

5.5. CAPITAL WORKS PROGRESS REPORT FOR THE 1ST QUARTER 2017 - 2018

REPORT AUTHOR(S): Michael Kriedemann, Manager Infrastructure
Nicholas Wellwood, General Manager Operations

DEPARTMENT: Operations

RECOMMENDATION

That Council receives and notes the progress of the Capital Works Program to the 30 September 2017 for the 2017 - 2018 financial year.

EXECUTIVE SUMMARY

Council adopted a capital work budget in excess of nineteen (19) million dollars for the 2017 – 2018 financial year. Attachment 1 to this report details the progress of the capital works program for those works with a budget of \$10,000 or more for the period of 1 July 2017 to 30 September 2017.

The majority of works have progressed in line with expectations and as at 30 September 2017 a total of 5 projects have reached practical completion. There were 31 projects carried forward from the 2016 – 2017 financial year with 16 reaching practical completion in the first quarter of 2017 – 2018 and 12 other projects to be completed by the end of November 2017 under the 'Works for Queensland' State Government grant.

Overall, the delivery of the 2017 – 2018 capital works program has been excellent with 25% of the budget spent (\$4.7 million) and a further 43% committed (\$8.2 million) to 30 September 2017.

It is anticipated that with new management skills being gradually introduced into the organisation that better project planning, five-year project programs and improved project delivery will occur. It has been apparent that the lack of middle management in the Shire over the amalgamation years has exposed a need for the up-skilling of Council staff in project planning, management and delivery. Staff have performed exceptionally well in the circumstances and the quality of work and efficiency of staff in the delivery of projects in house should be commended.

BACKGROUND

Council adopted a budget for the delivery of capital works in the Shire for the 2017 - 2018 financial year. Attachment 1 gives a summary of the progress of the capital works program for the period 1 July 2017 to 30 September 2017.

To better manage our ongoing Capital Projects, a new 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.

The majority of works have progressed in line with expectations and as at 30 September 2017 a total of 5 projects have reached practical completion. There were 31 projects carried forward from the 2016 – 2017 financial year with 16 reaching practical completion in the first quarter of 2017 – 2018 and 12 other projects to be completed by the end of November 2017 under the 'Works for Queensland' State Government grant.

Under the deed of agreement, the 'Works for Queensland' projects are required to be completed by 30 November 2017 and are progressing well and in line with project plans.

During the first quarter, a number of projects from the 2017 – 2018 budget reached practical completion. Below is a list of these projects:

1. Footpath renewal program;
2. Maintenance to the Zig Zag Track;
3. William Street footpath;
4. Automated irrigation at the Port Douglas Sports Centre; and
5. Replace turbidity meters at the Daintree Water Treatment Plant.

Additionally, a number of projects from the 2016 – 2017 budget reached practical completion. Below is a list of these projects:

1. Mossman Library Painting;
2. Safer Streets Grant: Install Security Cameras – Mossman Shire Hall;
3. Safer Streets Grant: Install Security Light Camera – George Davis Park;
4. Daintree Gateway Western Precinct Car & Coach Parking Upgrade;
5. Flagstaff Hill Walking Track stage 1;
6. Killaloe Transfer Station: Recycle Shop Drop off Point;
7. Killaloe Transfer Station: Construction of an enclosed shed for cardboard storage;
8. Automatic water level gauge at Barratt Creek, Daintree;
9. Install electronic flood and road closure signage at Anich Bridge;
10. Install electronic flood and road closure signage at Foxtan Bridge;
11. Sewer Reticulation: CCTV investigation, sewer relining of reticulation system and refurbishment of house connection branches;
12. All sewer pump stations: switchboard, soft starters, VSD's, telemetry, flow monitoring and infrastructure connection upgrade;
13. Marrs Creek water mains relocation;
14. Whyanbeel WTP Gas chlorination project;
15. Whyanbeel UF filter cartridges (36); and
16. Mossman WTP gas chlorination installation.

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

FINANCIAL/RESOURCE IMPLICATIONS

Overall, the delivery of the 2017 – 2018 capital works program has been excellent with 25% of the budget spent (\$4.7 million) and a further 43% committed (\$8.2 million) to 30 September 2017.

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.

All areas of Council's Operations Department are now developing three (3) and five (5) year capital works programs which provide a clear strategy for delivery of capital works projects and allow for the necessary planning and financing to occur. It is pleasing that the majority of projects have been delivered well within budget and in most cases by Council staff.

