

# Environment Monitoring Report

POEO Act (1997) monitoring data

Clyde Terminal: Durham Street, Camellia NSW

Environment Protection Licence (EPL) Number 570, held by Viva Energy Australia Pty Ltd

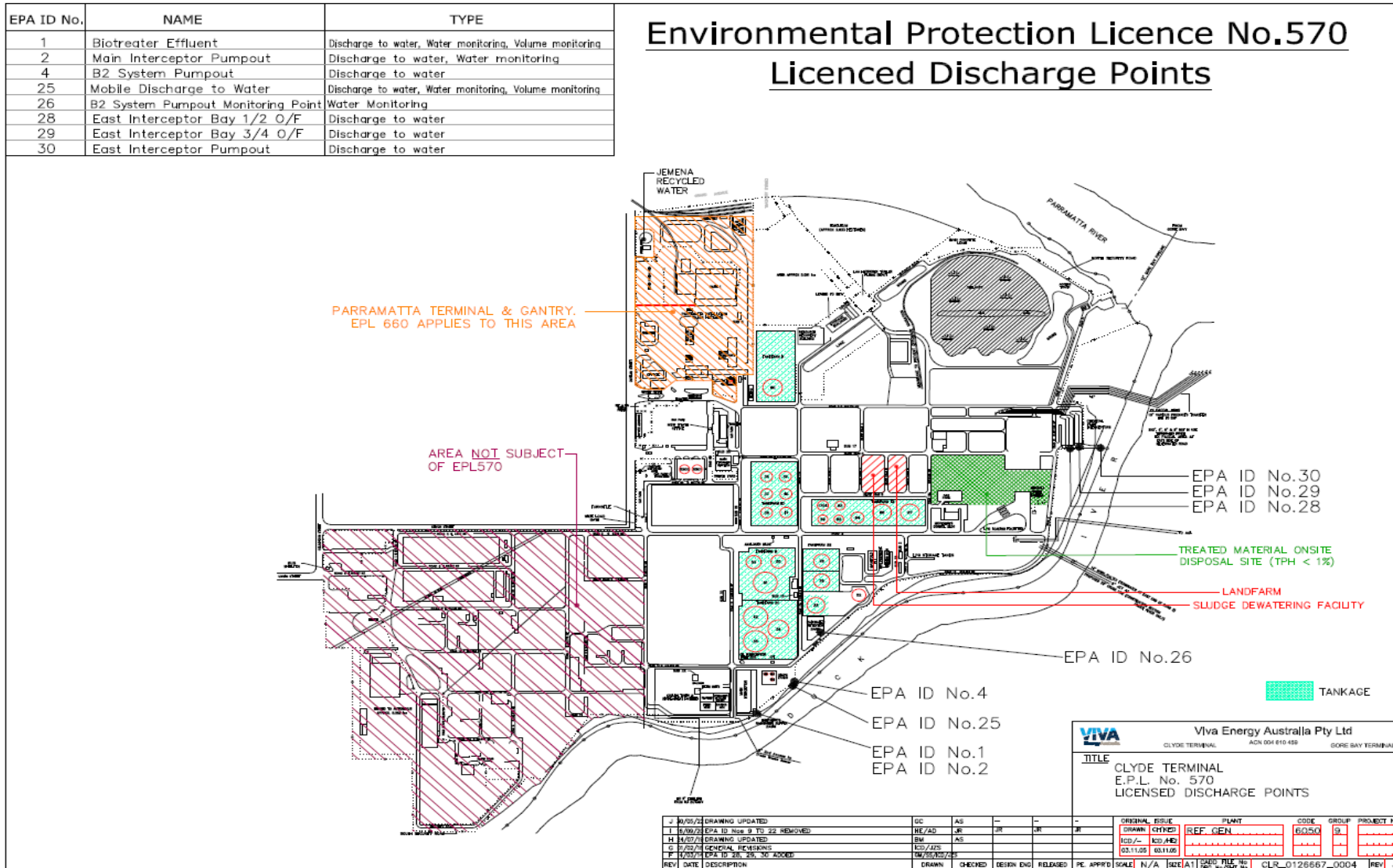
Record updated on: 23 April 2024

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Clyde Terminal has Eight (8) licensed water discharge points as specified in the EPL 570 and depicted in figure 1. The water quality monitoring requirements are specified in EPL 570, including licence limits for water quality parameters and volume. The monitoring data is provided for Point 1, Point 2, Point 4, Point 25, Point 26, Point 28, Point 29 and Point 30. A log of corrections to data is also provided.

