

Ref	Team	Risk Category	Brief descriptor	Hazards/Threads	Potential Consequence	Unmitigated			Current Risk reduction measurement	Current			Prepared risk reduction measurement	Action by	Action time (days)	Action status	Mitigated		
						L	C	Risk		L	C	Risk					L	C	Risk
1	A	Approvals	Change in regulations impacts outfall	Change in regulations impacts outfall for brine	Project is suspended for consideration of next steps.	4	5	24	SCOTV need to submit application for discharge permit + engineers report ASAP Unknown outcome at this time.	4	5	24	MWCI engagement with LLDA as the proponent to establish impacts of new regulations. SCOTV coordinates on permit Proposal is to submit discharge permit for review and approval before the new regulations are adopted by LLDA.	Michael Rubio	ASAP	Commenced	2	2	5
15	B	Detailed Design	Late completion of geotech	Late completion and approval of geotech report	Resulting in - late submissions of DED drawings resulting in delay construction works particularly on slope protection	5	4	22		3	3	12	Open Areas - Intake Channel Detailed Design, Intake Access Road Design, Pipelines and Outfall SCOTV to complete detailed designs and expedite construction of critical areas.	Abe Pacleb	Ongoing	Commenced	2	2	
26	C	Construction	Raw Water Pipeline Route	Raw Water Pipeline Route selected along original Barangay Road	Delays in construction due to limitations and constraints of the route include utility relocations, management of impacts to residents, temporary works, and so on.	5	4	22		4	4	21	Provision of detailed design and appropriate construction methodology and equipment. Construction planning and schedule. Adequate Resources	Mike Cunanan	ASAP	Commenced	3	3	12
9	A	Approvals	Transmission of wrong file	Transmission of wrong file (not updated file) or incorrect standards adopted in the design or incorrect calculation	Misinformation and rework	4	5	24	Currently not considered to be a major project risk.	3	3	12	Weekly report should be accomplished. GHD should ensure document control numbering in place to ensure accurate file and timely submission of report is achieved. Workshop between GHD and MWCI to present report (e.g. twice a month)	Sheila Tumang	Ongoing	Commenced	2	2	5
48	D	Delivery	Poor performance of sub-contractors	Poor performance of sub-contractors results in increased costs and/or delays - Structural Design	Resulting in - Increased cost and time, re-work and delays	5	4	22	Schedule Performance Risk Remains SCOTV to ensure inter-discipline review of the structural design SC+OTV resources engaging with Subs.	4	3	18	Schedule monitoring and control Subcontractor commitment Resource review and checking	Abe Pacleb	Ongoing	Commenced	3	3	12
55	D	Environment	Contaminants from construction site	Contaminants from construction site run-off resulting in environmental pollution and/or water quality issue. - Dredging - Raw Water PS/ Intake Works - Outfall works	Resulting in - Pollution clean up costs, delay, rectification works, compensation.	5	4	22	Sheet Pile Cofferdam for the RWIPS Wetwell We do NOT have solution for Intake Channel of Outfall construction yet. Required to settle the detailed design of Intake and Outfall to scope dredging contractor.	4	4	21	Identify appropriate means and methods to prevent discharge of sediments in the lake.	Mike Cunanan	ASAP	Not commenced	3	3	12
56	D	Environment	Dust and Noise	Environmental Impacts: - Dust - Noise	Resulting in - Community Impacts	5	4	22	Make sure we have a dust and noise control plan? Planning to install well for water supply for dust control.	4	4	21	Implement EMP & Dust Mitigation Plan Implement EMP & Noise Mitigation Plan Ongoing Environment Auditing	Mario Valentos	ASAP	Commenced	3	2	6
11	A	Approvals	Difficulty in internal quality check	Difficulty in internal quality check within SCOTV within limited time	Delay in submission of approved plans	4	4	21	SCOTV need to formalise the interdisciplinary review process for final designs.	4	4	21	Close coordination between SC & OTV to finalise plan	Esmael	ASAP	Commenced	3	2	6
12	A	Stakeholders	Complaints from stakeholders	Complaints from external stakeholders (e.g. fisherfolks, local residents, LGAs)	Media exposure	4	4	21	Ongoing engagement with affected communities	4	3	18	Coordination with MMT team Planning of stakeholder engagement, stakeholder mapping Good documentation of stakeholder engagement	Mario Valentos	Ongoing	Commenced	3	2	6
20	B	Detailed Design	Delaying Detailed Design	Delay in the detailed design of one discipline e.g. structural	Resulting in delays in other disciplines including testing and commissioning	4	4	21	Ongoing design coordination within SCOTV	4	4	21	Prioritise design submissions and approvals, conduct frequent workshops, coordination with other disciplines Monitoring of design progress to Code 1 Ongoing review of schedule impacts Effective interdisciplinary review	Abe Pacelb	Ongoing	Commenced	3	2	6