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 2014-2019 Initiatives:

Theme 2 Building Sustainable Economic Base

Goal 1 – To develop a sustainable Capital Works program that generates local opportunities for employment

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:

Asset Owner: Meeting the responsibilities associated with owning or being the custodian of assets such as infrastructure.

Fully Responsible: Funding the full cost of a program or activity.

CONSULTATION

Internal: Consultation has been undertaken with the Managers and Coordinators within the Operations Department and with the Management Team.

External: Nil.

ATTACHMENTS

1. Capital Works Report to 30 September 2017 **[5.5.1]**

	Project Name	2017/2018 Budget (incl. carryover)	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
	Building Facilities						
1	Wonga Caravan Park - Electrical Supply Upgrade	95,000	23,146	60%	🟡 Ergon have finished most of installation works. New distribution box expected to be installed early November.	🟢 Adequate supply / install through off-season	🟢 Expected to be on budget
2	Mossman Library Painting	55,000	46,072	95%	🟡 Harness points to be installed - waiting on contractor.	🟢 Weather - rain. Supply of materials.	🟢 Expected to be on budget
3	Fire Hoses for Mossman Van Park	40,000	54,910	50%	🟡 Project in delivery phase. Unable to install in Van Park due to high occupancy.	🟢 Adequate supply. High occupancy disruption.	🔴 Expected to be over budget by \$20,000. Will be requested at budget review.
4	Safer Streets Grant: Install Security Cameras - Mossman Shire Hall	14,271	12,771	95%	🟡 Lights and cameras installed.	🟢 Price rises, weather constraints during delivery	🟢 Expected to be on budget
5	Safer Streets Grant: Install Security Light Camera - George Davis Park	20,000	19,281	95%	🟡 Lights and cameras installed. Final stage is to install Wifi.	🟢 Price rises, weather constraints during delivery	🟢 Expected to be on budget
6	Mossman Administration Donga roof	90,000	36,324	40%	🟢 Project awarded, delivery phase	🟡 Weather - rain. Supply of materials	🟢 Expected to be well under budget
7	Mossman Depot - replace roofing iron on main depot roof - Stage 1	60,000	23,240	60%	🟢 Completed initial works, waiting for costings so scope of Stage 2 can commence	🟢 Weather - rain. Supply of materials	🟢 Expected to be on budget
8	Mossman Library - Replace all internal lighting fittings and tubes	45,000	991	20%	🟢 Trial has been successful - preparing project brief	🟢 Low risk	🟢 Expected to be on budget
9	Mossman Depot - Fire alarm system	15,000	12,421	80%	🟢 Initial installation complete - sourcing quote for remote monitoring	🟢 Low risk	🟢 Expected to be on budget
10	Mossman Shire Hall - install smoke detectors	30,000	24,445	60%	🟢 Contractor selected - Installation underway	🟢 Low risk	🟢 Expected to be on budget
11	Port Douglas Sugar Wharf - Prepare engineering report (headstock and pylons)	40,000	25,994	60%	🟢 Contractor selected - inspection completed - documentation being drawn up	🟢 Delivery cost - minimal risk	🟢 Expected to be on budget
12	Mossman Nursery/Mossman Depot - Hazardous chemical storage facility	60,000	12,702	50%	🟢 New Chemical store on order	🟢 Meeting expectations of stake holders	🟢 Expected to be on budget
13	Daintree Ferry (North side) - install public toilet (W4Q grant funding)	120,000	170,596	50%	🟡 Construction underway	🟡 Delivery time frame, weather	🔴 Expected to be over budget by \$50,000. Will be requested at budget review.
14	Sugar Wharf - Reinstate old door and replace access ramp	100,000	106	10%	🟢 Project brief to be ready 17 October	🟢 Weather - rain. Supply of materials	🟢 Expected to be on budget
15	Mossman Depot - Lunchroom	100,000	319	10%	🟢 Investigating costs, staff consultation	🟢 Meeting staff expectation while within budget	🟢 Determining cost compared to budget
16	Daintree Ferry - land based boom gates	50,000	524	5%	🟢 Project brief to be ready by 17 October	🟡 No power - design needs to work effectively	🟢 Expected to be on budget
	Property Services						
17	Wonga Beach Caravan Park - construction of reception/office/ meeting room	120,000	68	5%	🟢 Project design phase. Tender out in October.	🟢 Weather	🟢 Expected to be on budget
18	Diwan Community Facility - Cricket Club shed maintenance / upgrade	60,000	419	5%	🟢 Tender documents developed. Electrical works October. Relining works November.	🟢 Nil	🟢 Expected to be on budget
19	Diwan Sound Shell	120,000	6,647	5%	🟢 Project design phase. Tender out in October.	🟡 Weather	🟢 Expected to be on budget
20	Dabs Arts Centre - replace timber floor boards	20,000	13,989	5%	🟢 Contract let. Works to commence 1 October.	🟡 Potential asbestos floor tiles under existing floor coverings	🟢 Expected to be on budget
21	Mossman Pool - Sport & Rec Masterplan	50,000	-	0%	🟢 Scope of works developed. Seek grants in December to expand scope.	🟢 Nil	🟢 Expected to be on budget

