

# Water Monitoring Report

POEO Act (1997) monitoring data

Gore Bay Port Facility – Manns Avenue, Greenwich NSW 2065

Environment Protection Licence (EPL) Number 661, held by Viva Energy Australia Pty Ltd

Record updated on: 12 December 2024

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Gore Bay Port Facility has 4 licensed water discharge points as specified in the EPL 661. Figure 1 shows the locations of monitoring points 1 and 2. Monitoring points 4 and 5 are not fixed points and so are not shown on the Figure. The water quality monitoring requirements are specified in the EPL 661, including licence limits for water quality parameters and volume. Monitoring data is provided for Point 1, Point 2, Point 4 and Point 5. A log of corrections to data is also provided.

Figure 1



EPA MONITORING POINTS



Legend  
 Site boundary

Source: Imagery © Neamap 2020.

EPA ID No 1 – CPI South						
Pollutant	Oil and Grease	Biochemical Oxygen Demand (BOD)	Total Organic Carbon (TOC)	Total Petroleum Hydrocarbons (TPH)	Data obtained Date	Publishing Date
Licence Limit	10.0	50.0	-	-		
Units of Measure	mg/L	mg/L	mg/L	mg/L		
Frequency as per EPL	Monthly	Monthly	Monthly	Monthly		
04/01/2021	<5	<5	6.4	0.65	20/01/2021	21/01/2021
02/02/2021	<5	<5	5.6	<0.65	09/02/2021	15/02/2021
01/03/2021	<5	<5	5.7	<0.65	10/03/2021	23/03/2021
06/04/2021	<5	<5	5.2	<0.65	14/04/2021	15/04/2021
03/05/2021	<5	<5	6.3	<0.65	14/04/2021	15/04/2021
01/06/2021	<5	<5	5.4	<0.65	09/06/2021	23/06/2021
13/07/2021	<5	<5	4.6	<0.65	21/07/2021	22/07/2021
03/08/2021	<5	<5	6.8	<0.65	11/08/2021	19/08/2021
07/09/2021	<5	8	9.8	2	14/09/2021	28/09/2021
05/10/2021	<5	<5	6.9	<0.65	19/10/2021	21/10/2021
02/11/2021	<5	<5	5.6	<0.65	09/11/2021	23/11/2021
07/12/2021	<5	<5	5.6	<0.32	15/12/2021	16/12/2021
<b>2021 Average</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>6.2</b>	<b>&lt;0.65</b>		
04/01/2022	<5	<5	5.2	<0.65	12/01/2022	18/01/2022
03/02/2022	<5	<5	7.6	<0.65	10/02/2022	16/02/2022
01/03/2022	<5	<5	8.4	<0.65	07/03/2022	07/03/2022
05/04/2022	<5	<5	7.7	<0.65	12/04/2022	13/04/2022
03/05/2022	<5	<5	5.4	<0.65	10/05/2022	31/05/2022
29/06/2022	<5	<5	6.4	<0.65	06/07/2022	13/07/2022

EPA ID No 1 – CPI South						
Pollutant	Oil and Grease	Biochemical Oxygen Demand (BOD)	Total Organic Carbon (TOC)	Total Petroleum Hydrocarbons (TPH)	Data obtained Date	Publishing Date
Licence Limit	10.0	50.0	-	-		
Units of Measure	mg/L	mg/L	mg/L	mg/L		
Frequency as per EPL	Monthly	Monthly	Monthly	Monthly		
05/07/2022	<5	<5	4.6	<0.65	12/07/2022	13/07/2022
02/08/2022	<5	<5	5.3	<0.65	09/08/2022	11/08/2022
13/09/2022	<5	<5	5.7	<0.65	20/09/2022	27/09/2022
04/10/2022	<5	<5	4.4	<0.65	12/10/2022	21/10/2022
01/11/2022	<5	<5	6.3	<0.65	08/11/2022	21/11/2022
06/12/2022	<5	<5	6.0	<0.65	15/12/2022	22/12/2022
<b>2022 Average</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>6.1</b>	<b>&lt;0.65</b>		
03/01/2023	<5	<5	5.3	<0.65	16/01/2023	23/01/2023
07/02/2023	<5	<5	6.4	<0.65	16/02/2023	24/02/2023
22/03/2023	<5	<5	6.8	<0.65	30/03/2023	31/03/2023
24/04/2023	<5	<5	4.9	<0.65	09/05/2023	11/05/2023
02/05/2023	<5	9	19	<0.65	09/05/2023	11/05/2023
06/06/2023	<5	<5	4.9	<0.65	14/06/2023	19/06/2023
04/07/2023	<5	<5	4.8	<0.32	11/07/2023	20/07/2023
01/08/2023	<5	<5	5.8	<0.32	08/08/2023	22/08/2023
06/09/2023	<5	<5	3.5	<0.32	14/09/2023	22/09/2023
03/10/2023	<5	<5	4.4	<0.32	11/10/2023	20/10/2023
07/11/2023	<5	<5	4.4	<0.32	14/11/2023	20/11/2023
04/12/2023	<5	<5	5.2	<0.32	13/12/2023	19/12/2023

