

WATER SERVICES

ATTACHMENT A

**WATER SERVICES INFRASTRUCTURE
PROJECT STATUS REPORTS**

ORDINARY MEETING

28 FEBRUARY 2018

Contents

Item Type	Name	Project Director	Project Manager	Milestone	Report Board	Status Date	Project Score	Schedule Status	Cost Status	Resource Status
Portfolio	1. STRATEGIC PLAN, DELIVERY PROGRAM, OPERATIONAL PLAN									
Portfolio	1. Service Quality & Continuity									
Portfolio	1.1 Deliver water related services to the community to agreed service levels									
Portfolio	1.1.3 Deliver our asset management strategy									
Activity - Delivery Program	Deliver our sewerage scheme capital works program	Brendan Guiney								
Project	GE-SRT-00 Sewer Renewals FY18 Program	Mal Flew	Graeme Wynter	Implement	Yes	02/02/17	7.00	Green	Yellow	Green
Program	Sewerage Treatment Plant New									
Project	Pacific Palms STP - Stage 1	Mal Flew	Mitchell Stace	Design	Yes	05/02/18	5.00	Green	Green	Green
Activity - Delivery Program	Deliver our water supply scheme capital works program	Brendan Guiney								
Program	Gloucester WTP Upgrade (P336543)	Mal Flew	David Morse	Implement	Yes	07/02/18	9.00	Yellow	Green	Yellow
Program	Nabiac Inland Dune Aquifer Water Supply Scheme (P342529)	Mal Flew	Mitchell Stace	Implement		12/08/15		Green	Green	Green
Project - Non Infrastructure	Nabiac Inland Dune Aquifer Water Supply Scheme - Program (P342529)	Mal Flew	Mitchell Stace	Ready to Integrate - Finalise	Yes	06/02/18	2.70	Green	Green	Green
Program	Water Mains Renewals	Mal Flew	Graeme Wynter			27/07/17		Green	Green	Green
Project	GE-WRT-00 Water Renewals Program FY18	Mal Flew	Graeme Wynter	Implement	Yes	05/02/18	6.00	Green	Yellow	Green
Program	Water Treatment Plant Upgrades									
Project	Bootawa Dam Safety Works 2017 - Geotechnical review, monitoring equipment and flood capacity assesse	Mal Flew	David Goodwin	Finalise	Yes	05/02/18	9.00	Yellow	Green	Green
Program	Sustaining Works									
Project	GE-SPS-00 SPS Switchboard Renewals (500005)	Mal Flew	Mark Sheather	Plan	Yes	05/02/17	6.50	Yellow	Green	Green
Project	GE-WTP-00 WTP chemical Systems Renewals (500008)	Mal Flew	David Morse	Implement	Yes	07/02/18	8.50	Green	Green	Yellow

Glossary of PM reporting terms

Budgets

The Monthly Project Status Reports provided to the Board reports the budget and milestones for each project in 4 dimensions. Dimensions are sets of data that represent certain situations or goals. A brief definition of the dimensions:

- **Target** This dimension contains the original budget amount and milestone dates on which the project was justified. The Target dimension is a useful for comparison of what the original assumptions and goals for the project were and how they may have changed over time. The target budget is the estimate from the Business Case at time of project initiation, the milestone dates may have been established via the Delivery Program.
- **Baseline** This dimension contains the budgeted amount and milestone dates approved for the project. The budget and milestones is approved by the Board via the annual budget and quarterly review process.
- **Actual** This dimension contains values that represent the actual cost to date of the project and actual dates that milestones were achieved.
- **Plan** This dimension is used for more detailed project planning. Values in the plan dimension reflect a more detailed knowledge of the project execution requirements. The Plan dimension includes cost of the work to date plus the latest estimate to complete the remaining work. The Plan budget and timeframes have not been approved.

Definitions of Status Indicators (traffic lights)

The traffic light system (Green, Yellow and Red) is used to indicate schedule, resources, cost and overall project status. Generic definitions for the traffic lights are as follows:



Green: The project is progressing according to plan and we are on track to deliver the project in line with the current baseline (milestones and budget).



Yellow: There are issues/risks that are likely to impact the project if they are left unfixed and we are at risk of not meeting the current baseline.



Red: There are issues/risks that are currently impacting the project and we are no longer able to meet the current baseline.

