

Project Title:	WWCC - Levee Pump Augmentation Project & Wagga Wagga Levee Gate 15A Remediation	Client:	Wagga Wagga City Council
Stantec Job No.:	300203869	Contract:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
WWCC Project Manager:	Andrew Mason	Stantec Project Manager:	Amos Micallef Date: 12-Oct-23

PROGRAM/PROGRESS

Key Milestones/Deliverables	Completion as per Service Offer	Forecast/Actual Completion	Comment
WWCC - Levee Pump Augmentation Project			
1 Project Management - Kick Off Meeting	15-Dec-23		In Progress - Kick off Complete
2 Milestone 1 - Flood model, catchment analysis and volume determination	08-Sep-23		In Progress
3 Milestone 2 - Installation constraints analysis	15-Sep-23		In Progress
4 Milestone 3 - Concept design	19-Dec-23		In Progress
5 Milestone 4 - Gate 15A structure analysis, volume and head calculations	15-Dec-23		In Progress
Levee Gate 15A Remediation			
6 Gate 15A Assessment of Conditions	2 weeks from site visit (24/8/2023)	30-Oct-23	Complete
7 Gate 15A Development of Design	4 weeks from site visit (24/8/2023)	30-Oct-23	Preliminary drawings - Approximately 50% complete and ready for internal QA and design reviews

Progress To Date	% Complete	Comment
1 WWCC - Levee Pump Augmentation Project		
PROJECT MANAGEMENT		
Project Management & Safety	70%	Ongoing
Milestone 1 - Flood model, catchment analysis and volume determination		
Project Kick-Off Meeting (MS Teams)	200%	Completed during site visit, minutes have been issued
Obtain & undertake Peer Review of existing hydrologic and hydraulic model data	175%	Completed high level review
Update hydraulic model (minor changes only)	100%	Awaiting confirmation of scope of updates
Run model for selected AEP event at each location under 5 different pump rates	0%	After model updates
Post processing hydraulic model results including flood depth/extent maps for each modelled scenario	0%	
Interrogation and analysis of flood results	0%	
Report (Flood Model Findings and Options & Recommendations)	0%	
Wagga Wagga Council - Review	0%	
Milestone 2 - Installation constraints analysis		
Review of background information provided by client - 4 PS sites	100%	Complete
Concept design kick-off meeting with client (MS Teams)	0%	To be completed after flood study
Site visit - 4 PS sites and flood gates	200%	Complete
Review and reporting on installation constraints:	90%	Draft segments for CDRs complete
Site 1 constraints	90%	CDR segment complete, to be reviewed before issuing CDR
Site 2 constraints	90%	CDR segment complete, to be reviewed before issuing CDR
Site 3 constraints	90%	CDR segment complete, to be reviewed before issuing CDR
Site 4 constraints	90%	CDR segment complete, to be reviewed before issuing CDR
PROVISIONAL - Site survey and service proving at each site	0%	Not required to date, WWCC have provided survey info as required
Wagga Wagga Council - Review	0%	
Milestone 3 - Concept design		
Liaison with client to discuss target PS flow rates, and other details (All Sites)	0%	Upcoming
Development and DRAFT Issue of basis of design memo - covering all sites	50%	Format complete, known info added, awaiting outputs from flood study
FINAL issue of BoD memo - covering all sites	0%	
Site 1 Concept Design:		
System curve and pump selection	0%	To be completed once duty rates confirmed from flood study and discussion with WWCC
Power supply assessment and electrical concept design inputs	0%	Upcoming
Development of DRAFT Concept Design Issue for client review - Drawing Set	0%	Upcoming
Deliverable: DRAFT Concept Design Report for client comment	30%	Constraints section done
Draft Issue Review meeting with client	0%	To be completed once draft CDR issued
Wagga Wagga Council - Review	0%	
Finalisation of Concept Design	0%	
Site 2 Concept Design:		
System curve and pump selection	0%	To be completed once duty rates confirmed from flood study and discussion with WWCC
Power supply assessment and electrical concept design inputs	0%	Upcoming
Development of DRAFT Concept Design Issue for client review - Drawing Setx1 Coversheetx1 Civil planx1 Mech drawing	0%	Upcoming
Deliverable: DRAFT Concept Design Report for client comment	30%	Constraints section done
Draft Issue Review meeting with client	0%	To be completed once draft CDR issued
Wagga Wagga Council - Review	0%	
Finalisation of Concept Design	0%	
Site 3 Concept Design:		
System curve and pump selection	0%	To be completed once duty rates confirmed from flood study and discussion with WWCC
Power supply assessment and electrical concept design inputs	0%	Upcoming
Development of DRAFT Concept Design Issue for client review - Drawing Setx1 Coversheetx1 Civil planx1 Mech drawing	0%	Upcoming
Deliverable: DRAFT Concept Design Report for client comment	30%	Constraints section done
Draft Issue Review meeting with client	0%	To be completed once draft CDR issued
Wagga Wagga Council - Review	0%	
Finalisation of Concept Design	0%	
Site 4 Concept Design:		
System curve and pump selection	0%	To be completed once duty rates confirmed from flood study and discussion with WWCC
Power supply assessment and electrical concept design inputs	0%	Upcoming
Development of DRAFT Concept Design Issue for client review - Drawing Setx1 Coversheetx1 Civil planx1 Mech drawing	0%	Upcoming
Deliverable: DRAFT Concept Design Report for client comment	30%	Constraints section done
Draft Issue Review meeting with client	0%	To be completed once draft CDR issued
Wagga Wagga Council - Review	0%	
Finalisation of Concept Design	0%	
Milestone 4 - Gate 15A structure analysis, volume and head calculations		
Review available information and drawings of Gate 15A	100%	Info review complete
Hydraulic calculations for functioning of gate	90%	Hydraulic calcs under internal review
Review existing pump and system curves under critical river 'very high' flood level scenarios	100%	System curves and pump curve review included in assessment
Review meeting with client to discuss findings	0%	To be held after issuing draft report to client
DRAFT development of assessment report	90%	Draft report under internal review
Wagga Wagga Council - Review	0%	
FINAL issue of assessment report	0%	
2 Levee Gate 15A Remediation		
Gate 15A Assessment of Conditions		
Project Management	30%	Ongoing
Kick Off Meeting	100%	Completed during site visit
Desktop review of existing information	90%	Some further info on existing services expected from client
Site visit - Combine this with other levee site inspections as part of initial scope	100%	Completed

