



AMPOL
Yearly 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	Publishing Date	
Pollutant	Temperature	pH	Volumetric Flowrate	Oil and Grease	Phenols	Sulfide (un-ionised hydrogen sulfide)	Nitrogen (ammonia)	Total Suspended Solids	Biochemical Oxygen Demand				
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				
Averaging Period	1 Hour Block	6 Minute Rolling	1 Day Block	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample				
Reporting Period													
2 May 2024 1 May 2025	No. Samples Collected	8760	525600	365	0	0	11	34	0	0	12-May-25	15-May-25	
	Licence Limit	40	6.0 - 9.0	None	None	2.7	None	7.5	50	30			
	100%tile	Lowest	13.2	6.5	0	N/A	N/A	<0.1	<0.01	N/A			N/A
	Mean	21.4	7.0	7420	N/A	N/A	<0.1	<0.01	N/A	N/A			
	Highest	27.6	8.5	11489	N/A	N/A	0.4	0.08	N/A	N/A			
	Exceedance (yes/no)	No	No	N/A	N/A	No	N/A	No	No	No			
	90%tile	Licence Limit	6.5 - 8.5		10								
	Lowest	N/A											
	Mean	N/A											
	Highest	N/A											
	Exceedance (yes/no)	No											
	50%tile	Licence Limit	0.3										
	Lowest	N/A											
	Mean	N/A											
	Highest	N/A											
	Exceedance (yes/no)	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)		
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	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date last data were obtained	Publishing Date
2 May 2024- 1 May 2025	No. Samples Collected	177	177	177	176	12-May-25	15-May-25
	Licence Limit	70	5	100	350		
	Lowest	<5	<0.05	<5	<5		
	Mean	<5	0.14	9	19		
	Highest	16	0.56	34	114		
	Exceedance (yes/no)	No	No	No	No		

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EPA Point		Point 27, Yena Gap Effluent, Normal Operating Conditions										Date last data were obtained	Publishing Date
Pollutant	Arsenic	Ethyl Benzene	Lead	Naphthalene	Nickel	Phenanthrene	Benzene	Toluene	Polycyclic Aromatic Hydrocarbons	2,4-Dimethylphenol			
Unit of Measure	mg/l	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	Monthly		
Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample		
Reporting Period	No. Samples Collected	12	12	12	12	12	12	12	12	12	12	12-May-25	15-May-25
2 May 2024-1 May 2025	Licence Limit	0.07	None	0.025	None	0.03	None	None	None	0.5	None		
	Lowest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002		
	Mean	0.001	<0.005	<0.001	0.0071	<0.001	<0.0048	<0.005	<0.005	0.0071	0.0140		
	Highest	0.003	0.005	<0.001	0.0326	0.002	0.0007	0.147	0.720	0.0326	0.0933		
	Exceedance (yes/no)	No	N/A	No	N/A	No	N/A	N/A	N/A	No	N/A		
	Licence Limit									0.03			
	Lowest									<0.0002			
	Mean									<0.0024			
	Highest									0.0057			
	Exceedance (yes/no)									No			

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