

5.1. CAPITAL WORKS PROGRESS REPORT FOR THE 1ST QUARTER 2019 - 2020

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DEPARTMENT Infrastructure

RECOMMENDATION

That Council receives and notes the progress of the Capital Works Program to 30 September 2019 for the 2019 - 2020 financial year.

EXECUTIVE SUMMARY

Overall, the delivery of the 2019/2020 capital works program has progressed as planned with 8% of the budget spent (\$1.27 million) and a further 16% committed (\$2.55 million) to 30 September 2019. A total of 24% either completed or under contract. Attachment 2 to this report details the progress of the original June 2019 capital works program for those works with a budget of \$10,000 or more for the period of 1 July 2019 to 30 September 2019.

The delivery of the 2018/2019 carry over projects has progressed as planned with 25% of the carry over budget spent (\$2.58 million) and a further 40% committed (\$4.09 million) to 30 September 2019. A total of 65% either completed or under contract. Attachment 1 to this report details the progress of the carry over projects from the 2018/2019 financial year with a budget of \$10,000 or more for the period of 1 July 2017 to 30 September 2019.

BACKGROUND

To better manage our ongoing Capital Projects, a Capital Tracking Project Control Group (PCG) has been established to oversee the delivery and reporting of all projects across all departments within Council.

The attached report is extracted from the Capital Tracking PCG dashboard showing Project Budget, WIP (Actuals and Commitments), Project Program Status, Project Risk Status and Project Budget Status. A traffic light approach to the final three issues is based on Performance Indicators in each category:

Performance Indicators ● Satisfactory ● Marginal ● Unsatisfactory

COMMENT

Delivery of the capital works program will be monitored through the Capital Works Project Control Group (PCG) fortnightly meeting. The PCG will have oversight of all capital works projects and this will allow the group to understand the risks, delivery methods and procurement processes for each project and concentrate resources on projects that are lagging.

During the first quarter a number of carry over projects from the 2018/2019 budget reached practical completion. Below is a list of these projects:

1. Backwash water discharge package plant at Mossman WTP; and
2. Whyanbeel Water Treatment Plant Renewals.

During the first quarter a number of projects from the 2019/2020 original budget reached practical completion. Below is a list of these projects:

1. Phone system upgrade - Telstra changes to current technology;
2. A0 Scanner/Printer - Records;
3. Douglas Arts Base - Urgent Heritage works;
4. Fleet – renewal of one ride on mower;
5. Mowbray Street, Port Douglas – concrete footpath; and
6. Portable Flood Barriers.

It is recommended that Council note the contents of this report.

PROPOSAL

That Council receives and notes the progress of the Capital Works Program to 30 September 2019 for the 2019 - 2020 financial year.

FINANCIAL/RESOURCE IMPLICATIONS

Overall, the delivery of the 2019/2020 capital works program has been excellent. Delivery of a capital works program within budget is essential to ensure that Council is financially sustainable and that Council's assets are maintained and developed to meet the needs of communities within Douglas.

RISK MANAGEMENT IMPLICATIONS

Council must plan and deliver a suitable capital works program to ensure that its assets are able to service the needs of the communities within Douglas Shire. Council has a statutory obligation as a service provider to ensure it is able to provide water and wastewater services to customers.

Council's reputation and the community's amenity would suffer if it is unable to maintain assets and service levels at necessary standards. The consequence of inadequate maintenance and upgrade of capital assets will be increased costs in the future.

SUSTAINABILITY IMPLICATIONS

Economic: Financial sustainability of the Council would be at risk if capital works programs are not kept within budget, or are not undertaken.

Environmental: Failing to maintain assets can lead to environmental impacts through the release of materials to the environment outside of licence conditions. Poorly maintained assets can also have impacts on energy and resource use.

Social: Communities expect assets such as roads, bridges and water/wastewater systems to be safe and maintained to necessary standards.

CORPORATE/OPERATIONAL PLAN, POLICY REFERENCE

This report has been prepared in accordance with the following:

Corporate Plan 2019-2024 Initiatives:

Theme 2 - Fostering Sustainable Economic Growth

A robust economy is at the heart of a thriving community and enables investment in environmental protection. While our remoteness is a key attribute, it also presents challenges for attracting new business and investment. We must also meet the challenges of fierce competition in the tourism sector. Council will partner with industry to build, diversify and promote the Douglas economy. Council will design and deliver infrastructure, strategies and services that support the local economy and businesses.