Ongoing liaison with client during design development	75%	Ongoing
Gate 15A Development of Design		
Design development	90%	Internal reviews underway
Develop Safety in Design Risk Register	90%	Under internal review, will be issued with other deliverables, maintained as live doc
Develop DRAFT drawings	90%	Under internal review
Geotechnical/civil drawings	90%	Under internal review
Mechanical drawings	90%	Under internal review
DRAFT Design review meeting with the client	0%	To be held after issuing draft deliverables
Update drawings as FINAL following client review	0%	

Proposed Activities for next month (Nov 23)	Comment
1 Preliminary design submission of 15A emergency works design package & final issue following WWCC review	
2 Complete model review, finalise concept plans for each pump site.	
3	
4	
5	

Current Issues/Outstanding Decisions/Information Required	Action by	When
1		
2		
3		
4		

Early Warnings	Estimated Input	Comment
1 Pipe model updates	1 week additional time for Manoj	Project Change Notice/Variation to be submitted
2		
3		
4		
5		

Agreed Changes in Scope (Variations)	Amount	Comment
1 Pending - Pipe Model Updates		
2		
3		

Extensions of Time (Including Agreed and Flagged)	Status	Working Days	Proposed Revised Completion Dates
1			
2			
3			

Other Comments

FINANCIAL SUMMARY

Fee - Purchase Order No:- TBC			Client Payments (Excl GST)		
Agreed Upper Limiting Fee	WWCC - Levee Pump Augmentation Project	\$162,800	Invoiced to Date	WWCC - Levee Pump Augmentation Project	\$0.00
	Wagga Wagga Levee Gate 15A Remediation	\$41,200		Wagga Wagga Levee Gate 15A Remediation	\$0.00
Agreed variation	WWCC - Levee Pump Augmentation Project	\$0	Aged Debt > 30d	WWCC - Levee Pump Augmentation Project	\$0.00
	Wagga Wagga Levee Gate 15A Remediation	\$0		Wagga Wagga Levee Gate 15A Remediation	\$0.00
Outstanding Scope Changes	WWCC - Levee Pump Augmentation Project	\$0			
	Wagga Wagga Levee Gate 15A Remediation	\$0			
Estimated Final Fee	WWCC - Levee Pump Augmentation Project &	\$162,800	Estimated Invoice to 30/9/23	WWCC - Levee Pump Augmentation Project	\$15,000.00
	Wagga Wagga Levee Gate 15A Remediation	\$41,200	Estimated Invoice to 30/9/23	Wagga Wagga Levee Gate 15A Remediation	\$20,000.00