Figure 1



EPA ID No.1 – Biotreater discharge outlet																	
Pollutant	Biochemical Oxygen Demand (BOD)	Fluoride	Nitrogen (Ammonia)	Oil and Grease	pH	Phenols	Total Nitrogen	Total Petroleum Hydrocarbons				Total Phosphorus	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Date data obtained	Publishing Date
								C6-C9	C10-C14	C15-C28	C29-C36						
Licence Limit	45/95 (50%/90%)	25/40 (50%/90%)	6/30 (50%/90%)	8/10 (50%/90%)	6 to 9	0.5	35/100 (50%/90%)	n/a				1.5/6 (50%/90%)	30/60 (50%/90%)	4000	4000		
Units of Measure	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L				mg/L	mg/L	kL	kL		
Freq. as per EPL	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly				Monthly	Monthly	Daily	Monthly		
02/01/2020	<5	1.7	0.07	<5	7	<0.05	7	<0.2	<0.05	<0.2	<0.2	0.23	<5	1739	765	-	06/02/2020
02/02/2020	<5	0.36	0.1	<5	7.1	<0.05	0.89	<0.2	<0.05	<0.2	<0.2	0.13	<5	1942	1493	-	13/03/2020
05/03/2020	<5	0.85	0.02	<5	7.3	<0.05	0.6	<0.2	<0.05	<0.2	<0.2	0.12	<5	1561	1280	-	13/03/2020
02/04/2020	<5	0.24	0.01	<5	7.7	<0.05	2	<0.2	<0.05	<0.2	<0.2	0.11	<5	1550	1187	-	15/05/2020
07/05/2020	<5	1.8	0.3	<5	7.4	<0.05	6.9	<0.2	<0.05	<0.2	<0.2	0.19	<5	1624	1359	-	15/05/2020
04/06/2020	<5	0.32	0.07	<5	7.9	<0.05	6	<0.2	<0.05	<0.2	<0.2	0.11	<5	1507	1280	-	19/06/2020
02/07/2020	<5	0.47	0.08	<5	6.5	<0.05	13	<0.04	<0.05	<0.2	<0.2	0.11	<5	1670	1185	08/07/2020	17/07/2020
06/08/2020	<5	0.63	0.02	<5	7.6	<0.05	3.4	<0.2	<0.05	<0.2	<0.2	0.47	8	1538	1268	13/08/2020	18/08/2020
03/09/2020	<5	1	0.03	<5	6.4	<0.05	0.73	<0.2	<0.05	<0.2	<0.2	0.11	6	1555	1040	09/09/2020	11/09/2020
01/10/2020	6	0.9	0.12	<5	6.9	<0.05	12	<0.2	<0.05	<0.2	<0.2	0.67	<5	1643	986	09/10/2020	19/10/2020
05/11/2020	<5	0.79	0.06	<5	7.5	<0.05	2	<0.2	<0.05	<0.2	<0.2	0.67	<5	1686	1126	12/11/2020	16/11/2020
03/12/2020	<5	2.3	0.06	<5	7	<0.05	5.6	<0.2	<0.05	<0.2	<0.2	0.76	<5	1644	1273	10/11/2020	22/12/2020
07/01/2021	<5	0.92	0.17	<5	7.2	<0.05	3.7	<0.2	<0.05	<0.2	<0.2	0.24	5	1699	1193	21/01/2021	21/01/2021
04/02/2021	<5	1.1	0.05	<5	7.5	<0.05	2.9	<0.2	<0.05	<0.2	<0.2	0.20	<5	1855	1455	11/02/2021	15/02/2021
04/03/2021	<5	0.90	0.04	<5	7.2	<0.05	4.1	<0.04	<0.05	<0.2	<0.2	0.22	<5	1524	1172	11/03/2021	23/03/2021
01/04/2021	<5	0.63	<0.01	<5	7.1	<0.05	0.05	<0.04	<0.05	<0.2	<0.2	0.02	9	1274	422	12/04/2021	15/04/2021
06/05/2021	<5	1.1	0.03	<5	7.4	<0.05	0.77	<0.04	<0.05	<0.2	<0.2	0.02	<5	1192	653	13/05/2021	17/05/2021
02/06/2021	<5	0.89	0.26	<5	7.3	<0.05	1.2	<0.2	<0.05	<0.2	<0.2	0.55	<5	1155	536	10/06/2021	23/06/2021
01/07/2021	<5	0.97	0.42	<5	7.1	<0.05	1.8	<0.04	<0.05	<0.2	<0.2	0.40	6	1002	366	07/07/2021	16/07/2021
05/08/2021	<5	1.2	0.66	<5	7.4	<0.05	2.4	<0.04	<0.05	<0.2	<0.2	1.5	18	1309	441	12/08/2021	19/08/2021
02/09/2021	<5	0.66	0.02	<5	7.1	<0.05	1.2	<0.04	<0.05	<0.2	<0.2	0.59	14	1235	638	14/9/2021	28/9/2021
07/10/2021	<5	0.44	0.38	<5	7.0	<0.05	4.9	<0.04	<0.05	<0.2	<0.2	1.1	14	1441	718	20/10/2021	21/10/2021
04/11/2021	<5	1.1	0.03	<5	7.4	<0.05	5.4	<0.04	<0.05	<0.2	<0.2	0.88	9	1640	993	11/11/2021	24/11/2021
02/12/2021	<5	0.43	0.13	<5	7.0	<0.05	3.9	<0.04	<0.05	<0.2	<0.2	0.81	10	1582	1012	09/12/2021	13/12/2021
06/01/2022	<5	0.75	0.02	<5	7.4	<0.05	2.3	<0.2	<0.05	<0.2	<0.2	0.68	5	1745	1216	13/01/2022	18/01/2022
03/02/2022	<5	0.80	0.02	<5	7.3	<0.05	1.9	<0.05	<0.05	<0.2	<0.2	0.42	5	1910	1608	10/02/2022	16/02/2022
03/03/2022	<5	0.43	0.35	6	6.9	<0.05	1.7	<0.04	<0.05	<0.2	<0.2	0.39	14	2081	1771	10/03/2022	11/03/2022
07/04/2022	<5	0.68	0.02	<5	7.3	<0.05	0.76	<0.04	<0.05	<0.2	<0.2	0.31	8	2145	1553	19/04/2022	26/04/2022
05/05/2022	<5	0.84	0.11	<5	7.2	<0.05	1.6	<0.04	<0.05	<0.2	<0.2	0.20	<5	1968	1377	12/05/2022	31/05/2022
02/06/2022	<5	0.75	0.06	<5	7.4	<0.05	2.9	<0.04	<0.05	<0.2	<0.2	0.23	<5	1578	412	09/06/2022	20/06/2022
07/07/2022	<5	0.38	<0.01	<5	6.8	<0.05	0.35	<0.04	<0.05	<0.2	<0.2	0.08	<5	1036	980	14/07/2022	26/07/2022
04/08/2022	<5	0.57	0.10	<5	6.9	<0.05	0.53	<0.04	<0.05	<0.2	<0.2	0.18	<5	1072	666	11/08/2022	12/08/2022
01/09/2022	<5	0.72	0.02	<5	7.3	<0.05	1.3	<0.04	<0.05	<0.2	<0.2	0.33	12	1014	733	08/09/2022	16/08/2022
06/10/2022	<5	0.57	0.06	<5	7.1	<0.05	0.57	<0.04	0.058	0.45	<0.2	0.21	<5	959	896	13/10/2021	21/10/2022
03/11/2022	<5	0.77	0.05	<5	7.2	<0.05	0.57	<0.04	<0.05	0.27	<0.2	0.16	<5	993	775	10/11/2022	21/11/2022

