2007/8 capital works programme - details of expected changes

Projects where scope has been reduced \$ 0,000 Wain/edu aquifer monitoring wells 90,000 Wain/outmatz Water Treatment Plant cladding 14,000 Emergency pumping station, Whitehead Road, Karori (Birdwood Street pipeline) 127,000 Ampla 200,000 441,000 Projects deferred #*** Projects deferred 15,000 441,000 Upper Hutl aquifer 180,000 200,000 395,000 Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted \$ 0,000 105,000 System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 Projects where costs are expected to be reduced \$ 7 Total 7 Total expected savings 7 Total Additional costs December Forecast \$ 7 Total 7 Total expected savings 1 Total Waterioo Water Treatment Plant - replace equipment 66,389 7 Total Upgrade distribution system for future demand (recommissioning Ornogrorongo to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Watertoo, Wainuiomata and Te Marua Water Treatment Plants -	Savings	December forecast	
Wainuiomata Water Treatment Plant cladding 14,000 Te Marua sodium hypochlorite plant 10,000 Emergency pumping station, Whitehead Road, Karori (Birdwood Street pipelline) 127,000 Ampla 200,000 441,000 Projects deferred 15,000 441,000 Waterloo lightning protection 15,000 395,000 Upper Hutt aquifer 180,000 200,000 395,000 Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted 105,000 105,000 System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 Projects where costs are expected to be reduced 701 701 Total expected savings December Forecast Projects where scope has increased \$ Total Waterloo Water Treatment Plant - replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo 15,000 Upgrade distribution air valves - Kaltoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment	Projects where scope has been reduced	\$	Total
Tel Marua sodium hypochlorite plant 10,000	Waiwhetu aquifer monitoring wells	90,000	
Emergency pumping station, Whitehead Road, Karori (Birdwood Street pipeline) 127,000 Ampla 200,000 441,000 Projects deferred 441,000 441,000 Waterloo lightning protection 15,000 395,000 Upper Hult aquifer 180,000 395,000 Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted 5 105,000 105,000 System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 701,000 Projects where costs are expected to be reduced \$ 701 401,000 701,000	Wainuiomata Water Treatment Plant cladding	14,000	
Ampla 200,000 441,000 Projects deferred 45,000 45,000 Waterloo lightning protection 15,000 395,000 Central business distric reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted 5,000 105,000 System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 Projects where costs are expected to be reduced 941,000 Additional costs December forecast Projects where scope has increased \$ Total Waterloo Water Treatment Plant - replace equipment 66,389 Gear Island Water Treatment Plant - replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) 15,000 Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump 25,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects	Te Marua sodium hypochlorite plant	10,000	
Projects deferred Waterloo lightning protection 15,000 Upper Hutt aquifer 180,000 Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 Projects where costs are expected to be reduced Total expected savings Projects where scope has increased \$ Total Materian Plant - replace equipment 66,389 Gear Island Water Treatment Plant - replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainusiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points 17,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects Stuart Macaskill Lake 1 apron joint 279,000 279,000 Total additional costs 792,036 Summary \$ Total 70,000	Emergency pumping station, Whitehead Road, Karori (Birdwood Street pipeline)	127,000	
Waterloo lightning protection 15,000 Upper Hutt aquifer 180,000 Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted	Ampla	200,000	441,000
Upper Hutt aquifer 180,000 Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted	Projects deferred		
Central business district reservoir (deferred to 2012 to 2015) 200,000 395,000 Projects delayed to be rebudgeted	Waterloo lightning protection	15,000	
Projects delayed to be rebudgeted 105,000 105,000 System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 Projects where costs are expected to be reduced ————————————————————————————————————	Upper Hutt aquifer	180,000	
System optimisation, stage 2 (deferred to 2009/10) 105,000 105,000 Projects where costs are expected to be reduced ————————————————————————————————————	Central business district reservoir (deferred to 2012 to 2015)	200,000	395,000
Projects where costs are expected to be reduced Total expected savings 941,000 Additional costs December forecast Projects where scope has increased \$ Total Waterloo Water Treatment Plant - replace equipment 66,389 Gear Island Water Treatment Plant - replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) 15,000 Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump 25,000 96,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects Stuart Macaskill Lake 1 apron joint 279,000 279,000 Total additional costs 792,036 Summary \$ Total	Projects delayed to be rebudgeted		
Total expected savings 941,000 Additional costs December Forecast Projects where scope has increased \$ Total Waterloo Water Treatment Plant - replace equipment 66,389 Gear Island Water Treatment Plant - replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) 50,000 Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump 25,000 45,250 Emergency supply points 17,525 72,205 72,205 Te Marua fault movement mitigation 54,000 96,525 96,212 62,122 62,122 62,122 72,000 279,000 279,000 279,000 279,000 279,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003 70,003	System optimisation, stage 2 (deferred to 2009/10)	105,000	105,000