Within the Mariner status reporting function, the project manager selects a green, yellow, or red status for schedule, resources and cost elements of the project, while the overall project status is automatically set based upon the least favourable status from these three inputs. This is illustrated in the following example:

Status Date

Schedule Status

Resource Status

Cost Status

Project Status

Here, the project manager has indicated the project schedule is healthy, issues have arisen which pose a risk to the project's resources, and the project costs are not meeting the baseline. The red project status is based upon the selection of the red cost status.

Project Name

Status Date

GE-SRT-00 Sewer Renewals FY18 Program

02/02/2017

Project Status	Schedule	Resource	Cost	Project Score
Yellow	Green	Green	Yellow	7.00

Project Director Mal Flew

Project Manager Graeme Wynter

Description The renewal of sewer reticulation mains as identified for the financial year 2017/2018 including relining of existing mains, replacement of junctions and manholes as applicable. The program also includes completion of all projects that were in process and incomplete from previous financial year. Finalisation activities included within the scope of works for update data within GIS and Asset databases.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$409,561.00
	\$600,000.00	\$713,300.00	\$779,825.00	Commitments	\$0.00
				Total:	\$409,561.00

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
27/06/2017	\$600,000.00	Endorsement of 2017/2018 operational plan including budget	TBC
22/11/2017	\$713,300.00	Approved Project Requirement Statement including in progress FY17 projects. Endorsement of quarterly budget review for Water Services at the end of September 2017	266/17

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$713,300.00	\$0.00	\$713,300.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Initiate</i>	01/07/2017	01/07/2017	22/08/2017	22/08/2017	Complete - Late	100 %
<i>Concept</i>						0 %
<i>Design</i>						0 %
<i>Plan</i>						0 %
<i>Implement</i>	30/06/2018	30/06/2018	30/06/2018		In Process - On-Time	50 %
<i>Finalise</i>	31/08/2018	31/08/2018	31/07/2018		Not Started	0 %

Progress this reporting period

Continued with Relining works Gloucester No.3 Catchment.

Continued works small renewals works in Bounty Key Forster and Koonawarra Drive Hawks Nest.
Started preliminary works prior to relining contractor carry out works on Hawks Nest catchment area.

Current No. of Projects allocated to program: 17

Projects In Process: 7

Projects Not Started: 4

Projects Completed: 6

Planned activities for the next reporting period

Continue relining works in Gloucester No.3 Catchment. Finalise scope of works and estimate for the relining and repairs works in the Hawks Nest catchment.

Begin review of the FY18 program to include additional projects following new CCTV footage of other sewer catchments. Review to be completed over the next 2 to 3 months and align with the 3rd Quarter Capital Works Budget Review.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name

Pacific Palms STP - Stage 1

Status Date

05/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Green	Green	Green	Green	5.00

Project Director

Mal Flew

Project Manager

Mitchell Stace

Description

Stage 1 of this project will provide balance and emergency storage ponds to be used for wet weather storage, reducing operational and environmental risks at the existing SPS PP07.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$131,904.87
	\$3,000,000.00	\$3,000,000.00	\$3,000,000.00	Commitments	\$0.00
				Total:	\$131,904.87

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
16/09/2014	\$3,000,000.00	Approval of the project initiation gateway report within the Sept 2014 Board Meeting	2014-083 Item 3

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$3,000,000.00	\$128,808.00	\$51,000.00	\$2,820,192.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Initiate</i>	19/08/2014	20/08/2014	20/08/2014	20/08/2014	Complete - On-Time	100 %
<i>Concept</i>	28/10/2014	30/06/2017	30/06/2017	30/06/2017	Complete - On-Time	100 %
<i>Design</i>	19/05/2015	31/10/2018	30/06/2018		In Process - On-Time	2 %
<i>Plan</i>	11/08/2015	31/01/2019	31/01/2019		Not Started	
<i>Implement</i>	19/07/2016	31/07/2019	31/07/2019		Not Started	
<i>Finalise</i>	11/10/2016	31/10/2019	31/10/2019		Not Started	

Progress this reporting period

Nil progress this reporting period.

Planned activities for the next reporting period

Obtain review and approval of revised concept report.

