

5.8. CAPITAL WORKS PROGRESS REPORT FOR THE 3RD QUARTER 2017 - 2018

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DEPARTMENT: Operations

RECOMMENDATION

That Council:

1. **notes the progress of the 2017/18 Capital Works Program to 31 March 2018; and**
2. **adopts an increase of \$90,000 in the 2017/18 Capital Works Budget to align the Port Douglas reservoir with the project budget endorsed by the funding agencies.**

EXECUTIVE SUMMARY

Overall, the delivery of the 2017/18 capital works program, including 2016/17 Carry Over Projects, has been excellent, with 61% of the budget spent (representing \$19.70 million) and a further 22% committed (representing \$7.31 million) to 31 March 2018. This is a total of 83% either completed or under contract.

Attachment 1 to this report details the progress of the carry over projects from the 2016/17 financial year with a budget of \$10,000 or more for the period of 1 July 2017 to 31 March 2018.

Attachment 2 to this report details the progress of the Original June 2017 capital works program for those works with a budget of \$10,000 or more for the period of 1 July 2017 to 31 March 2018.

At the Ordinary Council Meeting on 12 December 2017, Council adopted a revised budget for the 2017/18 financial year which includes a number of new capital works projects. These projects are now being detailed, planned and scope finalised for procurement. Attachment 3 to this report details the progress of the capital works program for these works.

Additionally, the revised budget includes a number of new capital works projects that are to be completed in future years. Attachment 4 to this report details progress of these newly approved projects.

The majority of works have progressed in line with expectations and as at 31 March 2018 a total of 38 projects have reached practical completion. Council performed exceptionally well in achieving 100% completion on all 'Works for Queensland Round 1' projects by 30 November 2017 deadline.

There were 33 projects carried forward from the 2016/17 financial year and as at 31 December 2017, 27 of these projects have reached practical completion.

Through the monitoring work that the Capital Works Project Group undertake, it has been identified that there is a discrepancy of \$90,000 in Council's adopted Capital Works Program and the project budget endorsed by the funding agencies for the new Port Douglas Reservoir. The recommendation in this report is seeking Council's endorsement to formally increase the 2017/18 Capital Works Budget for this project by an amount of \$90,000 (from \$13.4M to \$13.49M)

BACKGROUND

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

During the first quarter, a number of projects from the 2017/18 budget reached practical completion. Below is a list of these projects included in the Q1 2017/18 Capital Works Progress Report received and noted at the Ordinary Council Meeting on 21 November 2017:

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.

During the second quarter, a number of projects from the 2017/18 budget reached practical completion. Below is a list of these projects included in the Q2 2017/18 Capital Works Progress Report received and noted at the Ordinary Council Meeting on 30 January 2018:

1. Mossman Administration Donga Roof;
2. Mossman Depot – Fire alarm system;
3. Mossman Shire Hall – install smoke detectors;
4. Port Douglas Sugar Wharf – Prepare engineering report (headstock and pylons);
5. Daintree Ferry (north side) - install public toilet (W4Q grant funding);
6. Diwan Community Facility – cricket club shed maintenance / upgrade;
7. DAB Art Centre – replace timber floor boards;
8. Flagstaff Hill Communication Tower – roof replacement, external painting;
9. Port Douglas Sports Complex – refurbish outside of building (W4Q grant funding);
10. Port Douglas Sports Complex – refurbish change rooms (tiles, partitions);
11. Quick Spray Unit;
12. Gravel Re-sheet Program;
13. North of ferry road linemarking;
14. Cape Tribulation traffic calming and drainage (W4Q grant funding);
15. Kulki National Park intersection works (W4Q grant funding);
16. Jack Street footpath;
17. Teamsters Park maintenance for RV parking (W4Q grant funding);
18. Playground renewal program;
19. Shade sail upgrades;
20. Extension to Flagstaff Walking Track (W4Q grant funding);

21. Transfer Station Upgrade and signage (W4Q grant funding);
22. Aeration Blowers – supply / overhaul;
23. Manhole sealing and rehabilitation program;
24. Douglas Arts Base Conservation Management Plan.

