
EPL7 - Bore No 1
EPL8 - Bore No 3
EPL12 - Dust Monitoring
EPL9 - Bore No 6
EPL11 - Dust Monitoring
CMPL1 - Sediment Pond
Storage Location
EPL10 - Bore No 8
EPL4 - Goodwin Dam
EPL5 - Challenger Dam
EPL6 - Receival Point
EPL3 - Goodwin Dam Spillway
EPL15 - Dust Monitoring
EPL14 - Dust Monitoring
EPL13 - Dust Monitoring
Google Earth

Discharges from Goodwin Dam

Discharging from spillway			SE233270.001	SE233271.001	SE235316.001	SE235632.001	SE235888.01	SE236228.001	SE236964.001	SE236965.001	SE237966.001	SE238370.001	SE238516.001	SE238830.001	SE239425.001	SE239493	SE239895.001			
Analyte Name	**Units**	EPL LIMIT																**Lowest Value**	**Average Value**	**Highest Value**
Total Aluminium	mg/L	5	**0.600**	**0.390**	**1.800**	**0.890**	**1.000**	**0.290**	**0.410**	**0.410**	**0.270**	**0.130**	**0.190**	**0.360**	**0.160**	**0.110**	**0.110**	0.11	0.47	1.80
Total Arsenic	mg/L	0.5	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Biochemical Oxygen Demand (BOD5)	mg/L	30	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Total Cadmium	mg/L	0.01	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chemical Oxygen Demand	mg/L		**25**	**25**	**37**	**25**	**25**	**22**	**26**	**27**	**25**	**17**	**20**	**23**	**29**	**21**	**25**	17	25	37
Total Chromium	mg/L	1	<0.001	<0.001	0.003	0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L	1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Conductivity @ 25 C	µS/cm	800	**350**	**350**	**97**	**230**	**230**	**270**	**250**	**240**	**230**	**240**	**240**	**220**	**220**	**250**	**260**	97	245	350
Total Copper	mg/L	0.4	**0.003**	**0.002**	**0.003**	**0.002**	**0.003**	**0.002**	**0.002**	**0.003**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.001**	0.001	0.002	0.003
Total Cyanide	mg/L		<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Fluoride	mg/L	2	**0.20**	**0.23**	**<0.1**	**0.21**	**0.15**	**0.20**	**0.19**	**0.20**	**0.16**	**0.17**	**0.14**	**0.10**	**0.19**	**0.35**	**0.33**	0.10	0.20	0.35
Total Lead	mg/L	0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Manganese	mg/L		**0.019**	**0.014**	**0.011**	**0.014**	**0.015**	**0.008**	**0.011**	**0.014**	**0.009**	**0.008**	**0.023**	**0.016**	**0.015**	**0.015**	**0.022**	0.008	0.014	0.023
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
factants as MBAS (Calc. as LAS MW 288)	mg/L		**<0.1**	**<0.1**	**<0.1**	**<0.1**	**0.3**	**0.3**	**0.3**	**<0.1**	**<0.1**	**0.1**	**0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	<0.1	0.1	0.3
Total Molybdenum	mg/L	0.15	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001
Total Nickel	mg/L	1	0.001	<0.001	0.002	0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	<0.001	<0.001	0.001	0.002
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
pH**	pH	6-8.5	**7.8**	**7.4**	**6.7**	**7.0**	**6.6**	**7.0**	**7.0**	**7.2**	**7.2**	**7.0**	**7.6**	**7.5**	**7.4**	**7.6**	**7.5**	6.6	7.2	7.8
Total Selenium	mg/L	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate, SO4	mg/L		**93**	**100**	**12**	**79**	**59**	**77**	**78**	**71**	**67**	**59**	**53**	**42**	**42**	**45**	**45**	12	61	100
al Suspended Solids Dried at 103-105°C	mg/L	50	**7**	**<5**	**7**	**54**	**<5**	**<5**	**<5**	**5**	**<5**	**<5**	**<5**	**<5**	**<5**	**<5**	**<5**	<5	18	54
Total Zinc	mg/L	20	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005	<0.005