Begin detailed design of storage pond.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name

Status Date

Gloucester WTP Upgrade (P336543)

07/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Yellow	Yellow	Yellow	Green	9.00

Project Director Mal Flew

Project Manager David Morse

Description
 This program of work encompasses a 3 staged Upgrade Project of the Water Treatment Plant based upon serviceability, condition and process criticality. The Gloucester WTP upgrade key deliverables will include: Chemical dosing systems upgrade, online water analysis, river Pumpstation upgrade, plant automation, electrical upgrade and control building improvements. This project aims at improving the operational performance of the WTP and removing risks to drinking water delivery and quality.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$830,179.85
	\$0.00	\$1,092,000.00	\$1,092,000.00	Commitments	\$83,286.86
				Total:	\$913,466.71

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
21/07/2015	\$895,000.00	Approval at ready to implement gateway based on widened scope in response to WTP incident.	2015-379 item 4
21/04/2015	\$595,000.00	Budget approval based on concept gateway scope.	2015-282 Item 2
22/11/2017	\$1,092,000.00	Baseline budget adjustment approved at November Board Meeting	264/17

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$1,092,000.00	\$757,000.00	\$335,000.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Initiate</i>	11/02/2015	11/03/2015	11/03/2015	11/03/2015	Complete - On-Time	100 %
<i>Concept</i>	14/04/2015	21/04/2015	21/04/2015	21/04/2015	Complete - On-Time	100 %
<i>Design</i>	12/05/2015	09/07/2015	09/07/2015	09/07/2015	Complete - On-Time	100 %
<i>Plan</i>	09/06/2015	09/07/2015	09/07/2015	09/07/2015	Complete - On-Time	100 %
<i>Implement</i>	10/11/2015	28/06/2017	16/05/2018		In Process - Late	82 %
<i>Finalise</i>	08/12/2015	09/08/2017	27/06/2018		Not Started	

Progress this reporting period

Completed the removal of the remaining redundant pneumatic lines and equipment

Completed the detailed electrical design including review and acceptance from stakeholders.

SD removing redundant equipment and cabling from the MSB in preparation for the electrical upgrade works
Polymer system design complete and fabrication near completion

Planned activities for the next reporting period

Empty and clean Polymer room ready for installation in March/April

Seek quotes on supply and install of electrical MCC and associated equipment.

Begin procurement of the remaining scope of works in accordance with the approved procurement plan.

Conduct a review of the schedule and required implementation and finalisation activities will be conducted to ensure sufficient resource is available to meet delivery milestones.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name

Status Date

Nabiac Inland Dune Aquifer Water Supply Scheme - Program (P342529)

06/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Green	Green	Green	Green	2.70

Project Director Mal Flew

Project Manager Mitchell Stace

Description The full scope of this project includes the development of the bore field, bore huts, water treatment plant, storage reservoirs and connections into the existing Manning System reticulation system.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$26,528,219.00
	\$36,000,000.00	\$34,600,000.00	\$34,127,860.00	Commitments	\$5,831,348.00
				Total:	\$32,359,567.00

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
15/07/2014	\$32,380,000.00	In the July 2014 meeting, the Board resolved the baseline budget for Stage 1 of the project be revised to \$32.38m based on the revised business case, with the budget allowance for the costs to complete the project revised to \$19.2m including contingency.	2014-156 Item 2
17/11/2015	\$34,600,000.00	Budget baseline approved to be changed based on CPI increases. additional planning resource needs, identification of additional scope items and confirmation of costs for some components of the scheme such as electrical services and re-specified pipework.	2015-515 Item 5

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$34,600,000.00	\$20,919,745.00	\$11,523,000.00	\$2,157,255.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Business Case complete</i>	27/06/2003	27/06/2003	27/06/2003	27/06/2003	Complete - On-Time	100 %
<i>Approvals obtained</i>	25/09/2015	30/11/2016	02/12/2016	02/12/2016	Complete - Late	100 %
<i>Ready to Implement - Lead in Services</i>	23/10/2015	15/12/2016	15/12/2016	15/12/2016	Complete - On-Time	100 %
<i>Ready to Implement - Darawank WPS</i>	04/01/2016	24/04/2017	27/09/2017	27/09/2017	Complete - Late	100 %

Ready to Implement - Nabiac WTP	06/09/2016	30/11/2016	13/12/2016	13/12/2016	Complete - On-Time	100 %
Ready to Integrate - Finalise	03/07/2018	06/11/2018	06/11/2018		In Process - On-Time	8 %

Progress this reporting period

Approvals.
Completed State Funding December Claim.

