



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)	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 2021-1 May 2022	No. Samples Collected		8760	525600	365	45	45	45	45	45	45	4-May-22		16-May-22	
	100%tile	Licence Limit	40	6.0 - 9.0	None	None	2.7	None	7.5	50	30				
		Lowest	18.0	6.5	0	<5	<0.05	<0.1	<0.01	2	<2				
		Mean	21.5	7.0	5523	<5	<0.05	<0.1	<0.01	6	<2				
		Highest	26.6	7.9	30156	7	<0.05	0.1	0.07	17	8				
		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		6.5		<5									
		Mean		7.0		<5									
		Highest		7.5		<5									
		Exceedance (yes/no)		No		No									
	50%tile	Licence Limit				0.3				35	20				
		Lowest				<0.05				2	<2				
		Mean				<0.05				4	<2				
		Highest				<0.05				6	<2				
		Exceedance (yes/no)				No				No	No				

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EPA Point		Point 27, Yena Gap Effluent, Wet Weather By-Pass Conditions				Date last data were obtained	Publishing Date
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					
Averaging Period		Grab Sample	Grab Sample	Grab Sample	Grab Sample		
Reporting Period 2 May 2021-1 May 2022	No. Samples Collected	6	6	6	6	4-May-22	16-May-22
	Licence Limit	70	5	100	350		
	Lowest	<5	<0.05	9	<2		
	Mean	<5	<0.05	14	6		
	Highest	5	0.05	29	8		
	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		
Monitoring Frequency Required by Licence		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		
Reporting Period	No. Samples Collected	12	12	12	12	12	12	12	12	12	12	4-May-22	16-May-22
2 May 2021-1 May 2022	100%tile	Licence Limit	0.07	None	0.025	None	0.03	None	None	None	0.5		
		Lowest	<0.001	<0.002	<0.001	<0.0002	<0.001	<0.0002	<0.001	<0.002	<0.0002		
		Mean	0.001	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002		
		Highest	0.002	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002		
		Exceedance (yes/no)	No	N/A	No	N/A	No	N/A	N/A	N/A	No		
	50%tile	Licence Limit									0.03		
		Lowest									<0.0002		
		Mean									<0.0002		
		Highest									<0.0002		
		Exceedance (yes/no)									No		

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