

5.13. CAPITAL WORKS PROGRESS REPORT FOR THE 2ND 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 31 December 2017 for the 2017 - 2018 financial year.

EXECUTIVE SUMMARY

Overall, the delivery of the 2016 – 2017 Carry Over Projects and Original June 2017 2017 – 2018 capital works program has been excellent with 47% of the budget spent \$15.45 million and a further 34% committed \$11.18 million to 31 December 2017. A total of 81% either completed or under contract.

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

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 December 2017.

At the Ordinary Council Meeting – 12 December 2017, Council adopted a revised budget for the 2017 – 2018 financial year which included a number of new capital works projects that are to be completed in 2017 – 2018. 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 those works with a budget of \$10,000 or more for the period of 1 July 2017 to 31 December 2017.

Additionally, at the Ordinary Council Meeting – 12 December 2017, Council adopted a revised budget for the 2017 – 2018 financial year which included 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 with a budget of \$10,000 or more for the period 12 December 2017 to 31 December 2017.

The majority of works have progressed in line with expectations and as at 31 December 2017 a total of 29 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 – 2017 financial year and as at 31 December 2017 a total of 23 projects have reached practical completion.

It is anticipated that with new management skills being incrementally introduced into the organisation that better project planning, five-year project programs and improved project delivery will occur. It has been apparent in the Shire for a need for the up-skilling of Council staff in project planning, management and delivery. Staff have performed well in the

circumstances and the quality of work and efficiency of staff in the delivery of projects in house is commended.

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 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 31 December 2017 a total of 29 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 – 2017 financial year and as at 31 December 2017 a total of 23 projects have reaching practical completion.

Overall, the delivery of the 2016 – 2017 Carry Over Projects and Original June 2017 2017 – 2018 capital works program has been excellent with 47% of the budget spent \$15.45 million and a further 34% committed \$11.18 million to 31 December 2017. At the Ordinary Council Meeting – 12 December 2017, Council adopted a revised budget for the 2017 – 2018 financial year which included a number of new capital works projects, which will be executed in the next six months.

During the first quarter, a number of projects from the 2017 – 2018 budget reached practical completion. Below is a list of these projects included in the Q1 2017 – 2018 Capital Works Progress Report received and noted at the Ordinary Council Meeting – 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 – 2018 budget reached practical completion. Below is a list of these projects:

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.

Additionally, a number of carry over projects from the 2016 – 2017 budget reached practical completion. Below is a list of these projects included in the Q1 2017 – 2018 Capital Works Progress Report received and noted at the Ordinary Council Meeting – 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 – 2017 budget reached practical completion. Below is a list of these projects:

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;

7. Install Centrifugal Turbidity clarifier at Mossman WTP.

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. 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. Attachment 1 - Carry Over Projects **[5.13.1]**
2. Attachment 2 - Original Budget 17-18 Projects **[5.13.2]**
3. Attachment 3 - Budget Review 17-18 Projects **[5.13.3]**
4. Attachment 4 - Budget Review Future Year Projects **[5.13.4]**

























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	95,000	39,272	100%		Project complete		Complete		Under budget
2	Mossman Library Painting	55,000	46,072	100%		Project complete		Complete		Under budget
3	Fire Hoses for Mossman Van Park	80,000	76,152	90%		Waiting on quotes for install of fire extinguishers.		Adequate supply. High occupancy disruption.		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	500,000	296,877	70%		Zamboni and Poletti shovel ready, Diggers DA submitted. Stewarts, Degarra and Nursery pedestrian bridge repairs complete. Whyanbeel in preliminary design.		Design solution		Under budget
7	Junction Creek Pedestrian Bridge	30,000	33,318	95%		Design complete		Design complete		Over budget
8	Marrs Creek Pedestrian Bridge	30,000	36,027	95%		Design complete		Design complete		Over budget
9	Stormwater drainage investigations in the Port Douglas area	40,000	42,141	40%		Engineering Survey Underway		Design solution		Expected to be on budget
10	Flagstaff Hill Scenic Lookout upgrade	75,000	46,170	90%		Fencing material ordered		Native title		Under budget

