

The Bays- T-WTP Sampling and Discharge- SEPTEMBER

Sample Date	Date Results Received	Site / WTP	Source Water	Lab ID	Discharge Location	Notes	EPL Criteria	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	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	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					
5/09/2022	9/09/2022	TBY	Untreated	304830	N/A	Fortnight 7 Sampling of untreated water from mixing tank.		11.2	11.2	3600	NT	>400	N	10	2	1	9	80	5	1	1	1200	1300	4100	0.02	1400					
5/09/2022	7/09/2022	TBY / T-WTP 1	Treated	304829	TBY-01 (Point 3)	Fortnight 7 Water discharge continued under EPL.		7.6	7.6	26	17	20	N	10	1	1	1	80	5	1	4	270	100	400	0.01	50					
9/09/2022	12/09/2022	TBY	Untreated	305309	N/A	Fortnight 7 Sampling for commissioning of T-WTP 2.		8.1	8.2	600	590	>400	N	10	3	1	2	10	15	1	1	3000	690	6200	0.02	400					
9/09/2022	12/09/2022	TBY / T-WTP 2	Treated	305311	TBY-01 (Point 3)	Fortnight 7 Sampling for commissioning of 2nd WTP. No discharge occurred from T-WTP 2.		6.6	7.4	10	1	<10	N	10	1	1	1	10	5	1	1	44	30	100	0.01	50					

PCY- Sampling and Discharge- SEPTEMBER

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		
September	27/09/2022	PCY	N/A	153	27/09/2022		7.25			2.3	N	1500		1,500,000.00	EPL Discharge Point	HCl was added to reduce the pH. 200l of HCl was used.