Nabiac WTP
Treatment Building - Commenced chemical dosing area equipment installation. Complete PA and roller door installation. Continue stainless steel and process pipework installation. Control Building - Installed wall insulation. Commenced wall and ceiling linings, tiling & waterproofing waterproofing membrane. Commence wall and floor tiling. Waste Water PS - Commenced internal coating. Treated Water Reservoir - Nil Progress. Pre Treatment Tank - Nil Progress. Lime and Chlorine Gas Building - Install PA access doors. Installed access stairs and walkways. Electrical - Continued cable tray and cable installation plan. Clean conduits prior to cable installation

Lead In Services - works completed.

Nabiac Borefield - Received last 3 bore pumps. Completed installation of bore pumps & valves. Installed salinity data loggers and level sensors to all monitoring bores. Ordered all remaining electrical equipment. Repaired and retested the 600mm treated water main from WTP to Darawank. Continued installation works on fibre network.

SCADA and Commissioning - Compiled and closed out list of issues following FAT of SCADA. Begun preparation of assets data collection. Received a revised commissioning plan from WTP contractor's plan. Begun preparation of operations manuals.

Darawank PS
Completed 95% of electrical installation works Energised the site to enable site commissioning to begin. Carried out laser alignment of weir pumps. Installed level transmitter & fire main at Darawank Balance tank.

Planned activities for the next reporting period

Approvals.
Obtain approval for modified production bore licences & amended monitoring bore levels. Amend borefield environmental management plan to suit as constructed information. Prepare draft amendments to MCC drink water quality plan. Obtain final inspection of Darawank PS for BCA compliance.

Nabiac WTP
Treatment Building - Continue and complete all chemical dosing installations. Commence air compressor, air receiver and airline installation. Continue with installation of stainless steel pipework including rectification of defective welds via approved work method. Control Building - Complete all internal fitout and joinery. Complete all plumbing fitout, painting & air conditioning installation.
Waste water PS - Commenced concrete lid, pump, pipework and associated fittings installation. Place reinforced concrete slab, plinths along with concrete backwash tanks. Begin installation of waste water line. Treated Water Reservoir - Receive contractors submittals. Continue with installation of wall panels. Pre Treatment Tank - Commence above ground pipework, and complete concrete works. Install degassing tower. Lime & Chlorine Building - Install ceiling to chlorine building. Complete roof and stair installation. Electrical - Continue cable installation. begin installation of instruments. Site works - Begin installation of site fire main. commence road works including trimming, subbase and base courses.

Darawank PS - Finalise remaining scope of works under electrical contract. Compile a list of defective works and issue practical completion certificate. Install PLC to switchboard and communication equipment to site.

Nabiac Borefield - Complete installation of all remaining electrical works to bore huts. Complete preparation of commissioning ITPs including flushing and disinfection as required. Complete all fibre installation and testing including the link between WTP & Darawank PS.

SCADA and Commissioning - Conduct a further FAT of the SCADA/PLC with focus on the membrane sequencing and Darawank Pump station. Installed PLC at Darawank PS in preparation of SAT. Carry out a commissioning risk assessment workshop. Complete planning for commissioning to commence at Darawank PS and Borefield

including incorporating training plan.

Recommendations to correct any adverse status (Red or Yellow)

Project Name

GE-WRT-00 Water Renewals Program FY18

Status Date

05/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Yellow	Green	Green	Yellow	6.00

Project Director

Mal Flew

Project Manager

Graeme Wynter

Description

The renewal of water reticulation mains as identified for the financial year 2017/2018 including replacement of hydrants, valves and associated fittings as applicable. The program also includes completion of all projects that were in process and incomplete from previous financial year. Finalisation activities included within the scope of works for update data within GIS and Asset databases.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$868,431.00
	\$1,200,000.00	\$1,200,000.00	\$1,371,546.00	Commitments	\$21,767.00
				Total:	\$890,198.00

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
27/06/2017	\$1,000,000.00	Adopted FY18 Operational Plan and Capital works Budget	TBC
22/11/2017	\$1,200,000.00	Approval of FY18 Project Requirement Statement including In progress works for FY17 program. Budget adjustment endorsed within the adoption of MidCoast Water Services Quarterly budget review at end of September 2017	Item 266/17