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

1. Port Street pavement reconstruction
2. George Davis Park renewal
3. Safety lids Port Douglas WWTP inlet works and outflow – supply and fit
4. Upgrade 80mm AC main to a 100mm DICL – Wharf Street, Port Douglas
5. Cartridges for Mossman WTP
6. Backwash water filter replacement at Daintree WTP
7. Replace UF filter cartridges at Daintree WTP
8. Replace valve control systems at Whyanbeel WTP
9. Replace Marrs Creek scour valve

Additionally, a number of carry over projects from the 2016/17 budget reached practical completion. Below is a list of these projects included in the Q1 2017/18 Capital Works Progress Report received and noted at the Ordinary Council Meeting on 21 November 2017:

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.

During the second quarter, a number of carry over projects from the 2016/17 budget reached practical completion. Below is a list of these projects included in the Q2 2017/18 Capital Works Progress Report received and noted at the Ordinary Council Meeting on 30 January 2018:

1. Wonga Caravan Park – electrical supply upgrade;
2. Junction Creek Pedestrian Bridge – design;
3. Marrs Creek Pedestrian Bridge – design;
4. Cow Bay Transfer Station – site office renewal;
5. Cow Bay Transfer Station – traffic ramp upgrade;
6. Sediment Basin for Port Douglas WWTP pre-treatment; and
7. Install Centrifugal Turbidity clarifier at Mossman WTP.

During the third quarter, a number of carry over projects from the 2016 – 2017 budget reached practical completion. Below is a list of these projects:

1. Fire hoses for Mossman Van Park

2. Flagstaff Hill Scenic Lookout upgrade
3. Mossman Wastewater Treatment Plant – construction of river bank stabilisation
4. Port Douglas Wastewater Treatment Plant SBR inlet valves

PROPOSAL

It is recommended that Council notes the content of this report and formally endorse the increase in the 2017/18 Capital Works Budget for the new reservoir.

FINANCIAL/RESOURCE IMPLICATIONS

Overall, the delivery of the 2017 – 2018 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.

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

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. Q 3 2017 2018 Capital Works Report Attachment 1 **[5.8.1]**
2. Q 3 2017 2018 Capital Works Report Attachment 2 **[5.8.2]**
3. Q 3 2017 2018 Capital Works Report Attachment 3 **[5.8.3]**
4. Q 3 2017 2018 Capital Works Report Attachment 4 **[5.8.4]**