Goal 1 - We will build appropriate infrastructure and deliver services that connect and support businesses.

Theme 3 - Leading Environmental Stewardship

Our visitors and residents deeply value the unparalleled environment in which we live. We recognise our responsibility in protecting and preserving our natural world for generations to come. We understand the strong link between the environment and the economy: they are interdependent. Douglas Shire will be at the forefront of environmental protection by developing strategies, setting policies, and working with all stakeholders to become the envy of and to inspire locations across Australia and the World.

Goal 3 - We will continue to build water infrastructure so that the Douglas Shire may enjoy water security and water quality.

Theme 5 - Robust Governance and Efficient Service Delivery

Strong governance and financial management are the foundations of the way in which Council will conduct its business and implement the initiatives of the Corporate Plan.

Goal 1 - We will conduct Council business in an open and transparent manner with strong oversight and open reporting.

COUNCIL'S ROLE

Council can play a number of different roles in certain circumstances and it is important to be clear about which role is appropriate for a specific purpose or circumstance. The implementation of actions will be a collective effort and Council's involvement will vary from information only through to full responsibility for delivery.

The following areas outline where Council has a clear responsibility to act:

Builder/Owner	Council makes a significant investment every year in the infrastructure that underpins the Shire through its capital works program. Council will manage its assets with appropriate frameworks and deliver its projects through robust project management.
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CONSULTATION

Internal: Consultation has been undertaken with the Project Managers and Coordinators responsible for various projects.

External: Nil.

ATTACHMENTS

1. Attachment 1 [5.1.1 - 1 page]
2. Attachment 2 [5.1.2 - 4 pages]

2018/2019 Carry Over Projects										
	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status	
	Community Development									
	IT Services									
	Property Services									
1	Flagstaff Hill Communications Tower Refurbishment	250,000	3,490	-	3,490	2%	Discussions with telecommunications providers on timing of works, drafting tender to go out in later part of 2019	Low risk	On budget	
	Building Facilities									
2	Sugar Wharf Structural Repairs	460,000	20,097	20,250	40,347	20%	Consultant has been engaged and plans are being drawn up.	Environmental impact. Managing works around bookings.	Expected to be over budget. Will have better idea once quotes are in.	
	Fleet									
	Civil Works									
3	Noah Creek Bridge (Grant Funded)	3,000,000	873,312	1,537,834	2,411,146	10%	Design options finalised and agreed. Environmental permit applications to be submitted	External environmental permits, weather	Expected to be under budget	
4	Polettis Bridge (Grant Funded)	950,000	5,462	738,772	744,234	30%	Mobilised to site and demolition completed. Construction commenced	Materials, long lead items ordered on award	Under budget	
5	Lot 96 Fishermens	75,000	945	-	945	0%	On hold	On hold	On hold	
6	Principal Cycle Network - Stage 2 - Cooya Beach to Junction Creek Pedestrian Bridge	40,000	30,163	33,630	63,793	70%	Options assessment and Land Owner Completed - Progress to Councilors Workshop 1/10/19	Design Consultancy Awarded Cooya Beach to new Junction Creek Ped Bridge	Over budget	
7	Street lighting in Opal Street, Port Douglas	90,000	-	4,250	4,250	15%	discussions with electrical designers	Low risk	On budget	
	Public Spaces									
8	Macrossan Street Decorative Lighting	122,280	40,315	56,175	96,490	35%	Contractor to install lights 14/10/19	DTMR approvals	On budget	
9	Streetscape Master Plans for Macrossan St & Front St	100,000	53,462	-	53,462	70%	Landscaping renewal underway	Master Plan project placed on hold.	On budget	
	Environmental Planning									
	Resource Management									
10	Land Purchase	150,000	-	-	-	0%	Investigating land.	Land availability	Expected to be over budget as new land is to be acquired	
	Disaster Management									
	Wastewater									
11	Sewer Pump Station 4E Upgrade	250,000	37,936	330,208	368,144	30%	Tender Awarded	Potential Delays if early wet season	Over budget due to site conditions	
12	Mossman Wastewater Treatment Plant - Lagoon Lining (Option A) / Bores (Option B)	100,000	34,460	32,842	67,302	60%	Dependant on weather before finalising. Minor works completed.	Operational constraints; weather	Expected to be on budget	
13	Port Douglas Wastewater Treatment Plant Outfall Flow Meter	150,000	1,959	-	1,959	5%	Design to be started end September	Design / Constructability on live system	Expected to be on budget	
14	Design of Mossman Rising Main Replacement	50,000	16,353	44,869	61,222	10%	Field Investigations	Low risk	Expected to be on budget	
	Water Quality									
15	Craiglie Reservoir Roof Replacement (part grant funded)	2,565,000	280,581	1,121,412	1,401,993	14%	Salvaged Material Delivered to Council Depot. Site Works Stopped awaiting painting contractor	Weather, Cost of Internal Painting System	Expected to be on budget	
16	Design of Additional Water Extraction Site Mossman	233,557	76,240	152,706	228,946	25%	Post tender with consultant. Reviewing of design options.	Low risk	Expected to be on budget	
17	Backwash water discharge package plant at Mossman WTP	1,048,500	930,298	15,586	945,885	95%	Works completed apart from some minor adjustments to programming	Delays will cause project to overrun	Expected to be under budget	
18	Whyanbeel Water Treatment Plant Renewals (W4Q Round 2 grant funding)	180,000	165,072	3,438	168,510	100%	All aspects completed - some invoices to be finalised. Finalised by the extension date of 31/8/19	Delays will cause projects to overrun.	Under budget	
	Water Reticulation									
19	Mowbray River Road Mains Renewal	275,000	5,550	-	5,550	10%	Final Design Phase, Tender Documentation Started	Wet weather	Expected to be over budget	
20	Killaloe Transfer Station Water Main Renewal	220,000	2,996	-	2,996	5%	Design Phase	Wet weather	Expected to be over budget	

