



**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										Date Last Data were Obtained	Reason for Missing Data	Publishing Date
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	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			
2024 - 2025 May	2-May 31-May 2024	No. Samples Collected	744	44640	31							12-Jun-24	No Missing Data	15-Jun-24
		Lowest	16.5	6.5	0									
		Highest	21.3	8.5	9824									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Jun	1-Jun 30-Jun 2024	No. Samples Collected	720	43200	30							9-Jul-24	No Missing Data	15-Jul-24
		Lowest	13.2	6.5	0									
		Highest	18.3	8.5	9859									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Jul	1-Jul 31-Jul 2024	No. Samples Collected	744	44640	31							6-Aug-24	No Missing Data	15-Aug-24
		Lowest	15.1	6.5	0									
		Highest	16.9	8.3	11489									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Aug	1-Aug 31-Aug 2024	No. Samples Collected	744	44640	31							5-Sep-24	No Missing Data	15-Sep-24
		Lowest	16.0	6.5	0									
		Highest	18.7	7.0	11476									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Sep	1-Sep 30-Sep 2024	No. Samples Collected	720	43200	30							8-Oct-24	No Missing Data	15-Oct-24
		Lowest	19.2	6.7	0									
		Highest	21.3	7.8	10531									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Oct	1-Oct 31-Oct 2024	No. Samples Collected	744	44640	31							5-Nov-24	No Missing Data	15-Nov-24
		Lowest	20.3	6.5	0									
		Highest	22.0	7.2	10798									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Nov	1-Nov 30-Nov 2024	No. Samples Collected	720	43200	30							9-Dec-24	No Missing Data	15-Dec-24
		Lowest	22.8	6.5	0									
		Highest	25.1	7.3	9449									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Dec	1-Dec 31-Dec 2024	No. Samples Collected	744	44640	31							3-Jan-25	No Missing Data	15-Jan-25
		Lowest	23.5	6.5	0									
		Highest	23.5	7.6	9578									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Jan	1-Jan 31-Jan 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Feb	1-Feb 29-Feb 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Mar	1-Mar 31-Mar 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Apr	1-Apr 1-May 2025	No. Samples Collected			0									
		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
2024 - 2025 May	2-May 31-May 2024	No. Samples Collected	21	21	21	21	N/A	No Missing Data	15-Jun-24
		Lowest	<5	0.08	4	8			
		Highest	12	0.45	20	114			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Jun	1-Jun 30-Jun 2024	No. Samples Collected	28	28	28	27	9-Jul-24	No Missing Data	15-Jul-24
		Lowest	<5	<0.05	1	3			
		Highest	<10	0.31	17	59			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Jul	1-Jul 31-Jul 2024	No. Samples Collected	21	21	21	21	6-Aug-24	No Missing Data	15-Aug-24
		Lowest	<5	<0.05	4	3			
		Highest	16	0.45	10	30			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Aug	1-Aug 31-Aug 2024	No. Samples Collected	18	18	18	18	5-Sep-24	No Missing Data	15-Sep-24
		Lowest	<5	0.15	3	8			
		Highest	<5	0.29	10	24			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Sep	1-Sep 30-Sep 2024	No. Samples Collected	9	9	9	9	8-Oct-24	No Missing Data	15-Oct-24
		Lowest	<5	0.07	5	8			
		Highest	<5	0.15	34	74			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Oct	1-Oct 31-Oct 2024	No. Samples Collected	9	9	9	9	5-Nov-24	No Missing Data	15-Nov-24
		Lowest	<5	<0.05	6	17			
		Highest	<5	0.56	15	34			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Nov	1-Nov 30-Nov 2024	No. Samples Collected	8	8	8	8	9-Dec-24	No Missing Data	15-Dec-24
		Lowest	<5	0.14	13	<5			
		Highest	<5	0.27	19	88			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Dec	1-Dec 31-Dec 2024	No. Samples Collected	8	8	8	8	3-Jan-25	No Missing Data	15-Jan-25
		Lowest	<5	0.16	8	16			
		Highest	<5	0.29	16	36			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Jan	1-Jan 31-Jan 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Feb	1-Feb 29-Feb 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Mar	1-Mar 31-Mar 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Apr	1-Apr 1-May 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							

