

5.7. CAPITAL WORKS PROGRESS REPORT FOR THE 2ND QUARTER 2019 - 2020

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DEPARTMENT Infrastructure

RECOMMENDATION

That Council receives and notes the progress of the Capital Works Program to 31 December 2019 for the 2019/2020 financial year.

EXECUTIVE SUMMARY

The delivery of the 2018/2019 carry over projects has progressed as planned with 36% of the carry over budget spent (\$3.15 million) and a further 28% committed (\$2.46 million) to 31 December 2019. A total of 65% either completed or under contract. Attachment 1 to this report details the progress of the carry over projects from the 2018/2019 financial year with a budget of \$10,000 to 31 December 2019.

The delivery of the 2019/2020 capital works program has progressed as planned with 29% of the budget spent (\$3.86 million) and a further 36% committed (\$4.83 million) to 31 December 2019. A total of 64% either completed or under contract. Attachment 2 to this report details the progress of the original June 2019 capital works program for those works with a budget of \$10,000 to 31 December 2019.

At the Ordinary Council Meeting – 3 December 2019, Council adopted a revised budget for the 2019/2020 financial year which included a number of new capital works projects that are to be completed in 2019/2020. The delivery of these new capital works projects has progressed as planned with 65% of the budget spent (\$1.64 million) and a further 7% committed (\$0.174 million) to 31 December 2019. A total of 72% either completed or under contract. These projects have been included in Attachment 3.

Council Officers are currently project managing 149 individual capital works projects with a combined value of approximately \$25 million. Additionally, there are approximately \$27 million in disaster recovery projects currently under management.

BACKGROUND

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

The attached report is extracted from the Capital Tracking PCG dashboard showing Project Budget, WIP (Actuals and Commitments), Project Program Status, Project Risk Status and Project Budget Status.

A traffic light approach to the final three issues is based on Performance Indicators in each category:

Performance Indicators ● Satisfactory ● Marginal ● Unsatisfactory

COMMENT

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

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

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

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

1. Polettis Bridge;
2. Macrossan Street Decorative Lighting;
3. Teamsters Park Master Plan; and
4. Whyanbeel Intake Johnson Screen Renewals.

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

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

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

1. Dixie Shed Flooring & Deck design;
2. Website upgrade and media monitoring;
3. Authority Fleet Module purchase, install and configure;
4. Thornton Beach Café Roof Replacement;
5. Thornton Beach Café external painting and repairs;
6. Mossman Admin and Flagstaff Hill – install remote generator monitoring;
7. Mossman Admin Building – automatic door renewal;
8. Davidson Street footpath renewal;
9. Atoll Close drainage upgrade;
10. Melaleuca Drive drainage upgrade;
11. Drainage inspection Program – camera;
12. Killaloe Transfer Station - Big Fan installation;
13. VMS Board;
14. Guardian IMS Disaster management System upgrade;
15. Flow meters to pump stations for wastewater; and
16. Wastewater treatment Plant CIP filter replacement.

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

1. Public Places Christmas trees;
2. Port Douglas Sports Complex cricket club shed;
3. Land Purchase – Carbon credits;
4. Unsealed Road Renewal program; and
5. Newell Refuse Station – survey, earthworks and stormwater management.

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

PROPOSAL

That Council receives and notes the progress of the Capital Works Program to 31 December 2019 for the 2019/2020 financial year.

FINANCIAL/RESOURCE IMPLICATIONS

Overall, the delivery of the 2019/2020 capital works program has been excellent.

Delivery of a capital works program within budget is essential to ensure that Council is financially sustainable and that Council's assets are maintained and developed to meet the needs of communities within Douglas.

RISK MANAGEMENT IMPLICATIONS

Council must plan and deliver a suitable capital works program to ensure that its assets are able to service the needs of the communities within Douglas Shire.

Council has a statutory obligation as a service provider to ensure it is able to provide water and wastewater services to customers.

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

SUSTAINABILITY IMPLICATIONS

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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 2019-2024 Initiatives:

Theme 2 - Fostering Sustainable Economic Growth

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

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

Theme 3 - Leading Environmental Stewardship

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

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

Theme 5 - Robust Governance and Efficient Service Delivery

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

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

COUNCIL'S ROLE

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

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

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

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

External: Nil.