	Project Name	2017/2018 Budget (incl. carryover)	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
22	Mossman Pool - regrout tiles, repair water leaks and sand filter	200,000	101,644	10%	Stage 1 works completed. Stage 2 - Water filtration & pump replacement design works under development - works to commence in April.	Nil	Expected to be on budget
23	Port Douglas Sports Complex - Sport & Rec Masterplan	30,000	-	5%	Scope of works developed. Seek grants in Dec to expand scope.	Nil	Expected to be on budget
24	Port Douglas Sports Complex - Upgrade kitchen	60,000	1,534	5%	Design agreed to by all user groups. Seeking quotes.	Nil	Expected to be on budget
25	Port Douglas Waterfront - Masterplan for Lot 96 & surrounding areas	80,000	681	0%	Scope of works developed. Grant applied for and now waiting outcome of grant application.	Insufficient funding	Pending outcome of grant application
26	Flagstaff Hill Communications Tower - roof replacement, external painting	40,000	8,963	0%	Scope has been developed. Seeking quotes.	Weather	Expected to be on budget
27	Port Douglas Sports Complex - refurbish outside of building (W4Q grant funding)	60,000	51,167	0%	Contractor has commenced works	Nil	Expected to be on budget
28	Port Douglas Sports Complex - refurbish change rooms (tiles, partitions, etc) (W4Q grant funding)	40,000	19,902	0%	Contractor has commenced works. Additional tiling works identified in kitchen and umpires change room to be completed.	Nil	Expected to be on budget
	Fleet						
29	Fleet renewal program	500,000	64,497	20%	Quotes for 2 trucks, 4 utes, 1 van close mid October	Low risk	Expected to be on budget
30	Quick spray unit renewals	25,000	23,889	50%	Quotes received, unit on order	Low risk	Expected to be on budget
	Civil Works						
31	Bridge renewal program	650,000	292,414	45%	Zamboni and Poletti shovel ready, Diggers DA to be submitted. Stewarts repairs scheduled. Degarra and Nursery pedestrian bridge repairs complete. Whyanbeel in preliminary design.	Design solution	Under budget
32	Stormwater drainage investigations in the Port Douglas area	40,000	2,391	15%	RFQ released 19 September.	Design solution	Expected to be on budget
33	Flagstaff Hill Scenic Lookout upgrade	75,000	33,120	60%	Native title process unsuccessful, revert to installing new fence.	Native title	Budget is sufficient
34	Daintree Gateway Western Precinct Car & Coach Parking Upgrade	497,000	481,123	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
35	Reseal program	1,200,000	1,161,306	10%	Contractor engaged, expected start 30 October for 20 days	Weather	Expected to be on budget
36	Kerb & Channel program	200,000	10,836	10%	Scoping finalised, works commenced mid September and progress throughout year	Weather	Expected to be on budget
37	Footpath renewal program (W4Q grant funding)	200,000	183,462	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
38	Gravel resheet program	250,000	277,777	70%	Work progressing to program	Weather	Expected to be over budget.
39	Underground drainage pipe replacement investigation	100,000	641	10%	Preliminary planning stage, task allocation	Low risk	Expected to be on budget
40	North of Ferry road line remarking	40,000	22,065	80%	Line marking on range complete, centre barriers at mirror corner to be installed.	Nil	Expected to be under budget
41	Port St pavement reconstruction	50,000	212	10%	RFQ expected back mid October, works expected mid November	Weather	Expected to be on budget