2016/2017 Carry Over Projects										
	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status			
	Building Facilities									
1	Wonga Caravan Park - Electrical Supply Upgrade	49,972	39,272	100%	Project complete	Complete	Under budget			
2	Mossman Library Painting	50,441	46,072	100%	Project complete	Complete	Under budget			
3	Fire Hoses for Mossman Van Park	80,000	79,710	100%	Project complete. Financials and capitalisation to be finalised.	Complete	Expected to be on budget			
4	Safer Streets Grant: Install Security Cameras - Mossman Shire Hall	14,271	12,771	100%	Project complete	Complete	Under budget			
5	Safer Streets Grant: Install Security Light Camera - George Davis Park	20,000	19,281	100%	Project complete	Complete	Under budget			
	Civil Works									
6	Bridge renewal program	445,000	350,788	80%	Zamboni and Poletti shovel ready, Diggers DA submitted. Stewarts, Degarra and Nursery pedestrian bridge repairs complete. Whyanbeel in preliminary design. Current works occurring on Stewart Creek Bridge.	Design solution	Expected to be under budget			
7	Junction Creek Pedestrian Bridge	30,000	33,011	100%	Shovel Ready	Complete	Over budget			
8	Marrs Creek Pedestrian Bridge	30,000	36,696	100%	Shovel Ready	Complete	Over budget			
9	Stormwater drainage investigations in the Port Douglas area	40,000	44,421	70%	Options assessment report received and to be workshopped 10 April.	Design solution	Expected to be over budget			
10	Flagstaff Hill Scenic Lookout upgrade	75,000	59,550	100%	Project complete	Complete	Under budget			
11	Daintree Gateway Western Precinct Car & Coach Parking Upgrade	497,000	482,461	100%	Project complete	Complete	Under budget			
	Public Spaces									
12	Flagstaff Hill Walking Track Stage 1 (Port Douglas waterfront - Path design)	225,000	248,092	100%	Project complete	Complete	Over budget			
	Resource Management									
13	Cow Bay Transfer Station: Site office renewal	50,000	71,750	100%	Project complete	Complete	Over budget			
14	Cow Bay Transfer Station: Traffic Ramp upgrade	61,000	55,651	100%	Project complete	Complete	Under budget			
15	Killaloe Transfer Station: Recycle Shop Drop Off Point	20,000	17,280	100%	Project complete	Complete	Under budget			
16	Killaloe Transfer Station: Construction of an enclosed shed for cardboard storage	50,000	50,025	100%	Project complete	Complete	On Budget			
	Disaster Management									
17	Automatic water level gauge at Barratt Creek, Daintree	30,000	37,995	100%	Project complete	Complete	Over budget			
18	Install electronic flood and road closure signage at Anich Bridge	80,000	83,690	100%	Project complete	Complete	Slightly over budget			
19	Install electronic flood and road closure signage at Foxton Bridge	42,400	54,720	100%	Project complete	Complete	Over budget			
	Sewerage									
20	Mossman WWTP: Construction of Mossman River Bank Stabilisation	1,799,995	1,505,642	100%	Project complete. Financials and capitalisation to be finalised.	Land purchase times	Under budget with land purchase costs yet to come			
21	Mossman WWTP: Inlet works, screening and grit removal	309,940	226,636	85%	Awaiting alterations to stairs. Cutover to be completed - 1 week work remaining	Contractor variation claims	Expected to be on budget			
22	Sewer Reticulation: CCTV investigation, sewer relining of reticulation system and refurbishment of house connection branches	1,591,872	1,646,856	100%	Project complete	Complete	Over budget			

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status		Project Risk Status		Project Budget Status	
23	Port Douglas WWTP SBR inlet valves	60,000	45,528	100%		Project complete		Complete		Under budget
24	Mossman WWTP: Upgrade of plant to meet flow requirements in EHP licence and quality requirements for recycled water	200,000	112,619	55%		Negotiations with EHP continuing. Consultant engaged. Draft amended licence received.		Nil		Expected to be under budget
25	All Sewer Pump Stations: Switchboard, soft starters, VSDs, telemetry, flow monitoring and infrastructure connection upgrade.	115,000	59,695	100%		Project complete		Complete		Under budget
26	Sed basin for Port Douglas WWTP pre treatment	275,000	300,626	100%		Project complete		Complete		Over budget
Water Reticulation										
27	150mm diameter connection between Mossman and Whyanbeel water plants	200,000	25,817	10%		Design completed. RFQ issued and construction expected in June 2018.		Wet weather. Main Roads permit approvals		Expected to be on budget
28	Marrs Creek water mains relocation	70,000	65,406	100%		Project complete		Complete		Under budget
Water Treatment										
29	20Ml Reservoir - Port Douglas; Crees Rd	13,400,000	11,010,323	63%		Minor wet weather effects. Continued focus by DSC on contractor performance		Design changes. Wet Weather		Expected to be within budget
30	Whyanbeel WTP Gas chlorination project	120,000	221,632	100%		Project complete		Complete		Over budget
31	Install Centrifugal Turbidity clarifier at Mossman WTP	150,000	143,735	100%		Project complete		Complete		Under Budget
32	Whyanbeel UF Filter Cartridges (36)	215,000	177,407	100%		Project complete		Complete		Under budget
33	Mossman WTP Gas chlorination installation	340,000	443,199	100%		Project complete		Complete		Over budget