EPA ID No.1 – Biotreater discharge outlet																	
Pollutant	Biochemical Oxygen Demand (BOD)	Fluoride	Nitrogen (Ammonia)	Oil and Grease	pH	Phenols	Total Nitrogen	Total Petroleum Hydrocarbons				Total Phosphorus	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Date data obtained	Publishing Date
								C6-C9	C10-C14	C15-C28	C29-C36						
Licence Limit	45/95 (50%/90%)	25/40 (50%/90%)	6/30 (50%/90%)	8/10 (50%/90%)	6 to 9	0.5	35/100 (50%/90%)	n/a				1.5/6 (50%/90%)	30/60 (50%/90%)	4000	4000		
Units of Measure	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L				mg/L	mg/L	kL	kL		
Freq. as per EPL	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly				Monthly	Monthly	Daily	Monthly		
13/12/2022	6	2.0	0.59	<5	7.6	<0.05	2.0	<0.04	0.51	0.34	<0.2	0.42	9	991	648	09/12/2022	22/12/2022
05/01/2023	<5	1.2	0.38	<5	7.3	<0.05	1.1	<0.04	<0.05	<0.2	<0.2	0.30	5	991	648	17/01/2023	24/01/2023
02/02/2023	<5	0.61	0.02	6	7.0	<0.05	0.95	<0.04	0.18	0.47	<0.2	0.18	11	1042	892	10/02/2023	24/02/2023
02/03/2023	<5	0.65	0.04	<5	7.1	<0.05	1.0	<0.04	0.47	0.53	<0.2	0.25	9	1041	775	09/03/2023	10/03/2023
04/04/2023	7	0.92	0.07	<5	7.0	<0.05	1.3	0.15	0.62	<0.2	<0.2	0.22	12	1021	885	13/04/2023	26/04/2023
04/05/2023	<5	0.66	<0.01	<5	7.5	<0.05	0.47	<4	0.43	0.78	<0.2	0.09	<5	934	706	11/05/2023	11/05/2023
01/06/2023	<5	0.81	0.05	<5	7.3	<0.05	0.61	<0.04	<0.05	<0.2	<0.2	0.08	<5	862	421	08/06/2023	19/06/2023
04/07/2023	<5	1.0	0.03	<5	7.6	<0.05	0.65	<0.04	0.19	0.75	<0.2	0.08	<5	855	530	11/07/2023	20/07/2023
01/08/2023	<5	0.36	0.04	<5	7.0	<0.05	1.2	<0.04	<0.05	<0.2	<0.2	0.08	<5	903	695	08/08/2023	22/08/2023
06/09/2023	<5	0.74	0.05	<5	7.2	<0.05	1.3	<0.04	0.10	0.25	<0.2	0.08	<5	927	622	15/09/2023	22/09/2023
03/10/2023	<5	0.23	<0.01	<5	7.0	<0.05	0.98	<0.04	0.14	0.58	<0.2	0.13	12	926	710	10/10/2023	24/10/2023
07/11/2023	10	0.71	<0.01	<5	7.1	<0.05	1.3	0.3	0.57	0.67	<0.2	0.16	18	1071	717	14/11/2023	20/11/2023
05/12/2023	<5	0.53	0.12	<5	6.8	<0.05	1.0	0.082	0.054	<0.2	<0.2	0.13	11	1085	907	12/12/2023	19/12/2023
02/01/2024	<5	0.60	0.09	<5	7.3	<0.05	0.84	<0.04	0.079	<0.2	<0.2	0.11	<5	892	836	11/01/2024	15/01/2024
06/02/2024	<5	0.75	0.08	<5	7.6	<0.05	0.78	<0.04	<0.05	<0.2	<0.2	0.13	<5	985	883	14/02/2024	21/02/2024
05/03/2024	<5	0.69	0.04	<5	7.5	<0.05	0.60	<0.04	<0.05	<0.2	<0.2	0.06	<5	-	-	19/03/2024	21/03/2024
02/04/2024	<5	1.1	0.04	<5	7.9	<0.05	0.67	<0.04	<0.05	<0.2	<0.2	0.07	<5	-	-	09/04/2024	23/04/2024

Note 1: (50%/90%) = 50% of the time samples have to meet the concentration limit over the reporting period (2 July– 1 July), 90% of the time the samples have to meet the concentration limit over the reporting period (2 July – 1 July)

EPA ID No.2 – Main Interceptor Pumpout								
Pollutant	pH	Phenols	Total Organic Carbon	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Date data obtained	Publishing Date
Licence Limit	6.0-9.0	0.5	100	50	5000	5000		
Units of Measure		mg/L	mg/L	mg/L	kL	kL		
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily	Monthly		
Jan 2020		No discharge			0	0	NA	06/02/2020
Feb 2020		No discharge			0	0	NA	13/03/2020
Mar 2020		No discharge			0	0	NA	15/05/2020
Apr 2020		No discharge			0	0	NA	15/05/2020
May 2020		No discharge			0	0	NA	17/07/2020
Jun 2020		No discharge			0	0	NA	17/07/2020
Jul 2020		No discharge			0	0	NA	18/08/2020
Aug 2020		No discharge			0	0	NA	11/09/2020
Sep 2020		No discharge			0	0	NA	19/10/2020
Oct 2020		No discharge			0	0	NA	16/11/2020
Nov 2020		No discharge			0	0	NA	22/12/2020
Dec 2020		No discharge			0	0	NA	21/01/2021
Jan 2021		No discharge			0	0	NA	15/02/2021
Feb 2021		No discharge			0	0	NA	23/03/2021
Mar 2021		No discharge			0	0	NA	15/04/2021
Apr 2021		No discharge			0	0	NA	17/05/2021
May 2021		No discharge			0	0	NA	23/06/2021
Jun 2021		No discharge			0	0	NA	16/07/2021
Jul 2021		No discharge			0	0	NA	19/08/2021
Aug 2021		No discharge			0	0	NA	28/09/2021
Sep 2021		No discharge			0	0	NA	21/10/2021
Oct 2021		No discharge			0	0	NA	24/11/2021
Nov 2021		No discharge			0	0	NA	13/12/2021
Dec 2021		No discharge			0	0	NA	18/01/2022
Jan 2022		No discharge			0	0	NA	16/02/2022
Feb 2022		No discharge			0	0	NA	11/03/2022
Mar 2022		No discharge			0	0	NA	13/04/2022
Apr 2022		No discharge			0	0	NA	31/05/2022
May 2022		No discharge			0	0	NA	20/06/2022
Jun 2022		No discharge			0	0	NA	26/07/2022
Jul 2022		No discharge			0	0	NA	12/08/2022
Aug 2022		No discharge			0	0	NA	16/09/2022