Original Budget June 2019 - 2019/2020 Delivery

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
Community Development									
1	Dixies Shed Flooring and Deck	20,000	1,245	4,580	5,825	15%	Draftsman engaged and drawing up plans and scope for decking to turn into useable art space.	Low Risk	Low risk
2	Enhanced Disaster Dashboard and Information Notification system	10,000	-	-	-	75%	Works completed waiting for Dashboard to go live in October. Purchase order to be raised and training to occur.	Low Risk	Low risk
3	Modifications to Port Douglas Hall	10,000	-	-	-	0%	Reviewing track lighting system. Floor to be polished. Requested completion by end September.	Low Risk	Low risk
4	Douglas Indigenous Signage Program	50,000	114	17,804	17,918	20%	All stage 1 consultation completed. Council workshop occurred on 20 August, confirmed want stage 1 and 2. Future capital funds to be brought forward in 2019/20, works commenced September.	Low Risk	Low risk
5	Mossman and Port Douglas Flagpoles	100,000	114	-	114	10%	Quotes received and sites confirmed. Waiting for feedback from DTMR regarding sites.	Low Risk	Med risk due to civil works
6	Mossman Showgrounds Masterplan	50,000	318	-	318	0%	Local clubs engaged. RFQ completed and in progress	Low Risk	Low risk
7	Douglas Council's Website Upgrade and Media Monitoring	30,000	13,529	6,000	19,529	80%	Contractor engaged and software implemented. Council's website interim design completed, gaining internal feedback and will launch in November.	Low Risk	Low risk
8	Hydration Stations and Sunscreen Stations-MOBILE	25,000	-	9,150	9,150	60%	Ordered 3 mobile Hydration stations. should arrive late September. Reef Friendly Sunscreen stations on back order will arrive 6-8 months from USA.	Low Risk	Low risk
IT Services									
9	ICT Mossman Computer Room Equipment Refresh	155,000	13,532	23,219	36,751	2%	On site component done. On track to deliver report to MT by mid Nov.	See comments - opportunity to lower risks	On budget
10	ICT - Planning Zone Report Tool	24,000	1,098	3,940	5,038	5%	Jenny E. & Mangoes Mapping working on needs / mock-up	Change of Scope - Vendor did not inc. hosting in original quote. If Civica Hosts this project, no additional costs. New Risk = dependance on Civica	Unexpected need for ManGoesMapping to assist JE to draft spec.
11	ICT - Authority Fleet Module - purchase, install and configure	17,000	430	6,465	11,403	2%	Contractor engaged to deliver solution	Low Risk	On budget
12	ICT Decommission Community Suite - Commission iPlatinum	41,000	16,518	15,000	31,518	5%	23.09.19 Server build in progress.	Data Loader will need updating, as we have a later version of *Community than the last customer	On budget
13	ICT - Authority Mobile Platform (Actus) - purchase, install and configure	49,000	11,234	6,465	17,699	2%	23.09.19 Waiting on Civica to deliver project schedule	No schedule from the Civica project Manager yet	On budget
14	Phone system upgrade - Telstra changes to current technology	67,831	54,564	-	54,564	100%	Completed	Completed	Under budget
15	3 x Ricoh Printers/Scanner Refresh	22,124	320	-	320	2%	23.09.19 CC placing order for 1st few units.	Low Risk	On budget
16	A0 Scanner/Printer - Records	18,000	1,209	12,296	13,505	100%	Completed	Completed	Under budget
Property Services									
17	Thornton Beach Café - Roof replacement	30,000	-	-	-	25%	Works delayed due to pool works taking priority, will now be completed in October	Low risk	On budget
18	Mossman Pool - Design	400,000	-	-	-	0%	Look to defer. Workshop to take place in September to confirm Council's vision	Low risk	0
19	Port Douglas Tennis Club Fence replacement around basketball court	11,000	79	12,878	12,957	80%	Works in progress to be completed end of September	Low risk	Over budget
20	Mossman Showgrounds - Disability access to toilets	10,000	111	-	111	5%	Confirming config on design and awaiting user groups comments	Low risk	On budget
21	Douglas Arts Base - Urgent Heritage works	17,000	18,045	-	18,045	100%	Completed	Completed	Over budget
22	Thornton Beach Café - External painting and repairs	12,000	-	4,800	4,800	25%	Works delayed due to pool works taking priority, will now be completed in October	Low risk	On budget
23	Port Douglas Sports Oval Master Plan	50,000	318	-	318	10%	Local clubs engaged. RFQ completed and in progress	Low risk	On budget
Building Facilities									
24	Port Douglas Community Hall	130,000	749	-	749	10%	Down light trials week of 1/10/19	Deliverables required to meet user group expectations	On budget
25	Diwan Depot Solar Power System	32,000	827	-	827	15%	Preparing project brief- RFQ through LG Tender in early October.	Issues with out-put and security.	On budget
26	Mossman Shire Hall - renewal of various items	150,000	406	25,500	25,906	20%	Consultant has been engaged and plans are being drawn up.	Budget constraints for works - identify deliverables	On budget
27	Mossman Admin and Flag Staff Hill - Install remote generator monitoring	50,000	671	-	671	15%	Sourcing cost for new generator and change over switch.	Utilise existing services -	On budget
28	Port Douglas Sugar Wharf - new toilets, track lights, fans	160,000	1,420	55,500	56,920	20%	Consultant has been engaged and plans are being drawn up.	Heritage compliance. User group & DHS consultation	On budget
29	Mossman Administration Building - automatic door repairs	16,000	827	6,714	7,541	40%	Works currently underway	Minimise impact on customer entry	On budget
30	Mossman Depot	70,000	557	-	557	15%	Consultant engaged to draw up design and engineering approvals for Quoting	Functionality and budget constraints	On budget
31	Water & Wastewater Treatment Plants	120,000	406	-	406	5%	Reviewing existing equipment prior to defining scope.	Utilise existing services -	On budget
32	Mossman Depot	25,000	2,100	-	2,100	15%	RFQ close's early October	Additional Budget Required	Over budget

