



## Yearly summary monitoring data

**Licence Details:** Caltex 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)	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	6 Day	6 Day	6 Day	6 Day	6 Day	6 Day		
		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											Date last data were obtained	Publishing Date	
2 May 2016 - 1 May 2017	No. Samples Collected	8784	527040	366	43	43	43	43	43	43	4-May-17	24-May-17	
	Licence Limit	40	6.0 - 9.0	None	None	2.7	None	None	None	None			
	Lowest	15.4	6.5	0	<1	<0.05	<0.1	<0.01	<1	<2			
	Mean	21.7	7.0	5932	4	<0.05	<0.1	0.04	5	4			
	Highest	28.7	7.8	10433	8	<0.05	<0.1	0.34	20	7			
	Exceedance (yes/no)	No	No	N/A	N/A	No	N/A	N/A	N/A	N/A			
	Licence Limit		6.5 - 8.5		10			7.5	50	30			
	Lowest												<1
	Mean												<5
	Highest												<5
	Exceedance (yes/no)												No
	Licence Limit					0.3			35	20			
	Lowest												<0.05
	Mean												<0.05
	Highest												<0.05
	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	Daily	Daily	Daily		
Reporting Period	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date last data were obtained	Publishing Date
2 May 2016 - 1 May 2017	No. Samples Collected	0	0	0	0	4-May-17	24-May-17
	<b>Licence Limit</b>	<b>70</b>	<b>5</b>	<b>100</b>	<b>350</b>		
	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		
	<b>Exceedance (yes/no)</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>		

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Reporting Period	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	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample	24 Hour Composite Sample		
2 May 2016 - 1 May 2017	No. Samples Collected		12	12	12	12	12	12	12	12	12	4-May-17	24-May-17
	100%tile	Licence Limit	None	None	None	None	None	None	None	None	0.5		
		Lowest	0.002	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0002		
		Mean	0.005	<0.002	<0.001	<0.0002	0.004	<0.0002	<0.001	<0.002	<0.0002		
		Highest	0.011	<0.002	<0.001	0.0031	0.006	<0.0005	<0.001	<0.002	0.0031		
		Exceedance (yes/no)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No		
	50%tile	Licence Limit	0.07		0.025		0.03				0.03		
		Lowest	0.002		<0.001		0.002				<0.0002		
		Mean	0.003		<0.001		0.004				<0.0002		
		Highest	0.004		<0.001		0.004				<0.0002		
		Exceedance (yes/no)	No		No		No				No		

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