EPA ID No.2 – Main Interceptor Pumpout								
Pollutant	pH	Phenols	Total Organic Carbon	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Date data obtained	Publishing Date
Licence Limit	6.0-9.0	0.5	100	50	5000	5000		
Units of Measure		mg/L	mg/L	mg/L	kL	kL		
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily	Monthly		
Sep 2022		No discharge			0	0	NA	21/10/2022
Oct 2022		No discharge			0	0	NA	21/11/2022
Nov 2022		No discharge			0	0	NA	22/12/2022
Dec 2022		No discharge			0	0	NA	24/01/2023
Jan 2023		No discharge			0	0	NA	24/02/2023
Feb 2023		No discharge			0	0	NA	10/03/2023
Mar 2023		No discharge			0	0	NA	26/04/2023
Apr 2023		No discharge			0	0	NA	11/05/2023
May 2023		No discharge			0	0	NA	19/06/2023
Jun 2023		No discharge			0	0	NA	20/07/2023
Jul 2023		No discharge			0	0	NA	22/08/2023
Aug 2023		No discharge			0	0	NA	22/09/2023
Sep 2023		No discharge			0	0	NA	24/10/2023
Oct 2023		No discharge			0	0	NA	20/11/2023
Nov 2023		No discharge			0	0	NA	19/12/2023
Dec 2023		No discharge			0	0	NA	15/01/2024
Jan 2024		No discharge			0	0	NA	21/02/2024
Feb 2024		No discharge			0	0	NA	14/03/2024
Mar 2024		No discharge			0	0	NA	23/04/2024

EPA ID No. 4 - B2 System Pump out								
Pollutant	pH	Phenols	Total Organic Carbon	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Date data obtained	Publishing Date
Licence Limit	6.0-9.0	0.5	100	50	5000	5000		
Units of Measure		mg/L	mg/L	mg/L	kL	kL		
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily	Monthly		
Jan 2020			No discharge		0	0	NA	06/02/2020
Feb 2020			No discharge		0	0	NA	13/03/2020
Mar 2020			No discharge		0	0	NA	15/05/2020
Apr 2020			No discharge		0	0	NA	15/05/2020
May 2020			No discharge		0	0	NA	17/07/2020
Jun 2020			No discharge		0	0	NA	17/07/2020
Jul 2020			No discharge		0	0	NA	18/08/2020
Aug 2020			No discharge		0	0	NA	11/09/2020
Sep 2020			No discharge		0	0	NA	19/10/2020
Oct 2020			No discharge		0	0	NA	16/11/2020
Nov 2020			No discharge		0	0	NA	22/12/2020
Dec 2020			No discharge		0	0	NA	21/01/2021
Jan 2021			No discharge		0	0	NA	15/02/2021
Feb 2021			No discharge		0	0	NA	23/03/2021
Mar 2021			No discharge		0	0	NA	15/04/2021
Apr 2021			No discharge		0	0	NA	17/05/2021
May 2021			No discharge		0	0	NA	23/06/2021
Jun 2021			No discharge		0	0	NA	16/07/2021
Jul 2021			No discharge		0	0	NA	19/08/2021
Aug 2021			No discharge		0	0	NA	28/09/2021
Sep 2021			No discharge		0	0	NA	21/10/2021
Oct 2021			No discharge		0	0	NA	24/11/2021
Nov 2021			No discharge		0	0	NA	13/12/2021
Dec 2021			No discharge		0	0	NA	18/01/2022
Jan 2022			No discharge		0	0	NA	16/02/2022
Feb 2022			No discharge		0	0	NA	11/03/2022

EPA ID No. 4 - B2 System Pump out								
Pollutant	pH	Phenols	Total Organic Carbon	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Date data obtained	Publishing Date
Licence Limit	6.0-9.0	0.5	100	50	5000	5000		
Units of Measure		mg/L	mg/L	mg/L	kL	kL		
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily	Monthly		
Mar 2022			No discharge		0	0	NA	13/04/2022
Apr 2022			No discharge		0	0	NA	31/05/2022
May 2022			No discharge		0	0	NA	20/06/2022
Jun 2022			No discharge		0	0	NA	26/07/2022
Jul 2022			No discharge		0	0	NA	12/08/2022
Aug 2022			No discharge		0	0	NA	16/09/2022
Sep 2022			No discharge		0	0	NA	21/10/2022
Oct 2022			No discharge		0	0	NA	21/11/2022
Nov 2022			No discharge		0	0	NA	22/12/2022
Dec 2022			No discharge		0	0	NA	24/01/2023
Jan 2023			No discharge		0	0	NA	24/02/2023
Feb 2023			No discharge		0	0	NA	10/03/2023
Mar 2023			No discharge		0	0	NA	26/04/2023
Apr 2023			No discharge		0	0	NA	11/05/2023
May 2023			No discharge		0	0	NA	19/06/2023
Jun 2023			No discharge		0	0	NA	20/07/2023
Jul 2023			No discharge		0	0	NA	22/08/2023
Aug 2023			No discharge		0	0	NA	22/09/2023
Sep 2023			No discharge		0	0	NA	24/10/2023
Oct 2023			No discharge		0	0	NA	20/11/2023
Nov 2023			No discharge		0	0	NA	19/12/2023
Dec 2023			No discharge		0	0	NA	15/01/2024
Jan 2024			No discharge		0	0	NA	21/02/2024
Feb 2024			No discharge		0	0	NA	14/03/2024
Mar 2024			No discharge		0	0	NA	23/04/2024