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
33	Mossman Shire Hall - Airconditioning design	30,000	-	30,000	30,000	20%	🟢 Consultant has been engaged and plans are being drawn up.	🟢 Design to comply with Heritage restraints	🟢 On budget
34	Mossman Administration Building	12,000	-	-	-	5%	🟢 Preparing project brief- RFQ through LG Tender in Late October	🟢 Compliance with current laws on smoking area's	🟢 On budget
35	Safer Streets - CCTV & Solar Path lights (Grant funded)	350,000	31,666	164,325	195,990	30%	🟢 Contractor engaged, parts on order.	🟢 Satisfying user group / Public notification	🟢 On budget
	Fleet								
36	Fleet Renewal Program	700,000	-	203,185	322,344	60%	🟢 Receiving First and Second round of vehicles , third round RFQ Released, Pickles Auction Completed	🟢 Low Risk	🟢 on budget
37	Ride On Mower	7,000	126,046	-	6,888	100%	🟢 Project complete	🟢 Complete	🟢 Under budget
	Civil Works								
38	Tara Hill Road Culvert (Grant Funded W4Q)	450,000	5,569	16,843	22,412	15%	🔴 Culverts arrive 4/10/19, remaining funds to be re allocated.	🔴 Reallocation of \$400,000 in W4Q funds to Whyanbeel Causeway 1	🔴 rebudget in future years
39	Murphy Street, Port Douglas	1,500,000	26,059	6,280	32,339	0%	🟢 workshop 30/7, consultation 24/7	0 🟢	0 🟢
40	Davidson Street, Port Douglas (W4Q Grant funded)	500,000	6,376	333,150	339,526	10%	🟢 Contractor selected	🟢 Low risk	🟢 Under budget
41	Drainage Program - Multi Minor Projects	200,000	56,377	8,846	65,223	30%	🟢 side entry pit upgrades underway, survey of Davidson Street drainage commenced.	🟢 Low risk	🟡 On budget
42	Diggers Pedestrian Bridge	250,000	34,084	1,112	35,197	25%	🟢 table installed, possible redistribution of funds to Warner Street Soft Approach.	🟢 Low risk	🟢 Under budget
43	Reef Park Ultimate Design	110,000	1,131	108,500	109,631	15%	🟢 Trinity Engineering Engaged - Detailed Design programmed to commence Designing in November	🟢 Low risk	🟢 On budget
44	Alexandra Range	100,000	-	-	-	10%	🟢 Design to be undertaken December/January	🟢 Weather conditions to undertake Survey	🟢 Expected to be on budget
45	Reseal Program	1,050,000	35,347	5,400	40,747	10%	🟢 Crack seal commencing, Ponzo road RFQ being prepared for Release.	🟢 Low Risk	🟢 Expected to be on Budget
46	Disability Infrastructure Upgrades	75,000	4,021	-	4,021	20%	🟢 Construction commencing October 19	🟢 Low Risk	🟢 On budget
47	Whyanbeel Causeway Upgrade (Grant Funded W4Q)	600,000	1,492	961,760	963,252	15%	🟢 Contractor selected	🔴 Additional Budget Required	🔴 Additional Budget Required
48	Atoll Close Drainage Upgrades	150,000	1,772	17,349	19,122	15%	🟢 Site survey completed, construction to commence mid October.	🟢 Weather	🟢 On budget