	Project Name	2017/2018 Budget (incl. carryover)	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
42	Cape Tribulation traffic calming and associated drainage works (W4Q grant funding)	150,000	20,510	20%	Design complete, RFQ closed and awarded. Contractor start mid October.	Low risk	Expected to be on budget
43	Warner St drainage and footpath works - Design	75,000	1,460	15%	RFQ released via vendor panel	Nil	Expected to be on budget
44	Kulki National Park intersection works (W4Q grant funding)	250,000	23,598	20%	Design complete, RFQ closed, award early October. Contractor start mid October.	Low risk	Expected to be slightly over budget
45	Maintenance to Zig Zag track (W4Q grant funding)	80,000	66,866	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
46	Level 4 Condition Culvert (3 x 2700CSP) 8042 Forest Creek Road	230,000	6,882	15%	Design completed and ordering of material underway. Internal construction planning.	Weather	Expected to be on budget
47	Level 4 condition Culvert (2 x 2100CSP) 8021 Upper Daintree Road	155,000	17,082	15%	Design completed and ordering of material underway	Weather	Expected to be on budget
48	Jack St footpath	210,000	30,350	55%	Work commenced 11 September	Low risk	Expected to be well under budget
49	Teamster's Park maintenance for RV parking (W4Q grant funding)	150,000	95,144	55%	Civil works completed. Dump point installed. Shelters and furniture ordered.	Low risk	Expected to be on budget
50	William St footpath	120,000	12,706	95%	Project completed. Financials and capitalisation to follow.	Low risk	Expected to be under budget
51	Lot 96 Fishermens	75,000	212	5%	Scoping	Regulatory approvals and operational works	Expected to be on budget
52	Gorge Rd reconstruction	50,000	1,103	10%	Awaiting confirmation of co-funding, work scheduled for October.	Co-funding	Expected to be on budget
	Public Spaces						
53	Flagstaff Hill Walking Track Stage 1	225,000	254,091	95%	Project completed. Financials and capitalisation to follow.	Complete	Over budget
54	Port Douglas disability ramp construction	70,000	31,740	35%	Materials ordered awaiting delivery	Design may exceed budget amount	Insufficient budget to construct. Will be requested at budget review.
55	Playground renewal program	50,000	45,666	30%	Contractor engaged	Low risk	Expected to be on budget
56	Shade Sail upgrades	50,000	42,184	30%	Contract awarded, commenced 21 September	Low risk	Expected to be under budget
57	George Davis Park renewal	50,000	38,524	30%	Contractor engaged	Low risk	Expected to be under budget
58	Mossman Rugby League Club lighting design (Showgrounds)	50,000	-	0%	Waiting to see if playing field to be relocated	Relocation of playing field effecting deliverables	On hold
59	Automated irrigation at Port Douglas Sports Complex (W4Q grant funding)	75,000	63,357	95%	Installation works complete. Repairs to playing surface to occur mid October.	Possible disruption to club events	Expected to be on budget
60	Extensions to Flagstaff Walking Track (W4Q grant funding)	550,000	621,352	40%	Contractor commenced on site	Tight deliverable time	Tender awarded, is over allocated budget amount. Will be requested at budget review.
61	Reinstallation of Historic Flagstaff	40,000	317	25%	Procurement phase RFQ in progress	Compliance with historical society expectations	Expected to be on budget
62	Streetscape Master Plans for Macrossan St & Front St	100,000	524	1%	Scoping options	Low risk	Expected to be on budget
	Resource Management						
63	Cow Bay Transfer Station: Site office renewal	50,000	60909	90%	Plumbing works to be finalised and building final to be undertaken	Low risk	Expected to be over budget. Will be requested at budget review.
64	Cow Bay Transfer Station: Traffic Ramp upgrade	61,000	50759	90%	Complete - a couple of minor amendments	Low risk	Expected to be under budget

