m)	17.91	Shear (N/m2)		1.48	
Alpha	1.00	Stream Power (N/m s)		0.41	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		4.99	
C & E Loss (m)	0.01	Cum SA (1000 m2)		10.76	

Plan: AnPo River 3 Reach 3 RS: 235 Profile: T500 anni - Post

E.G. Elev (m)	19.02	Element	Left OB	Channel	Right OB
Vel Head (m)	0.00	Wt. n-Val.		0.040	
W.S. Elev (m)	19.01	Reach Len. (m)	47.70	47.70	47.70
Crit W.S. (m)	18.40	Flow Area (m2)		72.42	
E.G. Slope (m/m)	0.000292	Area (m2)		72.42	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	125.03	Top Width (m)		125.03	
Vel Total (m/s)	0.30	Avg. Vel. (m/s)		0.30	
Max Chl Dpth (m)	1.10	Hydr. Depth (m)		0.58	
Conv. Total (m3/s)	1256.6	Conv. (m3/s)		1256.6	
Length Wtd. (m)	47.70	Wetted Per. (m)		125.25	
Min Ch El (m)	17.91	Shear (N/m2)		1.66	
Alpha	1.00	Stream Power (N/m s)		0.49	
Frctn Loss (m)	0.04	Cum Volume (1000 m3)		5.73	
C & E Loss (m)	0.02	Cum SA (1000 m2)		11.11	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T25 anni - Ante

E.G. Elev (m)	18.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.002335	Area (m2)		10.34	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	0.59	Avg. Vel. (m/s)		0.59	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		7.82	
Alpha	1.00	Stream Power (N/m s)		4.61	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		1.82	
C & E Loss (m)	0.00	Cum SA (1000 m2)		5.31	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T50 anni - Ante

E.G. Elev (m)	18.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.004398	Area (m2)		10.34	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	0.81	Avg. Vel. (m/s)		0.81	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		14.72	
Alpha	1.00	Stream Power (N/m s)		11.92	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		2.20	
C & E Loss (m)	0.01	Cum SA (1000 m2)		5.85	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T100 anni - Ante

E.G. Elev (m)	18.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.007364	Area (m2)		10.34	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		24.65	
Alpha	1.00	Stream Power (N/m s)		25.82	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		2.62	
C & E Loss (m)	0.01	Cum SA (1000 m2)		6.34	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T200 anni - Ante

E.G. Elev (m)	18.83	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.011308	Area (m2)		10.34	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T200 anni - Ante (Continued)

Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	1.30	Avg. Vel. (m/s)		1.30	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		37.85	
Alpha	1.00	Stream Power (N/m s)		49.14	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		2.79	
C & E Loss (m)	0.02	Cum SA (1000 m2)		6.95	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T500 anni - Ante

E.G. Elev (m)	18.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.016188	Area (m2)		10.34	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	1.65	Avg. Vel. (m/s)		1.65	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		60.81	
Alpha	1.00	Stream Power (N/m s)		100.06	
Frctn Loss (m)	0.13	Cum Volume (1000 m3)		3.22	
C & E Loss (m)	0.04	Cum SA (1000 m2)		7.17	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T25 anni - Post

E.G. Elev (m)	18.77	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.004472	Area (m2)		10.34	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	0.82	Avg. Vel. (m/s)		0.82	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		14.97	
Alpha	1.00	Stream Power (N/m s)		12.22	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		2.21	
C & E Loss (m)	0.01	Cum SA (1000 m2)		5.85	

Plan: AnPo River 3 Reach 3 RS: 188 Profile: T50 anni - Post

E.G. Elev (m)	18.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.007918	Area (m2)		10.34	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	1.09	Avg. Vel. (m/s)		1.09	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		26.50	

Plan: AnPo River 3 Reach 3 RS: 185 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		28.79	
Froth Loss (m)	0.09	Cum Volume (1000 m3)		2.68	
C & E Loss (m)	0.02	Cum SA (1000 m2)		6.38	

Plan: AnPo River 3 Reach 3 RS: 185 Profile: T100 anni - Post

E.G. Elev (m)	18.84	Element	Left OB	Channel	Right OB
Vel Head (m)	0.10	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.012025	Area (m2)		10.34	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	1.37	Avg. Vel. (m/s)		1.37	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		42.25	
Alpha	1.00	Stream Power (N/m s)		57.97	
Froth Loss (m)	0.13	Cum Volume (1000 m3)		2.88	
C & E Loss (m)	0.03	Cum SA (1000 m2)		6.98	

Plan: AnPo River 3 Reach 3 RS: 185 Profile: T200 anni - Post

E.G. Elev (m)	18.88	Element	Left OB	Channel	Right OB
Vel Head (m)	0.14	Wt. n-Val.		0.040	
W.S. Elev (m)	18.74	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.74	Flow Area (m2)		10.34	
E.G. Slope (m/m)	0.018706	Area (m2)		10.34	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	29.87	Top Width (m)		29.87	
Vel Total (m/s)	1.67	Avg. Vel. (m/s)		1.67	
Max Chl Dpth (m)	0.84	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	126.2	Conv. (m3/s)		126.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.29	
Min Ch El (m)	17.90	Shear (N/m2)		62.61	
Alpha	1.00	Stream Power (N/m s)		104.54	
Froth Loss (m)	0.13	Cum Volume (1000 m3)		3.25	
C & E Loss (m)	0.04	Cum SA (1000 m2)		7.19	

Plan: AnPo River 3 Reach 3 RS: 185 Profile: T500 anni - Post

E.G. Elev (m)	18.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.19	Wt. n-Val.		0.040	
W.S. Elev (m)	18.77	Reach Len. (m)	50.30	50.30	50.30
Crit W.S. (m)	18.77	Flow Area (m2)		11.21	
E.G. Slope (m/m)	0.022470	Area (m2)		11.21	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	30.23	Top Width (m)		30.23	
Vel Total (m/s)	1.92	Avg. Vel. (m/s)		1.92	
Max Chl Dpth (m)	0.87	Hydr. Depth (m)		0.37	
Conv. Total (m3/s)	143.2	Conv. (m3/s)		143.2	
Length Wtd. (m)	50.30	Wetted Per. (m)		30.66	
Min Ch El (m)	17.90	Shear (N/m2)		80.55	
Alpha	1.00	Stream Power (N/m s)		154.32	
Froth Loss (m)	0.13	Cum Volume (1000 m3)		3.74	
C & E Loss (m)	0.05	Cum SA (1000 m2)		7.41	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T25 anni - Ante

E.G. Elev (m)	17.76	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.77	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.49	Flow Area (m2)		17.06	
E.G. Slope (m/m)	0.000960	Area (m2)		17.06	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	53.71	Top Width (m)		53.71	
Vel Total (m/s)	0.36	Avg. Vel. (m/s)		0.36	
Max Chl Dpth (m)	0.66	Hydr. Depth (m)		0.32	
Conv. Total (m3/s)	197.9	Conv. (m3/s)		197.9	
Length Wtd. (m)	52.30	Wetted Per. (m)		53.97	
Min Ch El (m)	16.89	Shear (N/m2)		2.94	
Alpha	1.00	Stream Power (N/m s)		1.06	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		1.13	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.21	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T50 anni - Ante

E.G. Elev (m)	17.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.86	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.53	Flow Area (m2)		22.11	
E.G. Slope (m/m)	0.000933	Area (m2)		22.11	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	63.03	Top Width (m)		63.03	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	274.1	Conv. (m3/s)		274.1	
Length Wtd. (m)	52.30	Wetted Per. (m)		63.34	
Min Ch El (m)	16.89	Shear (N/m2)		3.19	
Alpha	1.00	Stream Power (N/m s)		1.21	
Frctn Loss (m)	0.07	Cum Volume (1000 m3)		1.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.51	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T100 anni - Ante