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$1,200,000.00	\$0.00	\$1,200,000.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Initiate</i>	01/07/2017	01/07/2017	22/08/2017	22/08/2017	Complete - Late	100 %
<i>Concept</i>						0 %
<i>Design</i>						0 %
<i>Plan</i>						0 %
<i>Implement</i>	30/06/2018	30/06/2018	30/06/2018		In Process - On-Time	65 %
<i>Finalise</i>	31/07/2018	31/07/2018	31/07/2018		Not Started	0 %

Progress this reporting period

Completed works in Mortimer St Wingham,
Kendal Pde Cundletown, Heath Ave Tuncurry & Lansdowne Rd Langley Vale

Stared works in Fisher St Taree & River Rd Glenthorne
Continued works in Old Punt Rd Glenthorne

Current No. of Projects allocated to program: 15

Projects In Process: 4

Projects Not Started: 1

Projects Completed: 10

Planned activities for the next reporting period

Continue works on planned renewals at Glenthorne & Taree.

Begin review of the FY18 program to bring forward projects from FY19 renewals
program including preparing revised estimate of the work packages.

Review to be completed over the next 2 to 3 months and align with the 3rd
Quarter Capital Works Budget Review.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name

Status Date

Bootawa Dam Safety Works 2017 - Geotechnical review, monitoring equipment and flood capacity assesse

05/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Yellow	Yellow	Green	Green	9.00

Project Director

Mal Flew

Project Manager

David Goodwin

Description

This project addresses recommended actions identified in the Comprehensive Surveillance Reports of 2009 and 2014 and endorsed by the NSW Dams Safety Committee in June 2015.

The project encompasses the design, construction and commissioning of a replacement piezometer monitoring system and an assessment of the geotechnical characteristics of the downstream shoulder foundation of Bootawa Dam. The project will also deliver an assessment of the existing spillway capacity and flood hydrology in line with the NSW Dam Safety Committee guidelines.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$219,487.32
	\$379,000.00	\$269,500.00	\$269,500.00	Commitments	\$47,426.98
				Total:	\$266,914.30

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
22/11/2017	\$269,500.00	Adoption of MidCoast Water Services Quarterly budget review at end of September 2017.	Item 266/17
20/09/2016	\$379,000.00	Budget update at ready to initiate gateway based within the August 2016 Board Report	2016-159 Item 8

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$269,500.00	\$72,500.00	\$197,000.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
Initiate	16/08/2016	16/08/2016	16/08/2016	16/08/2016	Complete - On-Time	100 %
Concept	30/11/2016	30/11/2016	28/10/2016	28/10/2016	Complete - On-Time	100 %
Design	28/02/2017	28/02/2017	28/02/2017	28/02/2017	Complete - On-Time	100 %
Plan	30/03/2017	30/03/2017	30/06/2017	30/06/2017	Complete - Late	100 %
Implement	30/05/2017	30/05/2017	28/11/2017	28/11/2017	Complete - Late	100 %
Finalise	30/07/2017	30/07/2017	30/03/2018		In Process - Late	50 %

Progress this reporting period

Nil progress during this reporting period.

Planned activities for the next reporting period

Receive all finalisation documentation required to be submitted by contractor.

Carry out minor works in and around BH01.

Complete operator training as required.

Issue practical completion certificate and begin defects liability period.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name

Status Date

GE-SPS-00 SPS Switchboard Renewals (500005)

05/02/2017

Project Status	Schedule	Resource	Cost	Project Score
Yellow	Yellow	Green	Green	6.50

Project Director

Mal Flew

Project Manager

Mark Sheather

Description

Provide design & new replacement cost benefit against refurbishment back to original dated condition of switchboards at the following stations:

HP-SPS-01, TI-SPS04, BU-SPS01, FO-SPS-02, OB-SPS-04, OB-SPS-06, PP-SPS-04, PP-SPS-06, PP-SPS-08, PP-SPS-14, PP-SPS-17, PP-SPS-18, PP-SPS-19, TA-SPS-08, TI-SPS-03, TU-SPS-05, WG-SPS-06, HP-SPS-06, FO-SPS-06, HP-SPS-07.