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status		Project Risk Status		Project Budget Status	
11	Daintree Gateway Western Precinct Car & Coach Parking Upgrade	497,000	483,504	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	95%		Project complete. Financials and capitalisation to follow.		Complete		Over budget
14	Cow Bay Transfer Station: Traffic Ramp upgrade	61,000	55,651	95%		Project complete. Financials and capitalisation to follow.		Complete		Under budget
15	Killaloe Transfer Station: Recycle Shop Drop Off Point	20,000	18,680	95%		Project complete. Financials and capitalisation to follow.		Complete		Under budget
16	Killaloe Transfer Station: Construction of an enclosed shed for cardboard storage	50,000	50,115	95%		Project complete. Financials and capitalisation to follow.		Complete		Under 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	1,353,743	70%		Works commenced. Works should be complete by mid January then minor works to follow		Weather, Environment, slope stability		Works footprint to expand, quantum unknown

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
21	Mossman WWTP: Inlet works, screening and grit removal	309,940	223,262	85%	 Construction completion will be in 2018. Mechanical install mostly complete. Electrical/SCADA underway	 Cut over to new plant	 Some variations may cause over budget
22	Sewer Reticulation: CCTV investigation, sewer relining of reticulation system and refurbishment of house connection branches	1,591,872	1,646,856	95%	 Capitalisation to be undertaken	 Complete	 Over budget
23	Port Douglas WWTP SBR inlet valves	60,000	37,311	90%	 Valves arrived and contractor installing 16 January barring weather	 Weather	 Under budget
24	Mossman WWTP: Upgrade of plant to meet flow requirements in EHP licence and quality requirements for recycled water	200,000	105,949	75%	 Negotiations with EHP continuing. Consultant engaged.	 Nil	 On budget
25	All Sewer Pump Stations: Switchboard, soft starters, VSDs, telemetry, flow monitoring and infrastructure connection upgrade.	115,000	63,546	100%	 Project complete	 Complete	 Under budget
26	Sed basin for Port Douglas WWTP pre treatment	275,000	300,454	100%	 Project complete	 Complete	 Over budget
Water Reticulation							
27	150mm diameter connection between Mossman and Whyanbeel water plants	200,000	25,817	10%	 Quote received. Design completed. State approvals to be confirmed.	 Wet weather. Main Roads permit approvals	 Prices received for upgrade from 150mm to 225mm - exceeds budget
28	Marrs Creek water mains relocation	70,000	65,406	100%	 Project complete	 Complete	 Under budget
Water Treatment							
29	20MI Reservoir - Port Douglas; Crees Rd	13,732,961	11,917,310	55%	 Roof change to extend project by 3 months	 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

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status		Project Risk Status		Project Budget Status	
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 & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status		
	Building Facilities								
1	Mossman Administration Donga roof	50,000	35,266	95%	Installation completed November 2017	Weather - rain. Supply of materials	Expected to be under budget		
2	Mossman Depot - replace roofing iron on main depot roof - Stage 1	60,000	35,121	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	20%	Trial has been successful, preparing project brief	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	Complete	On budget		
7	Mossman Nursery/Mossman Depot - Hazardous chemical storage facility	60,000	25,411	70%	Storage shed delivered. Installation in March	Meeting expectations of stake holders	Expected to be on budget		
8	Daintree Ferry (North side) - install public toilet (W4Q grant funding)	175,000	177,300	100%	Project complete	Completed	Slightly over budget		
9	Sugar Wharf - Reinstate old door and replace access ramp	100,000	10,696	40%	Contractor shortlisted. Engagement to be completed and work programmed	Weather - rain. Supply of materials	Expected to be on budget		
10	Mossman Depot - Lunchroom	100,000	1,997	10%	Location determined. Investigating costs, staff consultation	Meeting staff expectation while within budget	Determining cost compared to budget		
11	Daintree Ferry - land based boom gates	50,000	914	15%	Project brief to be ready in January - Time delay due to on-site meeting needing to be rescheduled	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	10%	Tender documents developed. To be advertised late January.	Weather	Expected to be on budget		
13	Diwan Community Facility - Cricket Club shed maintenance / upgrade	55,000	23,673	95%	Works complete. Waiting on final invoices and capitalisation to be completed.	Nil	Under budget		
14	Diwan Sound Shell	120,000	7,332	10%	Tender documents developed. To be advertised late January.	Weather	Expected to be on budget		
15	DAB Arts Centre - replace timber floor boards	20,000	18,555	95%	Works complete. Capitalisation to be completed.	Potential asbestos floor tiles under existing floor coverings	Under budget		
