E.G. Elev (m)	17.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.95	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.57	Flow Area (m2)		28.29	
E.G. Slope (m/m)	0.000836	Area (m2)		28.29	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	71.09	Top Width (m)		71.09	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	1.06	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	381.4	Conv. (m3/s)		381.4	
Length Wtd. (m)	52.30	Wetted Per. (m)		71.45	
Min Ch El (m)	16.89	Shear (N/m2)		3.13	
Alpha	1.00	Stream Power (N/m s)		1.20	
Frctn Loss (m)	0.08	Cum Volume (1000 m3)		1.65	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.60	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T200 anni - Ante

E.G. Elev (m)	17.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.96	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.60	Flow Area (m2)		28.88	
E.G. Slope (m/m)	0.001166	Area (m2)		28.88	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T200 anni - Ante (Continued)

Top Width (m)	71.53	Top Width (m)		71.53	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	1.07	Hydr. Depth (m)		0.40	
Conv. Total (m3/s)	393.0	Conv. (m3/s)		393.0	
Length Wtd. (m)	52.30	Wetted Per. (m)		71.89	
Min Ch El (m)	16.89	Shear (N/m2)		4.59	
Alpha	1.00	Stream Power (N/m s)		2.13	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		1.80	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.40	

Plan: AnPo River 3 Reach 3 RS: 135 Profile: T500 anni - Ante

E.G. Elev (m)	18.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.05	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.84	Flow Area (m2)		35.31	
E.G. Slope (m/m)	0.001004	Area (m2)		35.31	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	74.04	Top Width (m)		74.04	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	1.16	Hydr. Depth (m)		0.48	
Conv. Total (m3/s)	536.9	Conv. (m3/s)		536.9	
Length Wtd. (m)	52.30	Wetted Per. (m)		74.45	
Min Ch El (m)	16.89	Shear (N/m2)		4.67	
Alpha	1.00	Stream Power (N/m s)		2.25	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		2.07	
C & E Loss (m)	0.01	Cum SA (1000 m2)		4.56	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T25 anni - Post

E.G. Elev (m)	17.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.86	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.54	Flow Area (m2)		22.30	
E.G. Slope (m/m)	0.000923	Area (m2)		22.30	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	63.11	Top Width (m)		63.11	
Vel Total (m/s)	0.38	Avg. Vel. (m/s)		0.38	
Max Chl Dpth (m)	0.97	Hydr. Depth (m)		0.35	
Conv. Total (m3/s)	277.8	Conv. (m3/s)		277.8	
Length Wtd. (m)	52.30	Wetted Per. (m)		63.42	
Min Ch El (m)	16.89	Shear (N/m2)		3.18	
Alpha	1.00	Stream Power (N/m s)		1.20	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		1.39	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.51	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T50 anni - Post

E.G. Elev (m)	17.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.97	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.58	Flow Area (m2)		29.13	
E.G. Slope (m/m)	0.000795	Area (m2)		29.13	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	71.63	Top Width (m)		71.63	
Vel Total (m/s)	0.39	Avg. Vel. (m/s)		0.39	
Max Chl Dpth (m)	1.08	Hydr. Depth (m)		0.41	
Conv. Total (m3/s)	368.3	Conv. (m3/s)		368.3	
Length Wtd. (m)	52.30	Wetted Per. (m)		71.99	
Min Ch El (m)	16.89	Shear (N/m2)		3.15	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		1.22	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		1.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.82	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T100 anni - Post

E.G. Elev (m)	17.99	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	17.98	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.61	Flow Area (m2)		30.21	
E.G. Slope (m/m)	0.001131	Area (m2)		30.21	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	72.06	Top Width (m)		72.06	
Vel Total (m/s)	0.47	Avg. Vel. (m/s)		0.47	
Max Chl Dpth (m)	1.09	Hydr. Depth (m)		0.42	
Conv. Total (m3/s)	421.6	Conv. (m3/s)		421.6	
Length Wtd. (m)	52.30	Wetted Per. (m)		72.43	
Min Ch El (m)	16.89	Shear (N/m2)		4.63	
Alpha	1.00	Stream Power (N/m s)		2.17	
Frctn Loss (m)	0.10	Cum Volume (1000 m3)		1.86	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.42	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T200 anni - Post

E.G. Elev (m)	18.07	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.06	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.64	Flow Area (m2)		35.74	
E.G. Slope (m/m)	0.000996	Area (m2)		35.74	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	74.22	Top Width (m)		74.22	
Vel Total (m/s)	0.48	Avg. Vel. (m/s)		0.48	
Max Chl Dpth (m)	1.17	Hydr. Depth (m)		0.48	
Conv. Total (m3/s)	546.9	Conv. (m3/s)		546.9	
Length Wtd. (m)	52.30	Wetted Per. (m)		74.63	
Min Ch El (m)	16.89	Shear (N/m2)		4.68	
Alpha	1.00	Stream Power (N/m s)		2.26	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		2.09	
C & E Loss (m)	0.01	Cum SA (1000 m2)		4.57	

Plan: AnPo River 3 Reach 3 RS: 138 Profile: T500 anni - Post

E.G. Elev (m)	18.16	Element	Left OB	Channel	Right OB
Vel Head (m)	0.01	Wt. n-Val.		0.040	
W.S. Elev (m)	18.14	Reach Len. (m)	52.30	52.30	52.30
Crit W.S. (m)	17.69	Flow Area (m2)		42.21	
E.G. Slope (m/m)	0.000917	Area (m2)		42.21	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	76.24	Top Width (m)		76.24	
Vel Total (m/s)	0.51	Avg. Vel. (m/s)		0.51	
Max Chl Dpth (m)	1.25	Hydr. Depth (m)		0.55	
Conv. Total (m3/s)	706.9	Conv. (m3/s)		706.9	
Length Wtd. (m)	52.30	Wetted Per. (m)		76.68	
Min Ch El (m)	16.89	Shear (N/m2)		4.96	
Alpha	1.00	Stream Power (N/m s)		2.52	
Frctn Loss (m)	0.09	Cum Volume (1000 m3)		2.39	
C & E Loss (m)	0.01	Cum SA (1000 m2)		4.73	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T25 anni - Ante

E.G. Elev (m)	17.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	17.70	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.17	Flow Area (m2)		10.49	
E.G. Slope (m/m)	0.001502	Area (m2)		10.49	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	22.21	Top Width (m)		22.21	
Vel Total (m/s)	0.58	Avg. Vel. (m/s)		0.58	
Max Chl Dpth (m)	1.15	Hydr. Depth (m)		0.47	
Conv. Total (m3/s)	157.4	Conv. (m3/s)		157.4	
Length Wtd. (m)	50.00	Wetted Per. (m)		22.57	
Min Ch El (m)	16.55	Shear (N/m2)		6.85	
Alpha	1.00	Stream Power (N/m s)		3.98	
Frctn Loss (m)	0.17	Cum Volume (1000 m3)		0.41	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.22	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T50 anni - Ante

E.G. Elev (m)	17.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	17.78	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.29	Flow Area (m2)		12.20	
E.G. Slope (m/m)	0.001757	Area (m2)		12.20	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	22.64	Top Width (m)		22.64	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.23	Hydr. Depth (m)		0.54	
Conv. Total (m3/s)	199.7	Conv. (m3/s)		199.7	
Length Wtd. (m)	50.00	Wetted Per. (m)		23.03	
Min Ch El (m)	16.55	Shear (N/m2)		9.13	
Alpha	1.00	Stream Power (N/m s)		6.26	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		0.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.27	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T100 anni - Ante

E.G. Elev (m)	17.90	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	17.87	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.46	Flow Area (m2)		14.30	
E.G. Slope (m/m)	0.001884	Area (m2)		14.30	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	24.21	Top Width (m)		24.21	
Vel Total (m/s)	0.76	Avg. Vel. (m/s)		0.76	
Max Chl Dpth (m)	1.32	Hydr. Depth (m)		0.59	
Conv. Total (m3/s)	248.8	Conv. (m3/s)		248.8	
Length Wtd. (m)	50.00	Wetted Per. (m)		24.62	
Min Ch El (m)	16.55	Shear (N/m2)		10.79	
Alpha	1.00	Stream Power (N/m s)		8.17	
Frctn Loss (m)	0.23	Cum Volume (1000 m3)		0.53	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.30	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T200 anni - Ante