49	Melaleuca Drive, Cooya Beach	135,000	953	4,545	5,498	15%	🟢 Survey completed, Materials on order, to commence October	🟢 Weather	🟢 On budget
50	Warner Street Soft Approach	250,000	180,000	20,000	200,000	30%	🟢 construction underway	🟢 Continuous monitoring of Rosewood Tree	🔴 Budget review required
51	Finlay Crescent, Oak Beach	30,000	610	-	610	15%	🟢 Construction scope confirmed, and proceeding with land acquisition.	🟢 Low risk	🟢 On budget
52	Kerb and Channel Program	100,000	696	-	696	0%	🟢 Warner Street - Detailed Design Completed confirming services locations Clearing and Grubbing Completed	🟢 Weather	🟢 on budget
53	Drainage Inspection Program	30,000	-	-	-	20%	🟢 ordering camera	🟢 Low risk	🟢 On budget
54	Gate for Drumsara	30,000	627	11,265	11,892	15%	🟢 PO sent to supplier, gate manufacture commenced	🟢 On track and on time	🟢 Under budget
55	Mowbray Street, Port Douglas	18,000	25,378	-	25,378	100%	🟢 Completed	🟢 Completed	🔴 Over budget
56	Footpath Lighting Master Plan	25,000	-	-	-	10%	🟢 Contractor selected	🟢 Low risk	🟢 On budget
57	Portable flood barriers (Grant funded)	17,000	17,352	-	17,352	100%	🟢 Completed	🟢 Completed	🔴 Over budget
58	Miallo State School Carpark Renewal	40,000	-	-	-	10%	🟡 need confirmation of grant	🟡 work around school traffic	🟡 need confirmation of grant
	Public Spaces								
59	Dog Park	145,000	610	-	610	15%	🟢 location to be workshopped 22/10/19.	🟢 Low risk	🟢 On budget
60	Park Shade Sail Renewal Program	50,000	586	-	586	20%	🟢 RFQ completed, purchasing under local buy contract	🟢 Low risk	🟢 On budget
61	Port Douglas CBD Blueprint Planning Project	300,000	1,626	-	1,626	10%	🟢 Multiple projects underway	🟢 Low risk	🟢 On budget
62	Playground Renewal Program	525,000	11,170	12,760	23,930	15%	🟢 Project has been scoped. Drafting RFQ possible local buy contract.	🟢 Low risk	🟢 On budget
63	Macrossan Street Improvements	200,000	39,316	615	39,931	20%	🟢 Landscaping underway. Irrigation infrastructure completed, RFQ released for Garden beds and Owen St intersection upgrade, response due 4/10/19	🟢 Low risk	🟢 On budget
64	Wheelchair access from path at Port Haven to Four Mile Beach	15,000	8,326	7,284	15,610	20%	🟢 Contractor selected	🟢 Low risk	🔴 Over budget
65	Parks Renewal Program	1,500,000	2,694	9,688	12,382	15%	🟢 Park inspections completed . Renewal phase underway	🟢 Low risk	🟢 On budget
66	Water Park Options	100,000	40,714	-	40,714	20%	🟢 Economic assessment	🟢 Low risk	🟢 On budget
67	Welcome Signage, Captain Cook Highway, Craiglie	50,000	1,947	-	1,947	5%	🟢 Scoping of project underway	🟢 DTMR approvals and scope	🟢 On budget
	Environment & Planning								

