

HUTT RIVER FLOOD DAMAGE

-EVENT OF 2 OCTOBER 2000

LOCATION	DAMAGE	WORK REQUIRED	EST. COST
Rocklines and Groynes at Block Road, Belmont, Nash Street, Pomare, Manor Park, and River Road	Gaps in rocklines or damage to groynes	Use 1200 tonne stockpile rock to patch. (\$8000 already allowed.)	\$10,927
Melling Berms, Avalon, Belmont Houses, Pomare rail bridge, Whakatiki.	Willow lines and vulnerable bank edges under threat from strong crossovers or large beaches constricting the channel.	Crossblade	\$45,523
Berms and Tracks	General debris and surface damage	Clean up debris. Re-metal and grade tracks.	\$18,947
Croft Grove	Bank edge has slumped over 15 metres. Hydrology telemetry pole at risk	Place A rock	\$4,985
Block Road	Rockline slumping. Topsoil stripped. Damage to carpark.	Re-soil. Repair carpark	\$4,528
Owen Street	Crossblading cover lost. Block groynes exposed. Site now more vulnerable.	Expedite proposed works. Replace lost berm	\$7,200
Above Mary Huse	Erosion threatening stopbank	Reform bank edge and construct conc. Block grid	\$37,770
Maoribank below bend	Bank edge erosion 300 metres long.	Crossblade site (100 hrs) then rockline at 15t/m over 150 metres this year. (Total cost \$153,000. \$60,000 already budgeted for this site)	\$93,000
Bridge Road	WRC works performed very well. Slump above works at 67 is threatening garage.	Owners responsibility	\$0
Rock Stockpiles	Use of stockpile rock to repair damaged rocklines and groynes	Replace stockpile rock. (900t @ \$45 = \$40,500. \$18,000 already budgeted)	\$22,500
TOTAL			\$245,380

OTAKI RIVER FLOOD DAMAGE

-EVENT OF 2 OCTOBER 2000

LOCATION	DAMAGE	WORK REQUIRED	EST. COST
Katihuku	Erosion into Ferry reserve including 75 metres of stopbank lost.	Re-align river mouth, reconstruct stopbank and berm. Topsoil and grass.	\$43,240
Batching Plant Left Bank	Now 450 metres of bank edge erosion. Only limited willow vegetation remaining.	Crossblade and divert river to secure site until permanent works can proceed.	\$26,000
Left Bank below bridges	Bank edge erosion over 240 metres	Crossblading only at this stage	\$30,600
Stresscrete	Slumping of new rock lining	Top up and reshape rock lining as required	\$10,700
Chrystals	Scour damage behind rock extension. Berm behind eroded, and debris fences damaged	Top up and reshape rockline as required. 1000 tonne. Repair fences, refill berm, and install concrete block mattress.	\$45,000
Hughes	Bank edge erosion threatening haul road	Retreat haul road over 240 metres	\$6,800
Woods/Lutz	River alignment	Strip vegetation to improve alignment	\$7,800
Upper and Lower Mansells	River alignment putting pressure on vulnerable bank edges	Strip beaches, crossblade, and willow planting to correct alignment.	\$16,800
TOTAL			\$186,940

WAIKANAE RIVER FLOOD DAMAGE

-EVENT OF 2 OCTOBER 2000

LOCATION	DAMAGE	WORK REQUIRED	EST. COST
Pukekaws Reserve	Flood damage to carpark and Chillingworth footpath.	Clear drain, remetall carpark surface, and reinstate footpath.	\$4,200
Maple lane	Damage to existing rock groynes. River also outflanked groynes.	Repair/reshape groynes as appropriate. Construct two debris fences and plant willows	\$2,000
Kebbells	River outflanked existing rockline and grade control weir.	Widen grade control and key into bank. Raise height of existing rockline. Crossblade gravels to fill misaligned channel. Plant willows	\$61,000
Edgewater Park	Minor slumping of rockline. Planting damaged	Top up rockline. 20 tonne. Replant willow poles.	\$1,400
Dicon	River alignment too constricted, and putting pressure on right bank.	Remove vegetation, retreat left bank, and reshape channel. Shorten existing debris fences.	\$5,600
Sunny Glen	Three rock groynes damaged	Repair groynes with 250t of rock. Install debris fences between groynes and plant with willows.	\$23,050
TOTAL			\$97,250

WAITOHU STREAM FLOOD DAMAGE

EVENT OF 2 OCTOBER 2000

Waitohu Stream	General bank erosion and loss of plantings	Crossblade as required and m-establish plantings	\$25,000
TOTAL			\$25,000