

Meeting Minutes

Date: Monday, 22 October 2018

Time: 10:00 am

Location: St George Office Boardroom, Mallawa Irrigation

Attendees John Kelly, SunWater Area Operations Manager, Goondiwindi

Andre Retief, SunWater Senior Project Manager, Brisbane (by Phone) Rohan Thorogood, General Manager, Mallawa Irrigation, St George

Bill Kadel, SunWater Storage Supervisor, Beardmore Dam Glen Rogan, Irrigator Advisory Committee (IAC) Chair

Scott Armstrong, IAC Committee Member Bill Knights, IAC Committee Member Rob Jakins, IAC Committee Member Luke Stower, IAC Committee Member David Moon, IAC Committee Member

Apologies: Chad Prescott, Hamish McIntyre

Chair: Glen Rogan Minutes: John Kelly

Item No.	Item	Presenter
1.	Welcome and Introductions	Chair
2.	Apologies	Chair
3.	Review of previous minutes	All
4.	Business arising from previous minutes	All
5.	Water Storage Update	John Kelly
6.	2018 Research & Extension program update	John Kelly
7.	Thuraggi Channel Update	Andre Retief
8.	Budget position – Review scheme expenditure reports	John Kelly
9.	5yr R&E program review	John Kelly
10.	Jack Taylor Weir – Low Level valves	John Kelly
11.	General Business	All

St George Irrigator Advisory Committee Meeting Minutes



Agenda Item 1 - Welcome and Introductions

The Chair opened the meeting at 10am and welcomed the IAC members and thanked them for their time to attend the meeting.

Agenda Item 2 – Apologies

Chad Prescott and Hamish McIntyre

Agenda Item 3 – Review of Previous Minutes

The minutes from the previous meeting were reviewed and agreed were a true and accurate record of discussions.

Agenda Item 4 – Business Arising from Previous Minutes

- 1. With a view to better manage available water when storage levels are low it was discussed that additional reconciliations (every fortnight) should be undertaken when the low levels pumps are installed at Beardmore Dam. This occurs when the dam is at approximately 15,000ML (approx. EL 201.8m). Additional reconciliations should also be undertaken during peak demand periods.
- In December 2017 there was a high positive reconciliation of approximately 7,500ML which was unexpected by customers and caused issues in relation to decision making around water availability. SunWater undertook to investigate the positive reconciliation and advise the reasons for it occurring.

Post Meeting Note: SunWater has investigated the December 2017 reconciliation and can advise as follows. In December 2017 a positive reconciliation of 7,510.36ML was applied to water accounts. In analysing the data (see attachment to the minutes) it is noted that both Moolabah and Buckinbah Weirs were being operated above Full Supply Level (FSL) for part of the time, which has contributed to the positive reconciliation.

Any volumes of water kept above FSL are not counted as part of the Total Conceptual Storage Volume. What happens in this case, is that the Total Conceptual Storage Volume does not decrease as much as the Total Water Account Volume, which includes estimated evaporation and seepage losses and water usage. Conservative estimates for monthly evaporation and storage losses (applied as per the ROL) ensure that the majority of reconciliations are positive.

Since the Total Water Account Volume is based on estimates of storage losses and transmission efficiencies, there is always the potential for a difference in the Conceptual Storage Volume and the Total Water Account Volume. In the case of the December 2017 reconciliation, the Total Conceptual Storage Volume was 35,569.905 ML, however the Total Water Account Volume was only showing as 28,059.273 ML, resulting in a reconciliation of 7,510.630 ML.

 The make up of the IAC was discussed given the linkages with Mallawa Irrigation and the existing Mallawa Board. It was agreed that the IAC would consist of the Mallawa Board members as representation of the channel customers. SunWater advised this was acceptable provided river customers remained duly represented.

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Agenda Item 5 – Water Storage Update

SunWater advised that Beardmore Dam was currently at 48% (approx. 39,216ML) and that a small inflow was occurring at the moment (approx. 1800ML/d). Any inflows received into Department of Natural Resources, Mines & Energy's ES&D account are currently being used to payback allocation holders from the 10% reduction in allocation during the March event.

Agenda Item 6 – 2018 R&E Program Update

SunWater provided an update on the current R&E program. A detailed list of projects, expenditure to date and status are shown as an attachment to the minutes.

Agenda Item 7 - Thuraggi Channel Update

SunWater provided an update on the Thuraggi outlet seepage reduction project. The presentation provided is attached to the minutes. The IAC sort clarification on the proposed 40m extension of the conduit and in particular were keen to ensure that such an increase would not have any impact on the peak flowrate from the dam into the channel. SunWater confirmed that the losses through the extended conduit are minimal and there would be no reduction in the peak flowrate.

SunWater advised the IAC that it would be sending follow up communications with customers on the project (to follow the communication previously sent in July 2018) to ensure customers were aware of the projects' progress and more importantly SunWater will be requesting customers to take any remaining balance of allocation water into on farm storage with a view to having the dam down to 5% prior to the start of construction in mid-January 2019.

The IAC requested SunWater reflect the peak flow rate (water harvesting release of 1700ML/d) through Thuraggi Channel in the dam's Operations & Maintenance Manual to ensure consistency of dam operations. SunWater advised that these flowrates are possible however they do have an impact on the channel in terms of erosion which requires rectification work at the end of the event.

Agenda Item 8 – Budget – Review of Expenditure Reports

SunWater provided an expenditure report for the scheme up to the end of the first quarter (30 Sept 2018). This report is provided as an attachment to the minutes. Routine operations are well under budget while over expenditure in preventative maintenance is offset by under expenditure in corrective maintenance, (SunWater noted that there may be some administrative errors in posting of costs between preventative and corrective works) however overall operating expenses remain below budget whilst revenue too remains slightly below budget.

Agenda Item 9 - 5yr R&E Program Review

SunWater provided the 5yr R&E program for review. Comments from the IAC included:

- 1. The cost estimate for the construction of exclusion fencing to keep kangaroos of abutments of the dam and prevent erosion seems high. SunWater to review costs.
- 2. The project in 2021 to refurbish the gauging station at Warroo may not be required as it was only replaced 3 years ago. SunWater to confer with hydrographers.
- 3. Cost estimates for the 20 year dam safety review and the comprehensive risk assessment in 2022 and 2023 respectively, need to be realistic as they seem excessive. SunWater to review in light of more recent costs for these works at other dams.

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Post Meeting Note: The 20 year Dam Safety review at Glenlyon Dam undertaken in 2017/2018 cost \$296,269. As such the \$350k budget figure for this work in 2022 seems reasonable.

Agenda Item 10 – Jack Taylor Weir Low Level outlet valves

SunWater raised the long term options for the low level release valves at Jack Taylor Weir. See photos attached to the minutes showing their current condition. These valves, whilst not used very often, have been used in the past to supply customers immediately downstream of the weir during prolonged dry periods when the water level in the weir is below the crest level. The valves have a combined release rate of approx. 250ML/d. One option is to completely decommission the valves (concrete encase). The IAC agreed that the valves are required and decommissioning was not an option. SunWater advised a study had been done in 2011 in which it was recommended that the valves be replaced with butterfly valves and hydraulically actuated from the deck above the weir. The cost estimates at the time were significant (approx. \$400k which included installed screens upstream). SunWater advised that there was a project in this financial year looking at decommissioning options however based on the IAC's advice the scope of this work would now be amended to look at replacing the valves when the opportunity arises.

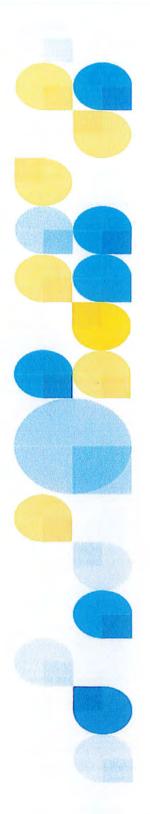
Agenda Item 11 - General Business

At the previous meeting in which water pricing was discussed SunWater undertook to provide the IAC with the R&E program out to 2053. SunWater advised it will send this out to the IAC members.

Post Meeting Note: The R&E program out to 2053 was emailed to the IAC on 3 January 2019.