ATTACHMENTS

1. Attachment 1 [5.7.1 - 1 page]
2. Attachment 2 [5.7.2 - 5 pages]
3. Attachment 3 [5.7.3 - 1 page]

2018/2019 Carry Over Projects										
	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status	
Property Services										
1	Flagstaff Hill Communications Tower Refurbishment	246,668	157.68	-	157.68	10%	Tender opened 12 December 2019. Will go to 21 January 2020 Council Meeting for contract recommendations.	Low risk	Expected to be on budget	
Building Facilities										
2	Sugar Wharf Structural Repairs	454,953	32,672.61	37,636.87	70,309.48	15%	RFQ out to market	Environmental impact. Managing works around bookings.	Expected to be over budget	
Civil Works										
3	Noah Creek Bridge (Grant Funded)	1,984,498	645,196.37	1,501,952.42	2,147,148.79	10%	Environmental permits pending. Land purchase delayed	External environmental permits, weather, land purchase	Expected to be under budget	
4	Polettis Bridge (Grant Funded)	918,361	531,676.98	184,759.70	716,436.68	95%	Running surface completed 18 December 2019	Inclement Weather	Expected to be under budget	
5	Lot 96 Fishermens	74,055	944.58	-	944.58	5%	On hold	Regulatory approvals and operational works	Expected to be on budget	
6	Principal Cycle Network - Stage 2 - Cooya Beach to Junction Creek Pedestrian Bridge	40,493	9,208.35	33,630.00	42,838.35	70%	Preferred alignment and cross section adopted	Land acquisition required	Expected to be over budget	
7	Street lighting in Opal Street, Port Douglas	90,000	-	4,250.00	4,250.00	15%	Discussions with electrical designers	Low risk	Expected to be on budget	
8	Diggers Bridge	60,000	80,322.41	-	80,322.41	80%	Finalising survey and as constructed information	Low risk	Expected to be over budget	
Public Spaces										
9	Macrossan Street Decorative Lighting	118,103	117,430.08	650.00	118,080.08	100%	Project complete	Complete	Over budget	
10	Teamsters Park Master Plan	14,099	12,929.97	-	12,929.97	100%	Project complete	Complete	Under budget	
Environment Planning										
11	Develop a Hiking & Mountain Bike Master Plan	9,000	133.47	-	133.47	50%	Water sampling program commenced for Wangetti Trail December 2019	Low risk	Expected to be on budget	
12	Solar Power Generation on Council Buildings	17,300	5,389.06	-	5,389.06	50%	Finalising land tenure	Low risk	Expected to be on budget	
Resource Management										
13	Land Purchase	150,000	1,575.45	-	1,575.45	5%	Investigating land. Workshopped with Councillors on 3 December	Land availability	Expected to be over budget as new land is to be acquired	
14	Replacement of Leachate Storage Tank at Killaloe Landfill	3,784	3,009.95	-	3,009.95	100%	Project complete	Complete	Under budget	
Wastewater										
15	Sewer Pump Station 4E Upgrade	380,531	200,237.05	154,324.16	354,561.21	85%	Project on schedule	Potential delays if early wet season	Expected to be on budget	
16	Mossman Wastewater Treatment Plant - Lagoon Lining (Option A) / Bores (Option B)	76,013	64,920.25	-	64,920.25	94%	Works substantially complete	Operational constraints; weather	Expected to be on budget	
17	Port Douglas Wastewater Treatment Plant Outfall Flow Meter	148,936	3,337.89	-	3,337.89	10%	Design option being reviewed	Design / Constructability on live system	Expected to be on budget	
18	Design of Mossman Rising Main Replacement	62,002	52,591.56	8,071.60	60,663.16	30%	Preliminary for approval drawings received.	Low risk	Expected to be on budget	
Water Quality										
19	Craigie Reservoir Roof Replacement (part grant funded)	2,646,323	1,036,467.74	504,620.79	1,541,088.53	45%	Roofing complete, grouting, flashings, accessway yet to complete	Weather. Cost of internal painting system	Expected to be over budget	
20	Design of Additional Water Extraction Site Mossman	204,984	174,874.05	29,226.20	204,100.25	75%	Detailed design progressing	Low risk	Expected to be on budget	
21	Backwash water discharge package plant at Mossman WTP	170,084	116,202.05	-	116,202.05	95%	Works completed apart from some warranty issues.	Delays will cause project to overrun	Expected to be under budget	
22	Whyanbeel Water Treatment Plant Renewals (W4Q Round 2 grant funding)	47,767	47,767.00	-	47,767.00	100%	Project complete	Complete	Under budget	
23	Whyanbeel Intake - Johnson Screen Renewals	7,854	5,974.34	-	5,974.34	100%	Project complete	Complete	Under budget	
Water Reticulation										
24	Mowbray River Road Mains Renewal	270,565	3,975.33	200.00	4,175.33	10%	Tender open	Wet weather, insufficient budget	Expected to be over budget	
25	Killaloe Transfer Station Water Main Renewal	477,460	5,038.86	-	5,038.86	5%	Final design phase	Wet weather	Expected to be on budget	

