



Monthly summary monitoring data

Licence Details: Ampol Refineries (NSW) Pty Ltd, 2 Solander St, Kurnell, NSW, 2231, EPL # 837

		EPA Point	Point 27, Yena Gap Effluent, Normal Operating Conditions											
		Pollutant	Temperature	pH	Volumetric Flowrate	Oil and Grease	Phenols	Sulfide (un-ionised hydrogen sulfide)	Nitrogen (ammonia)	Total Suspended Solids	Biochemical Oxygen Demand			
		Licence Limit (100%tile)	40	6.0 - 9.0	None		2.7	None	7.5	50	30			
		Licence Limit (90%tile)		6.5 - 8.5		10								
		Licence Limit (50%tile)					0.3			35	20			
		Unit of Measure	°C		kl/day	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l			
		Monitoring Frequency Required by Licence	Continuous	Continuous	Continuous	Once during any discharge	Once during any discharge	Once during any discharge	Once during any discharge	Once during any discharge	Once during any discharge			
Reporting Period	Month	Averaging Period	1 Hour Block	6 Minute Rolling	1 Day Block	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2022 - 2023 May	2-May 31-May 2022	No. Samples Collected	720	43200	30	4	4	4	4	4	4	8-Jun-22	No Missing Data	15-Jun-22
		Lowest	16.7	6.5	0	<5	<0.05	<0.1	<0.01	5	<2			
		Highest	22.0	7.1	8646	<5	<0.05	<0.1	0.03	11	3			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Jun	1-Jun 30-Jun 2022	No. Samples Collected	720	43200	30	5	5	5	5	5	5	13-Jul-22	No Missing Data	15-Jul-22
		Lowest	14.3	6.6	0	<5	<0.05	<0.1	<0.01	8	<2			
		Highest	16.1	7.1	6535	<5	<0.05	<0.1	0.02	15	5			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Jul	1-Jul 31-Jul 2022	No. Samples Collected	744	44640	31	4	4	4	4	4	4	4-Aug-22	No Missing Data	15-Aug-22
		Lowest	13.6	6.5	0	<5	<0.05	<0.1	<0.01	8	<2			
		Highest	16.5	7.1	10219	<5	<0.05	<0.1	<0.01	10	6			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Aug	1-Aug 31-Aug 2022	No. Samples Collected	744	44640	31	4	4	4	4	4	4	5-Sep-22	No Missing Data	16-Sep-22
		Lowest	15.5	6.8	0	<5	<0.05	<0.1	<0.01	2	3			
		Highest	17.0	7.3	7424	<5	<0.05	<0.1	<0.01	11	11			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Sep	1-Sep 30-Sep 2022	No. Samples Collected	720	43200	30	5	5	5	5	5	5	12-Oct-22	No Missing Data	17-Oct-22
		Lowest	16.3	6.7	0	<5	<0.05	<0.1	<0.01	4	<2			
		Highest	19.6	7.1	5879	<5	<0.05	<0.1	0.06	17	9			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Oct	1-Oct 31-Oct 2022	No. Samples Collected	744	44640	31	5	5	5	5	5	5	7-Nov-22	No Missing Data	18-Nov-22
		Lowest	16.8	6.5	0	<5	<0.05	<0.1	<0.01	2	<2			
		Highest	22.2	7.2	9798	<5	0	<0.1	0.02	9	5			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Nov	1-Nov 30-Nov 2022	No. Samples Collected	720	43200	30	5	5	5	5	5	5	6-Dec-22	No Missing Data	17-Dec-22
		Lowest	20.8	7.1	0	<5	<0.05	<0.1	<0.01	2	<2			
		Highest	23.5	7.4	6113	<5	<0.05	<0.1	0.05	5	2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Dec	1-Dec 31-Dec 2022	No. Samples Collected	744	44640	31	3	3	3	3	3	3	10-Jan-23	No Missing Data	20-Jan-23
		Lowest	20.4	7.0	0	<5	<0.05	<0.1	<0.01	4	<2			
		Highest	24.8	7.3	6045	<5	<0.05	<0.1	0.50	5	2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Jan	1-Jan 31-Jan 2023	No. Samples Collected	744	44640	31	4	4	4	4	4	4	31-Jan-23	No Missing Data	17-Feb-23
		Lowest	22.1	6.8	0	<5	<0.05	<0.1	<0.01	4	<2			
		Highest	25.7	7.3	6309	8	<0.05	<0.1	0.08	6	20			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Feb	1-Feb 28-Feb 2023	No. Samples Collected	672	40320	28	5	5	5	5	5	5	7-Mar-23	No Missing Data	17-Mar-23
		Lowest	22.8	6.7	0	<5	<0.05	<0.1	<0.01	1	<2			
		Highest	27.1	7.2	27389	<5	<0.05	<0.1	0.01	7	<2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Mar	1-Mar 31-Mar 2023	No. Samples Collected	744	44640	31	5	5	5	5	5	5	5-Apr-23	No Missing Data	14-Apr-23
		Lowest	24.5	6.9	0	<5	<0.05	<0.1	<0.01	3	<2			
		Highest	26.5	7.3	6177	<5	<0.05	<0.1	0.04	19	<2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2022 - 2023 Apr	1-Apr 1-May 2023	No. Samples Collected	720	43200	30	5	5	5	5	5	5	2-May-23	No Missing Data	17-May-23
		Lowest	20	6.7	0	<5	<0.05	<0.1	<0.01	<1	<2			
		Highest	23	7.2	7978	<5	<0.05	<0.1	0.06	8	2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			