EPA ID No.25 – Flexible discharge outlet					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Date Data obtained	Publishing Date
Licence Limit	6.0-9.0	100	50		
Units of Measure		mg/L	mg/L		
Frequency as per EPL	<24 hrs prior to discharge	<24 hrs prior to discharge	<24 hrs prior to discharge		
Jan 2020		No discharge		NA	06/02/2020
Feb 2020		No discharge		NA	13/03/2020
Mar 2020		No discharge		NA	15/05/2020
Apr 2020		No discharge		NA	15/05/2020
May 2020		No discharge		NA	17/07/2020
Jun 2020		No discharge		NA	17/07/2020
Jul 2020		No discharge		NA	18/08/2020
Aug 2020		No discharge		NA	11/09/2020
Sep 2020		No discharge		NA	19/10/2020
Oct 2020		No discharge		NA	16/11/2020
Nov 2020		No discharge		NA	22/12/2020
Dec 2020		No discharge		NA	21/01/2021
Jan 2021		No discharge		NA	15/02/2021
Feb 2021		No discharge		NA	23/03/2021
Mar 2021		No discharge		NA	15/04/2021
Apr 2021		No discharge		NA	17/05/2021
May 2021		No discharge		NA	23/06/2021
Jun 2021		No discharge		NA	16/07/2021
Jul 2021		No discharge		NA	19/08/2021
Aug 2021		No discharge		NA	28/09/2021
Sep 2021		No discharge		NA	21/10/2021
Oct 2021		No discharge		NA	24/11/2021
Nov 2021		No discharge		NA	13/12/2021
Dec 2021		No discharge		NA	18/01/2022
Jan 2022		No discharge		NA	16/02/2022
Feb 2022		No discharge		NA	11/03/2022
Mar 2022		No discharge		NA	13/04/2022
Apr 2022		No discharge		NA	31/05/2022
May 2022		No discharge		NA	20/06/2022
Jun 2022		No discharge		NA	26/07/2022
Jul 2022		No discharge		NA	12/08/2022
Aug 2022		No discharge		NA	16/09/2022

EPA ID No.25 – Flexible discharge outlet					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Date Data obtained	Publishing Date
Licence Limit	6.0-9.0	100	50		
Units of Measure		mg/L	mg/L		
Frequency as per EPL	<24 hrs prior to discharge	<24 hrs prior to discharge	<24 hrs prior to discharge		
Sep 2022		No discharge		NA	21/10/2022
Oct 2022		No discharge		NA	21/11/2022
Nov 2022		No discharge		NA	22/12/2022
Dec 2022		No discharge		NA	24/01/2023
Jan 2023		No discharge		NA	24/02/2023
Feb 2023		No discharge		NA	10/03/2023
Mar 2023		No discharge		NA	26/04/2023
Apr 2023		No discharge		NA	11/05/2023
May 2023		No discharge		NA	19/06/2023
Jun 2023		No discharge		NA	20/07/2023
Jul 2023		No discharge		NA	22/08/2023
Aug 2023		No discharge		NA	22/09/2023
Sep 2023		No discharge		NA	24/10/2023
Oct 2023		No discharge		NA	20/11/2023
Nov 2023		No discharge		NA	19/12/2023
Dec 2023		No discharge		NA	15/01/2024
Jan 2024		No discharge		NA	21/02/2024
Feb 2024		No discharge		NA	14/03/2024
Mar 2024		No discharge		NA	23/04/2024

EPA ID No. 26 - B2 System Monitoring Point										
Pollutant	pH	Phenols	Total Organic Carbon	Total Suspended Solids	Total Petroleum Hydrocarbons				Date data obtained	Publishing Date
					C6-C9	C10-C14	C15-C28	C29-C36		
Units of Measure		mg/L	mg/L	mg/L	µg/L					
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging					
Jan 2020				No discharge					NA	06/02/2020
Feb 2020				No discharge					NA	13/03/2020
Mar 2020				No discharge					NA	15/05/2020
Apr 2020				No discharge					NA	15/05/2020
May 2020				No discharge					NA	17/07/2020
Jun 2020				No discharge					NA	17/07/2020
Jul 2020				No discharge					NA	18/08/2020
Aug 2020				No discharge					NA	11/09/2020
Sep 2020				No discharge					NA	19/10/2020
Oct 2020				No discharge					NA	16/11/2020
Nov 2020				No discharge					NA	22/12/2020
Dec 2020				No discharge					NA	21/01/2021
Jan 2021				No discharge					NA	15/02/2021
Feb 2021				No discharge					NA	23/03/2021
Mar 2021				No discharge					NA	15/04/2021
Apr 2021				No discharge					NA	17/05/2021
May 2021				No discharge					NA	23/06/2021
Jun 2021				No discharge					NA	16/07/2021
Jul 2021				No discharge					NA	19/08/2021
Aug 2021				No discharge					NA	28/09/2021
Sep 2021				No discharge					NA	21/10/2021
Oct 2021				No discharge					NA	24/11/2021
Nov 2021				No discharge					NA	13/12/2021
Dec 2021				No discharge					NA	18/01/2022
Jan 2022				No discharge					NA	16/02/2022
Feb 2022				No discharge					NA	11/03/2022
Mar 2022				No discharge					NA	13/04/2022
Apr 2022				No discharge					NA	31/05/2022
May 2022				No discharge					NA	20/06/2022
Jun 2022				No discharge					NA	26/07/2022
Jul 2022				No discharge					NA	12/08/2022

EPA ID No. 26 - B2 System Monitoring Point										
Pollutant	pH	Phenols	Total Organic Carbon	Total Suspended Solids	Total Petroleum Hydrocarbons				Date data obtained	Publishing Date
					C6-C9	C10-C14	C15-C28	C29-C36		
Units of Measure		mg/L	mg/L	mg/L	µg/L					
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging					
Aug 2022				No discharge					NA	16/09/2022
Sep 2022				No discharge					NA	21/10/2022
Oct 2022				No discharge					NA	21/11/2022
Nov 2022				No discharge					NA	22/12/2022
Dec 2022				No discharge					NA	24/01/2023
Jan 2023				No discharge					NA	24/02/2023
Feb 2023				No discharge					NA	10/03/2023
Mar 2023				No discharge					NA	26/04/2023
Apr 2023				No discharge					NA	11/05/2023
May 2023				No discharge					NA	19/06/2023
Jun 2023				No discharge					NA	20/07/2023
Jul 2023				No discharge					NA	22/08/2023
Aug 2023				No discharge					NA	22/09/2023
Sep 2023				No discharge					NA	24/10/2023
Oct 2023				No discharge					NA	20/11/2023
Nov 2023				No discharge					NA	19/12/2023
Dec 2023				No discharge					NA	15/01/2024
Jan 2024				No discharge					NA	21/02/2024
Feb 2024				No discharge					NA	14/03/2024
Mar 2024				No discharge					NA	23/04/2024

