



Monthly summary monitoring data

Licence Details: Caltex Refineries (NSW) Pty Ltd, 2 Solander St, Kurnell, NSW, 2231, EPL # 837

		Point 27, Yena Gap Effluent, Normal Operating Conditions												
		EPA Point												
		Pollutant	Temperature	pH	Volumetric Flowrate	Oil and Grease	Phenols	Sulfide (un-ionised hydrogen sulfide)	Nitrogen (ammonia)	Total Suspended Solids	Biochemical Oxygen Demand			
		Licence Limit (100%tile)	40	6.0 - 9.0	None		2.7	None	7.5	50	30			
		Licence Limit (90%tile)		6.5 - 8.5		10				35	20			
		Licence Limit (50%tile)					0.3							
		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			
Reporting Period	Month	Averaging Period	1 Hour Block	6 Minute Rolling	1 Day Block	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2020 - 2021 May	2-May 31-May 2020	No. Samples Collected	720	43200	30	4	4	4	4	4	4	9-Jun-20	No Missing Data	16-Jun-20
		Lowest	17.0	6.6	0	<5	<0.05	<0.1	0.05	3	<2			
		Highest	21.9	7.1	7154	<5	<0.05	<0.1	0.18	12	4			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Jun	1-Jun 30-Jun 2020	No. Samples Collected	720	43200	30	3	4	3	3	3	3	6-Jul-20	No Missing Data	22-Jul-20
		Lowest	15.5	6.6	0	<5	<0.05	<0.1	0.02	3	2			
		Highest	17.6	6.9	6795	<5	<0.05	<0.1	0.04	21	8			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Jul	1-Jul 31-Jul 2020	No. Samples Collected	744	44640	31	4	4	4	4	4	4	7-Aug-20	No Missing Data	11-Aug-20
		Lowest	14.8	6.7	0	<5	<0.05	<0.1	0.01	5	3			
		Highest	16.5	7.2	6613	6	0.09	<0.2	0.77	16	11			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Aug	1-Aug 31-Aug 2020	No. Samples Collected	744	44640	31	3	3	3	3	3	3	1-Sep-20	No Missing Data	9-Sep-20
		Lowest	15	6.6	0	<5	<0.05	<0.1	0.02	<1	<2			
		Highest	17	7.3	6014	<5	<0.05	<0.1	0.04	2	3			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Sep	1-Sep 30-Sep 2020	No. Samples Collected	720	43200	30	4	4	4	4	4	4	9-Oct-20	No Missing Data	19-Oct-20
		Lowest	16	6.9	0	<5	<0.05	<0.1	0.05	2	<2			
		Highest	21	7.2	4761	<5	<0.05	<0.1	0.57	6	4			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Oct	1-Oct 31-Oct 2020	No. Samples Collected	744	44640	31	5	5	5	5	5	5	3-Nov-20	No Missing Data	12-Nov-20
		Lowest	20	7.1	0	<5	<0.05	<0.1	<0.01	3	<2			
		Highest	23	7.3	5356	<5	<0.05	<0.1	0.91	6	5			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Nov	1-Nov 30-Nov 2020	No. Samples Collected	720	43200	30	3	3	3	3	3	3	26-Nov-20	No Missing Data	11-Dec-20
		Lowest	20	7.0	0	<5	<0.05	<0.1	0.02	2	<2			
		Highest	24	7.2	5263	<5	<0.05	<0.1	0.04	7	2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Dec	1-Dec 31-Dec 2020	No. Samples Collected	744	44640	31	4	4	4	4	4	4	8-Jan-21	No Missing Data	15-Jan-21
		Lowest	27	7.0	0	<5	<0.05	<0.1	<0.01	2	<2			
		Highest	29	7.3	5620	<5	<0.05	<0.1	0.13	8	3			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Jan	1-Jan 31-Jan 2021	No. Samples Collected	744	44640	31	4	4	4	4	4	4	3-Feb-21	No Missing Data	11-Feb-21
		Lowest	27	7.2	0	<5	<0.05	<0.1	0.04	1	<2			
		Highest	31	7.3	6085	<5	<0.05	<0.1	0.14	3	3			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Feb	1-Feb 28-Feb 2021	No. Samples Collected	672	40320	28	4	4	4	4	4	4	11-Mar-21	No Missing Data	15-Mar-21
		Lowest	27	7.0	0	<5	<0.05	<0.1	<0.01	<1	<2			
		Highest	29	7.3	6230	<5	<0.05	<0.1	0.03	2	<2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Mar	1-Mar 31-Mar 2021	No. Samples Collected	744	44640	31	5	5	5	5	5	5	13-Apr-21	No Missing Data	16-Apr-21
		Lowest	24	6.5	0	<5	<0.05	<0.1	<0.01	<1	<2			
		Highest	29	7.4	9311	<5	<0.05	<0.1	0.05	4	<2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			
2020 - 2021 Apr	1-Apr 1-May 2021	No. Samples Collected	720	43200	30	4	4	4	4	4	4	7-May-21	No Missing Data	17-May-21
		Lowest	24	6.8	0	<5	<0.05	<0.1	0.01	2	<2			
		Highest	28	7.1	6383	<5	<0.05	<0.1	0.06	4	2			
		Exceedance (yes/no)	No	No	N/A	No	No	No	No	No	No			

