



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 2020-1 May 2021	No. Samples Collected	8784	527040	366	43	43	43	43	43			
	Licence Limit	40	6.0 - 9.0	None	None	2.7	None	7.5	50	30		
	100%tile	Lowest	14.8	6.5	0	<5	<0.05	<0.1	<0.01	<1	<2	
		Mean	21.0	6.9	5045	<5	<0.05	<0.1	0.04	3	<2	
		Highest	31.1	7.4	9311	6	0.09	<0.2	0.91	21	11	
		Exceedance (yes/no)	No	No	N/A	N/A	No	N/A	No	N/A	N/A	
	90%tile	Licence Limit		6.5 - 8.5		10						
		Lowest		6.5		<5						
		Mean		6.9		<5						
		Highest		7.3		<5						
		Exceedance (yes/no)		No		No						
	50%tile	Licence Limit				0.3			35	20		
		Lowest				<0.05			<1	<2		
		Mean				<0.05			2	<2		
		Highest				<0.05			3	<2		
		Exceedance (yes/no)				No			No	No		

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Yearly summaring monitoring data

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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			
2 May 2020-1 May 2021	No. Samples Collected	0	0	0	0	7-May-21	17-May-21
	Licence Limit	70	5	100	350		
	Lowest	N/A	N/A	N/A	N/A		
	Mean	N/A	N/A	N/A	N/A		
	Highest	N/A	N/A	N/A	N/A		
	Exceedance (yes/no)	No	No	No	No		

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AMPOL
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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 2 May 2020-1 May 2021	No. Samples Collected	12	12	12	12	12	12	12	12	12	12	7-May-21	17-May-21
	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	0.002	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002		
	Highest	0.002	<0.002	<0.001	<0.0002	0.004	<0.0002	<0.001	<0.002	<0.0002	0.009		
	Exceedance (yes/no)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A		
	Licence Limit									0.03			
	Lowest									<0.0002			
	Mean									<0.0002			
	Highest									<0.0002			
	Exceedance (yes/no)									No			

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