

Licensee: Viva Energy Australia Pty Ltd																
EPL 570																
EPA ID No.1 – Biotreater Effluent																
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	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	
4/12/2014	<5	3.6	0.06	<5	7.9	0.03	2.1	<0.040	0.16	0.56	<0.2	0.26	11			
8/01/2015	<5	4.6	0.04	<5	8.1	0.02	4.7	<0.040	<0.05	<0.2	<0.2	0.54	<5			
12/02/2015	<5	5.4	0.06	<5	7.4	0.02	2.1	<0.040	<0.05	0.25	<0.2	0.12	<5			
12/03/2015	<5	8.8	0.11	<5	7.2	0.19	0.8	<0.080	<0.05	0.25	<0.2	131	8			
9/04/2015	<5	1.8	0.02	<5	7.5	0.02	2.2	<0.040	<0.05	0.24	<0.2	0.16	<5			
7/05/2015	<5	3	0.04	<5	7.6	0.02	1.7	<0.040	<0.05	<0.2	<0.2	0.07	<5			
4/06/2015	<5	5.2	0.04	<5	8	0.03	2.5	<0.2	<0.05	0.26	<0.2	0.25	<5			
2/07/2015	<5	4.7	0.04	<5	8	0.02	3	<0.2	<0.05	0.23	<0.2	0.08	<5			
6/08/2015	<5	6.5	0.04	<5	7.9	0.03	0.97	0.87	<0.05	0.4	<0.2	0.39	<5			
3/09/2015	<5	6.4	0.13	<5	8.1	0.02	2.2	<0.2	<0.05	0.33	<0.2	0.25	<5			
1/10/2015	<5	16	0.04	<5	7.8	0.03	7.1	<0.2	<0.05	0.51	<0.2	0.31	<5			
5/11/2015	<5	4.9	0.2	<5	7.4	0.02	3.7	<0.04	<0.05	0.27	<0.2	0.18	<5			
3/12/2015	<5	2.7	0.08	<5	7.4	0.02	6.3	<0.2	<0.05	<0.2	<0.2	0.38	15			
21/01/2016	<5	1.3	0.04	<5	7.5	<0.01	3.1	<0.2	<0.05	<0.2	<0.2	0.27	<5			
4/02/2016	24	0.84	0.09	<5	7	0.05	1.5	0.68	0.58	1.1	<0.2	0.7	35			
3/03/2016	<5	2	<0.1	<5	7.7	<0.01	5	<0.04	<0.05	0.28	<0.2	0.22	<5		26/04/2016	
7/04/2016	<5	1.6	0.02	<5	7.7	<0.01	3.2	<0.2	<0.05	0.31	<0.2	0.14	<5		26/04/2016	
5/05/2016	<5	2.6	0.03	<5	7.4	0.02	5.4	<0.4	0.11	0.59	<0.2	0.24	<5		17/06/2016	
2/06/2016	12	1.2	<0.01	<5	7.6	0.07	1.4	<0.4	0.51	0.69	<0.2	<0.05	41		17/06/2016	
28/07/2016	<5	0.95	<0.01	<5	7.9	<0.01	0.2	<0.2	<0.05	<0.2	<0.2	0.15	<5		12/09/2016	
4/08/2016	<5	1.5	0.07	<5	7.3	0.02	0.88	<0.2	0.3	0.45	<0.2	0.2	6		12/09/2016	
1/09/2016	<5	1.2	0.43	<5	7.2	<0.05	1.8	<0.2	<0.05	<0.2	<0.2	0.24	<5		21/10/2016	
6/10/2016	<5	2.4	0.02	<5	7.8	<0.05	2.6	<0.04	<0.05	0.23	<0.2	0.16	<5		21/10/2016	
3/11/2016	<5	3.9	0.02	<5	7.5	<0.05	0.56	<0.2	<0.05	<0.2	<0.2	0.18	<5		16/11/2016	
15/12/2016	<5	1.3	0.01	<5	7.3	<0.05	4	<0.04	<0.05	<0.2	<0.2	0.2	<5		11/01/2017	
5/01/2017	<5	1.4	<0.01	<5	7.7	<0.05	2.5	<0.04	0.084	0.68	0.42	0.26	<5		16/02/2017	
2/02/2017	<5	1.3	0.01	<5	7.3	<0.05	5.1	<0.04	<0.05	<0.2	<0.2	0.52	<5		17/03/2017	
2/03/2017	<5	0.89	0.05	<5	7.5	<0.05	1.36	<0.2	<0.05	<0.2	<0.2	0.33	<5		17/03/2017	
5/04/2017	<5	0.9	<0.01	<5	7.8	<0.05	0.6	<0.04	<0.05	<0.2	<0.2	0.19	<5		8/05/2017	
4/05/2017	<5	1.2	0.07	<5	7.5	<0.05	2.4	<0.04	<0.05	<0.2	<0.2	0.53	8		14/06/2017	
1/06/2017	<5	1.7	0.22	<5	7.6	<0.05	3.4	<0.04	<0.05	<0.2	<0.2	0.18	<5		14/06/2017	
6/07/2017	<5	1	0.02	<5	7.6	<0.05	1.3	<0.04	<0.05	<0.2	<0.2	0.34	19	1178	875	29/08/2017
3/08/2017	<5	1.1	0.03	<5	7.8	<0.05	4.5	<0.04	<0.05	<0.2	<0.2	0.09	<5	1879	973	29/08/2017
7/09/2017	<5	1.1	0.02	<5	6.7	<0.05	3.5	<0.04	<0.05	<0.2	<0.2	0.92	<5	1991	879	8/11/2017
5/10/2017	<5	1.5	0.03	<5	7.3	<0.05	6.8	<0.04	<0.05	<0.2	<0.2	0.67	<5	2134	913	8/11/2017
2/11/2017	<5	2.1	0.08	<5	7.7	<0.05	2.7	<0.04	<0.05	<0.2	<0.2	0.38	5	2055	1072	23/11/2017
14/12/2017	<5	1.9	0.02	<5	7.1	<0.05	10	<0.04	<0.05	<0.2	<0.2	0.27	<5	1937	954	8/02/2018
16/01/2018	<5	1.3	0.03	7	7.9	<0.05	1.2	<0.04	<0.05	<0.2	<0.2	0.22	<5	1864	961	8/02/2018
1/02/2018	<5	1.6	0.02	<5	7.6	<0.05	2	<0.04	<0.05	<0.2	<0.2	0.56	<5	1846	967	9/02/2018
8/03/2018	<5	1.6	0.03	<5	8	<0.05	0.65	<0.04	<0.05	<0.2	<0.2	0.3	<5	2099	1363	16/03/2018