Water Sampling – Goodwin Dam (Site #4)

EPL4 GOODWIN DAM						Number of required samples = 4		
						Number of samples collected and analysed = 4		
Sample Date		27/4/2022	26/7/2022	14/10/2023	23/2/2023			
Analyte Name	**Units**	SE231473.001	SE234882.001	SE237967.001	SE243714.001	**Lowest Value**	**erage Value**	**ighest Value**
Total Aluminium	mg/L	**0.011**	**0.005**	**0.210**	**<0.005**	0.005	0.075	0.210
Total Arsenic	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Biochemical Oxygen Demand (BOD5	mg/L	<5	<5	<5	<5	<5	<5	<5
Total Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chemical Oxygen Demand	mg/L	**31**	**17**	**22**	**33**	17	26	33
Total Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Conductivity @ 25 C	µS/cm	**740**	**620**	**250**	**680**	250	573	740
Total Copper	mg/L	**<0.001**	**0.001**	**0.002**	**<0.001**	<0.001	0.001	0.002
Total Cyanide	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Fluoride	mg/L	**0.57**	**0.46**	**0.25**	**0.70**	0.25	0.50	0.70
Total Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total Manganese	mg/L	**0.009**	**0.002**	**0.008**	**0.007**	0.002	0.007	0.009
Total Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anionic Surfactants as MBAS (Calc.	mg/L	**0.2**	**0.1**	**<0.1**	**0.1**	<0.1	0.1	0.2
Total Molybdenum	mg/L	<0.001	0.001	<0.001	<0.001	<0.001	0.001	0.001
Total Nickel	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Oil and Grease	mg/L	<5	<5	<5	<5	<5	<5	<5
pH**	pH	**7.0**	**7.4**	**7.3**	**7.1**	7.0	7.2	7.4
Total Selenium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate, SO4	mg/L	**350**	**260**	**67**	**230**	67	227	350
Total Suspended Solids Dried at 103	mg/L	<5	<5	5	<5	<5	<5	5
Total Zinc	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Water Sampling – Challenger Dam (Site #5)

EPL5 Challenger Dam							Number of required samples = 4		
							Number of samples collected and analysed = 4		
Sample Date		27/4/2022	26/7/2022	14/10/2023	23/2/2023				
Analyte Name	**Units**	SE231473.002	SE234882.002	SE237967.002	SE243714.001		**Lowest Value**	**Average Value**	**Highest value**
Total Aluminium	mg/L	**0.150**	**0.074**	**0.500**	**0.110**		0.074	0.209	0.500
Total Arsenic	mg/L	0.002	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Biochemical Oxygen Demand (	mg/L	<5	<5	<5	<5		<5	<5	<5
Total Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
Chemical Oxygen Demand	mg/L	**13**	**14**	**16**	**31**		13	19	31
Total Chromium	mg/L	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Total Cobalt	mg/L	0.002	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Conductivity @ 25 C	µS/cm	**570**	**360**	**490**	**350**		350	443	570
Total Copper	mg/L	**<0.001**	**0.002**	**0.002**	**0.001**		<0.001	0.001	0.002
Total Cyanide	mg/L	<0.004	<0.004	<0.004	<0.004		<0.004	<0.004	<0.004
Fluoride	mg/L	**0.33**	**0.19**	**0.57**	**0.38**		0.19	0.37	0.57
Total Lead	mg/L	<0.001	<0.001	0.002	<0.001		<0.001	<0.001	0.002
Total Manganese	mg/L	**0.810**	**0.005**	**0.005**	**0.008**		0.005	0.207	0.810
Total Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001
Anionic Surfactants as MBAS	mg/L	**<0.1**	**0.3**	**0.2**	**<0.1**		<0.1	0.1	0.3
Total Molybdenum	mg/L	0.002	<0.001	0.002	0.001		<0.001	<0.001	<0.001
Total Nickel	mg/L	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Oil and Grease	mg/L	<5	<5	<5	<5		<5	<5	<5
pH**	No unit	**6.9**	**7.4**	**7.5**	**7.6**		6.9	7.4	7.6
Total Selenium	mg/L	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
Sulfate, SO4	mg/L	**130**	**110**	**160**	**52**		52	113	160
Total Suspended Solids Dried a	mg/L	<5	<5	7	16		<5	12	16
Total Zinc	mg/L	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005