E.G. Elev (m)	17.87	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	17.82	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.58	Flow Area (m2)		13.08	
E.G. Slope (m/m)	0.003626	Area (m2)		13.08	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T200 anni - Ante (Continued)

Top Width (m)	22.86	Top Width (m)		22.86	
Vel Total (m/s)	1.03	Avg. Vel. (m/s)		1.03	
Max Chl Dpth (m)	1.27	Hydr. Depth (m)		0.57	
Conv. Total (m3/s)	222.9	Conv. (m3/s)		222.9	
Length Wtd. (m)	50.00	Wetted Per. (m)		23.28	
Min Ch El (m)	16.55	Shear (N/m2)		20.00	
Alpha	1.00	Stream Power (N/m s)		20.51	
Frctn Loss (m)	0.34	Cum Volume (1000 m3)		0.70	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.93	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T500 anni - Ante

E.G. Elev (m)	17.96	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	17.90	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.62	Flow Area (m2)		15.02	
E.G. Slope (m/m)	0.004082	Area (m2)		15.02	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	24.75	Top Width (m)		24.75	
Vel Total (m/s)	1.13	Avg. Vel. (m/s)		1.13	
Max Chl Dpth (m)	1.35	Hydr. Depth (m)		0.61	
Conv. Total (m3/s)	266.3	Conv. (m3/s)		266.3	
Length Wtd. (m)	50.00	Wetted Per. (m)		25.17	
Min Ch El (m)	16.55	Shear (N/m2)		23.89	
Alpha	1.00	Stream Power (N/m s)		27.05	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.75	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.98	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T25 anni - Post

E.G. Elev (m)	17.80	Element	Left OB	Channel	Right OB
Vel Head (m)	0.02	Wt. n-Val.		0.040	
W.S. Elev (m)	17.78	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.30	Flow Area (m2)		12.28	
E.G. Slope (m/m)	0.001751	Area (m2)		12.28	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	22.66	Top Width (m)		22.66	
Vel Total (m/s)	0.69	Avg. Vel. (m/s)		0.69	
Max Chl Dpth (m)	1.23	Hydr. Depth (m)		0.54	
Conv. Total (m3/s)	201.7	Conv. (m3/s)		201.7	
Length Wtd. (m)	50.00	Wetted Per. (m)		23.05	
Min Ch El (m)	16.55	Shear (N/m2)		9.15	
Alpha	1.00	Stream Power (N/m s)		6.29	
Frctn Loss (m)	0.19	Cum Volume (1000 m3)		0.49	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.27	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T50 anni - Post

E.G. Elev (m)	17.91	Element	Left OB	Channel	Right OB
Vel Head (m)	0.03	Wt. n-Val.		0.040	
W.S. Elev (m)	17.88	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.47	Flow Area (m2)		14.56	
E.G. Slope (m/m)	0.001940	Area (m2)		14.56	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	24.40	Top Width (m)		24.40	
Vel Total (m/s)	0.77	Avg. Vel. (m/s)		0.77	
Max Chl Dpth (m)	1.33	Hydr. Depth (m)		0.60	
Conv. Total (m3/s)	255.0	Conv. (m3/s)		255.0	
Length Wtd. (m)	50.00	Wetted Per. (m)		24.82	
Min Ch El (m)	16.55	Shear (N/m2)		11.16	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		8.61	
Frctn Loss (m)	0.24	Cum Volume (1000 m3)		0.54	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.31	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T100 anni - Post

E.G. Elev (m)	17.89	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	17.83	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.57	Flow Area (m2)		13.47	
E.G. Slope (m/m)	0.003693	Area (m2)		13.47	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	22.96	Top Width (m)		22.96	
Vel Total (m/s)	1.05	Avg. Vel. (m/s)		1.05	
Max Chl Dpth (m)	1.28	Hydr. Depth (m)		0.59	
Conv. Total (m3/s)	233.3	Conv. (m3/s)		233.3	
Length Wtd. (m)	50.00	Wetted Per. (m)		23.36	
Min Ch El (m)	16.55	Shear (N/m2)		20.88	
Alpha	1.00	Stream Power (N/m s)		21.98	
Frctn Loss (m)	0.26	Cum Volume (1000 m3)		0.71	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.90	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T200 anni - Post

E.G. Elev (m)	17.97	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	17.90	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.62	Flow Area (m2)		15.15	
E.G. Slope (m/m)	0.004104	Area (m2)		15.15	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	24.85	Top Width (m)		24.85	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	1.35	Hydr. Depth (m)		0.61	
Conv. Total (m3/s)	269.4	Conv. (m3/s)		269.4	
Length Wtd. (m)	50.00	Wetted Per. (m)		25.27	
Min Ch El (m)	16.55	Shear (N/m2)		24.13	
Alpha	1.00	Stream Power (N/m s)		27.49	
Frctn Loss (m)	0.32	Cum Volume (1000 m3)		0.76	
C & E Loss (m)	0.00	Cum SA (1000 m2)		1.98	

Plan: AnPo River 3 Reach 3 RS: 86 Profile: T500 anni - Post

E.G. Elev (m)	18.06	Element	Left OB	Channel	Right OB
Vel Head (m)	0.08	Wt. n-Val.		0.040	
W.S. Elev (m)	17.98	Reach Len. (m)	50.00	50.00	50.00
Crit W.S. (m)	17.68	Flow Area (m2)		17.01	
E.G. Slope (m/m)	0.004610	Area (m2)		17.01	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	26.08	Top Width (m)		26.08	
Vel Total (m/s)	1.26	Avg. Vel. (m/s)		1.26	
Max Chl Dpth (m)	1.43	Hydr. Depth (m)		0.65	
Conv. Total (m3/s)	316.2	Conv. (m3/s)		316.2	
Length Wtd. (m)	50.00	Wetted Per. (m)		26.52	
Min Ch El (m)	16.55	Shear (N/m2)		28.99	
Alpha	1.00	Stream Power (N/m s)		36.60	
Frctn Loss (m)	0.38	Cum Volume (1000 m3)		0.85	
C & E Loss (m)	0.00	Cum SA (1000 m2)		2.05	

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T25 anni - Ante

E.G. Elev (m)	17.55	Element	Left OB	Channel	Right OB
Vel Head (m)	0.05	Wt. n-Val.		0.040	
W.S. Elev (m)	17.49	Reach Len. (m)			
Crit W.S. (m)	17.44	Flow Area (m2)		5.88	
E.G. Slope (m/m)	0.013002	Area (m2)		5.88	
Q Total (m3/s)	6.10	Flow (m3/s)		6.10	
Top Width (m)	26.68	Top Width (m)		26.68	
Vel Total (m/s)	1.04	Avg. Vel. (m/s)		1.04	
Max Chl Dpth (m)	0.39	Hydr. Depth (m)		0.22	
Conv. Total (m3/s)	53.5	Conv. (m3/s)		53.5	
Length Wtd. (m)		Wetted Per. (m)		26.75	
Min Ch El (m)	17.10	Shear (N/m2)		28.01	
Alpha	1.00	Stream Power (N/m s)		29.08	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T50 anni - Ante

E.G. Elev (m)	17.61	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	17.54	Reach Len. (m)			
Crit W.S. (m)	17.49	Flow Area (m2)		7.26	
E.G. Slope (m/m)	0.013001	Area (m2)		7.26	
Q Total (m3/s)	8.37	Flow (m3/s)		8.37	
Top Width (m)	28.17	Top Width (m)		28.17	
Vel Total (m/s)	1.15	Avg. Vel. (m/s)		1.15	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	73.4	Conv. (m3/s)		73.4	
Length Wtd. (m)		Wetted Per. (m)		28.24	
Min Ch El (m)	17.10	Shear (N/m2)		32.78	
Alpha	1.00	Stream Power (N/m s)		37.78	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T100 anni - Ante