Original Budget June 2019 - 2019/2020 Delivery											
	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status		
Community Development											
1	Dixies Shed Flooring and Deck	20,000	6,625.00	-	6,625.00	100%	Project complete	Complete	Under budget		
2	Enhanced Disaster Dashboard and Information Notification system	10,000	65.65	-	65.65	75%	Awaiting invoice from Contractor for communications module.	Low Risk	Expected to be on budget		
3	Modifications to Port Douglas Hall	-	-	-	-	0%	Project on hold	Project on hold	Project on hold		
4	Douglas Indigenous Signage Program	90,000	21,543.98	-	21,543.98	40%	Plank signs have been distributed. Civil works crew scheduled for installation from January 2020.	Low Risk	Expected to be on budget		
5	Mossman and Port Douglas Flagpoles	100,000	2,914.38	-	2,914.38	20%	Engineering drawings submitted to TMR. Waiting on the proposed sites to be approved by TMR.	Low Risk	Expected to be on budget		
6	Mossman Showgrounds Masterplan	100,000	36,836.46	80,303.10	117,139.56	30%	Consultant engaged and project commenced in November 2019.	Low Risk	Expected to be over budget		
7	Douglas Council's Website Upgrade and Media Monitoring	30,000	26,099.10	-	26,099.10	100%	Project complete	Complete	Under budget		
8	Hydration Stations and Sunscreen Stations-MOBILE	25,000	9,150.00	-	9,150.00	60%	3 mobile hydration stations arrived and in use. Reef Friendly Sunscreen stations on back order will arrive approx March 2020.	Low Risk	Expected to be on budget		
IT Services											
9	ICT Mossman Computer Room Equipment Refresh	172,330	24,957.57	253,763.84	278,721.41	3%	Decision made to proceed with revised scope - refresh equipment and decommission cloud environment in favour of all apps. Issued Purchase Order for hardware and services.	Budget	Expected to be over budget. Additional costs to be included in the 2020/21 budget.		
10	ICT - Planning Zone Report Tool	24,000	1,260.22	3,940.00	5,200.22	5%	Change of hosting provider. Waiting on quote and new schedule from provider.	Dependent on Computer Room Equipment Refresh project	Expected to be over budget. May need Contractor assistance with build.		
11	ICT - Authority Fleet Module - purchase, install and configure	12,000	15,354.90	-	15,354.90	100%	Project complete	Complete	Over budget due to change from remote to on-site training		
12	ICT Decommission Community Suite - Commission iPlatinum	41,000	18,567.03	15,000.00	33,567.03	5%	iPlatinum build in progress	Nil	Expected to be on budget		
13	ICT - Authority Mobile Platform (Actus) - purchase, install and configure	44,000	12,141.04	6,465.00	18,606.04	2%	Project delayed - dependant on Authority SQL conversion being completed	Nil	Expected to be slightly under budget due to reduced scope		
14	Phone system upgrade - Telstra changes to current technology	54,564	54,889.81	-	54,889.81	100%	Project complete	Complete	On budget		
15	3 x Ricoh Printers/Scanner Refresh	24,124	715.30	4,244.00	4,959.30	30%	1 of the 3 units installed - Mossman Depot unit	Nil	Expected to be under budget		
16	A0 Scanner/Printer - Records	13,505	13,505.47	-	13,505.47	100%	Project complete	Complete	On budget		
Property Services											
17	Thornton Beach Café - Roof replacement	30,000	32,053.38	-	32,053.38	100%	Project complete	Complete	Over budget		
18	Thornton Beach Café - External painting and repairs	12,000	6,217.69	4,800.00	11,017.69	100%	Project complete	Complete	Under budget		
19	Mossman Pool - Design	-	-	-	-	0%	Project on hold	Project on hold	Project on hold		
20	Port Douglas Tennis Club Fence replacement around basketball court	11,000	78.77	12,878.00	12,956.77	80%	New lease agreement finalised 26 November 2019. Work commenced December 2019, to be completed in new year.	Low risk	Expected to be over budget		
21	Mossman Showgrounds - Disability access to toilets	10,000	1,045.99	-	1,045.99	15%	Confirming configuration on design and awaiting user groups comments. Grants officer and staff investigating and developing scope. Waiting on Grant approval.	Low risk	Expected to be on budget		
22	Douglas Arts Base - Urgent Heritage works	17,000	18,129.29	-	18,129.29	100%	Project complete	Complete	Over budget		
Building Facilities											
23	Port Douglas Community Hall	100,000	3,137.40	82,301.04	85,438.44	30%	Track lighting selected and electrician engaged	Deliverables required to meet user group expectations	Expected to be on budget		
24	Diwan Depot Solar Power System	32,000	836.82	23,356.00	24,192.82	50%	RFQ received and contract to be awarded	Issues with out-put and security	Expected to be on budget		
25	Mossman Shire Hall - renewal of various items	150,000	1,643.06	25,500.00	27,143.06	20%	Consultant has been engaged and plans are being drawn up	Budget constraints for works - identify deliverables	Expected to be on budget		
26	Mossman Admin and Flag Staff Hill - Install remote generator monitoring	50,000	1,009.78	41,029.88	42,039.66	90%	Contractor engaged	Utilise existing services	Expected to be under budget		
27	Port Douglas Sugar Wharf - new toilets, track lights, fans	160,000	9,865.48	48,007.50	57,872.98	30%	RFQ out to market	Heritage compliance. User group & DHS consultation	Expected to be on budget		
28	Mossman Administration Building - automatic door repairs	8,000	7,540.82	-	7,540.82	100%	Project complete	Complete	Under budget		
29	Mossman Depot	70,000	959.60	-	959.60	15%	Consultant engaged to draw up design and engineering approvals	Functionality and budget constraints	Expected to be on budget		
30	Water & Wastewater Treatment Plants	-	673.16	-	673.16	0%	Project on hold	Project on hold	Project on hold		
31	Mossman Depot	63,000	2,100.00	61,436.36	63,536.36	25%	Contractor engaged	Weather	Expected to be over budget		
32	Mossman Shire Hall - Airconditioning design	30,000	-	30,000.00	30,000.00	40%	Consultant has been engaged and plans are being drawn up	Design to comply with Heritage restraints	Expected to be on budget		