Water Sampling – Caledonia Creek (Site #6)

EPL6 Caledonia Creek									
						Number of required samples = 4			
						Number of samples collected and analysed = 4			
Sample Date		27/4/2022	26/7/2022	14/10/2023	23/2/2023				
Analyte Name	**Units**	SE231473.003	SE234882.003	SE237967.003	SE243714.003	**Lowest Value**	**erage Value**	**ighest Value**	
Total Aluminium	mg/L	**0.094**	**0.140**	**0.300**	**0.008**	0.008	0.136	0.300	
Total Arsenic	mg/L	<0.001	<0.001	0.001	0.001	<0.001	<0.001	0.001	
Biochemical Oxygen Demand (BC	mg/L	<5	<5	<5	<5	<5	<5	<5	
Total Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Chemical Oxygen Demand	mg/L	**27**	**43**	**42**	**23**	23	34	43	
Total Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Total Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Conductivity @ 25 C	µS/cm	**390**	**420**	**200**	**450**	200	365	450	
Total Copper	mg/L	**<0.001**	**0.002**	**0.002**	**<0.001**	<0.001	0.001	0.002	
Total Cyanide	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	
Fluoride	mg/L	**0.36**	**0.32**	**0.24**	**0.36**	0.24	0.32	0.36	
Total Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Total Manganese	mg/L	**0.032**	**0.007**	**0.013**	**0.001**	0.001	0.013	0.032	
Total Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
Anionic Surfactants as MBAS (Ca	mg/L	<0.1	**0.4**	**<0.1**	**<0.1**	<0.1	0.1	0.4	
Total Molybdenum	mg/L	0.002	0.002	0.001	0.001	0.001	0.002	0.002	
Total Nickel	mg/L	<0.001	0.001	0.001	<0.001	<0.001	0.001	0.001	
Oil and Grease	mg/L	<5	<5	<5	<5	<5	<5	<5	
pH**	No unit	**7.5**	**7.4**	**7.4**	**6.9**	6.9	7.3	7.5	
Total Selenium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
Sulfate, SO4	mg/L	**81**	**28**	**15**	**9**	9	33	81	
Total Suspended Solids Dried at	mg/L	<5	<5	7	10	<5	7	10	
Total Zinc	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	