E.G. Elev (m)	17.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.12	Wt. n-Val.		0.040	
W.S. Elev (m)	17.53	Reach Len. (m)			
Crit W.S. (m)	17.53	Flow Area (m2)		6.96	
E.G. Slope (m/m)	0.024803	Area (m2)		6.96	
Q Total (m3/s)	10.83	Flow (m3/s)		10.83	
Top Width (m)	27.96	Top Width (m)		27.96	
Vel Total (m/s)	1.56	Avg. Vel. (m/s)		1.56	
Max Chl Dpth (m)	0.43	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	68.8	Conv. (m3/s)		68.8	
Length Wtd. (m)		Wetted Per. (m)		28.03	
Min Ch El (m)	17.10	Shear (N/m2)		60.41	
Alpha	1.00	Stream Power (N/m s)		83.99	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T200 anni - Ante

E.G. Elev (m)	17.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	17.58	Reach Len. (m)			
Crit W.S. (m)	17.58	Flow Area (m2)		15.11	
E.G. Slope (m/m)	0.005971	Area (m2)		15.11	
Q Total (m3/s)	13.42	Flow (m3/s)		13.42	

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T200 anni - Ante (Continued)

Top Width (m)	54.34	Top Width (m)		54.34	
Vel Total (m/s)	0.89	Avg. Vel. (m/s)		0.89	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	160.7	Conv. (m3/s)		160.7	
Length Wtd. (m)		Wetted Per. (m)		54.44	
Min Ch El (m)	17.10	Shear (N/m2)		18.97	
Alpha	1.00	Stream Power (N/m s)		16.85	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T500 anni - Ante

E.G. Elev (m)	17.64	Element	Left OB	Channel	Right OB
Vel Head (m)	0.06	Wt. n-Val.		0.040	
W.S. Elev (m)	17.58	Reach Len. (m)			
Crit W.S. (m)	17.58	Flow Area (m2)		15.11	
E.G. Slope (m/m)	0.011204	Area (m2)		15.11	
Q Total (m3/s)	17.01	Flow (m3/s)		17.01	
Top Width (m)	54.33	Top Width (m)		54.33	
Vel Total (m/s)	1.13	Avg. Vel. (m/s)		1.13	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	160.7	Conv. (m3/s)		160.7	
Length Wtd. (m)		Wetted Per. (m)		54.44	
Min Ch El (m)	17.10	Shear (N/m2)		30.49	
Alpha	1.00	Stream Power (N/m s)		34.33	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T25 anni - Post

E.G. Elev (m)	17.61	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	17.54	Reach Len. (m)			
Crit W.S. (m)	17.49	Flow Area (m2)		7.30	
E.G. Slope (m/m)	0.013001	Area (m2)		7.30	
Q Total (m3/s)	8.44	Flow (m3/s)		8.44	
Top Width (m)	28.20	Top Width (m)		28.20	
Vel Total (m/s)	1.16	Avg. Vel. (m/s)		1.16	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.26	
Conv. Total (m3/s)	74.0	Conv. (m3/s)		74.0	
Length Wtd. (m)		Wetted Per. (m)		28.27	
Min Ch El (m)	17.10	Shear (N/m2)		32.92	
Alpha	1.00	Stream Power (N/m s)		38.06	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T50 anni - Post

E.G. Elev (m)	17.66	Element	Left OB	Channel	Right OB
Vel Head (m)	0.13	Wt. n-Val.		0.040	
W.S. Elev (m)	17.54	Reach Len. (m)			
Crit W.S. (m)	17.54	Flow Area (m2)		7.13	
E.G. Slope (m/m)	0.024729	Area (m2)		7.13	
Q Total (m3/s)	11.23	Flow (m3/s)		11.23	
Top Width (m)	28.08	Top Width (m)		28.08	
Vel Total (m/s)	1.57	Avg. Vel. (m/s)		1.57	
Max Chl Dpth (m)	0.44	Hydr. Depth (m)		0.25	
Conv. Total (m3/s)	71.4	Conv. (m3/s)		71.4	
Length Wtd. (m)		Wetted Per. (m)		28.15	
Min Ch El (m)	17.10	Shear (N/m2)		61.45	

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T50 anni - Post (Continued)

Alpha	1.00	Stream Power (N/m s)		98.74	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T100 anni - Post

E.G. Elev (m)	17.62	Element	Left OB	Channel	Right OB
Vel Head (m)	0.04	Wt. n-Val.		0.040	
W.S. Elev (m)	17.58	Reach Len. (m)			
Crit W.S. (m)	17.58	Flow Area (m2)		15.11	
E.G. Slope (m/m)	0.007784	Area (m2)		15.11	
Q Total (m3/s)	14.18	Flow (m3/s)		14.18	
Top Width (m)	54.33	Top Width (m)		54.33	
Vel Total (m/s)	0.94	Avg. Vel. (m/s)		0.94	
Max Chl Dpth (m)	0.40	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	160.7	Conv. (m3/s)		160.7	
Length Wtd. (m)		Wetted Per. (m)		54.44	
Min Ch El (m)	17.10	Shear (N/m2)		21.18	
Alpha	1.00	Stream Power (N/m s)		19.88	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T200 anni - Post

E.G. Elev (m)	17.65	Element	Left OB	Channel	Right OB
Vel Head (m)	0.07	Wt. n-Val.		0.040	
W.S. Elev (m)	17.58	Reach Len. (m)			
Crit W.S. (m)	17.58	Flow Area (m2)		15.11	
E.G. Slope (m/m)	0.011536	Area (m2)		15.11	
Q Total (m3/s)	17.26	Flow (m3/s)		17.26	
Top Width (m)	54.33	Top Width (m)		54.33	
Vel Total (m/s)	1.14	Avg. Vel. (m/s)		1.14	
Max Chl Dpth (m)	0.48	Hydr. Depth (m)		0.28	
Conv. Total (m3/s)	160.7	Conv. (m3/s)		160.7	
Length Wtd. (m)		Wetted Per. (m)		54.44	
Min Ch El (m)	17.10	Shear (N/m2)		31.39	
Alpha	1.00	Stream Power (N/m s)		35.87	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: AnPo River 3 Reach 3 RS: 36 Profile: T500 anni - Post

E.G. Elev (m)	17.69	Element	Left OB	Channel	Right OB
Vel Head (m)	0.09	Wt. n-Val.		0.040	
W.S. Elev (m)	17.61	Reach Len. (m)			
Crit W.S. (m)	17.58	Flow Area (m2)		16.82	
E.G. Slope (m/m)	0.013011	Area (m2)		16.82	
Q Total (m3/s)	21.47	Flow (m3/s)		21.47	
Top Width (m)	56.06	Top Width (m)		56.06	
Vel Total (m/s)	1.28	Avg. Vel. (m/s)		1.28	
Max Chl Dpth (m)	0.51	Hydr. Depth (m)		0.30	
Conv. Total (m3/s)	188.2	Conv. (m3/s)		188.2	
Length Wtd. (m)		Wetted Per. (m)		56.17	
Min Ch El (m)	17.10	Shear (N/m2)		38.21	
Alpha	1.00	Stream Power (N/m s)		48.77	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

CONCLUSIONI

Ai fini della redazione della presente relazione è stato fatto un accurato sopralluogo al fine di individuare i punti di intersezione del lotto con il reticolo idrografico. In particolare, vi è una intersezione con due tratti del reticolo idrografico di ordine gerarchico 1, secondo il metodo di Horton-Strahler. Tali tratti del reticolo idrografico fa parte del sottobacino del "Coghinas - Mannu - Temo". Vi è inoltre un terzo tratto di reticolo (identificato in seguito come Bacino 3 o B3) identificato sulla base del Modello Digitale di elevazione del Terreno (DTM) con celle 1 metro x 1 metro reso disponibile dalla Regione Sardegna per la fascia costiera, e confermato nel rilievo a maggiore risoluzione, con celle 20 cm x 20 cm, realizzato per l'area d'intervento.