Original Budget June 2017 - 2017/2018 Delivery							
	Project Name	Budget	WIP (Actuals & Commitments)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
Building Facilities							
1	Mossman Administration Donga roof	50,000	42,244	90%	Installation completed November 2017 - organising extras to complete project. Flashing, bird proofing.	Weather - rain. Supply of materials	Expected to be under budget
2	Mossman Depot - replace roofing iron on main depot roof - Stage 1	60,000	35,185	60%	Scoping project to establish further replacement work with remaining funds.	Weather - rain. Supply of materials	Expected to be on budget
3	Mossman Library - Replace all internal lighting fittings and tubes	45,000	1,003	40%	RFQ closed on 21 March. Work scheduled to be complete by end of April.	Low risk	Expected to be on budget
4	Mossman Depot - Fire alarm system	15,000	14,254	100%	Project complete	Complete	Under budget
5	Mossman Shire Hall - install smoke detectors	30,000	28,239	100%	Project complete	Complete	Under budget
6	Port Douglas Sugar Wharf - Prepare engineering report (headstock and pylons)	25,000	25,454	100%	Report complete	Delivery cost - minimal risk	On budget
7	Mossman Nursery/Mossman Depot - Hazardous chemical storage facility	60,000	26,245	70%	Plans being drawn up for installation on concrete slab. Shed has arrived on site.	Meeting expectations of stake holders	Expected to be on budget
8	Daintree Ferry (North side) - install public toilet (W4Q grant funding)	175,000	177,327	100%	Project complete	Delivery time frame, weather	Slightly over budget
9	Sugar Wharf - Reinstate old door and replace access ramp	100,000	121,846	60%	Concrete vehicular ramp completed and handrails to be completed over the next month	Weather - rain. Supply of materials. Issue with location of sewer pipe. Redesign footings.	Expected to be over budget by \$20,000 Redesign of footing will incur small extra cost.
10	Mossman Depot - Lunchroom	100,000	41,874	30%	Kit ordered, building approval obtained, area marked out for installation	Meeting staff expectation while within budget	Expected to be on budget
11	Daintree Ferry - land based boom gates	50,000	1,678	15%	Suppliers have been contacted - design being established	No power - design needs to work effectively	Expected to be on budget
Property Services							
12	Wonga Beach Caravan Park - construction of reception/office/ meeting room	120,000	8,828	15%	Contractor to commence works in May.	Weather	Expected to be on budget
13	Diwan Community Facility - Cricket Club shed maintenance / upgrade	55,000	26,714	100%	Project complete. Financials and capitalisation to be finalised.	Nil	Under budget
14	Diwan Sound Shell	120,000	7,332	15%	Contractor to commence works in May.	Weather	Expected to be on budget
15	Dabs Arts Centre - replace timber floor boards	20,000	18,555	100%	Project complete. Financials and capitalisation to be finalised.	Potential asbestos floor tiles under existing floor coverings	Under budget
16	Mossman Pool - Sport & Rec Masterplan	50,000	39,928	15%	Consultant engaged	Nil	Expected to be on budget
17	Mossman Pool - regrout tiles, repair water leaks and sand filter	200,000	141,025	60%	Stage 1 works completed. Stage 2 - Water filtration & pump replacement to commence in May.	Nil	Expected to be on budget
18	Port Douglas Sports Complex - Sport & Rec Masterplan	30,000	-	0%	On hold, pending outcome of Waterfront South Precinct.	Nil	On hold
19	Port Douglas Sports Complex - Upgrade kitchen	60,000	6,533	15%	Contractor to commence works in May.	Nil	Expected to be on budget
20	Port Douglas Waterfront - Masterplan for Lot 96 & surrounding areas	80,000	10,681	15%	Grant funding received. Consultant engaged.	Nil	Expected to be on budget
21	Flagstaff Hill Communications Tower - roof replacement, external painting	35,000	17,401	100%	Project complete. Financials and capitalisation to be finalised.	Weather	Under budget
22	Port Douglas Sports Complex - refurbish outside of building (W4Q grant funding)	60,000	58,547	100%	Project complete. Financials and capitalisation to be finalised.	Nil	Under budget
23	Port Douglas Sports Complex - refurbish change rooms (tiles, partitions, etc) (W4Q grant funding)	40,000	37,564	100%	Project complete. Financials and capitalisation to be finalised.	Nil	Under budget