Ampol Refineries (NSW) has prepared this information in good faith exercising all due care and attention, but no representation or warranty, express or implied is made as to the relevance, accuracy, completeness or fitness for purpose of this information in respect of any particular user's circumstances. Provision of this information does not constitute an opinion or interpretation by Ampol of the information and users of this information should satisfy themselves concerning its application to, and where necessary seek expert advice in respect of, their



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Licence Details: Ampol Refineries (NSW) Pty Ltd, 2 Solander St, Kurnell, NSW, 2231, EPL # 837

		EPA Point	Point 27, Yena Gap Effluent, Wet Weather By-Pass Conditions						
		Pollutant	Oil and Grease (Wet)	Phenols (Wet)	Total Suspended Solids (Wet)	Biochemical oxygen demand (Wet)			
		Licence Limit (100%tile)	70	5	100	350			
		Licence Limit (90%tile)							
		Licence Limit (50%tile)							
		Unit of Measure	mg/l	mg/l	mg/l	mg/l			
		Monitoring Frequency Required by Licence	Daily only during any discharge under bypass conditions of the biotreater wastewater treatment plant						
Reporting Period	Month	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2022 - 2023 May	2-May 31-May 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	15-Jun-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Jun	1-Jun 30-Jun 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	15-Jul-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Jul	1-Jul 31-Jul 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	15-Aug-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Aug	1-Aug 31-Aug 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	16-Sep-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Sep	1-Sep 30-Sep 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	17-Oct-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Oct	1-Oct 31-Oct 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	18-Nov-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Nov	1-Nov 30-Nov 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	17-Dec-22
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Dec	1-Dec 31-Dec 2022	No. Samples Collected	0	0	0	0	N/A	No Missing Data	20-Jan-23
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Jan	1-Jan 31-Jan 2023	No. Samples Collected	0	0	0	0	N/A	No Missing Data	17-Feb-23
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Feb	1-Feb 28-Feb 2023	No. Samples Collected	2	2	2	2	7-Mar-23	No Missing Data	17-Mar-23
		Lowest	<5	<0.05	6	17			
		Highest	<5	<0.05	9	20			
		Exceedance (yes/no)	No	No	No	No			
2022 - 2023 Mar	1-Mar 31-Mar 2023	No. Samples Collected	0	0	0	0	N/A	No Missing Data	14-Apr-23
		Lowest							
		Highest							
		Exceedance (yes/no)							
2022 - 2023 Apr	1-Apr 1-May 2023	No. Samples Collected	0	0	0	0	N/A	No Missing Data	17-May-23
		Lowest							
		Highest							
		Exceedance (yes/no)							

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		EPA Point	Point 27, Yena Gap Effluent, Normal Operating Conditions												
		Pollutant	Arsenic	Ethyl Benzene	Lead	Naphthalene	Nickel	Phenanthrene	Benzene	Toluene	Polycyclic Aromatic Hydrocarbons	2,4-Dimethyl-phenol			
		Licence Limit (100%tile)	0.07	None	0.025	None	0.03	None	None	None	0.5	None			
		Licence Limit (90%tile)									0.03				
		Licence Limit (50%tile)													
		Unit of Measure	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l			
		Monitoring Frequency Required by Licence	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly			
Reporting Period	Month	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2022 - 2023 May	2-May 31-May 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	8-Jun-22	No Missing Data	15-Jun-22
		Lowest	0.001	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	0.004	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	0.004	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Jun	1-Jun 30-Jun 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	13-Jul-22	No Missing Data	15-Jul-22
		Lowest	0.001	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Jul	1-Jul 31-Jul 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	4-Aug-22	No Missing Data	15-Aug-22
		Lowest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Aug	1-Aug 31-Aug 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	5-Sep-22	No Missing Data	16-Sep-22
		Lowest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Sep	1-Sep 30-Sep 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	12-Oct-22	No Missing Data	17-Oct-22
		Lowest	0.001	<0.002	<0.001	<0.0005	<0.001	<0.0005	<0.001	<0.002	<0.0005	<0.0005			
		Highest	0.001	<0.002	<0.001	<0.0005	<0.001	<0.0005	<0.001	<0.002	<0.0005	<0.0005			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Oct	1-Oct 31-Oct 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	7-Nov-22	No Missing Data	18-Nov-22
		Lowest	0.001	<0.002	<0.001	<0.0005	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0005	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Nov	1-Nov 30-Nov 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	6-Dec-22	No Missing Data	17-Dec-22
		Lowest	0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Dec	1-Dec 31-Dec 2022	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	10-Jan-23	No Missing Data	20-Jan-23
		Lowest	0.002	<0.002	<0.001	<0.0005	<0.001	<0.0005	<0.001	<0.002	<0.0002	<0.0005			
		Highest	0.002	<0.002	<0.001	<0.0005	<0.001	<0.0005	<0.001	<0.002	<0.0002	<0.0005			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Jan	1-Jan 31-Jan 2023	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	31-Jan-23	No Missing Data	17-Feb-23
		Lowest	0.002	<0.002	<0.001	<0.0005	<0.001	<0.0005	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.002	<0.002	<0.001	<0.0005	<0.001	<0.0005	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Feb	1-Feb 28-Feb 2023	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	7-Mar-23	No Missing Data	17-Mar-23
		Lowest	0.002	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.002	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Mar	1-Mar 31-Mar 2023	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	5-Apr-23	No Missing Data	14-Apr-23
		Lowest	0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2022 - 2023 Apr	1-Apr 1-May 2023	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	2-May-23	No Missing Data	17-May-23
		Lowest	0.002	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.002	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			

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