VIVA ENERGY: UNRESTRICTED

EPA ID No. 28 – East Interceptor Bays 1 & 2					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L	mg/L		
Frequency as per EPL	Each overflow event	Each overflow event	Each overflow event		
Jan 2020		No discharge		NA	06/02/2020
07/02/2020	7.6	2.7	6	-	13/03/2020
08/02/2020	7.6	1.6	<5	-	13/03/2020
09/02/2020	7.7	1.3	6	-	13/03/2020
Mar 2020		No discharge		NA	15/05/2020
Apr 2020		No discharge		NA	15/05/2020
May 2020		No discharge		NA	17/07/2020
Jun 2020		No discharge		NA	17/07/2020
Jul 2020		No discharge		NA	18/08/2020
Aug 2020		No discharge		NA	11/09/2020
Sep 2020		No discharge		NA	19/10/2020
Oct 2020		No discharge		NA	16/11/2020
Nov 2020		No discharge		NA	22/12/2020
Dec 2020		No discharge		NA	21/01/2021
Jan 2021		No discharge		NA	15/02/2021
Feb 2021		No discharge		NA	23/03/2021
20/03/2021	7.1	1.2	<5	29/03/2021	15/04/2020
21/03/2021	7.2	1.9	<5	29/03/2021	15/04/2020
Apr 2021		No discharge		NA	17/05/2021
May 2021		No discharge		NA	23/06/2021
Jun 2021		No discharge		NA	16/07/2021
Jul 2021		No discharge		NA	19/08/2021
Aug 2021		No discharge		NA	28/09/2021
Sep 2021		No discharge		NA	21/10/2021
Oct 2021		No discharge		NA	24/11/2021
26/11/2021	7.4	3.3	<5	08/12/2021	13/12/2021
27/11/2021	7.1	2.6	<5	08/12/2021	13/12/2021
29/11/2021	7.3	2.6	<5	08/12/2021	13/12/2021
Dec 2021		No discharge		NA	18/01/2022
06/01/2022	7.4	1.3	6	11/01/2022	16/02/2022
07/01/2022	7.7	1.3	<5	13/01/2022	16/02/2022
08/01/2022	7.2	1.6	<5	17/01/2022	16/02/2022
09/01/2022	7.9	1.4	<5	11/01/2022	16/02/2022

EPA ID No. 28 – East Interceptor Bays 1 & 2					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L	mg/L		
Frequency as per EPL	Each overflow event	Each overflow event	Each overflow event		
23/02/2022	7.0	2.1	<5	03/03/2022	11/03/2022
24/02/2022	7.0	1.9	<5	04/03/2022	11/03/2022
25/02/2022	7.2	2.5	<5	04/03/2022	11/03/2022
26/02/2022	7.3	6.0	<5	07/03/2022	11/03/2022
27/02/2022	7.1	5.4	31	07/03/2022	11/03/2022
28/02/2022	7.1	2.7	<5	08/03/2022	11/03/2022
01/03/2022	7.1	2.9	<5	09/03/2022	11/03/2022
02/03/2022	6.7	3.9	<5	10/03/2022	11/03/2022
03/03/2022	6.7	3.6	5	10/03/2022	11/03/2022
04/03/2022	7.5	5	<5	15/03/2022	29/03/2022
05/03/2022	7.5	2.5	<5	15/03/2022	29/03/2022
06/03/2022	7.3	2.2	<5	15/03/2022	29/03/2022
07/03/2022	7.4	4.2	12	15/03/2022	29/03/2022
08/03/2022	7.1	1.5	<5	17/03/2022	29/03/2022
09/03/2022	7.5	1.9	<5	17/03/2022	29/03/2022
20/03/2022	7.5	3.1	<5	28/03/2022	29/03/2022
28/03/2022	7.2	2.4	<5	05/04/2022	13/04/2022
29/03/2022	6.9	2.1	<5	07/04/2022	13/04/2022
30/03/2022	7.3	2.2	<5	08/04/2022	13/04/2022
31/03/2022	7.5	6.6	5	08/04/2022	13/04/2022
01/04/2022	7.1	2.7	<5	11/04/2022	13/04/2022
07/04/2022	7.2	2.0	<5	19/04/2022	26/04/2022
08/04/2022	7.2	1.5	<5	19/04/2022	26/04/2022
09/04/2022	7.0	1.6	<5	20/04/2022	26/04/2022
May 2022		No discharge		NA	20/06/2022
Jun 2022		No discharge		NA	26/07/2022
03/07/2022	7.1	1.6	<5	11/07/2022	26/07/2022
04/07/2022	7.4	1.7	<5	11/07/2022	26/07/2022
05/07/2022	7.0	2.5	<5	13/07/2022	26/07/2022
06/07/2022	7.1	1.5	<5	13/07/2022	26/07/2022
07/07/2022	7.3	1.6	<5	15/07/2022	26/07/2022
11/07/2022	7.3	1.7	<5	19/07/2022	26/07/2022
23/07/2022	7.8	2.9	<5	02/08/2022	12/08/2022