	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
16	Mossman Pool - Sport & Rec Masterplan	50,000	310	10%	 Scope of works developed. Council workshop in February.	 Nil	 Expected to be on budget
17	Mossman Pool - regrout tiles, repair water leaks and sand filter	200,000	113,407	60%	 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
18	Port Douglas Sports Complex - Sport & Rec Masterplan	30,000	-	10%	 Scope of works developed. Pending outcome of Waterfront South Precinct.	 Nil	 Expected to be on budget
19	Port Douglas Sports Complex - Upgrade kitchen	60,000	6,533	10%	 RFQ closes 23 January.	 Nil	 Expected to be on budget
20	Port Douglas Waterfront - Masterplan for Lot 96 & surrounding areas	80,000	681	5%	 Scope of works developed. Waiting outcome of grant application. Expected to appoint consultant end of January.	 Awaiting grant application	 Pending outcome of grant application
21	Flagstaff Hill Communications Tower - roof replacement, external painting	35,000	17,401	95%	 Works complete. Capitalisation to be completed.	 Weather	 Under budget
22	Port Douglas Sports Complex - refurbish outside of building (W4Q grant funding)	60,000	58,520	100%	 Works complete. Capitalisation to be completed.	 Complete	 Under budget
23	Port Douglas Sports Complex - refurbish change rooms (tiles, partitions, etc) (W4Q grant funding)	40,000	37,537	100%	 Works complete. Capitalisation to be completed.	 Complete	 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	461,300	20%	Order placed for 2 trucks, 4 utes, 1 van. Van arrived December, trucks and ute to arrive February 2018	Low risk	Expected to be on budget
25	Quick spray unit renewals	25,000	23,994	95%	Delivered. Capitalisation to be completed	Low risk	Under budget
	Civil Works						
26	Reseal program	1,230,000	1,238,247	10%	Contractor engaged, expected start in February for 20 days. Reseal occurred on Macrossan St car parking areas in December.	Weather	Expected to be slightly over budget
27	Kerb & Channel program	200,000	12,591	20%	Commenced September, work to progress throughout year. Scoping to engage contractor	Weather	Expected to be on budget
28	Footpath renewal program (W4Q grant funding)	200,000	189,583	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.	Complete	On budget
30	Underground drainage pipe replacement investigation	100,000	1,950	5%	On hold. To be incorporated into GIS GEO Coding	Low risk	Expected to be on budget
31	North of Ferry road line remarking	30,000	22,357	90%	Line marking on range complete, centre barriers at mirror corner to be installed. Capitalisation to be completed	Nil	Expected to be under budget
32	Port St pavement reconstruction	50,000	396	10%	RFQ to be finalised and work programmed in January	Weather	Expected to be on 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.	Complete	On budget
34	Warner St drainage and footpath works - Design	40,000	6,133	15%	Successful consultant selected, PO being raised	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.	Complete	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	250,946	60%	Base slab prior to Christmas, culvert installation starting 10 January.	Weather	Over budget













	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
38	Level 4 condition Culvert (2 x 2100CSP) 8021 Upper Daintree Road	155,000	44,440	15%	Culverts ordered, Access and Indemnity signed and Road opening negotiations proceeding	Weather	Expected to be on 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	133,924	100%	Works completed end of November 2017	Complete	Under budget
41	William St footpath	60,000	32,682	100%	Project completed	Complete	Under budget
42	Lot 96 Fishermens	75,000	868	5%	Scoping	Regulatory approvals and operational works	Expected to be on budget
43	Gorge Rd reconstruction	50,000	1,805	10%	On hold due to co-funding issues. Smaller scope may be completed instead.	Co-funding	Expected to be on budget
	Public Spaces						
44	Port Douglas disability ramp construction	140,000	59,362	35%	Materials delivered. Program construction	Design may exceed budget amount	Insufficient budget to construct, requires budget review
45	Playground renewal program	50,000	46,807	95%	Installation of new play unit at Diwan completed. Capitalisation to be completed	Low risk	Under budget
46	Shade Sail upgrades	50,000	44,805	100%	Project complete	Complete	Under budget
47	George Davis Park renewal	50,000	43,253	85%	Contractor commenced, removal of old equipment completed. Installation occurred December.	Low risk	Expected to be under budget
48	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
49	Automated irrigation at Port Douglas Sports Complex (W4Q grant funding)	75,000	71,265	100%	Project complete	Complete	Under budget
50	Extensions to Flagstaff Walking Track (W4Q grant funding)	700,000	714,123	100%	Construction completed. Awaiting additional safety fencing, to be completed January. Capitalisation to be completed	Complete	Over budget
51	Reinstallation of Historic Flagstaff	40,000	22,236	85%	Restoration of Flagstaff completed. Structural engineering certification to install underway.	Compliance with historical society expectations	Budget to be reviewed due to safety issues
52	Streetscape Master Plans for Macrossan St & Front St	100,000	924	5%	Project plan developed and to be workshopped with Council in January	Stakeholders	Expected to be on budget
	Resource Management						
53	Transfer Station Upgrade & Signage (W4Q grant funding)	265,000	254,434	100%	Works completed end November 2017. Capitalisation to be finalised.	Complete	Under budget




