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5/04/2018	<5	1.3	0.03	<5	7.3	<0.05	11	<0.04	<0.05	<0.2	<0.2	0.92	5	1588	779	9/05/2018
3/05/2018	<5	2.3	3	<5	7.4	<0.05	12	<0.04	<0.05	<0.2	<0.2	0.83	7	1192	788	19/06/2018
7/06/2018	<5	2.7	<0.01	<5	7.4	<0.05	2.9	<0.2	<0.05	<0.2	<0.2	0.27	<5	1880	1312	19/06/2018
30/07/2018	<5	5.2	0.01	<5	6.8	<0.05	17	<0.2	<0.05	<0.2	<0.2	0.42	<5	1866	290	15/08/2018
2/08/2018	<5	4.1	<0.01	<5	6.8	<0.05	16	<0.2	<0.05	<0.2	<0.2	0.37	<5	991	409	15/08/2018
6/09/2018	<5	2	<0.01	<5	6.9	<0.05	1	<0.2	<0.05	<0.2	<0.2	0.07	<5	1694	486	5/11/2018
10/10/2018	<5	2.6	<0.01	<5	7.2	<0.05	0.71	<0.2	<0.05	<0.2	<0.2	0.14	<5	1911	1133	5/11/2018
1/11/2018	<5	1	<0.01	<5	7.1	<0.05	2.4	<0.2	<0.05	<0.2	<0.2	0.25	7	1759	559	31/12/2018
6/12/2018	<5	0.91	<0.01	<5	7.1	<0.05	3.8	0.23	<0.05	<0.2	<0.2	0.58	12	2076	1323	31/12/2018
3/01/2019	<5	1	<0.01	<5	7.4	<0.05	2.5	0.28	<0.05	<0.2	<0.2	0.18	<5	2068	746	25/03/2019
7/02/2019	Sample taken though not analysed due to an error in the chain of custody process													2208	977	25/03/2019
7/03/2019	<5	1.4	0.02	<5	6.9	<0.05	3.3	0.21	<0.05	<0.2	<0.2	0.16	<5	2729	980	25/03/2019
4/04/2019	<5	0.85	<0.01	<5	7.6	<0.05	1.5	<0.04	<0.05	<0.2	<0.2	0.13	<5	1977	836	11/06/2019
2/05/2019	<5	1	0.01	<5	7.2	<0.05	4.8	<0.2	<0.2	<0.2	<0.2	0.06	<5	1103	423	11/06/2019
6/06/2019	<5	1.3	0.03	<5	7.1	<0.05	4	<0.04	<0.05	<0.2	<0.2	0.3	11	1373	1085	19/08/2019
4/07/2019	<5	0.99	0.02	<5	7.3	<0.05	1	<0.04	<0.05	<0.2	<0.2	0.14	<5	1499	1034	19/08/2019
1/08/2019	<5	1.5	0.03	<5	7.3	<0.05	8.3	<0.2	<0.05	<0.2	<0.2	0.26	8	1794	773	19/08/2019
5/09/2019	<5	0.83	0.04	<5	7.6	<0.05	2.8	<0.2	<0.05	<0.2	<0.2	0.35	16	1863	1312	23/10/2019
3/10/2019	<5	<0.1	3.8	<5	7.6	<0.05	8.2	<0.2	<0.05	<0.2	<0.2	0.61	15	1739	1210	23/10/2019
7/11/2019	<5	0.96	0.02	<5	7.7	<0.05	2	<0.04	<0.05	<0.2	<0.2	1.1	5	1716	978	11/12/2019
5/12/2019	<5	1.6	0.11	<5	7.4	<0.05	7.6	<0.2	<0.05	<0.2	<0.2	0.23	12	1354	372	6/02/2020
2/01/2020	<5	1.7	0.07	<5	7	<0.05	7	<0.2	<0.05	<0.2	<0.2	0.23	<5	1739	765	6/02/2020
2/02/2020	<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
5/03/2020	<5	0.85	0.02	<5	7.3	<0.05	0.6	<0.2	<0.05	<0.2	<0.2	0.12	<5			13/03/2020

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)

Note: From 01 July 2014 only one sample is required to be reported per month