EPA ID No. 28 – East Interceptor Bays 1 & 2						
Pollutant	pH	Total Organic Carbon		Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L		mg/L		
Frequency as per EPL	Each overflow event	Each overflow event		Each overflow event		
Aug 2022		No discharge			NA	16/09/2022
Sep 2022		No discharge			NA	21/10/2022
09/10/2022	7.5	2.5		<5	17/10/2022	21/11/2022
Nov 2022		No discharge			NA	22/12/2022
Dec 2022		No discharge			NA	24/01/2023
07/01/2023	7.9	2.5		<5	17/01/2023	24/01/2023
31/01/2023	7.5	2.0		9	09/02/2023	24/02/2023
22/02/2023	7.5	2.3		<5	02/03/2023	10/03/2023
23/02/2023	7.8	2.4		<5	02/03/2023	10/03/2023
Mar 2023		No discharge			NA	26/04/2023
03/04/2023	7.8	3.1		<5	12/04/2023	26/04/2023
May 2023		No discharge			NA	19/06/2023
Jun 2023		No discharge			NA	20/07/2023
Jul 2023		No discharge			NA	22/08/2023
Aug 2023		No discharge			NA	22/09/2023
Sep 2023		No discharge			NA	24/10/2023
Oct 2023		No discharge			NA	20/11/2023
Nov 2023		No discharge			NA	19/12/2023
Dec 2023		No discharge			NA	15/01/2024
15/01/2024	7.9	1.9		31	22/01/2024	21/02/2024
16/01/2024	7.6	2.7		9	29/01/2024	21/02/2024
18/01/2024	7.5	2.5		27	29/01/2024	21/02/2024
21/02/2024	8.0	3.1		5	29/02/2024	14/03/2024
Mar 2024		No discharge			NA	23/04/2024
05/04/2024	7.9	1.9		31	16/04/2024	23/04/2024
06/04/2024	7.6	2.7		9	16/04/2024	23/04/2024
07/04/2024	7.5	2.5		27	16/04/2024	23/04/2024

EPA ID No. 29 – East Interceptor Bays 3 & 4 Overflow					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L	mg/L		
Frequency	Each overflow event	Each overflow event	Each overflow event		
Jan 2020		No discharge		NA	06/02/2020
07/02/2020	7.6	6.6	30	-	13/03/2020
08/02/2020	7.5	6.7	9	-	13/03/2020
09/02/2020	7.3	3.6	110	-	13/03/2020
10/02/2020	7.3	2.9	20	-	13/03/2020
Mar 2020		No discharge		NA	15/05/2020
Apr 2020		No discharge		NA	15/05/2020
May 2020		No discharge		NA	17/07/2020
Jun 2020		No discharge		NA	17/07/2020
Jul 2020		No discharge		NA	18/08/2020
Aug 2020		No discharge		NA	11/09/2020
Sep 2020		No discharge		NA	19/10/2020
Oct 2020		No discharge		NA	16/11/2020
Nov 2020		No discharge		NA	22/12/2020
Dec 2020		No discharge		NA	21/01/2021
Jan 2021		No discharge		NA	15/02/2021
Feb 2021		No discharge		NA	23/03/2021
19/03/2021	7.4	5.8	16	29/03/2021	15/04/2021
20/03/2021	7.2	6.0	18	29/03/2021	15/04/2021
21/03/2021	7.1	1.8	<5	29/03/2021	15/04/2021
24/03/2021	7.2	4.8	6	31/03/2021	15/04/2021
Apr 2021		No discharge		NA	17/05/2021
May 2021		No discharge		NA	23/06/2021
Jun 2021		No discharge		NA	16/07/2021
Jul 2021		No discharge		NA	19/08/2021
Aug 2021		No discharge		NA	28/09/2021
Sep 2021		No discharge		NA	21/10/2021
Oct 2021		No discharge		NA	24/11/2021
26/11/2021	7.4	5.9	41	08/12/2021	13/12/2021



EPA ID No. 29 – East Interceptor Bays 3 & 4 Overflow					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L	mg/L		
Frequency	Each overflow event	Each overflow event	Each overflow event		
27/11/2021	7.1	6.6	17	08/12/2021	13/12/2021
Dec 2021	No discharge			NA	18/01/2022
08/01/2022	7.4	5.0	17	17/01/2022	16/02/2022
23/02/2022	7.0	4.7	15	03/03/2022	11/03/2022
24/02/2022	7.2	6.0	12	04/03/2022	11/03/2022
25/02/2022	7.4	7.0	7	04/03/2022	11/03/2022
26/02/2022	7.4	6.1	7	07/03/2022	11/03/2022
27/02/2022	7.2	4.9	13	07/03/2022	11/03/2022
01/03/2022	7.2	6.9	<5	09/03/2022	11/03/2022
02/03/2022	6.7	3.9	15	10/03/2022	11/03/2022
03/03/2022	6.7	3.5	7	10/03/2022	11/03/2022
04/03/2022	7.4	2.3	<5	15/03/2022	29/03/2022
06/03/2022	7.5	4.4	24	15/03/2022	29/03/2022
07/03/2022	7.9	4.5	5	15/03/2022	29/03/2022
08/03/2022	7.2	3.1	6	17/03/2022	29/03/2022
09/03/2022	7.4	3.4	<5	17/03/2022	29/03/2022
20/03/2022	7.4	5.5	8	28/03/2022	29/03/2022
28/03/2022	7.1	4.4	10	05/04/2022	13/04/2022
29/03/2022	7.3	5.5	8	07/04/2022	13/04/2022
30/03/2022	7.5	6.2	7	08/04/2022	13/04/2022
31/03/2022	7.5	6.6	<5	08/04/2022	13/04/2022
01/04/2022	7.3	6.4	<5	11/04/2022	13/04/2022
07/04/2022	7.3	4.8	9	19/04/2022	26/04/2022
08/04/2022	7.4	3.4	<5	19/04/2022	26/04/2022
09/04/2022	7.1	3.9	9	20/04/2022	26/04/2022
May 2022	No discharge			NA	20/06/2022
Jun 2022	No discharge			NA	26/07/2022
03/07/2022	6.9	3.0	10	11/07/2022	26/07/2022
04/07/2022	7.5	3.6	<5	11/07/2022	26/07/2022