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
33	Mossman Administration Building	12,000	-	-	-	5%	RFQ to be released January 2020	Compliance with current laws on smoking areas	Expected to be on budget
	Fleet								
34	Fleet Renewal Program	700,000	305,584.83	365,366.62	670,951.45	80%	All vehicles ordered	Low risk	Expected to be under budget
35	Ride On Mower	7,000	6,887.63	-	6,887.63	100%	Project complete	Complete	Under budget
	Civil Works								
36	Tara Hill Road Culvert (Grant Funded W4Q)	23,000.00	24,728.09	15.00	24,743.09	0%	Project on hold	Project on hold	Project on hold
37	Murphy Street, Port Douglas	1,500,000.00	37,492.21	1,511,900.00	1,549,392.21	10%	Contractor engaged. To commence January 2020	Weather, Site constraints, Community	Expected to be on budget
38	Davidson Street, Port Douglas (W4Q Grant funded)	400,000.00	364,859.80	15,180.00	380,039.80	100%	Project complete	Complete	Under budget
39	Drainage Program - Multi Minor Projects	200,000.00	75,989.47	2,680.00	78,669.47	35%	Side entry pit upgrades underway, survey of Davidson Street drainage commenced.	Weather, Site constraints, Community	Expected to be on budget
40	Diggers Pedestrian Bridge	100,000.00	36,454.18	12,000.99	48,455.17	50%	Hand rail assessment recommends steel modular black handrails similar to new causeway structure	Available works crew	Expected to be on budget
41	Reef Park Ultimate Design	110,000.00	1,587.97	108,500.01	110,087.98	15%	Contractor engaged - Detailed design progressing	Land acquisition required	Expected to be on budget
42	Alexandra Range	100,000.00	152.46	-	152.46	10%	Engineering assessment to be undertaken in January	Weather conditions to undertake survey	Expected to be on budget
43	Reseal Program	510,000.00	214,838.21	-	214,838.21	30%	Asphalt overlay RFQ closes 30 January 2020	Low risk	Expected to be on budget
44	Disability Infrastructure Upgrades	75,000.00	4,817.64	-	4,817.64	20%	Construction January/ February	Low risk	Expected to be on budget
45	Whyanbeel Causeway Upgrade (Grant Funded W4Q)	1,000,000.00	6,395.61	961,760.10	968,155.71	15%	Contract awarded	Long lead time components - PSC girders	Expected to be on budget
46	Atoll Close Drainage Upgrades	65,000.00	66,626.44	22,013.64	88,640.08	100%	Project complete	Complete	Over budget
47	Melaleuca Drive, Cooya Beach	55,000.00	89,155.92	3,369.15	92,525.07	100%	Project complete	Complete	Over budget
48	Warner Street Soft Approach	551,825.00	590,146.16	39,123.24	629,269.40	80%	Estimated completion date 17 January 2020	Continuous monitoring of Rosewood tree	Over budget - Monitoring project budget
49	Finlay Crescent, Oak Beach	30,000.00	9,918.17	4,738.88	14,657.05	80%	Drainage works completed and land acquisition (drainage easement) underway	Low risk	Expected to be on budget
50	Kerb and Channel Program	-	-	-	-	100%	Budget reallocated to Warner Street project	Nil	Nil