	Beardmore Dam	Nol	54134	53094	52227	52054	51722	51406	51089	50455	49821	49346	45671	47053	46042	45031	44453	44044	42058	40634	39296	38079	36613	33915	33397	32983	32379	31615	29919	29300	28328	27398	26327	25607		75		
	Beardn	a	205.88	205.82	205.77	205.76	205.74	205.72	205.7	205.66	205.62	205.59	205.50	205.44	205.37	205.3	205.26	205.23	205.08	204.97	204.86	204.76	204.63	204.49	204.33	204.29	204.23	204.15	203.97	203.9	203.79	203.68	203.55	203.46		Coloured cells are where the EL is > FSL		
	WTL	Vol	7847	8480	9523	6826	9729	9552	9408	9379	9322	9293	9264	9178	9322	9322	9322	1076	9006	8988	8135	7644	7542	8508	8674	8646	8591	8535	8427	8347	8294	8215	8135	7898		s are where		
	TI.	B	193.16	193.4	193.77	193.86	193.84	193.78	193.73	193.72	193.7	193.69	193.68	193.65	193.7	193.7	193.7	193.60	193,59	193.54	193.27	193.08	193.04	193.41	193.47	193.46	193.44	193.42	193.38	193.35	193.33	193.3	193.27	193.18		Coloured cell		
From SAP	Moolabah	Vol	2856	2690	2437	2459	2558	2591	2569	2591	2591	2569	2613	2668	2712	2745	2778	2767	2690	2668	2778	2734	2734	2635	2635	2646	2580	2569	2613	2613	2624	2613	2679	2756		J		
	Mool	E	201.54	201.4	201.17	201.19	201.28	201.31	201.29	201.31	201.31	201.29	201.28	201.38	201.42	201.45	201.48	201.49	201.4	201.38	201.48	201.44	201.44	201.35	201.35	201.36	201.3	201.29	201.33	201.33	201.34	201.33	201.39	201,46				
		Volrel	96	78	52	100	123	118	168	204	258	296	384	432	505	459	632	709	929	740	762	742	717	346	478	613	620	631	598	624	723	627	528	285		Vinony	ng made,	
	Buckinbah	Vol	4759	4930	5120	5101	4987	4854	4721	4702	4759	4740	4816	4987	5082	5120	2006	8//8	4968	5120	5120	5120	5120	5120	5120	5101	9005	4987	5082	5120	5120	5120	5120	5120		Max vol shown only	goes to 5120 ML. Releases being made, but volume not decreasing.	
		В	198.25	198.34	198.44	198.43	198.37	198.3	198.23	198.22	198.25	198.24	198.22	198.37	198.42	198.45	198.38	198.26	198.36	198.46	198.47	198.49	198.5	198.47	198.48	198.43	198.38	198.37	198.42	198.45	198,45	198.46	198.54	198.54				
		tot dis loss vol	47.6	30.2	21	15.2	24.8	30.2	38.4	45.8	8.05	61.6	81.8	98	104.6	114	8.66	137.8	141.2	194	154	160	158.8	115	74.2	100.6	127.6	125.2	107.2	124.4	129.6	149.4	135	115.6			difference n olume and ssed plus	ot passed g daily were not
		total inflow	83.04677	1071.066318	1150.605082	311.471697	292.416529	0	0	45.021624	71.181932	319.568406	114.624394	111.851645	100.81011	0	157.528626	129.73837	133.670668	13.450249	0	280.550382	217.629982	318.012291	178.756403	229.615881	81.368709	39.230512	0 0	97.065581	0	0	0	0	6201.275201 A		Total inflows are the difference between the change in conceptual storage volume and the total volume released plus	These inflows were not passed onto customers during daily reconcilations as they were not
		evap and seep	237.32677	236.038318			233.542529	231.425484	229.271803	226.866624	224.473932	222.786406	220.225394	214.502645	211.45711		\rightarrow	202.54837	196.086089	191.80267	185.122327	179.925382	174.658982	170.431291	166.500403	165.054881	162.45713	159.557933	154.462226	142.907002	140.350901	137.463163	134.436034		Total		Total in between concept the tot	These onto corrections
	From Orion	tot rel vol	339.17	982.17	836.17	77.17	325.17		393.17	470.17	495.17	549.17	571.17	765.17	734.17	Т	584.17		843 801579	+-		71.17		1306.17	T	-		_	589.801579	+	1	748.17	-	663.380526				
	Fror	change vol	-493.45	-147.142	79.804	0.012	-266.296	-646.851	-632.27	-652.015	-648.462	-452.388	-676.771	-867.821	-844.817	-995.797	-632.165	-846.98	+	-1286.154	-2096.673		-1592.199	-1158.589	-365.914	_	$\overline{}$		-905,665	-721.643	-943.856	-1073.974		-890.416		-	ut p	
		Rec	7	1017.949	2178.195								1689.138	-				3650.516		3618.098	_	_	3729.945				-	-	5261.686				\vdash	7510.63	•	controlling on our our	volume increasing throughout the month	
		Total Water Acc vol	63577.405	-	-							-	_	221/2,414				51037.17		47915.852	-	-	42444.588					-	35982.111					28059.275		0000	throug	
		Con SV	00	-		63506.732	63240.436	62593.585	61961,315	61309.3	60660.838	_	-	58875.266	57162.628	56166.831		-	53726.321	-	-	\vdash	-	45015.944	44013.095	43573.486	42800.596	-	41243.797	39616 489	38672.633	37598.659	\vdash	35569.905 2				
		Date	17		-	4/12/2017 6		6/12/2017 6	7/12/2017 6		9/12/2017 6	-	_	12/12/201/	14/12/2017	1	-	-	_	7102/21/02	+	-	_	24/12/2017 4					30/12/2017 4	+	+		4/01/2018	5/01/2018				

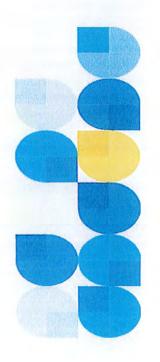
Functional Location	Functional Location Description	Description	18/19 Budget (\$)	Actuals	Left to spend (overspent)	Status	Comments		2 16 Aug Aug	30 13 Aug Sep		Nov Dec	Dec Jan	Jan Jan		Mar Ap		9 23 6 lay May Ju	_
BS - St George Water S	Supply							11											
BAL-BAR-BMD-OWK-001	OUTLET WORKS - IRRIGATION	Install a Filter Zone between Thuraggi Inlet and Outlet - Beardmore Dam	1,338,648.00 \$	43,613.00	1,295,035.00	05-WIP													
BAL-BAR-BMD-SFC-REC		Beardmore Dam : Upgrade Recreation Facilities - (as per new SW guidelines)	56,893.00	708.00	56,185.00	05-WIP	Received 1 quote and a 2nd quote to be obtained by the end of 30/10/2018.												
BAL-BAR-BMD-OWK-001- LS-GTE-001		Beardmore Dam : Replace Rotork on N/E Armco Gate - Irrigation Outlet	19,704.00 \$	-	19,704.00	05-WIP													
BAL-BALO	BALONNE RIVER	Replace River Meters - St George (as per 2015 Strategy)	12,902.00 \$	•	12,902.00	03-RELEASED	Work completed 11/10/2018. Project to be closed after being good receipted												
BAL-BAR-JTW-OWS		Jack Taylor Weir: Study Options for Concrete/Infill both Open Redundant Valve Boxes - (precaution to potential	18,426.00 \$	2,978.00	15,448.00	04-SCOPING	JK has adviced that it would be predent to keep the release option. As a result 50% of the option											il	T
BAL-BAR-BMD-SPW-CRG-	CRANE STRUCTURE	Beardmore Dam: -Inspect Cranes - 3rd Party	66,930.00 \$	3,815.00	63,115.00	04-SCOPING	Quote received and PO to be raised by 11/10/2018.												
BAL-BAR-BMD-SPW-STS- SPA		Beardmore Dam: Repair Concrete on Spillway, Causeway & Downstream Face - (Dam Safety 5 Yearly Report 2017)	55,037.00 \$	3,256.00	51,781.00	04-SCOPING	RFQ completed and released to the market with a closing date of 19/10/2018.												T
BAL-BAR-BMD-SPW-GTE		Beardmore Dam: Apply Pressure Penetrating Lubricant to Wire Ropes - Spillway Gates - (2017 Dam Safety Rec 6.2.10)	16,822.00 \$	472.00	16,350.00	04-SCOPING	RFQ released and quote to be provided by 12/10/2018.				34								I
BAL		Unplanned Capital Replacements - IBS - St George Supply (Contingency - only to be accessed with CEO approval)	11,988.00 \$	-	11,988.00	03-RELEASED													
		Sub - Total	\$ 1,597,350.00 \$	54,842.00	1,542,508.00				4 4						i		11	TI	



Thuraggi Outlet Channel

Seepage Reduction Project

Execution Stage





Project Objective

To reduce the seepage through the left embankment of Beardmore Dam at and adjacent to the Thuraggi Outlet to ensure an acceptable factor of safety is maintained for embankment stability

Project Needs Analysis (Why are we undertaking the Project?)