EPA ID No. 29 – East Interceptor Bays 3 & 4 Overflow					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L	mg/L		
Frequency	Each overflow event	Each overflow event	Each overflow event		
05/07/2022	7.1	1.3	5	13/07/2022	26/07/2022
06/07/2022	7.3	3.1	<5	13/07/2022	26/07/2022
07/07/2022	7.5	3.8	<5	15/07/2022	26/07/2022
11/07/2022	7.5	3.9	9	19/07/2022	26/07/2022
23/07/2022	7.7	4.3	8	02/08/2022	12/08/2022
Aug 2022		No discharge		NA	16/09/2022
Sep 2022		No discharge		NA	21/10/2022
09/10/2022	7.5	5.0	16	17/10/2022	21/11/2022
10/10/2022	7.1	4.4	13	18/10/2022	21/11/2022
Nov 2022		No discharge		NA	22/12/2022
Dec 2022		No discharge		NA	24/01/2023
07/01/2023	7.7	4.5	10	17/01/2023	24/01/2023
31/01/2023	7.3	3.7	16	09/02/2023	24/02/2023
01/02/2023	7.3	3.9	17	10/02/2023	24/02/2023
22/02/2023	7.8	3.9	16	02/03/2023	10/03/2023
23/02/2023	7.6	4.6	11	02/03/2023	10/03/2023
Mar 2023		No discharge		NA	26/04/2023
03/04/2023	7.8	4.5	10	12/04/2023	26/04/2023
May 2023		No discharge		NA	19/06/2023
Jun 2023		No discharge		NA	20/07/2023
Jul 2023		No discharge		NA	22/08/2023
Aug 2023		No discharge		NA	22/09/2023
Sep 2023		No discharge		NA	24/10/2023
Oct 2023		No discharge		NA	20/11/2023
Nov 2023		No discharge		NA	19/12/2023
Dec 2023		No discharge		NA	15/01/2024
15/01/2024	7.5	3.9	23	22/01/2024	21/02/2024
16/01/2024	7.5	4.1	<5	29/01/2024	21/02/2024
21/02/2024	7.8	4.9	7	29/02/2024	14/03/2024

EPA ID No. 29 – East Interceptor Bays 3 & 4 Overflow					
Pollutant	pH	Total Organic Carbon	Total Suspended Solids	Data obtained Date	Publishing Date
Units of Measure		mg/L	mg/L		
Frequency	Each overflow event	Each overflow event	Each overflow event		
Mar 2024		No discharge		NA	23/04/2024
05/04/2024	8.2	6.2	33	16/04/2024	23/04/2024
06/04/2024	7.5	3.0	14	16/04/2024	23/04/2024

EPA ID No.30 – East Interceptor Pumpout								
Pollutant	pH	Oil and Grease	Total Organic Carbon	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Data obtained Date	Publishing Date
Licence Limit	6.0-9.0	10	100	50	5000	5000		
Units of Measure		mg/L	mg/L	mg/L	kL	kL		
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily	Monthly		
Jan-20			No discharge		0	0	NA	06/02/2020
Feb-20			No discharge		0	0	NA	13/03/2020
Mar-20			No discharge		0	0	NA	15/05/2020
Apr-20			No discharge		0	0	NA	15/05/2020
May-20			No discharge		0	0	NA	17/07/2020
Jun-20			No discharge		0	0	NA	17/07/2020
Jul-20			No discharge		0	0	NA	18/08/2020
Aug-20			No discharge		0	0	NA	11/09/2020
Sep-20			No discharge		0	0	NA	19/10/2020
Oct-20			No discharge		0	0	NA	16/11/2020
Nov-20			No discharge		0	0	NA	22/12/2020
Dec-20			No discharge		0	0	NA	21/01/2021
Jan-21			No discharge		0	0	NA	15/02/2021
Feb-21			No discharge		0	0	NA	23/03/2021
Mar-21			No discharge		0	0	NA	15/04/2021
Apr-21			No discharge		0	0	NA	17/05/2021
May-21			No discharge		0	0	NA	23/06/2021
Jun-21			No discharge		0	0	NA	16/07/2021
Jul-21			No discharge		0	0	NA	19/08/2021
Aug-21			No discharge		0	0	NA	28/09/2021
Sep-21			No discharge		0	0	NA	21/10/2021
Oct-21			No discharge		0	0	NA	24/11/2021
Nov-21			No discharge		0	0	NA	13/12/2021
Dec-21			No discharge		0	0	NA	18/01/2022
Jan-22			No discharge		0	0	NA	16/02/2022
Feb-22			No discharge		0	0	NA	11/03/2022
Mar-22			No discharge		0	0	NA	13/04/2022

EPA ID No.30 – East Interceptor Pumpout								
Pollutant	pH	Oil and Grease	Total Organic Carbon	Total Suspended Solids	Max Daily Discharge Volume	Ave Daily Discharge Volume	Data obtained Date	Publishing Date
Licence Limit	6.0-9.0	10	100	50	5000	5000		
Units of Measure		mg/L	mg/L	mg/L	kL	kL		
Frequency as per EPL	Daily when discharging	Daily when discharging	Daily when discharging	Daily when discharging	Daily	Monthly		
Apr-22			No discharge		0	0	NA	31/05/2022
May-22			No discharge		0	0	NA	20/06/2022
Jun-22			No discharge		0	0	NA	26/07/2022
Jul-22			No discharge		0	0	NA	12/08/2022
Aug-22			No discharge		0	0	NA	16/09/2022
Sep-22			No discharge		0	0	NA	21/10/2022
Oct-22			No discharge		0	0	NA	21/11/2022
Nov-22			No discharge		0	0	NA	22/12/2022
Dec-22			No discharge		0	0	NA	24/01/2023
Jan-23			No discharge		0	0	NA	24/02/2023
Feb-23			No discharge		0	0	NA	10/03/2023
Mar-23			No discharge		0	0	NA	26/04/2023
Apr-23			No discharge		0	0	NA	11/05/2023
May-23			No discharge		0	0	NA	19/06/2023
Jun-23			No discharge		0	0	NA	20/07/2023
Jul-23			No discharge		0	0	NA	22/08/2023
Aug-23			No discharge		0	0	NA	22/09/2023
Sep-23			No discharge		0	0	NA	24/10/2023
Oct-23			No discharge		0	0	NA	20/11/2023
Nov-23			No discharge		0	0	NA	19/12/2023
Dec-23			No discharge		0	0	NA	15/01/2024
Jan-24			No discharge		0	0	NA	21/02/2024
Feb-24			No discharge		0	0	NA	14/03/2024
Mar-24			No discharge		0	0	NA	23/04/2024

Correction Log – EPL No.570					
Sample Date and Time	Original Data	Corrected Data	Date Corrected	Date originally published	Reason
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