EPA ID No 1 – CPI South						
Pollutant	Oil and Grease	Biochemical Oxygen Demand (BOD)	Total Organic Carbon (TOC)	Total Petroleum Hydrocarbons (TPH)	Data obtained Date	Publishing Date
Licence Limit	10.0	50.0	-	-		
Units of Measure	mg/L	mg/L	mg/L	mg/L		
Frequency as per EPL	Monthly	Monthly	Monthly	Monthly		
<b>2023 Average</b>	<5	<5	6.3	<0.65		
02/01/2024	<5	<5	5.7	<0.32	11/01/2024	15/01/2024
06/02/2024	<5	<5	7.9	1.3	13/02/2024	21/02/2024
05/03/2024	<5	<5	4.8	<0.65	19/03/2024	21/03/2024
30/04/2024	<5	<5	7.6	0.61	07/05/2024	20/05/2024
07/05/2024	<5	<5	9.2	<0.32	14/05/2024	20/05/2024
03/06/2024	<5	<5	7.8	<0.32	12/06/2024	18/06/2024
02/07/2024	<5	<5	3.8	<0.32	09/07/2024	12/07/2024
06/08/2024	<5	<5	3.7	<0.32	13/08/2024	19/08/2024
03/09/2024	<5	<5	4.9	<0.32	10/09/2024	20/09/2024
01/10/2024	<5	<5	6.7	<0.32	09/10/2024	15/10/2024
05/11/2024	<5	5	9.7	0.74	12/11/2024	22/11/2024
03/12/2024	<5	6	9.2	1.5	10/12/2024	12/12/2024
<b>2024 Average</b>	<5	<5	6.8	0.47		

EPA ID No 2 – CPI North						
Pollutant	Oil and Grease	Biochemical Oxygen Demand (BOD)	Total Organic Carbon (TOC)	Total Petroleum Hydrocarbons (TPH)	Data obtained Date	Publishing Date
Licence Limit	10.0	50.0	-	-		
Units of Measure	mg/L	mg/L	mg/L	mg/L		
Frequency as per EPL	Monthly	Monthly	Monthly	Monthly		
04/01/2021	<5	<5	3.6	0.88	20/01/2021	21/01/2021
02/02/2021	<5	<5	9.6	<0.65	09/02/2021	15/02/2021
01/03/2021	<5	<5	4.2	<0.65	10/03/2021	23/03/2021
06/04/2021	<5	<5	11	<0.65	14/04/2021	15/04/2021
May 2021	No discharge				NA	23/06/2021
01/06/2021	<5	<5	8.1	<0.65	09/06/2021	23/06/2021
13/07/2021	<5	<5	4.7	<0.65	21/07/2021	22/07/2021
03/08/2021	<5	<5	10	<0.65	11/08/2021	19/08/2021
07/09/2021	<5	<5	6.3	1.2	14/09/2021	28/09/2021
05/10/2021	<5	<5	6.8	1.8	19/10/2021	21/10/2021
02/11/2021	<5	7	15	<0.65	09/11/2021	23/11/2021
07/12/2021	9	6	12	5.2	15/12/2021	16/12/2021
<b>2021 Average</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>8.3</b>	<b>1.03</b>		
04/01/2022	<5	<5	5.7	<0.65	12/01/2022	18/01/2022
03/02/2022	<5	<5	8.9	1.2	10/02/2022	16/02/2022
01/03/2022	<5	<5	4.5	<0.65	07/03/2022	07/03/2022
05/04/2022	<5	<5	4.1	<0.65	12/04/2022	13/04/2022
03/05/2022	<5	<5	4.2	<0.65	10/05/2022	31/05/2022
07/06/2022	<5	<5	4.7	<0.65	16/06/2022	29/06/2022