If seepage is allowed to continue with consequent loss of material near the channel bed the stability of the embankment becomes compromised.





Recent Project Background

Comprehensive Risk Assessment (final revision) delivered Jan 2018

- The critical potential failure mode is backward erosion piping through the foundation of the embankment.
- Evidence for an active backward erosion piping process below the structure
- Thuraggi outlet structure plots within the unacceptable risk region of the ANCOLD limit of tolerability for existing dams



Project Scope Determination

Detailed Options Analysis (final revision) delivered April

- Option 1 Extend outlet culvert downstream
- Option 2 Construct upstream clay blanket
- Option 3 Construct sheet piling cut off
- Option 4 Do nothing

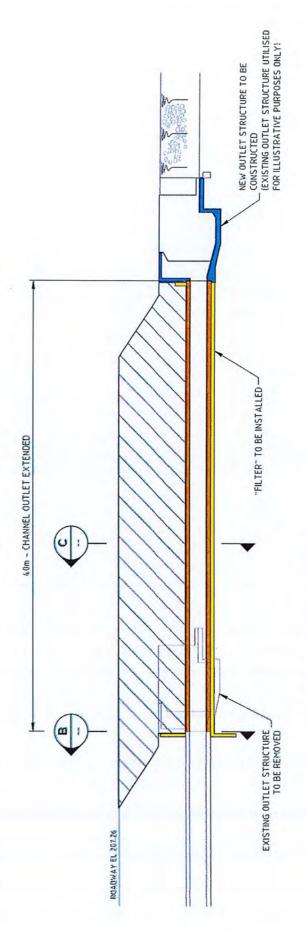
Recommended Option - Option 1.

- Estimated to reduce the annual probability of failure of the outlet structure to 1.6 x 10-6.
- The societal risk F-N plot for Option 1 plots more than two orders of magnitude below the limit of tolerability.

Project Scope Statement

channel between Thuraggi Inlet and Outlet at Beardmore Dam. Design and Construction of a Filter Zone and extended

Works include constructing an under filter, base slab and placing box culvert sections or similar for an additional distance of 40m downstream of the existing downstream headwall.



PROPOSED ARRANGEMENT SECTION





Activity	Delivery Date
Develop Project Delivery Model, Project Scope, Procurement Plan and Contract Conditions	15 Oct 2018
Obtain Project Approvals for Request for Offer (RFO) release	18 Oct 2018
Request for Offer release to market	19 Oct 2018
Site Visit	24 & 31 Oct 2018
RFO Closing	9 No. 2018
Evaluation Complete	14 Nov. 2018
Contract Negotiation and Award	20 Nov. 2018
Preliminary Design Complete	11 Dec. 2018
Detail Design Complete	11 Jan 2019
Construction Commence	15 Jan. 2019
Anticipated Construction Completion	12 March 2019





Project Constraints

Suitability of design Project delivery model Project Schedule

Window of opportunity for construction

- Storage level is required to be below (5%) for construction to commence.
- If water level raises above 15% construction must cease.
- Might require off-site storage of irrigation water.

Project cost







and overall cost are all key factors in project decision design, narrow window of opportunity, storage level The project constraints, importance of adequate gates that have been introduced:

Decision Gate 1: Receipt of Tenders

Decision Gate 2: Preliminary Design

Decision Gate 3: Detail Design

Decision Gate 4: Construction readiness

Decision Gate 5: Weather events during construction



Project Cost

Total cost to FY 17/18:

Total forecast cost for FY 18/19:

\$1,338,648

\$874,315

\$304,648

\$1,034,000 Construction Cost: \$2,212,963

Design Cost:

Total Forecast Project Cost:

Financial P&L	Actual	Sep-18 Budget	Variance	Actual	YTD Budget	Variance	FY Forecast	FY Budget
	\$'000s	\$'000s	\$'000s	\$'000s	\$'000s	\$'000s	\$'000s	\$'000s
Revenue					1 0000000000000000000000000000000000000			
External Contracts	0	0	0	0	0	0	0	0
Distribution	0	0	0	0	0	0	0	0
Bulk Water	141	169	(28)	427	507	(80)	1,964	2,044
Commercial Pipelines	0	0	0	0	0	0	0	0
Other Revenue	0	0	0	0	0	0	0	0
Operating Revenue	141	169	(28) 📵	427	507	(80)	1,964	2,044
Expenses							4	4042000
Salaries	0	0	0	0	0	0	0	0
Salaries O/T	0	0	0	0	0	0	0	0
Other Employee Costs	. 0	0	0	0	0	0	0	0
Contractors - Consultants	0	0	0	0	0	0	0	0
Contractors - Others	1	22	21	9	57	48	800	849
Electricity - Incl RC	0	1	0	1	2	1	5	6
Materials	1	7	6	2	19	17	111	128
Plant Equip & Vehicles	3	2	(2)	11	5	(6)	28	22
Capitalised Costs	0	(5)	(5)	0	(13)	(13)	(1,341)	(1,354)
Labour & OH Recovery	80	67	(13)	227	190	(37)	1,237	1,200
Service Charges	24	28	4	54	83	29	417	446
Depreciation	5	0	(5)	15	0	(15)	83	68
Other Expenses	10	13	4	35	40	5	168	174
Operating Expenses	125	134	10	354	384	30	1,510	1,539
Operating Profit	17	35	(18)	73	123	(50)	454	504

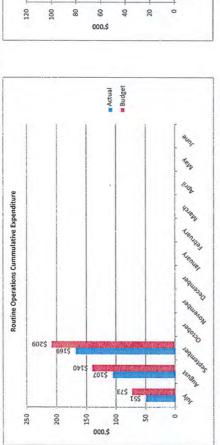
Key Indicators	Actual \$'000s	Sep-18 Budget \$'000s	Variance \$'000s	Actual \$'000s	YTD Budget \$'000s	Variance \$'000s	FY Forecast \$'000s	FY Budget \$'000s
Usage (ML)	1,364	5,487	(4,123) 📵	4,989	16,460	(11,470) 📵	66,579	78,049
Labour Billing Rate (%)	0	0	0	0	0	0	0	0
Labour Capacity (%)	0	0	0	0	0	0	0	0
Routine								
Operations	62	69	8	169	209	40	778	818
Preventative	30	24	(6)	114	75	(39)	327	288
Corrective	0	10	10	1	31	30	91	121
Other Routine	0	0	0	0	0	0	0	0
Total Routine (Excl. Electricity)	92	104	12	284	314	31	1,196	1,227
Electricity (Activity 08) Non Routine	0	1	0	0	2	1	5	6
Operations	0	0	0	0	0	0	0	10
Preventative	0	0	0	0	0	0	0	0
Corrective	0	0	0	0	0	0	0	0
R&E (Activity 04)	27	35	8	55	80	25	1,557	1,582
Other Non Routine	0	0	0	0	0	0	0	0
Total Non-Routine	27	35	8	55	80	25	1,567	1,592

Unfavourable to Budget (>=5% of budget)

St George Bulk Supply Routine and Non-Routine Budget, Expenses, Revenue and Profit/Loss

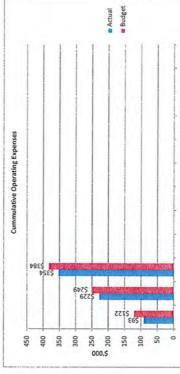
Routine Preventative Cummulative Expenditure