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
Fleet							
24	Fleet renewal program	500,000	459,886	70%	Order placed for 2 trucks, 4 utes, 1 van. Van arrived December, utes arrived February and trucks due to arrive in April 2018	Low risk	Expected to be on budget
25	Quick spray unit renewals	25,000	23,994	100%	Project complete. Financials and capitalisation to be finalised.	Low risk	Under Budget
Civil Works							
26	Reseal program	1,230,000	1,239,451	50%	50% of program completed and paid with the final stage of works to be carried out in May.	Weather	Expected to be over budget. Final figure dependent on oil price variance as per the contract.
27	Kerb & Channel program	200,000	12,806	20%	Commenced September, work to progress throughout year. Scoping to engage contractor to complete final stage.	Weather	Expected to be on budget
28	Footpath renewal program (W4Q grant funding)	200,000	187,833	100%	Project complete	Complete	Under budget
29	Gravel resheet program	300,000	298,744	100%	Project complete (Stewarts Ck Rd, Upper Daintree Rd and China Camp Rd)	Weather	On budget
30	Underground drainage pipe replacement investigation	100,000	1,950	0%	On hold. To be incorporated into GIS GEO Coding	On hold	On hold
31	North of Ferry road line remarking	30,000	22,357	100%	Project complete	Complete	Under budget
32	Port St pavement reconstruction	50,000	14,207	100%	Project complete. Financials and capitalisation to be finalised.	Weather	Under budget
33	Cape Tribulation traffic calming and associated drainage works (W4Q grant funding)	150,000	148,521	100%	Project completed by end of November 2017. Capitalisation to be finalised.	Low risk	Under budget
34	Warner St drainage and footpath works - Design	120,000	114,877	60%	Concept design options report completed. To be workshopped 10 April.	Nil	Expected to be on budget
35	Kulki National Park intersection works (W4Q grant funding)	250,000	251,088	100%	Project completed by end of November 2017. Capitalisation to be finalised.	Low risk	Slightly over budget
36	Maintenance to Zig Zag track (W4Q grant funding)	80,000	71,435	100%	Project complete	Complete	Under budget
37	Level 4 Condition Culvert (3 x 2700CSP) 8042 Forest Creek Road	230,000	321,424	85%	Culverts in , headwalls and wingwalls to be completed. Delayed due to wet weather.	Weather	Over budget due to de-watering issues and budget not inclusive of contingencies
38	Level 4 condition Culvert (2 x 2100CSP) 8021 Upper Daintree Road	155,000	47,473	15%	Culverts purchased. Project to be deferred as budget not sufficient.	Weather	Expected to be over budget
39	Jack St footpath	75,000	55,783	100%	Project complete	Complete	Under budget
40	Teamster's Park maintenance for RV parking (W4Q grant funding)	150,000	134,762	100%	Project completed by end of November 2017. Capitalisation to be finalised.	Low risk	Expected to be on budget
41	William St footpath	60,000	32,682	100%	Project complete	Low risk	Under budget
42	Lot 96 Fishermens	75,000	868	5%	Delivery method to be reviewed.	Regulatory approvals and operational works	Expected to be on budget
43	Gorge Rd reconstruction	50,000	2,020	10%	To be completed after April	Co-funding	Expected to be on budget
Public Spaces							
44	Port Douglas disability ramp construction	140,000	95,859	80%	Materials delivered. Construction underway.	Design may exceed budget amount	Expected to be on budget
45	Playground renewal program	50,000	47,507	100%	Project complete	Complete	Under budget
46	Shade Sail upgrades	50,000	44,805	100%	Project complete	Complete	Under budget
47	George Davis Park renewal	50,000	47,537	100%	Project complete	Complete	Under budget
48	Mossman Rugby League Club lighting design (Showgrounds)	-	-	0%	Waiting to see if playing field to be relocated	Relocation of playing field effecting deliverables	On hold