Groundwater Bore #7

EPL7 Bore Hole							Number of required samples = 4						12th July 2021	Hole	Height
							Number of samples attempted = 4							7	200mm
Sample Date		Dry	Dry	Dry	Dry									8	1060mm
Analyte Name	**Units**	27/04/2022	26/07/2022	14/10/2022	2/02/2023		**Lowest Value**	**Average Value**	**Highest Value**					9	480mm
Bicarbonate	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				10	1020mm
Calcium	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-			21st July 2021	7	610mm
Chloride	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				8	990mm
Copper	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				9	580mm
Cyanide (total)	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				10	1030mm
Magnesium	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-			4th August 2021	7	560mm
Methyl Blue Active Substances	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				8	1110mm
pH	pH Units	NA	NA	NA	NA		-	#DIV/0!	-	-				9	630mm
Potassium	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				10	1350mm
Sodium	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-			1st September 2021t	7	50mm
Standing Water Level	metre	NA	NA	NA	NA		-	#DIV/0!	-	-				8	1000mm
Sulfate	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				9	380mm
Total dissolved Solids	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-				10	1000mm
Total petroleum hydrocarbons	mg/L	NA	NA	NA	NA		-	#DIV/0!	-	-			########	7	0mm
														8	1100mm
														9	340mm
Water bore EPL7 purged and refurbished on 12th June 2021														10	980mm
Collar pipe height above GL	mm	860											20-Oct-21	7	0mm
Collar pipe height above bore base	mm	1600												8	730mm
GL to bore base	mm	740												9	960mm
Measurement	mm	0	0	0	0									10	980mm
Standing WL	mm	NA	NA	NA	NA								29th November 2021	7	0mm
														8	680mm
7/ 1600 inner X 860 out														9	720mm
8/ 2020 inner x 1250 out														10	940mm
9/ 1070 inner x 880 out													20th December 2021	7	0mm
10/ 2000 inner x 1180 out														8	280mm
														9	730mm
														10	870mm
													19th January 2022	7	0mm
														8	010mm
														9	0mm
														10	740mm

Groundwater Bore #8

EPL8 Bore Hole							Number of required samples = 4					12th July 2021	Hole	Height
							Number of samples attempted = 4						7	200mm
Sample Date		Damp	SE234883.001	SE237968.001	Dry								8	1060mm
Analyte Name	**Units**	27/04/2022	26/07/2022	14/10/2022	2/02/2023		**Lowest Value**	**Average Value**	**Highest Value**				9	480mm
Bicarbonate	mg/L	NA	40	100	NA		40	70	100	2			10	1020mm
Calcium	mg/L	NA	19	16	NA		16	18	19	2		2st July 2021	7	610mm
Chloride	mg/L	NA	3.9	12	NA		4	8	12	2			8	990mm
Copper	mg/L	NA	0.006	0.003	NA		0.003	0.005	0.006	2			9	580mm
Cyanide (total)	mg/L	NA	<0.004	<0.004	NA		<0.004	<0.004	<0.004	7			10	1030mm
Magnesium	mg/L	NA	16	20	NA		16	18	20	2		4th August 2021	7	560mm
Methyl Blue Active Substances	mg/L	NA	0.2	<0.1	NA		<0.1	<0.1	<0.1	7			8	1110mm
pH	pH	NA	5.9	6.7	NA		5.9	6.3	6.7	2			9	630mm
Potassium	mg/L	NA	1.0	0.4	NA		0.4	0.7	1.0	2			10	1350mm
Sodium	mg/L	NA	17	31	NA		17	24	31	2		1st September 2021t	7	50mm
Standing Water Level	metre	NA	0	270	NA		-	135	270	2			8	1000mm
Sulfate	mg/L	NA	110	48	NA		48	79	110	2			9	380mm
Total dissolved Solids	mg/L	NA	220	200	NA		200	210	220	2			10	1000mm
Total petroleum hydrocarbons	mg/L	NA	<1	<1	NA		<1	<1	<1	6		########	7	0mm
													8	1100mm
		NA	970	800	NA								9	340mm
Water bore EPL8 purged and refurbished on 12th June 2021													10	980mm
Collar pipe height above GL	mm	1250										20-Oct-21	7	0mm
Collar pipe height above bore base	mm	2020											8	730mm
GL to bore base	mm	770											9	960mm
Measurement	mm	0	970	500	0								10	980mm
Standing WL	mm	770	0	270	770							29th November 2021	7	0mm
													8	680mm
7/ 1600 inner X 860 out													9	720mm
8/ 2020 inner x 1250 out													10	940mm
9/ 1070 inner x 880 out												20th December 2021	7	0mm
10/ 2000 inner x 1180 out													8	280mm
													9	730mm
													10	870mm
												19th January 2022	7	0mm
													8	010mm
													9	0mm
													10	740mm