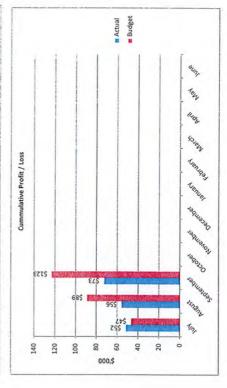
18\$

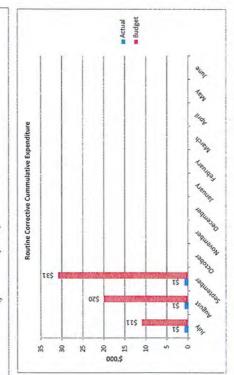


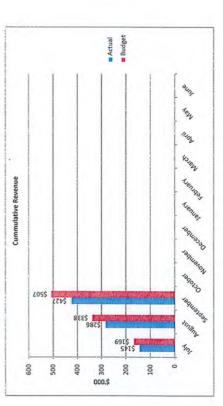
Actual Budget

Ten









Contingenome Underwater work - DS Rec 2017/Notes (Tier 1) NRMID HBRI224334 \$1 30,000.00 Eagy (\$25,324/47) [Tier 1] \$1 30,000.00 Intervalent more for the contingenome Underwater work - DS Rec 2017/Notes (Tier 1) NRMID HBRI224334 \$1 30,000.00 Intervalent more for the contingenome Intervalent more for the contingenome Underwater work - DS Rec 2017/Notes (Tier 1) \$2,000.00 Intervalent more for the contingenome Intervalent more fo		remember to control			
MAY 40A 60A 00 00A 0023	20	BAL-BAR-BMD	166AL12 - Beardmore Dam - Thuragg Channel Repair (Contingency)	\$ 300,000.00	
Reductions of the State of the Reduction for the State	50	BAL-BAR-BMD-OWK-002	Investigate: Ensure filling line has been properly decommissioned (Underwater work) - DS Rec 2017/Notes (Tier 1) NRMID HB#2342334	13,026.00	Don't belive this has been decommissioned
BAL-BAR-BADO-DWK-0201-YORR-DD] SUSPADA S FINISHED BEING control and health like the Institution and meters to the Control of Suspinger and Institution (1997) and Institution (1997	00	BAL-BALO	Replacement of St George River meters - 2015 IBS Strategy (\$25,324/yr) (Tier 1)		
Maria Adva Adva Adva Adva Adva Adva Adva Adv	50	BAL-BAR-BMD-OWK-001-FMR-001	14SGA13 - Enhance: Design, construct and install Meter installation and meters to record flow in Thuraggi Channel	\$ 177,133.00	Possibly be done in conjunction with thurragi outlet work in 18-19
BALL-BAME BLOWSTOWN CIEMTO OUT LETT INTERMEDIATION (Section for Flood State Winch) Mechanism in Flooding 2015 Craws Audit Gustomers (Titler 1) \$ 29,427.00 BALL-BAME BLOWSTOWN SUBJACK STATE S			Supply and install 6km of exclusion fence to keep kangaroos of abutments and prevent erosion issues	\$ 75,000,00	
But_Adde_Bub_SPW_STR_MIN_ Carm_Out_Intrinsection of carm Out Mechanism (period gail days of carm of the but_Adde_Bub_SPW_STR_MIN_ \$1,235.00 But_Adde_Bub_SPW_STR_MIN_ Carm_Out_Intrinsection of carm of the gail carm of card facilities (period gail days exercised) (Text_1) \$1,235.00 But_Adde_Bub_SPW_STR_STR_VOLD=ON Days carm of car		The second secon		\$ 590,379.00	
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RALL-BARD AND STAN STEET GET VOXDALL OF YOUR DESTRUCTION OF WINDOWS	11	BAL-BAR-BMD-SPW-GTE-GTV-002-HOI	Xray examination of winch ropes (5 year dam safety report) (Tier 2) (HB# 2342559 NRMIP)		
84,44,640,0599/CTG-GYVQ23-HO Registermented of Varior contact	===	BAL-BAR-BMD-SPW-GTE-GTV-003-HOI	Xray examination of winch ropes (5 year dam safety report)(Tier 2) (HB# 2342559 NRMIP)		
BALL-BAR-TYN-SPW-GTF-GTV-OOD-HO Nave commentation of which roses first for lifest 3223-3249 (Nave)		BAL-BAR-BMD-SPW-GTE-GTV-012-HOI	Xray examination of winch ropes (5 year dam safety report) (Tier 2) (HB# 2342559 NRMIP)		
BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.590 Nativity BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.590 Nativity BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.590 Nativity BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.590 Nativity BAL-BAR-NY-CEF-VOICH-OND BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.590 Nativity BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.500 Nativity BAL-BAR-NY-CEF-VOICH-OND Wave commission of which ropes file the 2.25.500 Nativity BAL-BAR-NY-CEF-VOICH-OND BAL-BAR-NY-CEF-VOICH-OND BAL-BAR-NY-CEF-VOICH-OND BAL-BAR-NY-CEF-VOICH-OND BAL-BAR-NY-CEF-NY-CEF-NOICH-OND BAL-BAR-NY-CEF-NOICH-OND BAL-BAR-NY	-	BAL-BALO	Replacement of St George River meters - 2015 IBS Strategy (\$25,324/yr) [Tier 1]		
844-88-84 (1992年で17-02)-01 Xone seamination of vinion topes (11 年2) [1843 245259 (RANIP) And-Sead-Art-Veybor (15-07-00)-01 Xone seamination of vinion topes (11 年2) [1843 245259 (RANIP) And-Sead-Art-Veybor (15-07-00) Xone seamination of vinion topes (11 年2) [1843 245259 (RANIP) And-Sead-Art-Veybor (15-07-00) Xone seamination of vinion topes (11 年2) [1843 245259 (RANIP) And-Sead-Art-Veybor (15-07-07) And-S	1	BAL-BAR-JTW-SPW-GTE-GTV-004-HOI	Xray examination of winch ropes (Tier 2) (HB# 2342559 NRMIP)		
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BAL-BAR ATTOCHES		BAL-BAR-JTW-SPW-GTE-GTV-010-HOI	Xray examination of winch ropes (Tier 2) (HB# 2342559 NRMIP)		
BAL-BAR-STOWN CORD LG CTR Study CLASS AND SERVED (SERVED (SERVED) (SERV		BAL-BAR-JTW-SPW-GTE-GTV-013-HOI	Xray examination of winch ropes (Tier 2) (HB# 2342559 NRMIP)		
844-884-2004-40221154-VV Reduction to date in State Time 2 State S		BAL-BAR-JTW-CRN	Study: 10 year crane inspection (pending outcome of Field Engineers audit in 2019) (Tier 1)		
BAL-BAR BAND-SWV-2TS-STVAD Returbatish: United Bate Selective (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Returbatish: United Bate Selective (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Returbatish: United Bate Selective (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Returbatish: United Bate Selective (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Returbatish: United Bate Selective (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Study-Commerter (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Study-Commerter (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Study-Commerter (by 1 Dec 2002) Titler 2 S. 552,0459.00 BAL-BAR BAND-SWV-2TS-STVAD Study-Commerter (by 1 Dec 2002) BAL-BAR BAND-SWV-2TS-STVAD Study-STVAD Study-S		BAL-BAR-GSN-422215A-LVL	Refurbish Gauging Station equipment - Warroo Stn # 422215A (Balonne River) (Tier 2)	1	
BALL BARR BAND Study: 20tr. Dam Safety Review (by 1 Dec 2022) [Tite 2] Study and by 1 Ball BARR BAND \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			Replace 2 x 450 valves at JTW, hydraulically actuate and install fixed screens on inlets		ACadvice required on replace or decommission
BALL-BARR BANDO STANCES-LIST OF A LEAR BARR BANDO BALL		The second secon		100	The state of the s
BALL-BAR-BIMO SWW-GTE-GTTUS Relutable Full pating and new sease filt in the dillencement of St George River meters - 2015 165 23.24/vyl [Tier 1] of water 11555549 - 2012 Tier 2] \$ 3.4,055.00 BALL-BAR-BIMO SWW-STS-SPA Relutable St George River meters - 2015 165 Strategy (\$5.5.324/vyl) [Tier 1] of water 11555549 - 2012 Tier 2] \$ 3.4,055.00 BALL-BAR-TYW Study, VRISP PROGRAMA - 5y, Dam Comprehensive inspection; Gate operation; Outlet Works/ Conduit inspection [Tier 1] \$ 5.2,050.00 BALL-BAR-TYW Study, Comprehensive Risk Assessment of State operation; Outlet Works/ Conduit inspection [Tier 1] \$ 5.2,050.00 BALL-BAR-BAMD Study, Comprehensive Inspection (Tier 2) BALL-BAR-BAMD \$ 1.2,050.00 BALL-BAR-BAMD Study, Comprehensive Inspection (Tier 2) BALL-BAR-BAMD \$ 1.2,050.00 BALL-BAR-BAMD Study, Comprehensive Inspection (Tier 2) BALL-BAR-BAMD SWW-GTE-GTV-000-HO Refunds Mechanism - Beardmone Dam Gate 2 [Tier 2] BALL-BAR-BAMD SWW-GTE-GTV-000-HO BALL-BAR-BAMD SWW-GTE-GTV-000-HO Refunds Mechanism - Beardmone Dam Gate 6 [Tier 2] BALL-BAR-BAMD SWW-GTE-GTV-000-HO BALL-BAR-BAMD SWW-GTE-GTV-000-HO BEALL-BAR-BAMD SWW-GTE-GTV-000-HO Refunds Mechanism - Beardmone Dam Gate 6 [Tier 2] BALL-BAR-BAMD SWW-GTE-GTV-000-HO BEALL-BAR-BAMD SWW-GTE-GTV-000-HO Refunds Mechanism - Beardmone Dam Gate 1 [Tier 2] BALL-BAR-BAMD SWW-GTE-GTV-000-HO <td></td> <td>BAL-BAR-BMD</td> <td>Study; 20yr Dam Safety Review (by 1 Dec 2022) (Tier 2)</td> <td>\$ 352,043.00</td> <td></td>		BAL-BAR-BMD	Study; 20yr Dam Safety Review (by 1 Dec 2022) (Tier 2)	\$ 352,043.00	