	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
49	Automated irrigation at Port Douglas Sports Complex (W4Q grant funding)	75,000	71,292	100%	Project complete	Complete	Under budget
50	Extensions to Flagstaff Walking Track (W4Q grant funding)	700,000	704,754	100%	Project complete	Complete	On budget
51	Reinstallation of Historic Flagstaff	40,000	25,021	90%	Restoration of Flagstaff completed. New foundation under construction. Installation early April.	Compliance with historical society expectations	Expected to be on budget
52	Streetscape Master Plans for Macrossan St & Front St	100,000	54,589	30%	Consultant engaged (RPS). Concept design phase underway.	Stakeholders	Expected to be under budget
Resource Management							
53	Transfer Station Upgrade & Signage (W4Q grant funding)	265,000	253,714	100%	Project complete	Complete	Under budget
Sewerage							
54	Construction of 2nd clarifier at Mossman WWTP	400,000	4,549	15%	Tenders received; Significantly over budget; Reassessment of project scope and staging is being completed to determine the best	Program; Budget	Over budget. 18/19 contribution required
55	Sewer pump stations switchboard and pipework upgrade	100,000	84,988	90%	Projects major works completed and waiting on scope of works from Trinity Engineering.	Delayed while waiting for the redesign of shed as the one manufactured is too large for the slab.	Expected to be under budget
56	Sewer Relining - Port Douglas	500,000	406,986	80%	Relining solutions completed for targeted areas. Magnum Plumbing to fix sunken areas. Magnum Plumbing to fix infiltration issues in North Mossman.	Potential problems with sewer lines being unable to be relined.	Expected to be under budget
57	Safety Lids Port Douglas WWTP Inlet Works and Outflow - Supply and fit	39,000	37,139	100%	Project complete	Complete	Under budget
58	Aeration Blowers - Supply/Overhaul	27,000	25,543	100%	Project complete	Low risk	Under budget
59	Port Douglas WWTP Belt Press & Conveyors (Supply, conveyors, air compressor, batching system, dosing system, belt press, shed, switchboard)	740,000	800,025	20%	Belt press manufactured. RFQ for electrical upgrade. Blower in progress.	Budget	Expected to be over budget
60	Mixers Mossman WWTP Aerators 1 & 2 - Supply & Installation	35,000	35,651	90%	Aerators arrived. Assembly will take one week and then project will be complete.	Budget	Over budget
61	Manhole sealing and Rehabilitation Program	73,000	66,263	100%	Project complete	Complete	Under budget
62	Sheraton Mirage Flow Meter Installation	160,000	885	15%	Sheraton to commit to deed. Procurement Officer to communicate with council lawyer re letter outlining the deed conditions.	Commitment and party agreement	on hold until deed responsibilities are negotiated. It is unlikely that Council funds will be required
Water Reticulation							
63	Phase 1 Implementation of water supply security (DWTP Bore Completion)	150,000	112,014	95%	All pipe and electrical cables installed, clean up stalled by weather event	Weather	Expected to be under budget
64	Phase 1 Implementation of water supply security (MWTP - WWTP Interconnection Phase 2)	100,000	2,380	5%	Design in progress with Trinity Engineering. RFQ out mid March.	Weather	Expected to be on budget
65	Upgrade 80mm AC to 100mm DICL program (Wharf St)	30,000	38,139	100%	Project complete	Complete	Over budget
Water Treatment							
66	Back wash water discharge package plant at Mossman WTP	771,000	753,586	20%	Contract awarded. Contractor finalising design and equipment selection, addressing RFI items.	Water quality	Expected to be on budget
67	Mossman WTP Back wash water filter system	15,000	8,941	95%	Backwash filter installed, commissioning in progress, awaiting final invoices.	Low risk	Expected to be on budget
68	Design of Craigie Roof	30,000	1,129	5%	Contractor inspected. Preparation of quote scope underway	Low risk	Expected to be on budget
69	EBS Prefilters	240,000	187,693	30%	Two filters delivered to site, awaiting delivery of two more. Installation works planning underway.	Operational risk	Expected to be under budget