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
68	Mossman Pound Renewal	50,000	-	-	-	10%	🟢 Quotes have been received for the floor upgrade and a decision is pending. RFQ's for fence and completion of exercising pen have been sent and are due back to Council 27/9/19. These works will likely be scheduled for mid October.	🟢 Low risk	🟢 On budget
69	Refurbish Pile Moorings at Port Douglas Boat Harbour	30,000	-	-	-	15%	🟢 Contractor has been on site to survey requirements and quote received but awaiting itemisation.	🟢 Low risk	🟢 On budget
70	Port Douglas Wastewater Treatment Plant Solar Project Stage 2	100,000	38,089	-	38,089	15%	🟢 Soil testing completed indicating the land is suitable for solar. Officers will now negotiate with DNRM to secure land.	🟢 Land currently owned by DNRM	🟢 On budget
71	Undertake actions outlined in the Coastal Hazard Adaptation Strategy	65,000	-	-	-	5%	🟢 Exploring collaboration opportunity with GBR Legacy, met with them on 12Aug2019, currently awaiting proposal report/costings.	🟢 Low risk	🔴 Expected to be over budget
Resource Management									
72	Big Fan installation Killaloe Transfer Station Work Shed	12,000	-	-	-	0%	🟢 Currently formulating RFQ with view to commence install before the end of October. Waste Levy issues have taken priority.	🟢 Low risk	🟢 On budget
73	Resource Recovery Shed at Killaloe Transfer Station (W4Q Grant Funded)	565,000	16,280	-	16,280	5%	🟢 Geotechnical Report Received. QFES Audit Received. Quotes being sourced for engineering.	🟡 Budget, Wet Season, QFES Requirements	🔴 Expected to be over budget
74	Killaloe Well Liftpart replacements	17,000	-	4,443	4,443	0%	🟢 Scheduled Oct 2019. Engaged Xylem for servicing, identified repairs and recommendations.	🟡 Xylem availability for further required works	🟢 On budget
Disaster Management									
75	VMS Board	30,000	-	26,035	26,035	50%	🟢 Contractor selected	🟢 Low risk	🟢 Under budget
76	Installation of two automatic rain gauges (Upper Daintree and Bloomfield).	46,000	366	-	366	5%	🟢 Ground truthing of sites to occur in October with local residents of China Camp area. Transmission options being discussed with contractor.	🟢 Low risk	🟢 On Budget
77	Upgrade automated road warning signs at Anich and Foxton Bridges	44,000	-	-	-	0%	🟢 -	🟢 Low risk	🟢 On Budget
78	Automatic rain gauges at the Port Douglas Wastewater Treatment Plant and Craiglie Pump Station	30,000	-	-	-	0%	🟢 -	🟢 Low risk	🟢 On Budget
79	Automatic river level gauge and two flood cameras for Daintree Ferry area (Grant funded)	70,000	-	-	-	0%	🟢 Site visit with PMO being coordinated	🟢 Low risk	🟢 On Budget
80	Purchase of flood mapping over Shire	20,000	-	-	-	0%	🟢 In discussions with mapping developer	🟢 Low risk	🟢 On Budget