BALL-BARROND-SPW-STS-SPA Refurblish Witchish Litt Bilds Strender Journal on Drains in the Galler veew 15 years - Onn Stefety requirement (Scope HB# 1165549 - 2012) [Titler 2] \$ 3.405200 BALL-BARROND-SPW-STS-SPA Replacement of St George River meters (\$5.53.24/yr) [Titler 1] \$ 5.21200 BALL-BARROND-SW-STS-SPW-STE-GTV-000-HD Study-VS COMPORTANGER PROGRAMA - Syr Dan Comprehensive Inspection, Gase operation; Outlet Works/ Conduit Inspection [Titler 1] \$ 4.192100 BALL-BARROND-SW-STE-GTV-000-HD Study-Comprehensive Risk Assessment (CIsA) update - (Lunz 2009 last Occurrence) [Titler 2] \$ 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Hoisting Mechanism - Beardmore Dam Gate 2 [Titler 2] \$ 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Hoisting Mechanism - Beardmore Dam Gate 2 [Titler 2] \$ 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Hoisting Mechanism - Beardmore Dam Gate 2 [Titler 2] \$ 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Hoisting Mechanism - Beardmore Dam Gate 5 [Titler 2] \$ 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Hoisting Mechanism - Beardmore Dam Gate 5 [Titler 2] 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 [Titler 2] 1.402000 BALL-BARROND-SW-GTE-GTV-000-HD Refurbish Rechanism - Beardmore Dam Gate 12 [Titler		BAL-BAR-BMD-OWK-002-1LS-GTB	Refurbish: Full paint, and new seals (Tier 1)	\$ 16,808.00	
BALL-BALO Repulsement of St George Willer meters - 2023 BIS Strategy (\$25.324/r) (Tifer 1) \$ 2022000 BALL-BALO Study, WERR PROGRAM - 5yr Dam Comprehensive Inspection, Cate operation, Outlet Works/ Conduit inspection (Tifer 1) \$ 20275000 BALL-BARO BAND Study, Str Dam Comprehensive Inspection (N. 104 pages) and Courrented (Tifer 2) \$ 20275000 BALL-BARO BAND CENTER-CIVOGRAHOT Refurbish Hoisting Mechanism - Beardmen Dam Gate 2 (Tifer 2) \$ 20275000 BALL-BARO BAND CENTER-CIVOGRAHOT Refurbish Hoisting Mechanism - Beardmen Dam Gate 2 (Tifer 2) \$ 202000 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism - Beardmen Dam Gate 4 (Tifer 2) \$ 14,280.00 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism - Beardmen Dam Gate 4 (Tifer 2) \$ 14,280.00 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism - Beardmen Dam Gate 6 (Tifer 2) \$ 14,280.00 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism - Beardmen Dam Gate 6 (Tifer 2) \$ 14,280.00 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism on pates (Tifer 2) \$ 14,280.00 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism on pates (Tifer 2) \$ 14,280.00 BALL-BARO BAND SPW-GTE-GTV-OOG-HOT Refurbish Hoisting Mechanism	1	BAL-BAR-BMD-SPW-STS-SPA	Refurbish: let Blast 59 Foundation Drains in the Gallery every 5 years - Dam Safety requirement (Scope HB# 1165549 - 2012) (Tier 2)	\$ 34,405.00	
BAL-BAR-TTW Study: WERR PROCRAM- 5yr Dam Comprehensive Risk Assessment (CAM) update - (Line 2009 list Occurrence) [Titer 2] \$ 4273.00 BAL-BAR-BAND Study: Comprehensive Risk Assessment (CAM) update - (Line 2009 list Occurrence) [Titer 2] \$ 1007.41.00 \$ 1007.41.00 BAL-BAR-BAND Study: Comprehensive Risk Assessment (CAM) update - (Line 2009 list Occurrence) [Titer 2] \$ 100.41.00 \$ 100.41.00 BAL-BAR-BAND Refurbish Hosting Mechanism - Beardmore Dam Gate 2 (Titer 2) \$ 100.41.00 \$ 100.41.00 BAL-BAR-BAND-SPW-GTE-GTV-OOG+HOI Refurbish Hosting Mechanism - Beardmore Dam Gate 2 (Titer 2) \$ 100.41.00 \$ 100.41.00 BAL-BAR-BAND-SPW-GTE-GTV-OOG+HOI Refurbish Hosting Mechanism - Beardmore Dam Gate 6 (Titer 2) \$ 100.41.00 \$ 10.41.00 BAL-BAR-BAND-SPW-GTE-GTV-OOG+HOI Refurbish Hosting Mechanism - Beardmore Dam Gate 6 (Titer 2) \$ 100.41.00 \$ 10.41.00 BAL-BAR-BAND-SPW-GTE-GTV-OOG+HOI Refurb of host mechanisms on gates (Titer 2) \$ 100.41.00 \$ 10.41.00 BAL-BAR-BAND-SPW-GTE-GTV-OOG+HOI Refurb of host mechanisms on gates (Titer 2) \$ 100.41.00 \$ 10.41.00 BAL-BAR-TWA-SPW-GTE-GTV-OOG+HOI Refurb of host mechanisms on gates (Titer 2) \$ 100.41.00 \$ 10.41.00 BAL-BAR-BAND-SPW-GTE-GTV-OOG		BAL-BALO	Replacement of St George River meters - 2015 IBS Strategy (\$25,324/yr) (Ther 1)		
54.72027 1941-84R-9MO 1940-64-01 1		BAL-BAR-JTW	Study; WEIR PROGRAM - Syr Dam Comprehensive Inspection; Gate operation; Outlet Works/ Conduit inspection (Tier 1)	\$ 41,921.00	
BALL-BARR-BAND Study's Comprehensive Rick Assestment (CRA) under Lytine 2009 last Occurrence [Titler 2] \$ 202/2000 BALL-BARR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 2 (Titer 2) \$ 43,280.00 BALL-BARR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 2 (Titer 2) \$ 43,280.00 BALL-BARR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 3 (Titer 2) \$ 43,280.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 4 (Titer 2) \$ 43,280.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 4 (Titer 2) \$ 43,280.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 6 (Titer 2) \$ 44,280.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Rule meters - 2018 SYRABER (Titer 2) \$ 44,320.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Bare (Titer 2) \$ 44,320.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Bare (Titer 2) \$ 44,320.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Bare (Titer 2) \$ 44,320.00 BALL-BAR-BAND SWAGTE-GTV-0024-HOI Rethroish Hosting Mechanism: Beardmone Dam Gate 10 (Titer 2) \$ 44,320.00 <		The second secon		\$ 470,397.00	
BALL BAR BAND BALL BAR BAND STATUDUC STY CORD. STATUDUC		BAL-BAR-BMD	77	\$ 202,720.00	