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
70	52 cartridges for Mossman WTP	270,000	235,897	100%	Project complete. Financials and capitalisation to be finalised.	Low risk	Under budget
71	Network protection valving associated with new Craiglie Reservoir	25,000	1,926	5%	Works to commence in conjunction with reservoir pipework. Valve ordered.	Water supply	Over budget
72	Replace turbidity meters at Daintree WTP	19,000	18,394	100%	Project complete	Low risk	Under budget
73	Replace raw water pre filters at Daintree WTP	22,000	14,197	20%	Purchase order raised, awaiting delivery	Low risk	Under budget
74	Backwash water filter replacement at Daintree WTP	8,000	2,846	100%	Project complete. Financials and capitalisation to be finalised.	Low risk	Under budget
75	Replace UF Filter cartridges at Daintree WTP	22,000	17,639	100%	Project complete. Financials and capitalisation to be finalised.	Low risk	Under budget
76	Replace valve control systems at Whyanbeel WTP	10,000	9,769	100%	Project complete. Financials and capitalisation to be finalised.	Low risk	On budget
77	Replace Marrs Creek scour valve	15,000	6,057	100%	Project complete. Financials and capitalisation to be finalised.	Weather	Under budget
78	Phase 2 Rex Creek Intake - Johnson screens	375,000	322,297	20%	Contract awarded, construction started	Extraction limits and shutdown periods	Expected to be over budget due to an approved variation for a retaining wall and safety access
79	Finalise additional water extraction site design	100,000	14,191	10%	On hold	Weather	Expected to be on budget
80	Whyanbeel WTP Genset relocation	40,000	24,159	70%	Installation works progressing	Low risk	Under budget
81	Mossman WTP Gas Chlorination plant structural strengthening and weatherproofing works	65,000	60,813	35%	Works in progress	Nil	Expected to be on budget
IT Services							
82	Local Environment Refresh - MM computer room expires August 2018	-	-	0%	Will investigate alternative option of extending warranty in 18/19.	Deferred	Deferred
83	Admin - UPS replace batteries	-	-	0%	Batteries passed routine maintenance. Will not need replacing until 2018/19.	Deferred	Deferred
84	Port Douglas Community Centre - UPS & New cabinet	-	-	0%	Deferred	Office re-configuration	Deferred
85	Daintree Ferry - online ticketing	90,000	1,745	5%	POS should be installed by end of March. Wi-Fi upgrade being worked on. Ticketing ready pending management Ok to deploy	Mobile data coverage. Will refresh Council Wi-Fi at site to provide best possible service	Expected to be on budget