	Project Name	2017/2018 Budget (incl. carryover)	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
65	Killaloe Transfer Station: Recycle Shop Drop Off Point	20,000	18680	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
66	Killaloe Transfer Station: Construction of an enclosed shed for cardboard storage	50,000	38445	95%	Shed completed. Waiting on building final	Low risk	Expected to be on budget
67	Transfer Station Upgrade & Signage (W4Q grant funding)	265,000	135691	40%	Cow Bay Hazardous Waste Shed complete. Killaloe Long Bay Recycle Shed slab complete and shed erected. Drop off apron and signage design prepared. Asphalt and drainage prep underway.	Contractor availability	Expected to be on budget
Disaster Management							
69	Automatic water level gauge at Barratt Creek, Daintree	30,000	37589	95%	Installation completed. Testing and capitalisation phase	Nil	Over budget. Will be requested at budget review.
70	Install electronic flood and road closure signage at Anich Bridge	80,000	83335	95%	Installation completed. Testing and capitalisation phase	Nil	Slightly over budget. Will be requested at budget review.
71	Install electronic flood and road closure signage at Foxton Bridge	42,400	54181	95%	Installation completed. Testing and capitalisation phase	Nil	Over budget. Will be requested at budget review.
Sewerage							
72	Mossman WWTP: Construction of Mossman River Bank Stabilisation	1,799,995	156,777	20%	Tenders closed and assessed. Report going to Council on 10 October.	Environmental, Budget, Program, Land Management issues	Unknown, dependent on design
73	Mossman WWTP: Inlet works, screening and grit removal	309,940	215,126	20%	Construction completion will be in 2017/18 due to design changes. Works onsite mid September. Late Sept, mid Oct completion.	Environmental conditions (wet weather)	Some variations may cause over budget
74	Sewer Reticulation: CCTV investigation, sewer relining of reticulation system and refurbishment of house connection branches	1,591,872	1,646,856	95%	Project completed. Financials and capitalisation to follow.	Complete	Over budget. Will be requested at budget review.
75	Port Douglas WWTP SBR inlet valves	60,000	34,368	80%	Materials ordered. Orders raised for installation.	Delivery of materials - being manufactured in India and delivery put back until October	Expected to be on budget
76	Mossman WWTP: Upgrade of plant to meet flow requirements in EHP licence and quality requirements for recycled water	200,000	98,449	75%	Negotiations with EHP continuing. Consultant engaged.	Nil	Expected to be on budget
77	All Sewer Pump Stations: Switchboard, soft starters, VSDs, telemetry, flow monitoring and infrastructure connection upgrade.	115,000	61,961	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
78	Sed basin for Port Douglas WWTP pre treatment	275,000	284,010	80%	Screening box & flow meter and pump to be installed. Electrician to connect.	Low risk	Over budget. Will be requested at budget review.
79	Construction of 2nd clarifier at Mossman WWTP	400,000	746	5%	Design complete. Procurement to commence end October	Weather	Expected to be on budget
80	Sewer pump stations switchboard and pipework upgrade	100,000	3,948	10%	Out to tender	Contractor hold ups	Expected to be on budget
81	Sewer Relining - Port Douglas	500,000	190,523	30%	Purchase order placed for instalment	No availability given from contractors as uncontactable overseas	Expected to be under budget
82	Safety Lids Port Douglas WWTP Inlet Works and Outflow - Supply and fit	25,000	36,635	50%	Waiting on contractors to manufacture and install	Contractor hold ups	Over budget
83	Aeration Blowers - Supply/Overhaul	25,000	9,844	50%	Purchase order raised for new blower. Delivery expected in October. Reconditioned blower ordered for overhaul.	Delivery times could vary	Expected to be under budget
84	Port Douglas WWTP Belt Press & Conveyors (Supply, conveyors, air compressor, batching system, dosing system, belt press, shed, switchboard)	740,000	6,307	40%	Tenders closed and assessed. Report going to Council on 10 October.	Delivery on time and under budget	Expected to be under budget