BAL-BAR BAND-SPW-GTE-GTV-002-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 2 Tifer 2] \$ 14,280.00 BAL-BAR BAND-SPW-GTE-GTV-002-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 4 Tifer 2] \$ 14,280.00 BAL-BAR BAND-SPW-GTE-GTV-002-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 Tifer 2] \$ 14,280.00 BAL-BAR BAND-SPW-GTE-GTV-002-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 Tifer 2] \$ 14,280.00 BAL-BAR BAND-SPW-GTE-GTV-002-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 Tifer 2] \$ 14,280.00 BAL-BAR-IMV-SPW-GTE-GTV-002-HOI Refurb of hoist mechanisms on gates Tifer 2] \$ 14,411.00 BAL-BAR-IMV-SPW-GTE-GTV-002-HOI Refurb of hoist mechanisms on gates Tifer 2] \$ 14,411.00 BAL-BAR-IMV-SPW-GTE-GTV-002-HOI Refurb of hoist mechanisms on gates Tifer 2] \$ 14,411.00 BAL-BAR-IMV-SPW-GTE-GTV-002-HOI Refurb of hoist mechanisms on gates Tifer 2] \$ 14,411.00 BAL-BAR-BAND-SPW-GTE-GTV-002-HOI Refurb of hoist mechanisms on gates Tifer 2] \$ 14,411.00 BAL-BAR-BAND-SPW-GTE-GTV-001-HOI Refurb of hoist mechanisms on gates Tifer 2] \$ 14,411.00 BAL-BAR-BAND-SPW-GTE-GTV-001-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 (Tifer 2) \$ 14,420.00 BAL-BAR-B		BAL-BAR-BMD	Study: Syr Dam Comprehensive Inspection (by 1 Dec 2017)	\$ 107,410.00	
BAL-BAR-BMD-SPW-GTEGTV-0020-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 3 Tifer 2] \$ 14,280.00 BAL-BAR-BMD-SPW-GTEGTV-0020-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 5 Tifer 2] \$ 14,280.00 BAL-BAR-BMD-SPW-GTEGTV-0020-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 5 Tifer 2] \$ 14,280.00 BAL-BAR-BMD-SPW-GTEGTV-0020-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 Tifer 2] \$ 14,280.00 BAL-BAR-BMD-SPW-GTEGTV-0020-HOI Refurbish of hoist mechanisms on gates 1 Tifer 2) \$ 14,310.00 BAL-BAR-TWA-SPW-GTE-GTV-0020-HOI Refurb of hoist mechanisms on gates 1 Tifer 2) \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-0020-HOI Refurb of hoist mechanisms on gates 1 Tifer 2) \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-0020-HOI Refurb of hoist mechanisms on gates 1 Tifer 2) \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-0020-HOI Refurb of hoist mechanisms on gates 1 Tifer 2) \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-0020-HOI Refurb of hoist mechanisms on gates 1 Tifer 2) \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-0120-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 (Tifer 2) \$ 14,412.00 BAL-BAR-BMD-SPW-GTE-GTV-011-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 (Tifer 2) \$ 14,220.00		BAL-BAR-BMD-SPW-GTE-GTV-002-HOI	CIL		
BAL-BAR-BMD-SPW-GTE-GTV-004-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 4 (Ter 2) \$ 14,280.00 BAL-BAR-BMD-SPW-GTE-GTV-005-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 (Ter 2) \$ 14,280.00 BAL-BAR-BMD-SPW-GTE-GTV-005-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 (Ter 2) \$ 14,280.00 BAL-BAR-DW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates \$ 14,280.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates \$ 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-BMD-SFW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-BMD-SFW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-BMD-SFW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Ter 2) \$ 14,411.00 BAL-BAR-BMD-SFW-GTE-GTV-005-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 1		BAL-BAR-BMD-SPW-GTE-GTV-003-HOI	Refurbish Hoisting Mechanism - Beardmore Dam Gate 3 (Tier 2)		
BAL-BAR-BIMD-SPW-GTE-GTV-005+HOI Refurbish Hoisting Mechanism- Beardmore Dam Gate & [Titer 2] 3 14,280.00 BAL-BAR-BIMD-SPW-GTE-GTV-005+HOI Refurbish Hoisting Mechanism- Beardmore Dam Gate & [Titer 2] 5 14,280.00 BAL-BAR-BIMD-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates [Titer 2] 5 14,411.00 BAL-BAR-ITW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates [Titer 2] 5 14,411.00 BAL-BAR-ITW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates [Titer 2] 5 14,411.00 BAL-BAR-ITW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates [Titer 2] 5 14,411.00 BAL-BAR-ITW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates [Titer 2] 5 14,411.00 BAL-BAR-BMC-SEC-RD-001 Refurb of hoist mechanisms on gates [Titer 2] 5 14,411.00 BAL-BAR-BMC-SEC-RD-001 Refurbish hoisting Mechanism - Beardmore Dam Gate 10 [Titer 2] 5 14,280.00 BAL-BAR-BMD-SEC-RD-001 Refurbish hoisting Mechanism - Beardmore Dam Gate 11 [Titer 2] 5 14,280.00 BAL-BAR-BMD-SEW-GTE-GTV-001-HOI Refurbish hoisting Mechanism - Beardmore Dam Gate 11 [Titer 2] 5 14,280.00 BAL-BAR-BMD-SEW-GTE-GTV-001-HOI Refurbish hoisting Mechanism - Beardmore Dam Gate 11 [Titer 2] 5 14,280.00 BAL-BAR-BMD-SEW-GTE-GTV-001-H		BAL-BAR-BMD-SPW-GTE-GTV-004-HOI	Refurbish Holsting Mechanism - Beardmore Dam Gate 4 (Tier 2)		
BAL-BAR-BMD-SPW-GTE-GTV-006-HOI Refurbish Hoisting Mechanism- Beardmore Dam Gate 6 (Tiez 2) BAL-BAR-BMD-SPW-GTE-GTV-006-HOI Refurbish Hoisting Mechanisms on gates BAL-BAR-BMD-SPW-GTE-GTV-006-HOI Refurb of hoist mechanisms on gates 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Tier 2) 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurb of hoist mechanisms on gates (Tier 2) 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-005-HOI Refurbish Rechanism- Beardmore Dam Gate 10 (Tier 2) 5,411.00 BAL-BAR-BMD-SPW-GTE-GTV-001-HOI Refurbish Rechanism- Beardmore Dam Gate 11 (Tier 2) 5,412.00 BAL-BAR-BMD-SPW-GTE-GTV-001-HOI Refurbish Hoisting Mechanism- Beardmore Dam Gate 11 (Tier 2) 5,412.00 BAL-BAR-BMD-SPW-GTE-GTV-001-HOI Refurbish Hoisting Mechanism- Beardmore Dam Gate 11 (Tier 2) 5,412.00 BAL-BAR-DAL-BBE-BBR-DAL-SPW-GTE-GTV-001-HOI		BAL-BAR-BMD-SPW-GTE-GTV-005-HOI	Refurbish Hoisting Mechanism - Beardmore Dam Gate 5 (Tler 2)		
BAL-BAR-BINDSWAGTE-GTV-004-HOI Replacement of St George River meters - 2015 IBS Strategy (\$25,324/yr) (Tier 1) \$ 25,220.00 BAL-BAR-TWA-SPW-GTE-GTV-004-HOI Refund of hoist mechanisms on gates \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-005-HOI Refund of hoist mechanisms on gates \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-005-HOI Refund of hoist mechanisms on gates \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-007-HOI Refund of hoist mechanisms on gates \$ 14,411.00 BAL-BAR-TWA-SPW-GTE-GTV-007-HOI Refund of hoist mechanisms on gates (Tier 2) \$ 14,430.00 BAL-BAR-BWD-SPW-GTE-GTV-007-HOI Refund of hoist mechanisms on gates (Tier 2) \$ 14,430.00 BAL-BAR-BWD-SPW-GTE-GTV-007-HOI Refund of hoist mechanisms on gates (Tier 2) \$ 14,430.00 BAL-BAR-BWD-SPW-GTE-GTV-001-HOI Refundish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) \$ 14,290.00 BAL-BAR-BWD-SPW-GTE-GTV-011-HOI Refundish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) \$ 14,280.00 BAL-BAR-BWD-SPW-GTE-GTV-011-HOI Refundish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) \$ 14,280.00 BAL-BAR-BWD-SPW-GTE-GTV-011-HOI Refundish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) \$ 14,280.00 BAL-BAR-BWD-SPW-GTE-GTV-011-HOI		BAL-BAR-BMD-SPW-GTE-GTV-006-HOI	Refurbish Hoisting Mechanism - Beardmore Dam Gate 6 (Tier 2)		
BAL-BAR-JTW-SPW-GTE-GTV-004-HO Refurb of hoist mechanisms on gates (Tier 2)		BAL-BALO	Replacement of St George River meters - 2015 IBS Strategy (\$25,324/yr) (Tier 1.)		
SAL-BAR-JTW-SPW-GTE-GTV-005-HO Refur to 6 hoist mechanisms on gates		BAL-BAR-JTW-SPW-GTE-GTV-004-HOI	Refurb of hoist mechanisms on gates (Tier 2)		