Per tali punti è stata prevista una modellazione di dettaglio che ha previsto dapprima uno studio idrologico volto alla determinazione delle portate al colmo di piena per tempo di ritorno di 25, 50, 100, 200 e 500 anni. Infine, si è proceduto alla modellazione Idraulica volta a definire l'eventualità di esondazioni di entità rilevante a seguito di eventi meteorici per i diversi tempi di ritorno.

Il tutto è stato fatto nelle condizioni ANTE-OPERAM e POST-OPERAM. La differenza tra i due scenari sta nella stima del Curve Number medio ponderato sui bacini idrografici. Tale parametro va ad incidere sulle portate al colmo di piena e quindi sui risultati della modellazione idraulica. In particolare, per la condizione ANTE-OPERAM si è considerata la situazione esistente, mentre per il POST-OPERAM si è considerato, per tutte le aree ricadenti all'interno dell'area di intervento un Curve Number pari a 95, ad indicare una superficie pressochè impermeabile, come riportato nelle LINEE GUIDA E INDIRIZZI OPERATIVI PER L'ATTUAZIONE DEL PRINCIPIO DELLA INVARIANZA IDRAULICA (articolo 47 delle NTA del PAI).

Va comunque evidenziato che mentre i River 1 e 2 fanno parte del reticolo idrografico, il River 3 non fa parte del reticolo ma è stato comunque modellato per i diversi tempi di ritorno.

Va altresi evidenziato che, come analizzato nel Capitolo 1 della presente relazione, è stato assunto come tempo di ritorno di riferimento 100 anni.

La modellazione ha evidenziato come gli eventi di piena comportano la formazione di ampie zone caratterizzate da una presenza di velocità superiori a 0.3 m/s e/o tiranti superiori a 0.25 m, che sono state opportunamente perimetrate (si vedano le tavole seguenti). Tali aree sono state escluse dalle installazioni dell'impianto.

Va tuttavia evidenziato che tutte le zone al di fuori di quelle perimetrate, all'interno dell'area oggetto di studio e per T = 100 anni nella condizione POST – OPERAM, sono ritenute compatibili da un punto di vista idraulico.

Sono inoltre state escluse dalle installazioni dell'impianto le aree verdi indicate nel Capitolo 1.5.

Studio idrologico - *planimetria tiranti*

LEGENDA

Perimetrazione aree

Planimetria tiranti - T 100 anni - Post Operam

Tiranti > 0.25 m

Studio idrologico - *planimetria velocità*

LEGENDA

Perimetrazione aree

Planimetria velocità - T 100 anni - Post Operam

Velocità > 0.3 m/s

Studio idrologico - *planimetria unione (tiranti + velocità)*

LEGENDA

Perimetrazione aree

Planimetria Unione - T 100 anni - Post Operam

Aree con tiranti > 0.25 m e velocità > 0.3 m/s

Allegato A

Nota a supporto dello studio idrologico – idraulico in merito alla Invarianza Idraulica
Regione Sardegna – Riepilogo Quadro Normativo Vigente

ENI Porto Torres – Area Sud FV

Nota a supporto dello studio idrologico – idraulico in merito alla Invarianza Idraulica Regione Sardegna – Riepilogo Quadro Normativo Vigente

Si riporta nel seguito una sintesi del quadro normativo di riferimento vigente nella Regione Sardegna in materia di invarianza idraulica utile a delineare le competenze e gli indirizzi operativi sulla materia stessa, a supporto dello studio idrologico e idraulico eseguito, dagli scriventi, per il sito di interesse.

Nello specifico si riportano:

- stralcio integrale dell'art. 47 (Invarianza Idraulica) delle NTA del Piano Stralcio per l'Assetto Idrogeologico (PAI) approvato con Delib. G.R. n. 43/2 del 27.08.2020 (Direzione generale agenzia regionale del distretto idrografico della Sardegna);

- stralcio delle linee guida e indirizzi operativi per l'attuazione del principio della invarianza idraulica;

- stralcio del PGRA – Secondo Ciclo di Pianificazione (Deliberazione del Comitato Istituzionale n. 14 del 21/12/2021 - AUTORITA' DI BACINO REGIONALE DELLA SARDEGNA).

La materia è attualmente regolamentata dall'art.47 delle NTA del vigente PAI. Come indicato in tale articolo:

- la competenza, e ogni indirizzo e misura attuativa correlati, in materia di invarianza idraulica risulta in capo agli Enti Locali.
- In particolare l'ambito di applicazione delle disposizioni previste è specificatamente riferito ai piani e ai programmi.
- I Comuni in sede di redazione degli strumenti urbanistici generali o di loro varianti generali e in sede di redazione degli strumenti attuativi, stabiliscono che le trasformazioni dell'uso del suolo rispettino il principio di invarianza idraulica, definendo e individuando, all'interno degli stessi strumenti urbanistici generali, le infrastrutture necessarie per soddisfare il principio della invarianza idraulica e disciplinando le modalità per il suo conseguimento. In accordo agli strumenti attuativi di cui alle lettere alle lettere a), b), c), d), dell'articolo 21 della Legge Regionale 22 dicembre 1989, n. 45, i Comuni redigono gli studi finalizzati al rispetto del principio dell'invarianza idraulica.

Di seguito si riporta il testo integrale del suddetto articolo 47:

ARTICOLO 47 Invarianza Idraulica

1. Per invarianza idraulica si intende il principio in base al quale le portate di deflusso meteorico scaricate dalle aree urbanizzate nei recettori naturali o artificiali di valle non sono maggiori di quelle preesistenti all'urbanizzazione.

2. **I comuni in sede di redazione degli strumenti urbanistici generali o di loro varianti generali** e in sede di redazione degli strumenti urbanistici attuativi, **stabiliscono che le trasformazioni dell'uso del suolo rispettino il principio dell'invarianza idraulica**.

3. **Gli strumenti urbanistici generali ed attuativi individuano e definiscono le infrastrutture necessarie per soddisfare il principio dell'invarianza idraulica** per gli ambiti di nuova trasformazione e disciplinano le modalità per il suo conseguimento, **anche mediante la realizzazione di vasche di laminazione**.

4. Sono fatte salve eventuali normative già adottate dai comuni per l'applicazione del principio dell'invarianza idraulica.

5. La Regione approva normative specifiche con l'obiettivo di incentivare il perseguimento del principio della invarianza idraulica anche per i contesti edificati esistenti.

6.91 Gli studi redatti in attuazione dei precedenti commi sono approvati dal Comune competente per territorio che è tenuto, inoltre, a vigilare sull'effettiva attuazione degli interventi atti a garantire il rispetto del principio dell'invarianza idraulica a seguito della trasformazione dei luoghi.

7.92 I Comuni redigono gli studi finalizzati al rispetto del principio dell'invarianza idraulica in riferimento agli strumenti attuativi di cui alle lettere a), b), c), d), dell'articolo 21 della Legge Regionale 22 dicembre 1989, n. 45, con esclusione dei piani particolareggiati dei centri di antica e prima formazione e dei piani attuativi che interessano parti di territorio classificate come zone A o B ai sensi del D.A. 22 dicembre 1983 n. 2266/U e con esclusione dei piani attuativi già adottati definitivamente con deliberazione del Consiglio Comunale alla data del 23.11.2016.

Considerazioni in merito allo strumento urbanistico generale del Comune di Porto Torres

Lo strumento urbanistico generale del Comune di Porto Torres (P.R.G.C), nelle Norme Tecniche di Attuazione, non prevede delle specifiche prescrizioni sulla materia. Anche nello studio di compatibilità idraulica (approvato con deliberazione n.18 del 04.02.2020 dalla AdB Sardegna), redatto ai sensi delle NTA del PAI, sull'intero territorio comunale dallo stesso Comune, non si rilevano specifiche norme tecniche di attuazione indirizzate alle opere e ai singoli interventi progettuali.