Groundwater – Bore # 9

EPL9 Bore Hole							Number of required samples = 4								
							Number of samples attempted = 4					12th July 2021		Hole	Height
Sample Date		Damp	Damp	SE 237969.002	Dry									7	200mm
Analyte Name	**Units**	27/04/2022	26/07/2022	14/10/2022	2/02/2023		**Lowest Value**	**Average Value**	**Highest Value**					8	1060mm
Bicarbonate	mg/L	NA	NA	100	NA		100	100	100	1				9	480mm
Calcium	mg/L	NA	NA	21	NA		21	21	21	1				10	1020mm
Chloride	mg/L	NA	NA	<1	NA		<1	<1	<1	-		2st July 2021		7	610mm
Copper	mg/L	NA	NA	0.013	NA		0.013	0.013	0.013	1				8	990mm
Cyanide (total)	mg/L	NA	NA	<0.004	NA		<0.004	<0.004	<0.004	-				9	580mm
Magnesium	mg/L	NA	NA	15	NA		15	15	15	1				10	1030mm
Methyl Blue Active Substances	mg/L	NA	NA	0.4	NA		0.4	0.4	0.4	1		4th August 2021		7	560mm
pH	pH	NA	NA	6.3	NA		6.3	6.3	6.3	1				8	1110mm
Potassium	mg/L	NA	NA	6.4	NA		6.4	6.4	6.4	1				9	630mm
Sodium	mg/L	NA	NA	10	NA		10	10	10	1				10	1350mm
Standing Water Level	metre	NA	NA	0.9	NA		0.90	0.90	0.90	1		1st September 2021t		7	50mm
Sulfate	mg/L	NA	NA	32	NA		32	32	32	1				8	1000mm
Total dissolved Solids	mg/L	NA	NA	230	NA		230	230	230	1				9	380mm
Total petroleum hydrocarbons	mg/L	NA	NA	<1	NA		<1	<1	<1	-				10	1000mm
												########		7	0mm
		NA	NA		NA									8	1100mm
Water bore EPL9 purged and refurbished on 12th June 2021														9	340mm
Collar pipe height above GL	mm	480												10	980mm
Collar pipe height above bore base	mm	1070										20-Oct-21		7	0mm
GL to bore base	mm	590												8	730mm
Measurement	mm	0	0	500	0									9	960mm
Standing WL	mm	590	590	90	590									10	980mm
												29th November 2021		7	0mm
7/ 1600 inner X 860 out														8	680mm
8/ 2020 inner x 1250 out														9	720mm
9/ 1070 inner x 480 out														10	940mm
10/ 2000 inner x 1180 out												20th December 2021		7	0mm
														8	280mm
														9	730mm
														10	870mm
												19th January 2022		7	0mm
														8	010mm
														9	0mm
														10	740mm