Ampol Refineries (NSW) has prepared this information in good faith exercising all due care and attention, but no representation or warranty, express or implied is made as to the relevance, accuracy, completeness or fitness for purpose of this information in respect of any particular user's circumstances. Provision of this information does not constitute an opinion or interpretation by Ampol of the information and users of this information should satisfy themselves concerning its application to, and where necessary seek expert advice in respect of,



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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)				
Licence Limit (100%tile)		70	5	100	350				
Licence Limit (90%tile)									
Licence Limit (50%tile)									
Unit of Measure		mg/l	mg/l	mg/l	mg/l				
Monitoring Frequency Required by Licence		Daily	Daily	Daily	Daily				
Reporting Period	Month	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2020 - 2021 May	2-May 31-May 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	16-Jun-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Jun	1-Jun 30-Jun 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	22-Jul-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Jul	1-Jul 31-Jul 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	11-Aug-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Aug	1-Aug 31-Aug 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	9-Sep-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Sep	1-Sep 30-Sep 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	19-Oct-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Oct	1-Oct 31-Oct 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	12-Nov-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Nov	1-Nov 30-Nov 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	11-Dec-20
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Dec	1-Dec 31-Dec 2020	No. Samples Collected	0	0	0	0	N/A	No Missing Data	15-Jan-21
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Jan	1-Jan 31-Jan 2021	No. Samples Collected	0	0	0	0	N/A	No Missing Data	11-Feb-21
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Feb	1-Feb 28-Feb 2021	No. Samples Collected	0	0	0	0	N/A	No Missing Data	15-Mar-21
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Mar	1-Mar 31-Mar 2021	No. Samples Collected	0	0	0	0	N/A	No Missing Data	16-Apr-21
		Lowest							
		Highest							
		Exceedance (yes/no)							
2020 - 2021 Apr	1-Apr 1-May 2021	No. Samples Collected	0	0	0	0	N/A	No Missing Data	17-May-21
		Lowest							
		Highest							
		Exceedance (yes/no)							

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		EPA Point	Point 27, Yena Gap Effluent, Normal Operating Conditions												
		Pollutant	Arsenic	Ethyl Benzene	Lead	Naphthalene	Nickel	Phenanthrene	Benzene	Toluene	Polycyclic Aromatic Hydrocarbons	2,4-Dimethyl-phenol			
		Licence Limit (100%tile)	0.07	None	0.025	None	0.03	None	None	None	0.5	None			
		Licence Limit (90%tile)									0.03				
		Licence Limit (50%tile)													
		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			
Reporting Period	Month	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	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2020 - 2021 May	2-May 31-May 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	9-Jun-20	No Missing Data	16-Jun-20
		Lowest	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	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Jun	1-Jun 30-Jun 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	6-Jul-20	No Missing Data	22-Jul-20
		Lowest	0.001	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Jul	1-Jul 31-Jul 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	7-Aug-20	No Missing Data	11-Aug-20
		Lowest	0.002	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0002	0.0009			
		Highest	0.002	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0002	0.0009			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Aug	1-Aug 31-Aug 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	1-Sep-20	No Missing Data	9-Sep-20
		Lowest	<0.001	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	<0.001	<0.002	<0.001	<0.0002	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Sep	1-Sep 30-Sep 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	9-Oct-20	No Missing Data	19-Oct-20
		Lowest	0.002	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.002	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Oct	1-Oct 31-Oct 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	3-Nov-20	No Missing Data	12-Nov-20
		Lowest	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	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Nov	1-Nov 30-Nov 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	26-Nov-20	No Missing Data	11-Dec-20
		Lowest	0.002	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.002	<0.002	<0.001	<0.0002	0.003	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Dec	1-Dec 31-Dec 2020	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	8-Jan-21	No Missing Data	15-Jan-21
		Lowest	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	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Jan	1-Jan 31-Jan 2021	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	3-Feb-21	No Missing Data	11-Feb-21
		Lowest	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	0.002	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Feb	1-Feb 28-Feb 2021	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	11-Mar-21	No Missing Data	15-Mar-21
		Lowest	0.002	<0.002	<0.001	<0.0002	0.004	<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	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Mar	1-Mar 31-Mar 2021	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	13-Apr-21	No Missing Data	16-Apr-21
		Lowest	0.002	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.002	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2020 - 2021 Apr	1-Apr 1-May 2021	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	7-May-21	No Missing Data	17-May-21
		Lowest	0.001	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Highest	0.001	<0.002	<0.001	<0.0002	0.001	<0.0002	<0.001	<0.002	<0.0002	<0.0002			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			

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