EPA ID No 2 – CPI North						
Pollutant	Oil and Grease	Biochemical Oxygen Demand (BOD)	Total Organic Carbon (TOC)	Total Petroleum Hydrocarbons (TPH)	Data obtained Date	Publishing Date
Licence Limit	10.0	50.0	-	-		
Units of Measure	mg/L	mg/L	mg/L	mg/L		
Frequency as per EPL	Monthly	Monthly	Monthly	Monthly		
05/07/2022	<5	<5	2.1	<0.65	12/07/2022	13/07/2022
02/08/2022	<5	<5	4.5	<0.65	09/08/2022	11/08/2022
13/09/2022	<5	18	16	<0.65	20/09/2022	27/09/2022
04/10/2022	<5	<5	6.6	<0.65	12/10/2022	21/10/2022
01/11/2022	<5	<5	5.3	<0.65	08/11/2022	21/11/2022
06/12/2022	<5	11	8.2	<0.65	15/12/2022	22/12/2022
<b>2022 Average</b>	<b>&lt;5</b>	<b>&lt;5</b>	<b>6.2</b>	<b>&lt;0.65</b>		
03/01/2023	<5	<5	5.4	<0.65	16/01/2023	23/01/2023
07/02/2023	<5	<5	2.0	<0.65	16/02/2023	24/02/2023
22/03/2023	<5	<5	11	4.0	30/03/2023	31/03/2023
24/04/2023	<5	12	6.4	<0.65	09/05/2023	11/05/2023
02/05/2023	<5	<5	20	<0.65	09/05/2023	11/05/2023
06/06/2023	<5	<5	20	0.81	14/06/2023	19/06/2023
04/07/2023	<5	<5	6.8	0.82	11/07/2023	20/07/2023
01/08/2023	<5	26	21	<0.32	08/08/2023	22/08/2023
06/09/2023	<5	<5	5.0	0.33	14/09/2023	22/09/2023
03/10/2023	<5	<5	5.8	0.83	11/10/2023	20/10/2023
07/11/2023	<5	<5	6.0	1.3	14/11/2023	20/11/2023
04/12/2023	<5	<5	4.2	<0.32	13/12/2023	19/12/2023

EPA ID No 2 – CPI North						
Pollutant	Oil and Grease	Biochemical Oxygen Demand (BOD)	Total Organic Carbon (TOC)	Total Petroleum Hydrocarbons (TPH)	Data obtained Date	Publishing Date
Licence Limit	10.0	50.0	-	-		
Units of Measure	mg/L	mg/L	mg/L	mg/L		
Frequency as per EPL	Monthly	Monthly	Monthly	Monthly		
<b>2023 Average</b>	<5	<5	9.5	0.81		
02/01/2024	<5	<5	5.4	0.83	11/01/2024	15/01/2024
06/02/2024	<5	<5	5.7	1.1	13/02/2024	21/02/2024
05/03/2024	<5	27	21	0.82	19/03/2024	21/03/2024
30/04/2024	<5	5	12	3.1	07/05/2024	20/05/2024
07/05/2024	<5	<5	3.5	2.1	14/05/2024	20/05/2024
03/06/2024	<5	<5	5.8	2.5	12/06/2024	18/06/2024
02/07/2024	<5	<5	7.7	1.5	09/07/2024	12/07/2024
06/08/2024	<5	<5	8.6	1.1	13/08/2024	19/08/2024
03/09/2024	<5	<5	6.0	1.3	10/09/2024	20/09/2024
01/10/2024	<5	<5	5.0	1.0	09/10/2024	15/10/2024
13/11/2024	<5	<5	8.2	0.43	20/11/2024	22/11/2024
03/12/2024	<5	<5	8.2	2.7	10/12/2024	12/12/2024
<b>2024 Average</b>	<5	<5	8.1	1.5		