Budget Review December 2017 - 2017/2018 Delivery

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
Property Services							
1	Douglas Arts Base Conservation Management Plan	12,500	12,500	100%	Completed. Grant aquittal being finalised.	Nil	On budget
Fleet							
2	Water tank on truck for Leachate	50,000	-	5%	RFQ issued and quotes received. Review and award for the supply of tank to be completed	Low risk	Expected to be on budget
Civil Works							
3	Grays Creek Terrace Drainage Easement	14,000	1,692	5%	Property Services negotiating compensation value and minor works included in Civil Works Program	Low risk	Expected to be on budget
4	Mowbray River Road (concrete sealed section past Diggers Bridge)	90,000	67,152	100%	Project complete. Financials and capitalisation to be finalised.	Low risk	Under budget
5	Borzi Road - drainage upgrade	10,000	-	80%	Scope to be finalised and programmed for construction, first section completed	Low risk	Expected to be on budget
6	Old Forestry Road - culvert refurbishment	30,000	-	5%	Scope to be finalised and programmed for construction	Low risk	Expected to be on budget
7	Drumsara wash down bay	10,000	9,932	50%	Construction commenced	Low risk	Expected to be on budget
Sewerage							
8	Replacement pumps for Mossman WWTP	20,000	17,182	95%	Pump installed and being monitored for durability.	Low risk	Expected to be on budget
9	Port Douglas WWTP Grit clarifier replacement	70,000	24,198	60%	Hunter Alliance awarded RFQ. Drawing approved, manufacturing has commenced.	Delivery time is 14 weeks. Expected delivery early June	Expected to be under budget
10	Mossman WWTP - 2nd Clarifier Mech & Elec	350,000	431	0%	Tenders received; Significantly over budget; Reassessment of project scope and staging is being completed to determine the best delivery method based on available budget.	Program; Budget	Over budget, 18/19 contribution required
Water Reticulation							
11	Junction Bridge - Cooya Beach Trunk water mains reparation works	100,000	85,069	5%	Pipe work ordered and brackets being manufactured	Low risk	Expected to be under budget
12	Mowbray River Road water main renewal (80mtrs of water main)	25,000	4,000	10%	Work postponed due to weather event. Materials purchased. Work to commence mid April	Weather	Expected to be under budget
IT Services							
13	Remote Piloted Aircraft (DRONE)	5,000	4,212	100%	Drone purchased.	Low risk	Expected to be on budget

Budget Review December 2017 - Future Year Projects

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
Building Facilities							
1	Public Toilet Renewals (W4Q Round 2 grant funding)	670,000	-	5%	 Committee established to select design elements of new toilets	 Low risk	 Expected to be on budget
2	Renewal of Picnic Areas at Thornton Beach Shelter Sheds (W4Q Round 2 grant funding)	55,000	108	0%	 Scope to be determined	 Low risk	 Expected to be on budget
Civil Works							
2	Noah Creek Bridge Renewal (Grant funded)	1,500,000	94,781	5%	 Concept design options completed and external agencies consultation being completed.	 External permits, weather, traffic management	 Dependent on option chosen
3	Diggers Bridge Renewal (Grant funded)	2,678,500	1,545	5%	 Design and Permits completed. Out for tender 6 March, award late April	 Weather and land holder engagement	 Expected to be on budget
4	Additional Renewal to Zig Zag Track (W4Q Round 2 grant funding)	100,000	-	0%	 Not yet commenced. To occur after wet season.	 Weather	 Expected to be on budget
5	Footpath Renewals - Johnston Rd, Mossman (W4Q Round 2 grant funding)	165,000	108	5%	 Scope finalised. RFQ developed for external delivery. Works expected to be carried out in July/August 2018.	 Low risk	 Expected to be on budget
6	Footpath Renewals - Davidson St, Port Douglas (W4Q Round 2 grant funding)	165,000	-	5%	 Scope finalised. RFQ developed for external delivery. Works expected to be carried out in July/August 2018.	 Low risk	 Expected to be on budget
Water Treatment							
7	Rex Creek Johnson Screens Renewals (W4Q Round 2 grant funding)	330,000	25,016	10%	 Scoping of renewals underway. Consultant has been appointed to review scope and concept design.	 Low risk	 Expected to be on budget
8	Whyanbeel Water Treatment Plant Renewals (W4Q Round 2 grant funding)	180,000	9,429	15%	 Scoping of renewals underway. Consultant has been appointed to review scope and concept design.	 Low risk	 Expected to be on budget
9	Whyanbeel Intake - Johnson Screen Renewals (W4Q Round 2 grant funding)	275,000	26,527	10%	 Scoping underway. RFQ requested from consultants for design.	 Low risk	 Expected to be on budget