Groundwater – Bore # 10

EPL10 Bore Hole						Number of required samples = 4				12th July 2021	Hole	Height
						Number of samples attempted = 4					7	200mm
Sample Date		insf water	SE234883.002	SE237968.003	SE242787.001						8	1060mm
Analyte Name	Units	27/04/2022	26/07/2022	14/10/2022	2/02/2023	Lowest Value	Average Value	Highest Value			9	480mm
Bicarbonate	mg/L	NA	55	67	83	55	68	83	3		10	1020mm
Calcium	mg/L	NA	25	18	44	18	29	44	3	2st July 2021	7	610mm
Chloride	mg/L	NA	3.5	2.2	5.4	2.2	3.7	5.4	3		8	990mm
Copper	mg/L	NA	0.02	0.02	0.031	0.020	0.024	0.031	3		9	580mm
Cyanide (total)	mg/L	NA	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0		10	1030mm
Magnesium	mg/L	NA	16	11	26	11	18	26	3	4th August 2021	7	560mm
Methyl Blue Active Substances	mg/L	NA	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0		8	1110mm
pH	pH	NA	6.2	6.4	6.4	6.2	6.3	6.4	3		9	630mm
Potassium	mg/L	NA	3.4	3.1	2.8	2.8	3.1	3.4	3		10	1350mm
Sodium	mg/L	NA	16	14	19	14	16	19	3	1st September 2021t	7	50mm
Standing Water Level	metre	NA	0	0	0.1	0	0	0.1	3		8	1000mm
Sulfate	mg/L	NA	85	46	140	46	90	140	3		9	380mm
Total dissolved Solids	mg/L	NA	200	140	340	140	227	340	3		10	1000mm
Total petroleum hydrocarbons	mg/L	NA	2	<1	<1	<1	1	2	1	########	7	0mm
											8	1100mm
		150	890	945							9	340mm
Water bore EPL10 purged and refurbished on 12th June 2021											10	980mm
Collar pipe height above GL	mm	1180								20-Oct-21	7	0mm
Collar pipe height above bore base	mm	3180									8	730mm
GL to bore base	mm	820									9	960mm
Measurement	mm	0	890	945	750						10	980mm
Standing WL	mm	820	0	0	70					29th November 2021	7	0mm
											8	680mm
7/ 1600 inner X 860 out											9	720mm
8/ 2020 inner x 1250 out											10	940mm
9/ 1070 inner x 880 out										20th December 2021	7	0mm
10/ 2000 inner x 1180 out											8	280mm
											9	730mm
											10	870mm
										19th January 2022	7	0mm
											8	010mm
											9	0mm
											10	740mm

DUST SAMPLES (Sites#11, #12, #13, #14 and #15)

DUST SAMPLING		SE231480	SE232358	SE233272	SE235782	SE235885	SE238023	SE238775	SE240154	SE241399	SE242988	SE243993	SE245487	Lowest Value	Average Value	Highest Value	# of samples required	# of samples collected
	Date	22/4/2021	18/5/2022	15/6/2022	26/7/2022	22/8/2022	22/9/2022	14/10/2022	30/11/2022	2/1/2023	2/2/2023	1/3/2023	28/4/2023					
EPL11	g/m²/30 days	**1.6**	**0.4**	**0.2**	**0.1**	**0.2**	**1.0**	**1.6**	**1.1**	**1.0**	**0.4**	**1.3**	**0.7**	0.1	0.8	1.6	12	12
EPL12	g/m²/30 days	**1.2**	**1.7**	**4.4**	**2.3**	**0.6**	**33.0**	**14.0**	**5.1**	**13.0**	**6.2**	**7.1**	**74.0**	0.6	13.6	74.0	12	12
EPL13	g/m²/30 days	**0.1**	**0.2**	**0.2**	**0.2**	**0.4**	**22.0**	**14.0**	**7.6**	**0.9**	**2.6**	**0.4**	**4.1**	0.1	4.4	22.0	12	12
EPL14	g/m²/30 days	**0.2**	**0.1**	**0.7**	**1.2**	**0.2**	**6.6**	**28.0**	**3.8**	**5.5**	**4.7**	**4.9**	**2.3**	0.1	4.9	28.0	12	12
EPL15	g/m²/30 days	**0.2**	**0.1**	**0.2**	**0.2**	**0.3**	**NA**	**0.8**	**0.6**	**5.0**	**NA**	**2.7**	**1.2**	0.1	1.1	5.0	12	11
																Total	**60**	**59**
		30.0	**30.0**	**30.0**	**30.0**	**30.0**	**30.0**	**14.0**	**30.0**	**30.0**	**30.0**	**30.0**	**30.0**					

NB Sample SE242988.005 of 02/02/2023 was broken in transit therefore not tested

NB Sample SE238775 and SE238775 both have the sample date of 14/10/2022. Given the sample interval have assumed 22/09/2022 for SE238032

NB Sample SE238023.005 of 22/09/2022 fate unknown