



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
2025 - 2026 May	2-May 31-May 2025	No. Samples Collected	744	44640	31							11-Jun-25	No Missing Data	16-Jun-25
		Lowest	18.3	6.5	0									
		Highest	22.3	8.1	11862									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Jun	1-Jun 30-Jun 2025	No. Samples Collected	720	43200	30							8-Jul-25	No Missing Data	15-Jul-25
		Lowest	16.4	6.6	0									
		Highest	19.0	7.6	6724									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Jul	1-Jul 31-Jul 2025	No. Samples Collected	744	44640	31							6-Aug-25	No Missing Data	15-Aug-25
		Lowest	14.8	6.5	0									
		Highest	16.4	7.4	11249									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Aug	1-Aug 31-Aug 2025	No. Samples Collected	744	44640	31							9-Sep-25	No Missing Data	15-Sep-25
		Lowest	13.7	6.5										
		Highest	17.0	7.5	11764									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Sep	1-Sep 30-Sep 2025	No. Samples Collected	720	43200	30							7-Oct-25	No Missing Data	15-Oct-25
		Lowest	15.1	6.6	0									
		Highest	20.4	7.4	11984									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Oct	1-Oct 31-Oct 2025	No. Samples Collected	744	44640	31							10-Nov-25	No Missing Data	15-Nov-25
		Lowest	20.3	6.5	0									
		Highest	23.1	8.0	8038									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Nov	1-Nov 30-Nov 2025	No. Samples Collected	720	43200	30							8-Dec-25	No Missing Data	15-Dec-25
		Lowest	21.1	6.6	0									
		Highest	23.6	8.1	7738									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A				
2025 - 2026 Dec	1-Dec 31-Dec 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2025 - 2026 Jan	1-Jan 31-Jan 2026	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2025 - 2026 Feb	1-Feb 29-Feb 2026	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2025 - 2026 Mar	1-Mar 31-Mar 2026	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2025 - 2026 Apr	1-Apr 1-May 2026	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												

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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
2025 - 2026 May	2-May 31-May 2025	No. Samples Collected	20	20	20	20	11-Jun-25	No Missing Data	16-Jun-25
		Lowest	<5	<0.05	1	8			
		Highest	22	0.31	23	69			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Jun	1-Jun 30-Jun 2025	No. Samples Collected	14	14	14	14	8-Jul-25	No Missing Data	15-Jul-25
		Lowest	<5	0.11	3	6			
		Highest	<5	0.47	11	33			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Jul	1-Jul 31-Jul 2025	No. Samples Collected	12	12	12	12	6-Aug-25	No Missing Data	15-Aug-25
		Lowest	<5	0.11	3	8			
		Highest	<5	0.22	9	19			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Aug	1-Aug 31-Aug 2025	No. Samples Collected	28	28	28	28	9-Sep-25	No Missing Data	15-Sep-25
		Lowest	<5	0.06	<1	5			
		Highest	22	0.20	16	92			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Sep	1-Sep 30-Sep 2025	No. Samples Collected	20	20	20	20	7-Oct-25	No Missing Data	15-Oct-25
		Lowest	<5	0.09	<1	5			
		Highest	<5	0.29	20	21			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Oct	1-Oct 31-Oct 2025	No. Samples Collected	14	14	14	14	10-Nov-25	No Missing Data	15-Nov-25
		Lowest	<5	0.12	5	6			
		Highest	<5	0.54	11	32			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Nov	1-Nov 30-Nov 2025	No. Samples Collected	10	10	10	10	8-Dec-25	No Missing Data	15-Dec-25
		Lowest	<5	0.14	4	11			
		Highest	<5	0.23	18	26			
		Exceedance (yes/no)	No	No	No	No			
2025 - 2026 Dec	1-Dec 31-Dec 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2025 - 2026 Jan	1-Jan 31-Jan 2026	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2025 - 2026 Feb	1-Feb 29-Feb 2026	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2025 - 2026 Mar	1-Mar 31-Mar 2026	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2025 - 2026 Apr	1-Apr 1-May 2026	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							

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		EPA Point	Point 27, Yena Gap Effluent, Normal Operating Conditions												
		Pollutant	Arsenic	Ethyl Benzene	Lead	Napthalene	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)													
		Licence Limit (50%tile)									0.03				
		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
2025 - 2026 May	2-May 31-May 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	11-Jun-25	No Missing Data	16-Jun-25
		Lowest	0.001	<0.002	<0.001	<0.0048	0.001	<0.0048	0.106	0.199	<0.0024	0.0143			
		Highest	0.001	<0.002	<0.001	<0.0048	0.001	<0.0048	0.106	0.199	<0.0024	0.0143			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Jun	1-Jun 30-Jun 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	8-Jul-25	No Missing Data	15-Jul-25
		Lowest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	0.064	0.134	<0.0002	0.0218			
		Highest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	0.064	0.134	<0.0002	0.0218			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Jul	1-Jul 31-Jul 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	6-Aug-25	No Missing Data	15-Aug-25
		Lowest	<0.001	0.058	<0.001	0.0068	<0.001	<0.001	0.258	1.180	0.0068	0.0078			
		Highest	<0.001	0.058	<0.001	0.0068	<0.001	<0.001	0.258	1.180	0.0068	0.0078			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Aug	1-Aug 31-Aug 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	9-Sep-25	No Missing Data	15-Sep-25
		Lowest	<0.001	0.247	0.001	0.0190	0.003	<0.0002	0.650	2.760	0.0190	0.009			
		Highest	<0.001	0.247	0.001	0.0190	0.003	<0.0002	0.650	2.760	0.0190	0.009			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Sep	1-Sep 30-Sep 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	7-Oct-25	No Missing Data	15-Oct-25
		Lowest	<0.001	0.044	<0.001	0.0184	<0.001	<0.005	0.333	0.929	0.0184	0.0157			
		Highest	<0.001	0.044	<0.001	0.0184	<0.001	<0.005	0.333	0.929	0.0184	0.0157			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Oct	1-Oct 31-Oct 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	10-Nov-25	No Missing Data	15-Nov-25
		Lowest	0.001	<0.005	<0.001	0.0038	<0.001	<0.0002	0.136	0.367	0.0038	0.0183			
		Highest	0.001	<0.005	<0.001	0.0038	<0.001	<0.0002	0.136	0.367	0.0038	0.0183			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Nov	1-Nov 30-Nov 2025	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	8-Dec-25	No Missing Data	15-Dec-25
		Lowest	0.001	<0.005	<0.001	0.0011	0.001	<0.0002	0.913	0.965	0.0011	0.0078			
		Highest	0.001	<0.005	<0.001	0.0011	0.001	<0.0002	0.913	0.965	0.0011	0.0078			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2025 - 2026 Dec	1-Dec 31-Dec 2025	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2025 - 2026 Jan	1-Jan 31-Jan 2026	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2025 - 2026 Feb	1-Feb 29-Feb 2026	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2025 - 2026 Mar	1-Mar 31-Mar 2026	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2025 - 2026 Apr	1-Apr 1-May 2026	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													

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