BAL-BAR-JTW-SPW-GTE-GTV-006-HO Refurb of hoist mechanisms on gates BAL-BAR-JTW-SPW-GTE-GTV-006-HO Refurb of hoist mechanisms on gates Titler 2) BAL-BAR-JTW-SPW-GTE-GTV-007-HO Refurb of hoist mechanisms on gates Titler 2) BAL-BAR-BAR-JTW-SPW-GTE-GTV-007-HO Refurb of hoist mechanisms on gates Titler 2) BAL-BAR-BAR-JTW-SPW-GTE-GTV-001-HO Refurbish hoisting Mechanism - Beardmore Dam Gate 10 (Titler 2) BAL-BAR-BARD-SPW-GTE-GTV-011-HO Refurbish hoisting Mechanism - Beardmore Dam Gate 11 (Titler 2) BAL-BAR-BARD-SPW-GTE-GTV-011-HO Refurbish hoisting Mechanism - Beardmore Dam Gate 11 (Titler 2) BAL-BAR-BAR-BAR-BAR-BAR-BAR-BAR-BAR-BAR-BAR		BAL-BAR-JTW-SPW-GTE-GTV-005-HOI	Refurb of hoist mechanisms on gates		
BAL-BAR-JTW-SPW-GTE-GTV-007-HO Refurb of hoist mechanisms on gates (Tier 2) BAL-BAR-JTW-SPW-GTE-GTV-007-HO Refurb of hoist mechanisms on gates (Tier 2) BAL-BAR-JTW-SPW-GTE-GTV-010-HO Refurb of hoist mechanisms on gates (Tier 2) S. 14,293.00 S. 14,293.00 S. 14,280.00 BAL-BAR-BMD-SPW-GTE-GTV-010-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 10 (Tier 2) BAL-BAR-BMD-SPW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SPW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SPW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SPW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SPW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Beardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-011-HO Refurbish Hoisting Mechanism - Bardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-001-HO Refurbish Hoisting Mechanism - Bardmone Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-001-HO Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HO Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HO Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HO Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HO Refurbish ment: Perdodic restocking of embandment materials / filling in scours / major regrassing and establishment (Tier 1) St. 1008-00 St. 14,228.00 St. 14,228.0		BAL-BAR-JTW-SPW-GTE-GTV-006-HOI	Refurb of hoist mechanisms on gates		
BAL-BAR-JTW-SPW-GTE-GTV-010-HOI Refurb of hoist mechanisms on gates (Tier 2) BAL-BAR-BAND-SEC-RD-0011 Refurbish: Reseal Maintain road that turns off to Sunwater Houses/Office (Tier 1) SA19-291/00 SAL-BAR-BAND-SEC-RD-0011 Refurbish Hoisting Mechanism - Beardmore Dam Gate 10 (Tier 2) BAL-BAR-BAND-SEW-GTE-GTV-010-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) BAL-BAR-BAND-SEW-GTE-GTV-011-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) BAL-BAR-BAND-SEW-GTE-GTV-011-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) BAL-BAR-BAND-SEW-GTE-GTV-011-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) BAL-BAR-BAND-SEW-GTE-GTV-011-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2) BAL-BAR-BAR-BAR-BAR-BAR-BAR-BAR-BAR-BAR-BAR		BAL-BAR-JTW-SPW-GTE-GTV-007-HOI	Refurb of hoist mechanisms on gates (Tier 2)		
BAL-BAR-BMD-SFC-RDD-001 Refurbish: Respeal / Maintain road that turns off to Sunwater Houses/Office (Tier 1) BAL-BAR-BMD-SFC-RDD-001 Refurbish Holsting Mechanism - Beardmore Dam Gate 10 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-010-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 11 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-011-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-012-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-012-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-012-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-012-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-012-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SW-GTE-GTV-001-HOI Refurbish Holsting Mechanism - Bal-BAR-BMD-SW-GTE-GTV-002-HOI Refurbish Register material and regrade the road. emotive gate needed (Tier 1) State 2008 State 200		BAL-BAR-JTW-SPW-GTE-GTV-010-HOI	Refurb of hoist mechanisms on gates (Tier 2)		
BAL-BAR-BMD-SFC-RDD-001 Refurbish: Reseal / Maintain road that turns off to Sunwater Houses/Office (Tier 1) \$ 8,803.00 BAL-BAR-BMD-SFC-RDD-001 Refurbish Hosting Mechanism: Beardmore Dam Gate 21 (Tier 2) \$ 14,280.00 BAL-BAR-BMD-SWW-GTE-GTV-011-HOI Refurbish Hosting Mechanism: Beardmore Dam Gate 12 (Tier 2) \$ 14,280.00 BAL-BAR-BMD-SWW-GTE-GTV-011-HOI Refurbish Hosting Mechanism: Beardmore Dam Gate 12 (Tier 2) \$ 14,280.00 BAL-BAR-BMD-SWW-GTE-GTV-012-HOI Refurbish Hosting Mechanism: Beardmore Dam Gate 12 (Tier 2) \$ 14,280.00 BAL-BAR-BMD-SWW-GTE-GTV-012-HOI Refurbish Rechanism: Beardmore Dam Gate 12 (Tier 2) \$ 8,078.00 BAL-BAR-BMD-EMB-EMR Refurbish Rechanism: Periodic restocking of embaniment materials in scours / major regrassing and establishment (Tier 1) \$ 10,052.00 BAL-BAR-JTW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) \$ 14,280.00 BAL-BAR-JTW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) \$ 14,228.00 BAL-BAR-JTW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) \$ 14,228.00 BAL-BAR-JTW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) \$ 14,228.00 BAL-BAR-JTW-SPW-GTE-GTV-001-HOI Refurbish ment: Periodic restocking o				\$ 479,297.00	
BAL-BAR-BIMD-SPW-GTE-GTV-010-HOID Refurbish Holsting Mechanism - Beardmore Dam Gate 10 (Tifer 2) BAL-BAR-BIMD-SWW-GTE-GTV-011-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tifer 2) BAL-BAR-BIMD-SWW-GTE-GTV-011-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tifer 2) BAL-BAR-BIMD-SWW-GTE-GTV-011-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tifer 2) BAL-BAR-BIMD-SWW-GTE-GTV-011-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tifer 2) BAL-BAR-BIMD-SWW-GTE-GTV-011-HOI Refurbish Holsting Mechanism - Beardmore Dam Gate 12 (Tifer 2) BAL-BAR-BIMD-SWW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOID Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOID Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOID Refurbish winch (Streategy always on Gate 1) (Tifer 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOID Refurbish winch (Streategy always (Tifer 2) BAL-BAR-TW-SPW-GTW-GTV-GTV-GTV-GTV-GTV-GTV-GTV-GTV-GTV-G		BAL-BAR-BMD-SFC-RDD-001	Refurbish: Reseal / Maintain road that turns off to Sunwater Houses/Office (Tier 1.)	A i	
