Project: Amalgamated Water 2024-2025	Monitoring requirements:	Quarterly during discharge	ALS Sample ID	ME2500854-003	
RESULTS OF ANALYSIS - ALS Global Environmental Division Mudgee			Date	12-Jun-25	100 percentile concentration limit
Parameter	Method	Unit	LOR - Limit of Reporting		
EA005: pH					
pH Value	EA005	pH Unit	0.01	8.2	6.5-8.5
EA010: Conductivity					
Electrical Conductivity @ 25°C	EA010	µS/cm	1	935	
EA025: Total Suspended Solids dried at 104 ± 2°C					
Suspended Solids (SS)	EA025	mg/L	1	572	50
EA065: Total Hardness as CaCO3					
Total Hardness as CaCO3	ED093F	mg/L	1	315	
ED037P: Alkalinity by PC Titrator					
Bicarbonate Alkalinity as CaCO3	ED037-P	mg/L	1	232	
Carbonate Alkalinity as CaCO3	ED037-P	mg/L	1	<1	
Hydroxide Alkalinity as CaCO3	ED037-P	mg/L	1	<1	
Total Alkalinity as CaCO3	ED037-P	mg/L	1	232	
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA					

Sulfate as SO4 - Turbidimetric	ED041G	mg/L	1	130	
ED045G: Chloride by Discrete Analyser					
Chloride	ED045G	mg/L	1	92	
ED093F: Dissolved Major Cations					
Calcium	ED093F	mg/L	1	62	
Magnesium	ED093F	mg/L	1	39	
Potassium	ED093F	mg/L	1	6	
Sodium	ED093F	mg/L	1	58	
EG020T: Total Metals by ICP-MS					
Arsenic	EG020A-T	mg/L	0.001	0.009	
Cadmium	EG020A-T	mg/L	0.0001	<0.0001	
Chromium	EG020A-T	mg/L	0.001	0.007	
Copper	EG020A-T	mg/L	0.001	0.011	
Iron	EG020A-T	mg/L	0.05	11	
Lead	EG020A-T	mg/L	0.001	0.026	
Nickel	EG020A-T	mg/L	0.001	0.013	
Zinc	EG020A-T	mg/L	0.005	0.068	
EG035T: Total Recoverable Mercury by FIMS					
Mercury	EG035T	mg/L	0.0001	0.0001	
EN055: Ionic Balance					
Ionic Balance	EN055 - PG	%	0.01	5.06	
Total Anions	EN055 - PG	meq/L	0.01	9.94	
Total Cations	EN055 - PG	meq/L	0.01	8.98	
EP020: Oil and Grease (O&G)					
Oil & Grease	EP020	mg/L	5	<5	<5