Considerazioni in merito all'Autorità di Bacino Regionale della Sardegna

Premesso che non risultano agli atti ulteriori Regolamenti Regionali specifici sulla materia, l'Autorità di Bacino Regionale della Sardegna ha approvato con deliberazione n.2 del 17.05.2017 il documento '*Linee guida e indirizzi operativi per l'attuazione del principio della invarianza idraulica (art. 47 – NTA PAI*)'.
In tale documento viene evidenziato e ulteriormente esplicitato che l'ambito di applicazione del principio di invarianza idraulica è relativo ai piani e programmi. Inoltre viene chiarito che per una corretta applicazione del principio gli indirizzi attuativi e operativi delle misure da adottare (secondo le linee guida stesse) devono interessare la superficie territoriale complessiva della zona urbanistica omogenea, in modo da dimensionare e predisporre un corretto assetto territoriale per tali ambiti (indipendentemente dai singoli piani attuativi e dalle relative superfici parziali):

"*Alla luce del citato articolo 47 risulta necessario fornire delle indicazioni operative in merito alla concreta attuazione del principio dell'invarianza idraulica* ***al fine di indirizzare e supportare la redazione degli strumenti attuativi di pianificazione locale o altri strumenti di analoga valenza****, con contenuti differenziati in relazione alla superficie totale territoriale interessata.*
Nel caso di ambiti di trasformazione identificati dagli strumenti urbanistici generali (PUC), occorre che, in fase successiva di pianificazione attuativa, la applicazione delle metodologie indicate nelle presenti Linee Guida venga condotta per la superficie territoriale complessiva della zona urbanistica omogenea, in modo da dimensionare e predisporre un corretto assetto territoriale per tali ambiti, indipendentemente dai singoli piani attuativi e dalle relative superfici parziali*."*

Tale aspetto attuativo è ulteriormente chiarito al par. 2 delle Linee Guida:
"*Una prima suddivisione della classe degli interventi di trasformazione territoriale da attribuire riguarda le* ***superfici territoriali interessate dagli strumenti attuativi di pianificazione locale o altri strumenti di analoga valenza****.* ***In particolare bisogna far riferimento alla superficie totale territoriale interessata dall'intero comparto in trasformazione e non solamente al singolo lotto****."*

Nelle stesse Linee Guida si specifica inoltre che:
"l'applicazione del citato articolo 47 delle NTA del PAI e delle relative Linee Guida, *indipendentemente dal fatto che l'intervento di trasformazione territoriale sia ricompreso o meno in aree di*

pericolosità PAI, ***è obbligatoria per tutti gli strumenti attuativi*** *di cui alle lettere a) b) c) d) dbis) dell'articolo 21 della Legge Regionale 22 dicembre 1989, n. 45, con esclusione dei piani particolareggiati dei centri di antica e prima formazione identificati dal PPR e con esclusione dei piani attuativi già adottati definitivamente con deliberazione del Consiglio Comunale alla data del23.11.2016." … "Lo scopo, ovviamente, è quello di verificare che la realizzazione degli interventi di trasformazione territoriale,* ***come detto piani attuativi e altri strumenti di analoga valenza****, permettano di mantenere invariate le caratteristiche di risposta idraulica del bacino oggetto dell'intervento."*

Considerazioni in merito al PGRA

Il PGRA – Secondo ciclo di pianificazione (allegato Deliberazione del Comitato Istituzionale n. 14 del 21/12/2021 - AUTORITA' DI BACINO REGIONALE DELLA SARDEGNA) rinvia agli stessi sopra citati art. 47 delle NTA del PAI e alle Linee Guida:

"Con riferimento alle previsioni dell'art. 47 delle NA del PAI, al fine di fornire indicazioni operative in merito al recepimento del principio dell'invarianza idraulica negli strumenti attuativi di pianificazione locale o altri strumenti di analoga valenza, con Deliberazioni del Comitato Istituzionale n.2 del 23/11/2016 e del 15/05/2017, sono state approvate le "Linee guida e indirizzi operativi per l'attuazione del principio della invarianza idraulica".

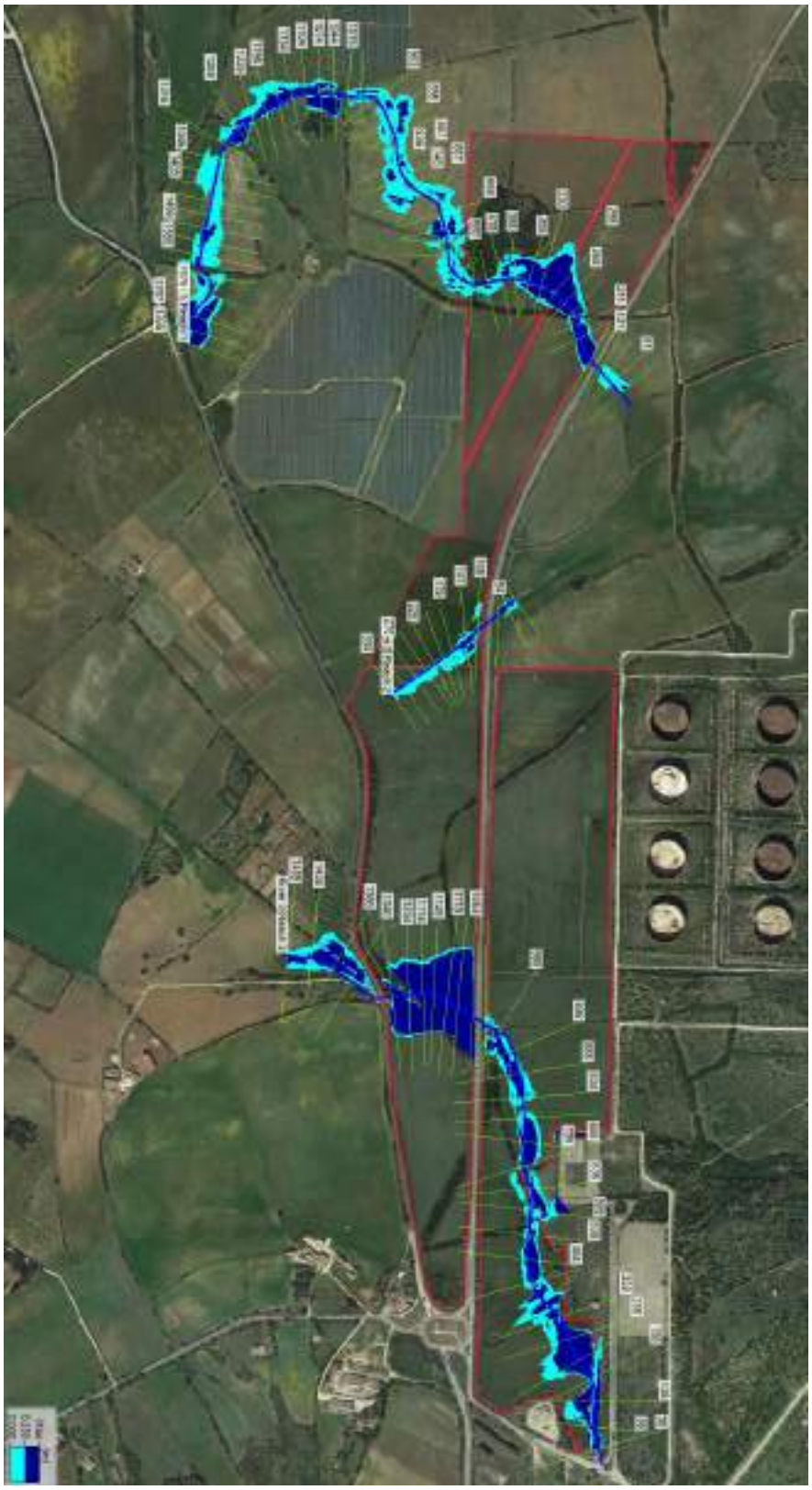
Richiami allo studio idrologico-idraulico ed ulteriori considerazioni sugli aspetti normativi

Alla luce di quanto riepilogato, non si ravvisano obblighi normativi circa la previsione di interventi di compensazione idraulica da attuare sui singoli interventi progettuali, come quello di interesse, per rispettare il principio di invarianza idraulica. Inoltre, come illustrato, la corretta predisposizione di misure compensative per il raggiungimento del principio della invarianza idraulica dovrebbe essere eseguita alla scala della pianificazione di settore comunale.