	Project Name	2017/2018 Budget (incl. carryover)	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
85	Mixers Mossman WWTP Aerators 1 & 2 - Supply & Installation	35,000	720	10%	RFQ closed, evaluation to be completed	Budget	Expected to be slightly over budget
86	Manhole sealing and Rehabilitation Program	80,000	70,671	50%	Contractors commencing on 16 October and have given target completion of work by 31 October	Weather access and sewer chocking	Expected to be on budget
87	Sheraton Mirage Flow Meter Installation	100,000	427	15%	Meeting held in August regarding commitment as a joint project with Fullshare. No commitment finalised to date.	Commitment and party agreement	Expected to be on budget
	Water Reticulation						
88	150mm diameter connection between Mossman and Whyanbeel water plants	200,000	25,063	10%	Quote received. Design still being investigated. State approvals to be investigated.	Wet weather. Main Roads permit approvals	Prices received for upgrade from 150mm to 225mm - exceeds budget
89	Marrs Creek water mains relocation	70,000	63,422	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
90	Phase 1 Implementation of water supply security	250,000	881	10%	Prices received for PolyPipe and fittings. Quotes received.	Nil	Expected to be within budget
91	Upgrade 80mm AC to 100mm DCL program (Wharf St)	40,000	4,076	10%	Materials arrived. Cable locating to occur mid October.	Tourist season. Anticipate to commence after DMR have completed their works.	Expected to be within budget
	Water Treatment						
92	20ML Reservoir - Port Douglas; Crees Rd	13,732,961	11,004,365	30%	Close control required to keep to program. Works has commenced on site. To be completed in January 2018	Time. Design changes. Latent foundation conditions	Expected to be within budget
93	Whyanbeel WTP Gas chlorination project	120,000	227,653	95%	Project completed. Financials and capitalisation to follow.	Budget	Over budget. Will be requested at budget review.
94	Install Centrifugal Turbidity clarifier at Mossman WTP	150,000	43,094	70%	Installation of hydrocyclones and all pipework underway. Planning of all site electrical/scada work underway.	Drinking Water Quality Management Plan Approvals	Anticipate to be within budget
95	Whyanbeel UF Filter Cartridges (36)	215,000	177,407	95%	Project completed. Financials and capitalisation to follow.	Complete	Under budget
96	Mossman WTP Gas chlorination installation	340,000	478,953	95%	Project completed. Financials and capitalisation to follow.	Complete	Over budget. Will be requested at budget review.
97	Back wash water discharge package plant at Mossman WTP	731,000	4,444	5%	Tenders closed and assessed. Report going to Council on 10 October.	Water quality	Expected to be on budget
98	Mossman WTP Back wash water filter system	30,000	8,454	10%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
99	Design of Craigie Roof	30,000	319	5%	Contractor inspecting mid October	Low risk	Expected to be on budget
100	EBS Prefilters	240,000	14,421	5%	Scope prepared, RFQ to be let	Operational risk	Expected to be under budget
101	52 cartridges for Mossman WTP	360,000	253,049	60%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
102	Network protection valving associated with new Craigie Reservoir	25,000	742	5%	Works to commence in conjunction with reservoir pipework	Water supply	Expected to be on budget
103	Replace turbidity meters at Daintree WTP	15,000	17,528	95%	Meters installed, final testing and commissioning underway	Low risk	Expected to be slightly over budget
104	Replace raw water pre filters at Daintree WTP	25,000	14,197	20%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget

	Project Name	2017/2018 Budget (incl. carryover)	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
105	Backwash water filter replacement at Daintree WTP	10,000	2,846	20%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
106	Replace UF Filter cartridges at Daintree WTP	25,000	213	20%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
107	Replace valve control systems at Whyanbeel WTP	10,000	56	5%	Scope prepared, RFQ to be let	Low risk	Expected to be on budget
108	Replace Marrs Creek scour valve	20,000	106	5%	Waiting for delivery of valve	Low risk	Expected to be on budget
109	Phase 2 Rex Creek Intake - Johnson screens	500,000	1,227	5%	Tenders closed and assessed. Report going to Council on 10 October.	Extraction limits and shutdown periods	Expected to be under budget
110	Finalise additional water extraction site design	100,000	957	5%	Scoping phase	Nil	Expected to be on budget
111	Whyanbeel WTP Genset relocation	60,000	24,154	20%	Installation to occur late October	Low risk	Expected to be on budget
112	Mossman WTP Gas Chlorination plant structural strengthening and weatherproofing works	65,000	6,620	5%	GHD finalising design	Nil	Expected to be on budget
	IT Services						
113	Local Environment Refresh - MM computer room expires August 2018	160,000	-	0%	Study to occur in November/December. Expected to occur in April/May 2018	Low risk	Alternative option of extending warranty approx \$25,000
114	Admin - UPS replace batteries	8,000	-	100%	Deferred to 2018/19	Deferred	Deferred
115	Port Douglas Community Centre - UPS & New cabinet	16,000	-	0%	Work will only be done if office re-configuration occurs	Office re-configuration	Expected to be on budget
116	Daintree Ferry - online ticketing	90,000	1,216	5%	Expected to occur November	Mobile data coverage	Expected to be on budget