51	Drainage Inspection Program	33,434.50	30,395.00	-	30,395.00	100%	Project complete	Complete	Under budget
52	Gate for Drumsara	12,000.00	626.88	11,265.00	11,891.88	70%	Gate with galvanising company	Low risk	Expected to be on budget
53	Mowbray Street, Port Douglas	25,378.00	26,684.46	-	26,684.46	100%	Project complete	Complete	Over budget
54	Footpath Lighting Master Plan	25,000.00	-	-	-	10%	Contractor briefed, awaiting quotation	Alignment of priorities with the PCN	Expected to be on budget
	Public Spaces								
55	Dog Park	35,000.00	1,033.64	-	1,033.64	20%	Mossman site to be completed	Low	Expected to be on budget
56	Park Shade Sail Renewal Program	50,000.00	47,977.34	-	47,977.34	70%	Contractor engaged	Low	Expected to be on budget
57	Port Douglas CBD Blueprint Planning Project	300,000.00	39,534.84	46,000.00	85,534.84	20%	RFQ to be awarded for Rex Smeal Park and Market Park RFQ for blueprint documentation to be released December	Low	Expected to be on budget
58	Playground Renewal Program	525,000.00	26,945.63	200.00	27,145.63	35%	Tender closed 18 December, to be awarded in January 2020	Low	Expected to be on budget
59	Macrossan Street Improvements	211,900.00	75,837.41	39,117.00	114,954.41	40%	Landscaping underway. Irrigation infrastructure complete. Centre islands design progressing.	Low	Expected to be on budget
60	Wheelchair access from path at Port Haven to Four Mile Beach	15,000.00	8,597.12	-	8,597.12	30%	Meeting with stakeholders held in November. RFQ sought for minor works.	Low	Expected to be on budget
61	Parks Renewal Program	1,200,000.00	113,706.73	475,991.48	589,698.21	20%	RFQ out to market	Low	Expected to be on budget
62	Water Park Options	117,877.00	54,985.84	-	54,985.84	20%	Public consultation completed 11 December 2019	Grant application	Expected to be on budget
63	Welcome Signage, Captain Cook Highway, Craiglie	5,000.00	3,243.53	-	3,243.53	10%	Scoping options for future design	Low	Expected to be on budget
64	Miallo State School Carpark Renewal	40,000.00	411.50	-	411.50	10%	External grant approved. Finalising design	Low	Expected to be on budget
	Environment & Planning								
65	Mossman Pound Renewal	50,000	25,011.37	-	25,011.37	70%	Currently finalising design for cat enclosure, with the RFQ's imminent. Investigating potential sound reduction from western side.	Low risk	Expected to be on budget
66	Refurbish Pile Moorings at Port Douglas Boat Harbour	30,000	-	-	-	15%	Contractor has been on site to survey requirements and quote received but awaiting itemisation.	Low risk	Expected to be on budget
67	Port Douglas Wastewater Treatment Plant Solar Project Stage 2	50,000	38,088.59	-	38,088.59	20%	Soil testing completed in August 2019 indicating the land is suitable for solar. Officers will negotiate with DNRM to secure land.	Land currently owned by DNRM	Expected to be on budget