Additional costs Projects where scope has increased Waterloo Water Treatment Plant - replace equipment Gear Island Water Treatment Plant- replace equipment Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system Distribution air valves - Kaitoke to Karori main Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points Te Marua fault movement mitigation Completion of 2007/8 projects Stuart Macaskill Lake 1 apron joint Total additional costs Summary \$ Total Total 2007/8 project savings Total 2007/8 project savings Total 2007/8 net savings Total 2007/8 net savings Total 2007/8 net savings Total 2007/8 net savings Total 105,000	Projects where costs are expected to be reduced		
Projects where scope has increased \$ Total Waterloo Water Treatment Plant - replace equipment 66,389 Gear Island Water Treatment Plant- replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points 17,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects Stuart Macaskill Lake 1 apron joint 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964)	Total expected savings		941,000
Projects where scope has increased \$ Total Waterloo Water Treatment Plant - replace equipment 66,389 Gear Island Water Treatment Plant- replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points 17,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects Stuart Macaskill Lake 1 apron joint 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964)			
Waterloo Water Treatment Plant - replace equipment 13,000 Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system 50,000 Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points 17,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects Stuart Macaskill Lake 1 apron joint 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964)	Additional costs	December	forecast
Gear Island Water Treatment Plant- replace equipment Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system Distribution air valves - Kaitoke to Karori main Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points Te Marua fault movement mitigation Completion of 2007/8 projects Stuart Macaskill Lake 1 apron joint Total additional costs Summary S	Projects where scope has increased	\$	Total
Upgrade distribution system for future demand (recommissioning Orongorongo to Karori main) Te Marua - replace distribution control system Distribution air valves - Kaitoke to Karori main Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points Te Marua fault movement mitigation Completion of 2007/8 projects Stuart Macaskill Lake 1 apron joint Total additional costs Summary \$ Total Total 2007/8 project savings Total 2007/8 additional costs Total 2007/8 net savings Funding to be rebudgeted	Waterloo Water Treatment Plant - replace equipment	66,389	
to Karori main) Te Marua - replace distribution control system Distribution air valves - Kaitoke to Karori main Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points Te Marua fault movement mitigation Completion of 2007/8 projects Stuart Macaskill Lake 1 apron joint Total additional costs Summary Summary Summary Total Total 2007/8 project savings Total 2007/8 additional costs Funding to be rebudgeted 50,000 354,389 210,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 354,389 250,000 364,000 364,000 364,000 364,000 354,389 365,000 366,255 362,122 362	Gear Island Water Treatment Plant- replace equipment	13,000	
Distribution air valves - Kaitoke to Karori main 210,000 354,389 Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points 17,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects Stuart Macaskill Lake 1 apron joint 279,000 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Funding to be rebudgeted 105,000		15,000	
Projects where additional costs are expected or have been incurred Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points Te Marua fault movement mitigation Completion of 2007/8 projects Funding to be rebudgeted Projects where additional costs are expected or have been incurred 25,000 25,000 26,000 26,000 96,525 62,122 62,122 62,122 62,122 62,122 62,122 62,122 79,000 279,000 279,000 70tal additional costs Funding to be rebudgeted 105,000	Te Marua - replace distribution control system	50,000	
Waterloo, Wainuiomata and Te Marua Water Treatment Plants - diesel tank and dispensing pump Emergency supply points Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 Proposed new projects Stuart Macaskill Lake 1 apron joint 70tal additional costs Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 net savings (148,964) Funding to be rebudgeted	Distribution air valves - Kaitoke to Karori main	210,000	354,389
dispensing pump 17,525 Emergency supply points 17,525 Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects 279,000 279,000 Stuart Macaskill Lake 1 apron joint 279,000 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Projects where additional costs are expected or have been incurred		
Te Marua fault movement mitigation 54,000 96,525 Completion of 2007/8 projects 62,122 62,122 Proposed new projects 279,000 279,000 Stuart Macaskill Lake 1 apron joint 279,000 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000		25,000	
Completion of 2007/8 projects 62,122 62,122 Proposed new projects 279,000 279,000 Stuart Macaskill Lake 1 apron joint 279,000 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Emergency supply points	17,525	
Proposed new projects Stuart Macaskill Lake 1 apron joint 279,000 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Te Marua fault movement mitigation	54,000	96,525
Stuart Macaskill Lake 1 apron joint 279,000 279,000 Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Completion of 2007/8 projects	62,122	62,122
Total additional costs 792,036 Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Proposed new projects		
Summary \$ Total Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Stuart Macaskill Lake 1 apron joint	279,000	279,000
Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	Total additional costs		792,036
Total 2007/8 project savings (941,000) Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000			
Total 2007/8 additional costs 792,036 Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000	•	\$	
Total 2007/8 net savings (148,964) Funding to be rebudgeted 105,000			,
Funding to be rebudgeted 105,000			
	Total 2007/8 net savings		(148,964)
Net saving against 2008/9 capital works budget 43,964	Funding to be rebudgeted		105,000
	Net saving against 2008/9 capital works budget		43,964