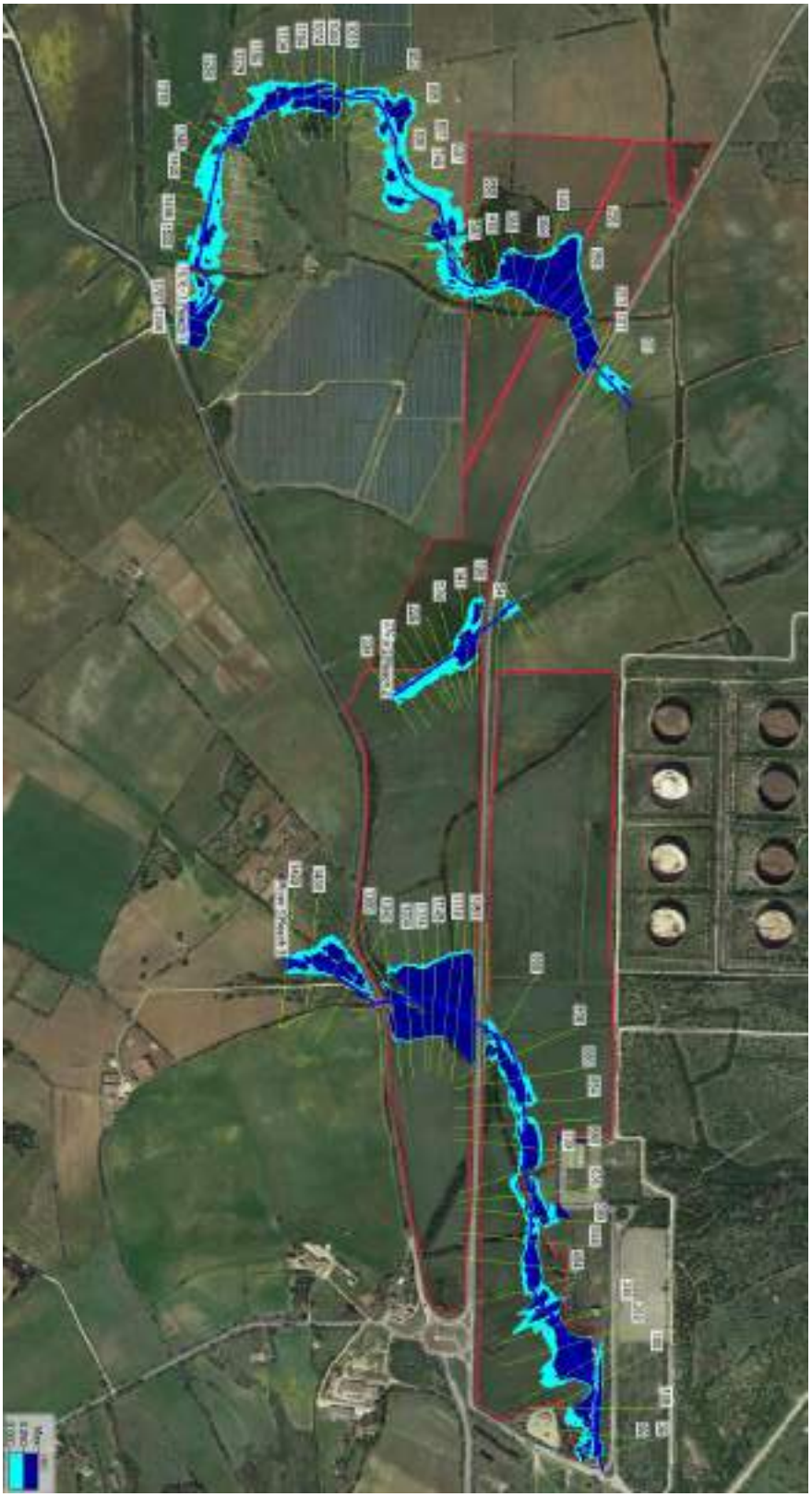
In particolare, si ritiene che lo studio di compatibilità idrologica ed idraulica eseguito sia conforme agli strumenti normativi vigenti e sufficiente a dimostrare che l'intervento in progetto non costituisce un fattore di incremento del livello della pericolosità e del rischio idraulico del territorio di interesse**.**

Va altresì evidenziato che tale studio è stato condotto a notevole vantaggio di sicurezza. In particolare, per la condizione post-operam, si è considerato per tutte le aree ricadenti all'interno dell'area di intervento un valore del parametro Curve Number pari a 95, corrispondente ad una superficie pressoché impermeabile.

Come mostrato nelle seguenti planimetrie (cfr. Relazione Idrologica-Idraulica) la perimetrazione delle aree inondabili, con riferimento ad un evento di piena di 100 anni, non subisce sostanziali variazioni negli scenari di analisi ante e post–operam.



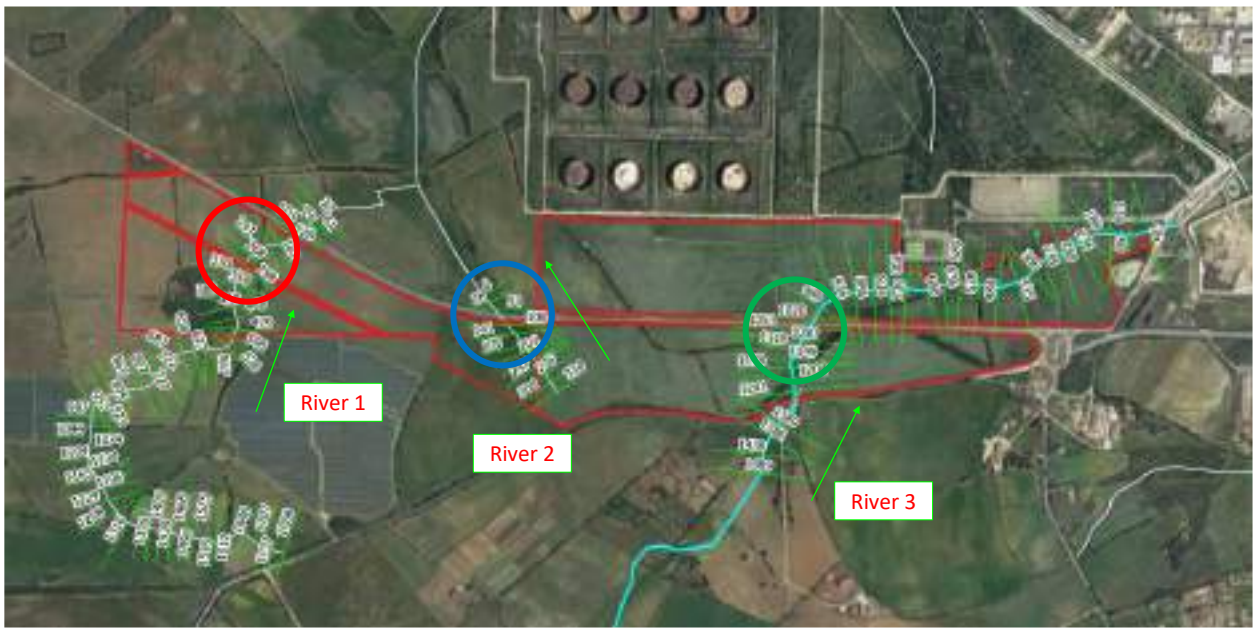
*Planimetria tiranti – **T = 100 anni – Ante Operam** – azzurro h < 0.25 m – blu > 0.25 m*