<b>EPA ID No 4 – Flexible Discharge Point</b>					
<b>Pollutant</b>	<b>pH</b>	<b>Total Organic Carbon (TOC)</b>	<b>Total Suspended Solids (TSS)</b>	<b>Data obtained Date</b>	<b>Publishing Date</b>
<b>Licence Limit</b>	<b>6.0-9.0</b>	<b>100</b>	<b>50</b>		
<b>Units of Measure</b>	<b>pH</b>	<b>mg/L</b>	<b>mg/L</b>		
<b>Frequency as per EPL</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>		
January 2021		No discharge		NA	15/02/2021
February 2021		No discharge		NA	23/03/2021
March 2021		No discharge		NA	15/04/2021
April 2021		No discharge		NA	17/05/2021
May 2021		No discharge		NA	23/06/2021
June 2021		No discharge		NA	22/07/2021
July 2021		No discharge		NA	19/08/2021
August 2021		No discharge		NA	28/09/2021
September 2021		No discharge		NA	21/10/2021
October 2021		No discharge		NA	23/11/2021
November 2021		No discharge		NA	13/12/2021
December 2021		No discharge		NA	18/01/2022
January 2022		No discharge		NA	16/02/2022
February 2022		No discharge		NA	07/03/2022
March 2022		No discharge		NA	13/04/2022
April 2022		No discharge		NA	31/05/2022
May 2022		No discharge		NA	29/06/2022
June 2022		No discharge		NA	13/07/2022
July 2022		No discharge		NA	11/08/2022

EPA ID No 4 – Flexible Discharge Point					
Pollutant	pH	Total Organic Carbon (TOC)	Total Suspended Solids (TSS)	Data obtained Date	Publishing Date
Licence Limit	6.0-9.0	100	50		
Units of Measure	pH	mg/L	mg/L		
Frequency as per EPL	<24 hrs prior to discharge	<24 hrs prior to discharge	<24 hrs prior to discharge		
August 2022	No discharge			NA	27/09/2022
September 2022	No discharge			NA	21/10/2022
October 2022	No discharge			NA	21/11/2022
November 2022	No discharge			NA	22/12/2022
December 2022	No discharge			NA	23/01/2023
January 2023	No discharge			NA	24/02/2023
February 2023	No discharge			NA	31/03/2023
March 2023	No discharge			NA	11/05/2023
April 2023	No discharge			NA	11/05/2023
May 2023	No discharge			NA	19/06/2023
June 2023	No discharge			NA	20/07/2023
July 2023	No discharge			NA	22/08/2023
August 2023	No discharge			NA	22/09/2023
September 2023	No discharge			NA	20/10/2023
October 2023	No discharge			NA	20/11/2023
7 November 2023 (Top)	7.5	1.4	5	08/11/2023	04/12/2023
7 November 2023 (Bottom)	7.5	1.2	11	08/11/2023	04/12/2023
December 2023	No discharge			NA	15/01/2024
January 2024	No discharge			NA	21/02/2024

<b>EPA ID No 4 – Flexible Discharge Point</b>					
<b>Pollutant</b>	<b>pH</b>	<b>Total Organic Carbon (TOC)</b>	<b>Total Suspended Solids (TSS)</b>	<b>Data obtained Date</b>	<b>Publishing Date</b>
<b>Licence Limit</b>	<b>6.0-9.0</b>	<b>100</b>	<b>50</b>		
<b>Units of Measure</b>	<b>pH</b>	<b>mg/L</b>	<b>mg/L</b>		
<b>Frequency as per EPL</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>		
February 2024	No discharge			NA	21/03/2024
March 2024	No discharge			NA	20/05/2024
April 2024	No discharge			NA	20/05/2024
May 2024	No discharge			NA	18/06/2024
June 2024	No discharge			NA	12/07/2024
July 2024	No discharge			NA	19/08/2024
August 2024	No discharge			NA	20/09/2024
September 2024	No discharge			NA	15/10/2024
October 2024	No discharge			NA	22/11/2024
November 2024	No discharge			NA	12/12/2024

