



**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									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	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 2 May 2019-1 May 2020	No. Samples Collected	8784	527040	366	43	43	43	43	43	7-May-20	15-May-20	
	<b>Licence Limit</b>	<b>40</b>	<b>6.0 - 9.0</b>	<b>None</b>	<b>None</b>	<b>2.7</b>	<b>None</b>	<b>None</b>	<b>None</b>			
	Lowest	15.1	6.4	0	<5	<0.05	<0.1	<0.01	<1			<2
	Mean	21.4	6.9	4896	<5	<0.05	<0.1	0.05	10			5
	Highest	28.9	7.5	13126	7	0.08	0.1	0.12	27			16
	<b>Exceedance (yes/no)</b>	<b>No</b>	<b>No</b>	<b>N/A</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>			<b>N/A</b>
	<b>Licence Limit</b>		<b>6.5 - 8.5</b>		<b>10</b>			<b>7.5</b>	<b>50</b>			<b>30</b>
	Lowest		6.5		<5			<0.01	<1			<2
	Mean		6.9		<5			0.04	8			3
	Highest		7.3		<5			0.10	18			6
	<b>Exceedance (yes/no)</b>		<b>No</b>		<b>No</b>			<b>No</b>	<b>No</b>			<b>No</b>
	<b>Licence Limit</b>					<b>0.3</b>			<b>35</b>			<b>20</b>
	Lowest					<0.05			<1			<2
	Mean					<0.05			4			2
	Highest					<0.05			7			2
	<b>Exceedance (yes/no)</b>					<b>No</b>			<b>No</b>			<b>No</b>

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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			
Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date last data were obtained	Publishing Date	
Reporting Period 2 May 2019-1 May 2020	No. Samples Collected	0	0	0	7-May-20	15-May-20	
	<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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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			
Reporting Period	Licence Limit		None		None		None	None	None	0.5	None		
	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 2019-1 May 2020	No. Samples Collected	12	12	12	12	12	12	12	12	12	12	7-May-20	15-May-20
	<b>Licence Limit</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>0.5</b>	<b>None</b>		
	Lowest	<0.001	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0001	<0.0002		
	Mean	0.003	<0.002	0.001	<0.0002	0.004	<0.0002	<0.001	<0.002	<0.0002	<0.0002		
	Highest	0.005	<0.002	0.002	<0.0002	0.005	<0.0005	0.002	<0.002	<0.0002	<0.002		
	<b>Exceedance (yes/no)</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>		
	<b>Licence Limit</b>	<b>0.07</b>		<b>0.025</b>		<b>0.03</b>				<b>0.03</b>			
	Lowest	<0.001		<0.001		0.002				<0.0001			
	Mean	0.002		<0.001		0.003				<0.0002			
	Highest	0.002		<0.001		0.003				<0.0002			
	<b>Exceedance (yes/no)</b>	<b>No</b>		<b>No</b>		<b>No</b>				<b>No</b>			

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