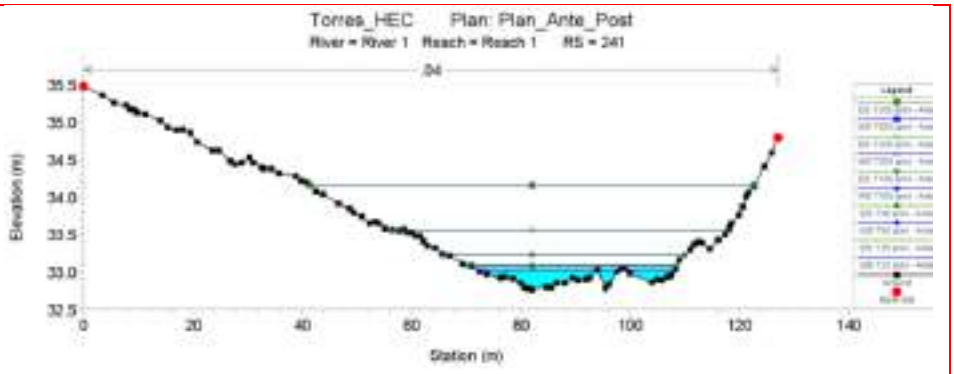
*Planimetria tiranti – **T = 100 anni – Post Operam** – azzurro h < 0.25 m – blu > 0.25 m*

*Sovrapposizione perimetrazioni aree inondabili - **T = 100 anni** – Ante Operam (verde) – Post Operam (blu).*

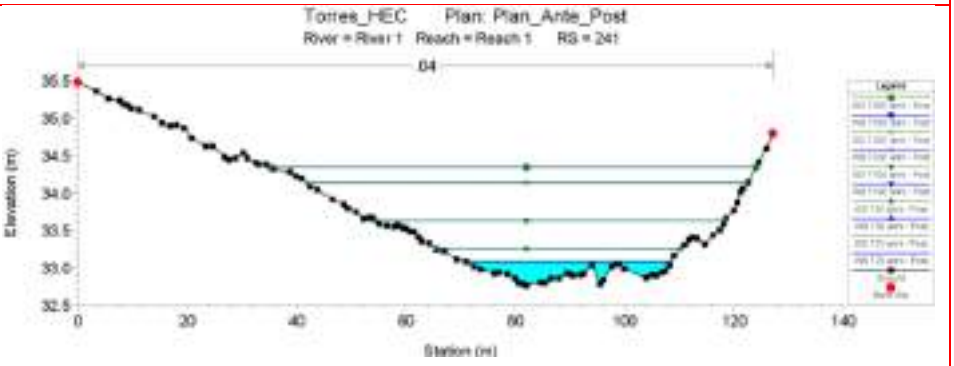
Di seguito si riportano inoltre delle sezioni rappresentative di ciascun tratto di reticolo investigato, nelle condizioni ante e post-operam. Da tali sezioni si evidenzia come, sebbene nel post-operam si abbia un incremento dei tiranti, non si evidenziano esondazioni nel passaggio dall'ante al post-operam.



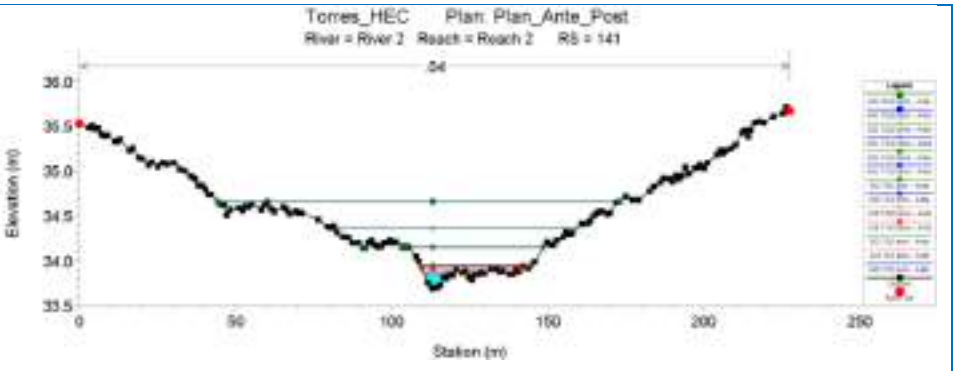
Schematizzazione dei tre tratti di reticolo. Le frecce verdi indicano la direzione del moto per i tre tratti di reticolo.



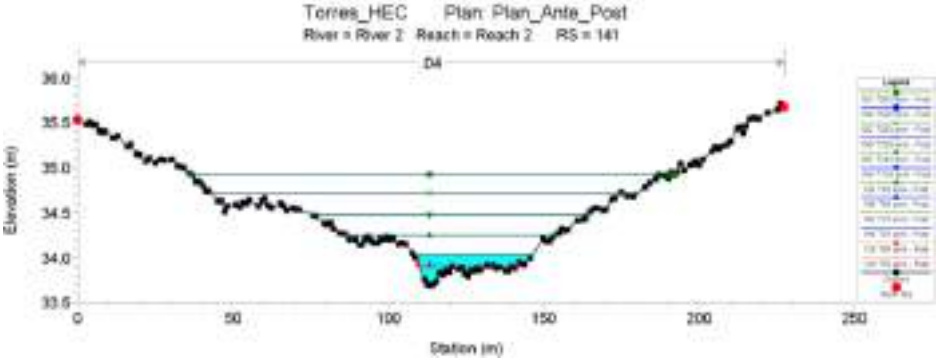
River 1 - Sezione 241 – Ante-operam



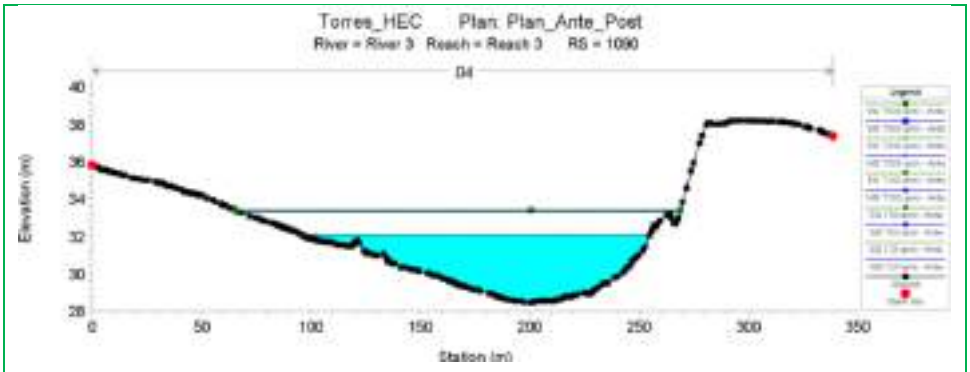
River 1 - Sezione 241 – Post-operam



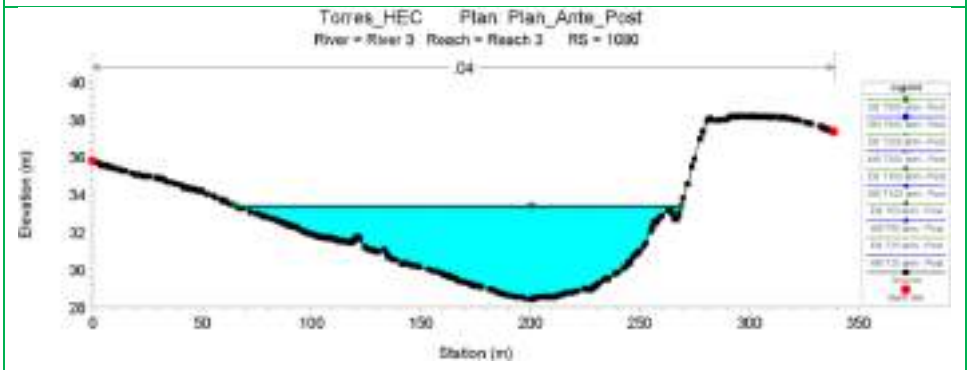
River 2 - Sezione 141 – Ante-operam



River 2 - Sezione 141 – Post-operam



River 3 - Sezione 1090 – Ante-operam



River 3 - Sezione 1090 – Post-operam