A review of the current switchgear including the standards they were manufactured to indicates that the Pumping Station Switchgear does not comply with current standards.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$38,515.96
	\$600,000.00	\$1,165,000.00	\$1,165,000.00	Commitments	\$0.00
				Total:	\$38,515.96

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
20/12/2017	\$1,165,000.00	Approved at the December Council Meeting in line with the Ready to Implement Gateway Report	294/17
22/11/2017	\$850,000.00	Adoption of MidCoast Water Services Quarterly budget review at end of September 2017.	Item 266/17

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$1,165,000.00	\$10,580.00	\$364,000.00	\$790,420.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Initiate</i>	15/11/2016	15/11/2016	23/11/2016	23/11/2016	Complete - On-Time	100 %
<i>Concept</i>	30/03/2017	30/03/2017	20/12/2017	20/12/2017	Complete - Late	100 %
<i>Design</i>	31/05/2017	31/05/2018	31/05/2018		Not Started	0 %
<i>Plan</i>	20/12/2017	20/12/2017	28/03/2018		In Process - Late	95 %
<i>Implement</i>	28/10/2018	28/10/2018	29/10/2018		Not Started	0 %
<i>Finalise</i>	30/11/2018	30/11/2018	30/11/2018		Not Started	0 %

Progress this reporting period

A budget increased of \$1,165,000.00 was approved at the December Council Meeting in line with the Ready to Implement Gateway.

Finalised all concept reports for each pump station site required to have new switchboards.

Finalised overall PMP, including construction estimate, project budget, schedule and procurement plan.

Finalised all tender documentation. Prepared and released tender advertising.

Released all tender documentation via tender portal with tender period beginning 21st December 2017 and closed on 22nd February 2018. Engaged with tenderers answering tender questions and conducting site inspections as necessary.

Planned activities for the next reporting period

Continue engaging with tenderers including carrying out site inspections as requested.

Complete overall tender evaluation plan.

Close tender and carry out tender review. Complete tender assessment report and recommend preferred tender for approval. Prepare deed of agreement.

Conduct overall project health check to enable proceeding to implementation phase.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name

Status Date

GE-WTP-00 WTP chemical Systems Renewals (500008)

07/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Yellow	Green	Yellow	Green	8.50

Project Director Mal Flew

Project Manager David Morse

Description In November 2015 an audit was performed on the treatment plant chemical systems to review the compliance of the systems with relevant Australian Standards. The audit found that while the overall systems were functioning well, there are many areas that may not be compliant with standards, or that posed a risk to WHS or Environment.

Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$47,651.97
	\$300,000.00	\$606,000.00	\$606,000.00	Commitments	\$97,004.80
				Total:	\$144,656.77

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
22/11/2017	\$606,000.00	Approval of the project ready to implement gateway report within the November 2017 board meeting	264/17

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$606,000.00	\$36,000.00	\$285,000.00	\$285,000.00	\$0.00	\$0.00	\$0.00

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Initiate</i>	18/11/2016	18/11/2016	18/11/2016	18/11/2016	Complete - On-Time	100 %
<i>Concept</i>	31/03/2017	28/04/2017	05/10/2017	15/05/2017	Complete - On-Time	100 %
<i>Design</i>	30/06/2017	30/06/2017	16/11/2018		In Process - On-Time	30 %
<i>Plan</i>						0 %
<i>Implement</i>	29/09/2017	16/11/2018	16/11/2018		In Process - On-Time	2 %
<i>Finalise</i>	31/10/2017	14/12/2018	14/12/2018		Not Started	0 %

Progress this reporting period

Procured Chlorine Gas System for Stroud Water Treatment Plant.
 Chemical dosing lines upgrade at TG WTP commenced , flexible Chlorine dosing line upgraded to rigid double contained
 Caustic, Citric and SMBS lines in progress
 Bulk storage ACH tank delivered and installed in Pre Treatment building, pending plumbing connections

B&W Water solutions engaged to complete TG WTP then move to Stroud for Chlorine gas works
Bulahdelah works will be programmed between these jobs on a priority basis for Fluoride , chlorine and PAC amendments.
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Planned activities for the next reporting period

Continue procurement of equipment for Stroud and Bulahdelah Chemical system upgrades
Programming of contractors for electrical, plumbing and building trades over the 3 sites
Conduct a review of the overall review of resource availability and schedule.