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
68	Undertake actions outlined in the Coastal Hazard Adaptation Strategy	65,000	1,200.00	7,020.00	8,220.00	10%	🟢 Collaboration opportunity with partner organisations unsuccessful. RFQ now being prepared to go out in January.	🟢 Low risk	🔴 Expected to be over budget
Resource Management									
69	Big Fan installation Killaloe Transfer Station Work Shed	12,000	3,674.31	4,354.00	8,028.31	100%	🟢 Project complete	🟢 Complete	🟢 Under budget
70	Resource Recovery Shed at Killaloe Transfer Station (W4Q Grant Funded)	765,000	17,888.51	-	17,888.51	5%	🟢 Geotechnical report received. QFES audit received. Quotes being sourced for engineering.	🟡 Budget, wet season, QFES requirements	🟢 Expected to be on budget
71	Killaloe Well Liftpart replacements	17,000	4,661.41	-	4,661.41	40%	🟢 Contractor completed pump repairs and replacements in October. Awaiting contractor report for priority works on remainder of system. Report received from consultant.	🟡 Contractor availability for further required works	🟢 Expected to be under budget
Disaster Management									
72	VMS Board	30,000	25,813.50	-	25,813.50	100%	🟢 Project complete	🟢 Complete	🟢 Under budget
73	Installation of two automatic rain gauges (Upper Daintree and Bloomfield). (Grant funded 50%)	46,000	9,475.95	24,930.75	34,406.70	15%	🟢 Ground truthing of gauge sites delayed to 7 January 2020 with local residents of China Camp area. Appears area around Lilly Creek may be suitable, discussion with BoM necessary on Bloomfield system priorities as QRA advise that Wujal Wujal have been funded for the same gauge. Transmission options being discussed with contractor.	🟢 Site constraints; supplier deliverables	🟢 Expected to be on budget
74	Upgrade automated road warning signs at Anich and Foxton Bridges (Grant funded 50%)	46,000	10,417.31	31,008.00	41,425.31	15%	🟢 Items procured	🟡 Weather, Long lead time procurement items	🟢 On Budget
75	Automatic rain gauges at the Port Douglas Wastewater Treatment Plant and Craiglie Pump Station	34,000	8,669.71	25,643.25	34,312.96	15%	🟢 Items procured	🟡 Weather, Long lead time procurement items, Budget	🟡 Over budget
76	Automatic river level gauge and two flood cameras for Daintree Ferry area	70,000	17,361.46	51,718.50	69,079.96	15%	🟢 Items procured	🟡 Weather, Long lead time procurement items	🟢 On Budget
77	Purchase of flood mapping over Shire	20,000	5,920.00	5,920.00	11,840.00	0%	🟢 In discussions with mapping developer and QRA. A large physical map is being procured based on GIS material received from QRA. Outline of mapping discussed with consultant in December 2019 and awaiting sample to discuss usage potential with Douglas Planning and Infrastructure teams.	🟢 Low risk	🟢 Expected to be on budget
78	Upgrade of Guardian IMS disaster management system to Cloud based	5,000	6,800.00	-	6,800.00	100%	🟢 Project complete	🟢 Complete	🔴 Over budget
79	Portable two-way radio base and antenna (Grant funded 50%)	8,500	-	-	-	70%	🟢 Testing continuing with portable mast (recently repaired as poor results were being received) and radio base to finalise requirements for sites particularly Daintree. Radio base system design finalised and tested.	🟢 Low risk	🟢 Expected to be on budget
80	Automated Flooded Road Warning Signage at Barratt Creek Daintree (Grant funded 50%)	61,000	-	-	-	70%	🟢 Testing continuing with portable mast (recently repaired as poor results were being received) and radio base to finalise requirements for sites particularly Daintree. Radio base system design finalised and tested).	🟢 Low risk	🟢 Expected to be on budget
81	Portable flood barriers (Grant funded)	17,000	17,352.08	-	17,352.08	100%	🟢 Project complete	🟢 Complete	🟢 On budget
Wastewater									
82	Manhole Raising and Resealing, HCB Lines, Sewer Main Replacements	250,000	162,157.34	6,499.35	168,656.69	65%	🟢 Sewer manhole raising works completed end of December 2019. Manhole infiltration in North Mossman is completed at this stage - further assessment to take place during wet season. Monitoring is ongoing.	🟢 Weather	🟢 Expected to be on budget
83	Sluice Valve Renewal	60,000	40,501.44	710.18	41,211.62	70%	🟢 Contractor completed works. Some more identification work to be carried out and pot holing investigation works. Colour posts and shrouds received, and works to commence early January 2020.	🟢 Environmental	🟢 Expected to be on budget
84	Wastewater Treatment Plant Radio Transmitter Unit and SCADA Upgrades - Assessment Stage	40,000	12,800.58	24,190.91	36,991.49	40%	🟢 SCADA Upgrade - contractor has visited sites to assess specific details for each area and report compilation underway. Historian aspect - Contract awarded. Purchase order issued.	🟢 Low risk	🟢 Expected to be on or under budget
85	Wastewater Pump Renewals	80,000	31,716.90	3,629.34	35,346.24	40%	🟢 Some pumps ordered. Contractor completed service of pumps and condition report now received. Assessment of results underway and commencement of renewals to begin January 2020.	🟢 Low risk	🟢 Expected to be on budget