	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
	Sewerage						
54	Construction of 2nd clarifier at Mossman WWTP	400,000	1,392	5%	Design complete. Procurement to be finalised end of January	Weather	Expected to be on budget
55	Sewer pump stations switchboard and pipework upgrade	100,000	71,524	60%	Pipe work completed. Slab poured and switchboard to be mounted. Hold up on materials for electrician	Delivery of materials	Expected to be on budget
56	Sewer Relining - Port Douglas	500,000	375,001	75%	Purchase order placed for instalment. Contractors commenced work and have completed over half of this instalment. Magnum Plumbing maybe used also for areas with problems.	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	37,071	75%	Contractor manufacturing, installation scheduled for early February	Contractor hold ups	Expected to be on budget
58	Aeration Blowers - Supply/Overhaul	27,000	24,943	100%	Project complete	Delivery times could vary.	Under budget
59	Port Douglas WWTP Belt Press & Conveyors (Supply, conveyors, air compressor, batching system, dosing system, belt press, shed, switchboard)	740,000	732,097	40%	Contract awarded to Tema. Slab for new shed scheduled to be poured on 10 January.	Timeframe	Expected to be under budget
60	Mixers Mossman WWTP Aerators 1 & 2 - Supply & Installation	35,000	35,396	80%	Awarded to Wapsa. Goods ordered for manufacture & delivery expected late January.	Budget	Over budget
61	Manhole sealing and Rehabilitation Program	73,000	72,420	100%	Project complete	Complete	On budget
62	Sheraton Mirage Flow Meter Installation	160,000	642	15%	Meeting held in August regarding commitment as a joint project with Fullshare. No commitment finalised to date. Further meeting to be set up in January and Sheraton to commit to deed.	Awaiting commitment and party agreement	Expected to be on budget
	Water Reticulation						
63	Phase 1 Implementation of water supply security (DWTP Bore Completion)	150,000	7,737	10%	RFQ completed, all pipe and fittings received, Installation due to start by end of January.	Weather	Expected to be within budget
64	Phase 1 Implementation of water supply security (MWTP - WWTP Interconnection Phase 2)	100,000	2,072	5%	Trinity Engineering putting scope of works together for Tender process	Weather	Expected to be within budget
65	Upgrade 80mm AC to 100mm DICL program (Wharf St)	30,000	37,456	90%	In final stage of construction, all connections completed	Low risk	Over budget
	Water Treatment						