<b>EPA ID No 5 – Flexible Discharge Point</b>					
<b>Pollutant</b>	<b>pH</b>	<b>Total Organic Carbon (TOC)</b>	<b>Total Suspended Solids (TSS)</b>	<b>Data obtained Date</b>	<b>Publishing Date</b>
<b>Licence Limit</b>	<b>6.0-9.0</b>	<b>100</b>	<b>50</b>		
<b>Units of Measure</b>	<b>pH</b>	<b>mg/L</b>	<b>mg/L</b>		
<b>Frequency as per EPL</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>		
January 2021		No discharge		NA	15/02/2021
February 2021		No discharge		NA	23/03/2021
March 2021		No discharge		NA	15/04/2021
April 2021		No discharge		NA	17/05/2021
May 2021		No discharge		NA	23/06/2021
June 2021		No discharge		NA	22/07/2021
July 2021		No discharge		NA	19/08/2021
August 2021		No discharge		NA	28/09/2021
September 2021		No discharge		NA	21/10/2021
October 2021		No discharge		NA	23/11/2021
November 2021		No discharge		NA	13/12/2021
December 2021		No discharge		NA	18/01/2022
January 2022		No discharge		NA	16/02/2022
February 2022		No discharge		NA	07/03/2022
March 2022		No discharge		NA	13/04/2022
April 2022		No discharge		NA	31/05/2022
May 2022		No discharge		NA	29/06/2022
June 2022		No discharge		NA	13/07/2022
July 2022		No discharge		NA	11/08/2022

EPA ID No 5 – Flexible Discharge Point					
Pollutant	pH	Total Organic Carbon (TOC)	Total Suspended Solids (TSS)	Data obtained Date	Publishing Date
Licence Limit	6.0-9.0	100	50		
Units of Measure	pH	mg/L	mg/L		
Frequency as per EPL	<24 hrs prior to discharge	<24 hrs prior to discharge	<24 hrs prior to discharge		
August 2022		No discharge		NA	27/09/2022
September 2022		No discharge		NA	21/10/2022
October 2022		No discharge		NA	21/11/2022
November 2022		No discharge		NA	22/12/2022
December 2022		No discharge		NA	23/01/2023
January 2023		No discharge		NA	24/02/2023
February 2023		No discharge		NA	31/03/2023
March 2023		No discharge		NA	11/05/2023
April 2023		No discharge		NA	11/05/2023
May 2023		No discharge		NA	19/06/2023
June 2023		No discharge		NA	20/07/2023
July 2023		No discharge		NA	22/08/2023
August 2023		No discharge		NA	22/09/2023
September 2023		No discharge		NA	20/10/2023
October 2023		No discharge		NA	20/11/2023
November 2023		No discharge		NA	04/12/2023
December 2023		No discharge		NA	15/01/2024
January 2024		No discharge		NA	21/02/2024
February 2024		No discharge		NA	21/03/2024

<b>EPA ID No 5 – Flexible Discharge Point</b>					
<b>Pollutant</b>	<b>pH</b>	<b>Total Organic Carbon (TOC)</b>	<b>Total Suspended Solids (TSS)</b>	<b>Data obtained Date</b>	<b>Publishing Date</b>
<b>Licence Limit</b>	<b>6.0-9.0</b>	<b>100</b>	<b>50</b>		
<b>Units of Measure</b>	<b>pH</b>	<b>mg/L</b>	<b>mg/L</b>		
<b>Frequency as per EPL</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>	<b>&lt;24 hrs prior to discharge</b>		
March 2024	No discharge			NA	20/05/2024
April 2024	No discharge			NA	20/05/2024
May 2024	No discharge			NA	18/06/2024
June 2024	No discharge			NA	12/07/2024
July 2024	No discharge			NA	19/08/2024
August 2024	No discharge			NA	20/09/2024
September 2024	No discharge			NA	15/10/2024
October 2024	No discharge			NA	22/11/2024
November 2024	No discharge			NA	12/12/2024

Correction Log – EPL No. 661						
Sample Point	Sample Date and Time	Original Data	Corrected Data	Date Corrected	Date originally published	Reason