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
86	Flow meters to Pump Stations - High filtration areas only	20,000	26,987.88	-	26,987.88	100%	Project complete	Complete	Over budget
87	Biowin/Desktop Modelling to Upgrade Port Douglas Wastewater Treatment Plant	55,000	9,829.86	-	9,829.86	30%	Final report received from Consultant and being assessed by staff. Some additional assessment still required. Order raised for Consultant to assess Class A recycled water options.	Low risk	Expected to be on budget
88	Port Douglas Wastewater Treatment Plant Aerators and Diffusers Assessment	66,000	13,023.27	-	13,023.27	30%	Assessment undertaken and report submitted by Contractor. Council officer review underway.	Low risk	Expected to be on budget
89	Port Douglas Wastewater Treatment Plant Road Upgrade	132,000	1,118.41	18,451.82	19,570.23	10%	Ergon proposal for relocation of power pole and cabling received. Works planned for March 2020.	Weather, budget, Ergon relocation	Potential overrun
90	Upgrade Pipework to North Mossman Sewer Pump Station	25,000	238.92	-	238.92	15%	RFQ stage pending final outcome from infiltration works project to determine requirements for this project. Decision made to review this project in March 2020 post network renewals/manholes work completion.	Risk of increasing flow could cause issues down stream	Potential overrun
91	Sewer Pump Station Lids	50,000	33,087.19	1,036.36	34,123.55	80%	All lids installed, and an additional 2 more lids to be measured up and ordered.	Budget to do the amount identified as needing replacement	Expected to be on budget
92	Fixed Generators at Sewer Pump Stations x 2	115,000	70,171.10	37,426.14	107,597.24	45%	Generators on-site at Port Douglas Treatment Plant pending installation. Electrical pending other works stages. Anti-vandal protection cages nearly ready for install stage. Expected completion in January 2020.	Budget is tight	Possibly on budget but won't know until installation works fully commence at sites.
93	Mossman Wastewater Treatment Plant Lime Dosing Equipment Assessment of Chemical Dosing - Consultant costs	40,000	4,956.64	-	4,956.64	20%	Dosing options discussed with Process Engineer. Trial commenced using caustic soda. Various testing stages to occur and results and costings to be assessed at end of trial by consultant. Assessment of results to occur in January 2020.	Low risk	Expected to be on or under budget
Water Quality									
94	Water Treatment Plants PLC SCADA Equipment Renewals	18,000	13,244.00	-	13,244.00	40%	Order raised for supply of equipment awaiting supply.	Low risk	Expected to be on budget
95	Water Treatment Plants Radio Transmitter Unit and SCADA Upgrades - Assessment Stage	50,000	7,544.59	28,093.16	35,637.75	40%	SCADA Upgrade - contractor has visited sites to assess specific details for each area and report compilation underway. Historian aspect - Contract awarded.	Low risk	Expected to be on budget
96	Mossman Water Treatment Plant CIP Filter Replacement	28,000	29,470.58	-	29,470.58	100%	Project complete	Complete	Slightly over budget
97	Water Treatment Plants Instrument Process Control Renewals Program	69,000	23,025.99	8,793.73	31,819.72	25%	Purchasing underway, progressive spend over 12 months.	Low risk	Expected to be on budget
98	Mossman Treated Water Reservoir Relining Assessment	50,000	8,702.32	-	8,702.32	20%	Drone submarine investigation occurred in December 2019.	Unknown scope	Potential to increase due to unknown scope
99	Whyanbeel Water Treatment Plant New Residual Treatment Plant - Design Stage	70,000	4,640.67	-	4,640.67	10%	Design commenced	Scope creep	Expected to be on budget
100	Communication System Upgrade to Ethernet at Water Treatment Plants	70,000	51,704.33	-	51,704.33	85%	Contractor engaged on project. Works are currently underway.	Low risk	Expected to be on budget
101	Water Treatment Plants Pump Overhauls	90,000	504.31	78,600.01	79,104.32	20%	Contract awarded. Pumps on order.	Low risk	Expected to be on budget
102	Water Treatment Plants Air Compressor Renewals	75,000	62,496.96	5,160.00	67,656.96	90%	Air compressors installed. Minor programming changes to be completed.	Low risk	Expected to be on budget
103	Daintree Water Treatment Plant Genset External Fuel Tank and Structural Renewal	20,000	4,566.88	19,218.18	23,785.06	15%	Design completed, Contract awarded, purchase order issued. Materials ordered, awaiting supply.	Low status	Over budget
104	Craiglie Reservoir Upgrades (chlorine dosing)	150,000	1,537.06	-	1,537.06	5%	Project briefing started	Potential organisational risk	Expected to be on budget
Water Reticulation									
105	Rex Creek Aerial Trunk Main Renewals	384,211	25,538.80	27,559.82	53,098.62	45%	Consultant completed site analysis. Pending final report.	Suitable technical solution, weather	Expected to be under budget
106	Water Network Service Renewals Program	500,000	415,987.83	51,132.44	467,120.27	40%	Ongoing. Materials etc. ordered. Some renewals completed.	Low risk/weather dependent	Expected to be on budget
107	Automatic Flushing Stations x 4	-	-	-	-	0%	Project on hold	Project on hold	Project on hold
108	Smart Meter Trial	10,000	548.16	-	548.16	5%	Consult with community program	Low risk	Expected to be on budget
109	PRV and District Metering - Design Stage	2,000	1,070.06	-	1,070.06	5%	Project on hold	Project on hold	Project on hold
110	Cooya Beach Reservoir Pipeline - Design Stage (feasibility)	30,000	5,574.76	3,280.00	8,854.76	35%	Consultant undertaking HGL Assessment. Property review, Easement amendments with land owner.	Land tenure	Expected to be under budget