Recommendations to correct any adverse status (Red or Yellow)

Nil

Project Name	MCW Project ID	Status Date
Implement Enterprise Business Management Systems (Technology One) software	401207	09/02/2018

Project Status	Schedule	Resource	Cost	Project Score
Green	Green	Green	Green	2.00

Project Director	Carol Avis	Project Manager	David Cooke
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Description	To investigate, purchase and implement Enterprise Business Management Systems software to replace the current CivicView Enterprise software.
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Total Project Budget	Target	Approved Budget (Baseline)	Plan	Actual:	\$3,333,884.42
	\$1,000,000.00	\$3,200,000.00	\$3,200,000.00	Commitments	\$28,971.91
				Total:	\$3,362,856.33

Project Budget Baseline progression	Approved Budget	Reason for new Baseline	Resolution No.
15/07/2013	\$1,000,000.00	Original Business Case submitted to Board	2013-131 Item 1
15/07/2014	\$3,200,000.00	Subject of Confidential Report to the Board - 15 July 2014. Estimate based on price submitted by preferred tenderer.	2014 - 163 Item 1

Budget Cash Flow	Approved Project Total	Up to Current FY	Current FY	FY + 1	FY + 2	FY + 3	FY + 4 and beyond
	\$3,200,000.00	\$3,200,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Budget Current Year	Revised	Actual	Commitment	Variance
	\$357,200.00	\$99,015.56	\$28,971.91	\$229,212.53

Project Milestones	Target	Approved Schedule (Baseline)	Plan	Actual	Status	% Complete
<i>Contracts and Contractor Registrations</i>	03/03/2017	03/03/2017	31/05/2017		On Hold	80 %
<i>Major Projects / Sustaining Capital Projects</i>	30/06/2017	30/06/2017	30/06/2017		On Hold	65 %
<i>eServices</i>	30/06/2017	30/06/2017	30/06/2017		On Hold	5 %
<i>Work Order Mobility</i>	23/12/2016	23/12/2016	23/12/2016		On Hold	80 %
<i>Enhancement work packages (Customer Requests and Work</i>	14/02/2017	14/02/2017	14/02/2017		Complete - Late	100 %

Types)						
Handover to Business and Information Technology	30/06/2017	30/06/2017	30/06/2017		Complete - Late	100 %

Progress this reporting period

Handover to the business:

The original MidCoast Water implementation of TechOne (Water Services EMBS Project) has now been declared as completed.

Following MCW merger with MidCoast Council, and MCC's decision to begin using TechOne across the organisation (MC1 Project), it has been decided that those elements of the Water Services EBMS project that were on hold pending the outcome of the likely merger will not be progressed as part of the Water Services EBMS project.

Consultation with key staff in Water Services business confirm most staff are able to carry out their core responsibilities within TechOne, as long as support/assistance continues.

Support/assistance was handed to IT some time ago, with requests being lodged to the Service Desk, and IT delegation to internal experts, with an agreed process of escalation, through agreed representatives, to TechOne Technical Support where needed. Support for the Water Services On-premise TechOne system is now part of the MCC contract with TechOne.

Any further enhancement requests are being sent to Service Desk, and are avoided unless the gain to operational process is measurable. Any enhancements that are progressed are considered Business as usual and not project related. A clear halt date to any changes is likely to be set to allow for effective consolidation of Water Services processes into the MC1 project.

Planned activities for the next reporting period

None. Project is complete; handover to Operational business owners is complete

Level of Issue (Pre-Treatment)

Low

Risk Status (Post Treatment)

Low

Problem/Issues - affecting the Level of Issue

None

Risk – New and changed risks affecting Risk Status

The Risk Status has been changed to Low for the following reasons:

- * milestones that had been on hold and had been causing increased risk to the project's overall status have now been removed as goals.
- * the completed installation has been successfully handed over to the business for day-to-day operational management and support.
- * Ongoing support is being successfully integrated into the MCC Contract
- * Any remaining enhancement requests must be kept to a minimum so that WS TechOne processes do not go through change while they are being reviewed as part of the MC1 project

Recommendations to correct any adverse status (Red or Yellow)

The elements of the project that were closed be considered as potential interest for the MC1 Project.