81	Upgrade of Guardian IMS disaster management system to Cloud based	5,000	-	6,800	6,800	75%	🟢 Visit from contractor has occurred and software layout completed. IMS training to occur in November.	🟢 Low risk	🟢 Over budget
82	Portable two-way radio base and antenna	8,500	-	-	-	50%	🟢 Testing continuing with portable mast and radio base to finalise requirements for sites particularly Daintree. Radio base system design finalised.	🟢 Low risk	🟢 On Budget
Wastewater									
83	Manhole Raising and Resealing, HCB Lines, Sewer Main Replacements	250,000	34,955	72,582	107,537	30%	🟢 50% Manholes currently manufactured, progressing well. Under bore of PN 16 Poly rising main completed. JDP AWARDED RECTIFICATION OF MANHOLE INFILTRATION IN NORTH MOSSMAN - Mid October start date given.	🟢 Weather	🟢 Expected to be on budget
84	Sluice Valve Renewal	60,000	12,294	20,826	33,121	50%	🟢 RFQ closed and awarded to Koppens Dev. Delivery date: TBC (start by end Nov latest)	🟢 Environmental	🟢 Expected to be on budget
85	Wastewater Treatment Plant Radio Transmitter Unit and SCADA Upgrades - Assessment Stage	40,000	2,285	10,493	12,778	10%	🟢 Welcon awarded contract for SCADA aspect. Will be onsite 2/10/10 Historian aspect RFQ now closed and is being assessed.	🟢 Low Risk	🟢 Expected to be on budget
86	Wastewater Pump Renewals	80,000	19,720	9,621	29,341	25%	🟢 Some pumps ordered. Waiting on Xylem to service pumps from 14th October to 25th October to determine replacement pumps needed	🟢 Low Risk	🟢 Expected to be on budget
87	Flow meters to Pump Stations - High filtration areas only	20,000	20,078	-	20,078	85%	🟢 Works mostly completed. Some invoices to be finalised. One extra to be installed at 4A SPS first week of October	🟢 isolation of flows	🟢 Over budget
88	Biowin/Desktop Modelling to Upgrade Port Douglas Wastewater Treatment Plant	55,000	1,380	-	1,380	5%	🟢 Pending receipt of GHD report - being followed up today (25/9/19)	🟢 Low Risk	🟢 On budget
89	Port Douglas Wastewater Treatment Plant Aerators and Diffusers Assessment	66,000	358	9,700	10,058	5%	🟢 RFQ closed 24/09/2019. Pending assessment outcome	🟢 Low Risk	🟢 On budget
90	Port Douglas Wastewater Treatment Plant Road Upgrade	132,000	235	-	235	5%	🟢 Options being considered currently for best approach to road upgrade. Ergon design stage to move staywire.	🟢 Low Risk	🟢 On budget
91	Upgrade Pipework to North Mossman Sewer Pump Station	25,000	239	-	239	5%	🟢 Initial consultation with Xylem	🟢 Risk of increasing flow could cause issues down stream	🟢 May be over budget
92	Sewer Pump Station Lids	50,000	1,293	29,318	30,611	50%	🟢 Purchase Order raised for McBens. Expected delivery in next 2 weeks and installed by mid november.	🟢 Low Risk	🟢 Expected to be on budget