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EPA Point		Point 27, Yena Gap Effluent, Normal Operating Conditions											Date Last Data were Obtained	Reason for Missing Data	Publishing Date
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			
		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)													
		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			
2024 - 2025	2-May	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	31-May	Lowest	0.001	<0.005	<0.001	0.0129	0.002	0.0007	0.056	0.073	0.0136	0.0212	12-Jun-24	No Missing Data	15-Jun-24
	2024	Highest	0.001	<0.005	<0.001	0.0129	0.002	0.0007	0.056	0.073	0.0136	0.0212			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Jun	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	30-Jun	Lowest	<0.001	<0.005	<0.001	0.0326	<0.001	<0.0048	<0.005	<0.005	0.0326	0.0498	9-Jul-24	No Missing Data	15-Jul-24
	2024	Highest	<0.001	<0.005	<0.001	0.0326	<0.001	<0.0048	<0.005	<0.005	0.0326	0.0498			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Jul	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	31-Jul	Lowest	<0.001	0.005	<0.001	0.0071	<0.001	<0.0048	0.0790	0.3460	0.0071	0.0131	6-Aug-24	No Missing Data	15-Aug-24
	2024	Highest	<0.001	0.005	<0.001	0.0071	<0.001	<0.0048	0.0790	0.3460	0.0071	0.0131			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Aug	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	31-Aug	Lowest	0.001	<0.005	<0.001	0.0057	<0.001	<0.0002	0.147	0.720	0.0057	0.008	5-Sep-24	No Missing Data	15-Sep-24
	2024	Highest	0.001	<0.005	<0.001	0.0057	<0.001	<0.0002	0.147	0.720	0.0057	0.008			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Sep	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	30-Sep	Lowest	<0.001	<0.005	<0.001	0.0125	0.001	<0.0002	0.054	0.469	0.0125	0.0323	8-Oct-24	No Missing Data	15-Oct-24
	2024	Highest	<0.001	<0.005	<0.001	0.0125	0.001	<0.0002	0.054	0.469	0.0125	0.0323			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Oct	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	31-Oct	Lowest	0.001	<0.002	<0.001	<0.0002	<0.001	0.0002	<0.001	<0.002	<0.0002	<0.0002	5-Nov-24	No Missing Data	15-Nov-24
	2024	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			
2024 - 2025	1-Nov	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	30-Nov	Lowest	0.003	<0.002	<0.001	0	<0.001	<0.005	<0.001	<0.002	0.0086	0.0425	9-Dec-24	No Missing Data	15-Dec-24
	2024	Highest	0.003	<0.002	<0.001	0	<0.001	<0.005	<0.001	<0.002	0.0086	0.0425			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Dec	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
	31-Dec	Lowest	0.001	<0.005	<0.001	0.0160	<0.001	<0.005	0.057	0.170	0.0160	0.0933	3-Jan-25	No Missing Data	15-Jan-25
	2024	Highest	0.001	<0.005	<0.001	0.0160	<0.001	<0.005	0.057	0.170	0.0160	0.0933			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025	1-Jan	No. Samples Collected													
	31-Jan	Lowest													
	2025	Highest													
		Exceedance (yes/no)													
2024 - 2025	1-Feb	No. Samples Collected													
	29-Feb	Lowest													
	2025	Highest													
		Exceedance (yes/no)													
2024 - 2025	1-Mar	No. Samples Collected													
	31-Mar	Lowest													
	2025	Highest													
		Exceedance (yes/no)													
2024 - 2025	1-Apr	No. Samples Collected													
	1-May	Lowest													
	2025	Highest													
		Exceedance (yes/no)													

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