	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete	Program Status	Project Risk Status	Project Budget Status
111	Daintree Intake - Pipework and Access Track Renewal	100,000	6,698.39	52,746.00	59,444.39	50%	<input checked="" type="checkbox"/> Works have commenced, however minor delay to intake works due to unavailability of materials (bush fire impact). Additional steps to be ordered as more are required.	<input checked="" type="checkbox"/> Adverse weather conditions	<input checked="" type="checkbox"/> Expected to be on budget

Budget Review December 2019										
	Project Name	Budget	Actuals	Committals	WIP (Actuals & Committals)	Percentage Complete		Program Status	Project Risk Status	Project Budget Status
Community Development										
1	Public Places Christmas Trees	48,000	49,099.08	-	49,099.08	100%		Project complete	Complete	Over budget
2	Port Douglas Sports Complex Shed	42,000	36,925.41	-	36,925.41	100%		Project complete	Complete	Under budget
Property Services										
3	Land Purchase - Carbon Credits	770,000	766,548.39	-	766,548.39	100%		Project complete	Complete	Under budget
4	Mossman Pool Urgent Capital Works	250,000	188,191.83	66,389.07	254,580.90	80%		Modifications to front landscape and upstairs yet to occur	Low risk	Expected to be over budget
5	AFL Field Fence (Grant Funded)	10,000	-	-	-	15%		As per Council Resolution 3 December 2019 to contribute \$10,000 towards fence.	Low risk	Expected to be on budget
Building Facilities										
6	Donga Refurbishment	25,000	-	-	-	0%		RFQ received	Low risk	Expected to be on budget
7	Safer Streets - CCTV & Solar Path lights (Grant funded)	398,980	172,314.49	74,544.87	246,859.36	60%		CCTV completed. Light poles to be ordered	Satisfying user group / Public notification	Expected to be on budget
Civil Works										
8	Unsealed Road Renewal Program	390,000	389,384.51	-	389,384.51	100%		Project complete	Complete	Under budget
9	Bonnie Doon Road	20,000	-	-	-	0%		Design phase to be commissioned	Low risk	Expected to be on budget
10	Daintree Ferry Landside Infrastructure	250,000	-	-	-	0%		Design phase to be commissioned	Low risk	Expected to be on budget
Public Spaces										
11	Decorative Lighting	110,000	5,725.44	2,380.90	8,106.34	5%		Front Street work to be scoped	DTMR approvals	Expected to be on budget
Resource Management										
12	Profile survey, earthworks and stormwater management Newell Refuse Station	35,000	32,996.28	-	32,996.28	100%		Project complete	Complete	Under budget
Disaster Management										
13	Betterment Projects - 95% grant funded	180,000	287.10	31,100.00	31,387.10	5%		Survey phase commissioned	Low Risk	Expected to be on budget