BAL-BAR-BMD-SPW-GTE-GTV-011-HOI Refurbish Hoisting Mechanism - Beardmane Dam Gate 11 (Tife 2) BAL-BAR-BMD-SPW-GTE-GTV-012-HOI Refurbish Hoisting Mechanism - Beardmane Dam Gate 12 (Tife 2) BAL-BAR-BMD-SWW-GTE-GTV-012-HOI Refurbish Hoisting Mechanism - Beardmane Dam Gate 12 (Tife 2) BAL-BAR-BMD-SWW-GTE-GTV-012-HOI Refurbish Hoisting Mechanism - Beardmane Dam Gate 12 (Tife 1) \$ 14,280,00 BAL-BAR-BWD-SWW-GTE-GTV-001-HOI Refurbish Menth Periodic restocking of embankment materials / filling in scours / major regrassing and establishment (Tife 1) \$ 10,084,00 BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish Menth Refurbish winch (Tife 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Tife 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Tife 2) Refurbish winch (Tife 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Tife 2) Refurbish winch (Tife 2) Refurbish winch (Tife 2) Refurbish winch (Tife 3) Refurbish winch (Tife 3) Refurbish winch (Tife 3) Refurbish Westing 2 (Tife 2) Refurbish Westing 2 (Tife 2) Refurbish Menth (Tife 3) Refurbish Westing 2 (Tife 3) Refurbish Refu		BAL-BAR-BMD-SPW-GTE-GTV-010-HOI	Refurbish Holsting Mechanism - Beardmore Dam Gate 10 (Tier 2)		
BAL-BAR-BMD-SPW-GTE-GTV-012-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-SPW-GTE-GTV-012-HOI Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 (Tier 2) BAL-BAR-BMD-EMB-EMR Refurbish: Import appropriate material and regrade the road, removing ruts on left bank. Refer notes - 2012 recommendation (Tier 1) \$ 8,1028.00 BAL-BAR-BMD-EMB-EMR Refurbish: Replacement of St. George (New meters - 2015) (S. Stategy (S. S. S. 23.4/yr) (Tier 1) \$ 10,028.00 BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish: Replacement rubbers for the seals on the gate. Will only be carried out just before gate needed (Tier 1) \$ 10,522.00 BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-CTW-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-CTW-GTV-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-CTW-GTV-GTV-001-HOI Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-TW-CTW-GTV-GTV-GTV-GTV-GTV-GTV-GTV-GTV-GTV-GTV		BAL-BAR-BMD-SPW-GTE-GTV-011-HOI	Refurbish Hoisting Mechanism - Beardmore Dam Gate 11 (Tier 2)		
BAL-BAR-BIMD-EMB-EML-001 Refurbish: Import appropriate material and regrade the road, removing ruts on left bank. Refer notes - 2012 recommendation (Tiler 1) \$ 8,078.00 BAL-BAR-BIMD-EMB-EMR Refurbishment: Periodic restociding of embahament materials [Tilling in scours / major regrassing and establishment (Tiler 1) \$ 10,034.00 BAL-BAR-BIMD-EMB-EMR Refurbishment Periodic restociding of embahament materials [Tilling in scours / major regrassing and establishment (Tiler 1) \$ 10,522.00 BAL-BAR-M-TW-SPW-GTE-GTV-001-H01 Refurbish winch (Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-H01 Refurbish winch (Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-H01 Refurbish winch (Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-H01 Refurbish ment of the pass of the seals on the gate. Will in scours / major regrassing and establishment (Tiler 1) \$ 14,228.00 BAL-BAR-TW-SPW-GTE-GTV-001-H01 Refurbish ment released (Tiler 2) Refurbish ment released (Tiler 3) \$ 14,228.00 BAL-BAR-TW-SPW-GTE-GTV-001-H02 Refurbish ment released (Tiler 3) \$ 14,411.00 BAL-BAR-TW-SPW-GTE-GTV-001-H02 Refurbish ment released (Tiler 3) \$ 14,002.00 BAL-BAR-TW-SPW-GTV-GTV-001-H02 Refurbi		BAL-BAR-BMD-SPW-GTE-GTV-012-HOI	Refurbish Hoisting Mechanism - Beardmore Dam Gate 12 (Tier 2)		
BAL-BAR-BMD-EMB Refurbishment: Periodic restocking of embankment materials of filling in scours / major regrassing and establishment (Tiler 1) \$ 10,093,000 BAL-BAR-BAR-DAM Replacement of Steeper River meters - 2013 ISS strategy (35,324,07) (Tiler 1) \$ 10,522,000 BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 1) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 1) (Tiler 2) Streategy always on Gate 2) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish winch Streategy always on Gate 3) (Tiler 2) BAL-BAR-TW-SPW-GTE-GTV-001-HOI Refurbish of hoist mechanisms on gates (Tiler 2) Streategy always on Gate 3) (Tiler 3) Streategy always on Gate 3) Streategy alwa		BAL-BAR-BMD-EMB-EML-001	Refurbish: Import appropriate material and regrade the road, removing ruts on left bank: Refer notes - 2012 recommendation (Ther 1)		
BAL-BALD BAL-BALD Replacement of St George River meters - 2013 BS Strategy (\$25.3.24/yr) [Titer 1] \$1.25.20.000 BAL-BAR-JTW-SPW-GTE-GTP-002-H0] Refurbish welderement rubbers for the seals on the gate. Will only be carried out just before gate needed (Tier 1] \$1.32.20.00 BAL-BAR-JTW-SPW-GTE-GTV-002-H0] Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-JTW-SPW-GTE-GTV-002-H0] Refurbish winch (Tier 2) Refurbish winch		BAL-BAR-BMD-EMB-EMR	Refurbishment: Periodic restocking of embankment materials / filling in scours / major regrassing and establishment (Tier 1)		Why stockpile. Can't material been procured when required
BAL-BAR-JTW-5PW-GTE-GTB Refurbish: Replacement rubbers for the seals on the gate. Will only be carried out just before gate needed (Tier 1) 5 10,522.00 5 14,228.00 BAL-BAR-JTW-5PW-GTE-GTV-001-HO] Refurbish winch (Streetery always on Gate 1) (Tier 2) 8 14,228.00 BAL-BAR-JTW-5PW-GTE-GTV-002-HO] Refurbish winch (Streetery always on Gate 1) (Tier 2) 8 14,228.00 BAL-BAR-JTW-5PW-GTE-GTV-003-HO] Refurbish ment streeter and season of the gate (Tier 2) 8 14,411.00 BAL-BAR-BMD-ENB-EMD-ENB-BAR-JTW-5PW-GTE-GTV-003-HO] Refurbish ment if Periodic responding of embandment materials / filling in scours / major regrassing and establishment (Tier 1) 5 10 not and 10 not		BAL-BALO	Replacement of St George River meters - 2015 IBS Strategy (\$25,324/yr) (Tier 1.)		
BAL-BAR-ITW-SPW-GTE-GTV-001-HO] Refurbish winch (Streategy always on Gate 1) (Tier 2) BAL-BAR-ITW-SPW-GTE-GTV-001-HO] Refurbish winch (Tier 2) BAL-BAR-ITW-SPW-GTE-GTV-002-HO] Refurbish winch (Tier 2) BAL-BAR-ITW-SPW-GTE-GTV-003-HO] Refurbish ment it Perfolic rescooking of embankment materials / filling in scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and establishment (Tier 1) S 10 for a for none of the scours / major reerassing and scours /		BAL-BAR-JTW-SPW-GTE-GTB	Refurbish: Replacement rubbers for the seals on the gate. Will only be carried out just before gate needed (Tier 1)	10,522.00	If this is bulkhead gate then not required. Will never be used.
BA4-BA8_TWV-SPW-GTE-GTV-002-HO Refurbish winch (Tire 2) Result of hoist mechanisms on gates (Tire 2) Result of hoist mechanisms on gates (Tire 2) Result of hoist mechanisms on gates (Tire 2) Refurbishment Tire 10 S Result of the stablishment (Tire 1) S Result o		BAL-BAR-JTW-SPW-GTE-GTV-001-HOI	Refurbish winch (Streategy always on Gate 1) (Tier 2)	14,228.00	
BAL-BAR-JTW-SPW-GTE-GTV-003-HOI Refurb of holist mechanisms on gates (Tier 2) BAL-BAR-BMD-ENB-EMIL-002 Refurbishment: Periodic restocking of embankment materials / filling in scours / major regrassing and establishment Tier 1) S		BAL-BAR-JTW-SPW-GTE-GTV-002-HOI	Refurbish winch (Tier 2)		
BAL-BAR-BMD-EMI-002 Refurbishment: Periodic restocking of embankment materials / filling in scours / major regrassing and establishment (Tier 1)		BAL-BAR-JTW-SPW-GTE-GTV-003-HOI	Refurb of hoist mechanisms on gates (Tier 2)		
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