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
66	Back wash water discharge package plant at Mossman WTP	771,000	752,318	15%	Contract awarded. Offsite works underway.	Water quality	Expected to be on budget
67	Mossman WTP Back wash water filter system	15,000	8,941	15%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
68	Design of Craiglie Roof	30,000	319	5%	Contractor inspected. Inspection scope to be discussed.	Low risk	Expected to be on budget
69	EBS Prefilters	240,000	176,003	20%	Purchase order raised, awaiting delivery.	Low risk	Expected to be under budget
70	52 cartridges for Mossman WTP	270,000	253,322	95%	Final commissioning underway. Capitalisation to be completed	Low risk	Under budget
71	Network protection valving associated with new Craiglie Reservoir	25,000	1,711	5%	Works to commence in conjunction with reservoir pipework	Water supply	Expected to be on budget
72	Replace turbidity meters at Daintree WTP	19,000	18,394	100%	Project complete	Completed	On budget
73	Replace raw water pre filters at Daintree WTP	22,000	14,197	20%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
74	Backwash water filter replacement at Daintree WTP	8,000	2,846	20%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
75	Replace UF Filter cartridges at Daintree WTP	22,000	213	20%	Purchase order raised, awaiting delivery	Low risk	Expected to be on budget
76	Replace valve control systems at Whyanbeel WTP	10,000	7,547	20%	RFQ complete PO request sent. Awaiting delivery.	Low risk	Expected to be on budget
77	Replace Marrs Creek scour valve	15,000	3,961	15%	Valve has arrived installation expected late January	Low risk	Expected to be on budget
78	Phase 2 Rex Creek Intake - Johnson screens	375,000	321,569	15%	Contract awarded, Site being prepared for construction	Extraction limits and shutdown periods	Expected to be under budget
79	Finalise additional water extraction site design	100,000	1,388	5%	Scoping phase. GHD awarded DSDMIP RFQ (former DILGP)	Nil	Expected to be on budget
80	Whyanbeel WTP Genset relocation	40,000	24,159	40%	Installation work in progress.	Low risk	Expected to be on budget

	Project Name	Budget	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
81	Mossman WTP Gas Chlorination plant structural strengthening and weatherproofing works	65,000	7,064	15%	 RFQ completed, awaiting close of tenders (awaiting final evaluation)	 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%	 Cash registers to be upgraded in January	 Mobile data coverage	 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 to be finalised.		Complete		On budget
	Fleet									
2	Water tank on truck for Leachate	50,000	-	5%		Scope deliverables and RFQ to be issued		Low risk		Expected to be on budget
	Civil Works									
3	Grays Creek Terrace Drainage Easement	14,000	-	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	-	10%		Construction scheduled for 15-23 January		Low risk		Expected to be on budget
5	Borzi Road - drainage upgrade	10,000	-	5%		Scope to be finalised and programmed for construction		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	-	5%		Scope to be finalised and programmed for construction		Low risk		Expected to be on budget
	Sewerage									
8	Replacement pumps for Mossman WWTP	20,000	6,424	75%		Pump installed and being monitored for durability. Also waiting on further quotes		Delivery times could vary.		Expected to be under budget
9	Port Douglas WWTP Grit classifier replacement	70,000	-	15%		RFQ to be sent when probity is complete.		Delivery times could vary.		Expected to be under budget

10	Mossman WWTP - 2nd Clarifier Mech & Elec	350,000	-	5%	 Tight timelines	 Wet season impacts	 Expected to be on budget	
Water Reticulation								
11	Junction Bridge - Cooya Beach Trunk water mains reparation works	100,000	-	5%	 Design complete. Diameter 225 DICL to be installed	 Low risk	 Expected to be within budget	
12	Mowbray River Road water main renewal (80mtrs of water main)	25,000	-	5%	 Scope to be finalised. To be undertaken by Water Reticulation team	 Weather	 Expected to be within budget	
IT Services								
13	Remote Piloted Aircraft (DRONE)	5,000	2,900	70%	 Drone purchased. Need to order axillary parts	 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%	 Draft scope to be discussed at Workshop in February		Low risk		Expected to be on budget	
	Civil Works									
2	Noah Creek Bridge Renewal (Grant funded)	1,500,000	-	5%	 Discussed project program and options for delivery		External permits, weather, traffic management		Dependent on option chosen	
3	Diggers Bridge Renewal (Grant funded)	2,678,500	-	5%	 Design and Permits completed		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		Weather		Expected to be on budget	
5	Footpath Renewals (W4Q Round 2 grant funding)	330,000	-	5%	 Scope to be finalised. RFQ developed for external delivery		Low risk		Expected to be on budget	
	Public Spaces									
6	Renewal of Picnic Areas at Thornton Beach Shelter Sheds (W4Q Round 2 grant funding)	55,000	-	0%	 Scope to be determined		Low risk		Expected to be on budget	
	Water Treatment									
7	Rex Creek Johnson Screens Renewals (W4Q Round 2 grant funding)	330,000	-	10%	 Scoping underway. RFQ requested from consultants for design.		Low risk		Expected to be on budget	
8	Whyanbeel Water Treatment Plant Renewals (W4Q Round 2 grant funding)	180,000	-	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	-	10%	 Scoping underway. RFQ requested from consultants for design.		Low risk		Expected to be on budget	