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
93	Fixed Generators at Sewer Pump Stations x 2	115,000	51,101	21,854	72,955	25%	RFQ for electrical component closes on 26/09/2019. Survey undertaken by RPS at MB site to determine land ownership and availability of space in that location. RFQ for building of anti-vandal sheds to be sent out this week.	Low Risk	Expected to be over budget
94	Mossman Wastewater Treatment Plant Lime Dosing Equipment Assessment of Chemical Dosing - Consultant costs	40,000	1,634	-	1,634	5%	Dosing options discussed with Process Engineer. A trial is to be implemented using caustic soda instead of lime for a month once other site aspects completed - planned prior to Christmas period.	Trial outcomes	Expected to be on budget
Water Quality									
95	Water Treatment Plants PLC SCADA Equipment Renewals	18,000	-	-	-	0%	Not started	Low risk	On budget
96	Water Treatment Plants Radio Transmitter Unit and SCADA Upgrades - Assessment Stage	50,000	1,473	10,493	11,967	10%	Welcon awarded contract for SCADA aspect and PO issued. Will be onsite 2/10/19. Historian aspect - RFQ now closed and is being assessed.	Low risk	On budget
97	Mossman Water Treatment Plant CIP Filter Replacement	28,000	29,411	-	29,411	95%	Site installation complete, final scada engineering work underway.	Low risk	Over budget
98	Water Treatment Plants Instrument Process Control Renewals Program	69,000	3,896	8,684	12,580	10%	Purchasing under way, progressive spend over 12months.	Low risk	On budget
99	Mossman Treated Water Reservoir Relining Assessment	50,000	2,964	-	2,964	5%	Reviewing existing network connection between Moss Res & Port Res	Low risk	On budget
100	Whyanbeel Water Treatment Plant New Residual Treatment Plant - Design Stage	70,000	-	-	-	5%	Discussion about way forward finalised. Reduced scope to be investigated.	Low risk	On budget
101	Communication System Upgrade to Ethernet at Water Treatment Plants	70,000	1,057	49,572	50,629	10%	Welcon engaged on project. Will be onsite 2/10/19	Low risk	On budget
102	Water Treatment Plants Pump Overhauls	90,000	-	-	-	5%	RFQ Closed - Assessment stage underway	Low risk	On budget
103	Water Treatment Plants Air Compressor Renewals	75,000	1,100	56,118	57,218	10%	QLD Air awarded contract. PO issued. Dates TBC.	Low risk	On budget
104	Daintree Water Treatment Plant Genset External Fuel Tank and Structural Renewal	20,000	4,146	-	4,146	10%	RFQ issued for structural aspect and closes on 18/10/2019	Low risk	On budget
105	Craiglie Reservoir Upgrades (chlorine dosing)	150,000	750	-	750	1%	Project Briefing Started	Potential Organisational Risk	On budget
Water Reticulation									
106	Rex Creek Aerial Trunk Main Renewals	400,000	28,432	-	28,432	25%	Currently reviewing heat wrap products to determine best options to avoid cutting pipe ongoing - materials etc. ordered. Some renewals completed.	Environmental, road traffic, permits	Expected to be on budget
107	Water Network Service Renewals Program	500,000	187,559	79,827	267,386	40%		Low risk	On budget
108	Automatic Flushing Stations x 4	30,000	-	-	-	0%	on hold	0	Reallocate budget
109	Smart Meter Trial	100,000	-	-	-	0%	consult with community program	Low risk	Under budget
110	PRV and District Metering - Design Stage	44,000	469	-	469	30%	PRV: Individual residents vs locality area aspects being considered currently. Dist. Metering: Some capacity identified that may provide further info re gen. use etc.	Potential for residential impact	Expected to be on budget
111	Cooya Beach Reservoir Pipeline - Design Stage (feasibility)	110,000	1,137	-	1,137	15%	Feasibility of proposed path underway - pending advice	Land tenure, alignment	Expected to be on budget
112	Daintree Intake - Pipework and Access Track Renewal	100,000	235	-	235	2%	RFQs currently underway for various aspects of project: - Track improvements - "Flying Fox" - Materials for intake upgrade	Low risk	Expected to be on budget