

The Bays- T-WTP Sampling and Discharge- JUNE

Sample Date	Date Results Received	Site / WTP	Source Water	Lab ID	Discharge Location	Notes	pH		Turbidity			Oil and Grease	Hydrocarbons TRH (C6-C9)	Arsenic	Cobalt	Copper	Iron	Manganese	Nickel	Zinc	Ammonia	Nitrate + nitrite (oxidised nitrogen)	Nitrogen (total)	Perfluorooctane sulphonate (PFOS)	Phosphorus (total)				
							Lab	Probe	TSS (Lab)	NTU (Lab)	Probe	Visual	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	Lab	
							pH units	pH units	mg/L	NTU	NTU	Y/N	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
							6.5-8.5	6.5-8.5	50				100	90	1	1.3	300	1900	70	8	900	200	700	0.13	1000				
6/06/2022		TBY	Untreated	297309	N/A	Sampling of untreated water from mixing tank	10.8	10.8	310	250	>400	N	23	3	1	7	460	64	3	38	280	670	1600	0.03	90				
6/06/2022		TBY	Treated	297308	N/A	No discharge has occurred. Filtration media replaced, which is likely resulting in increased Phosphorus as a byproduct of the fresh media filtration treatment.	7.9	7.8	5	1.2	10	N	10	1	1	1	10	5	1	3	210	70	200	0.01	1400				
9/06/2022		TBY	Untreated	297608	N/A	Week 4 Sampling of untreated water from mixing tank	9.1	9.1	140	360	300	N	10	3	2	12	780	110	2	78	230	300	800	0.01	800				
9/06/2022		TBY / T-WTP 1	Treated	297607	TBY-01 (Point 3)	Week 4 Filtration media replaced. Discharge recommenced on 13/06/2022.	8	7.9	5	0.6	10	N	10	11	1	1	10	5	1	1	5	40	100	0.01	50				
Weekly sampling period complete. Commence fortnightly sampling.																													
17/06/2022		TBY	Untreated	298270	N/A	Fortnight 1 Sampling of untreated water from mixing tank	11.4	11.1	2200	NT	>400	N	10	1	1	2	30	5	1	1	98	100	600	0.01	500				
17/06/2022		TBY / T-WTP 1	Treated	298271	TBY-01 (Point 3)	Fortnight 1 Water discharge continued under EPL.	7.7	7.7	8	2.8	13	N	10	1	1	1	10	5	1	1	5	40	600	0.01	50				

PCY- Sampling and Discharge- JUNE

Discharge Month	Discharge Date	Site	Lab ID	Discharge Permit	Sample Date	pH		Turbidity/TSS			Oil and Grease	Estimated Discharge Volume	Estimated Discharge Volume	Actual Discharge Amount	Discharge Location	Comment
						Lab	Probe	TSS (Lab)	NTU (Lab)	Probe	Visual	(Permit)	(Permit)	(Site)		
						pH units	pH units	mg/L	NTU	NTU	Y/N	m3	L	L		
June	3/06/2022	PCY	N/A	152	N/A						N		4,000.00		On Site (Dust Supression)	
	30/06/2022	PCY	299108	11	28/06/2022	8.4	8.5	28	27	32	N	1500		1,500,000.00	EPL Discharge Point	