Monthly 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											
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	Once during any discharge	Once during any discharge	Once during any discharge	Once during any discharge	Once during any discharge	Once during any discharge			
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
2024 - 2025 May	2-May 31-May 2024	No. Samples Collected	744	44640	31							12-Jun-24	No Missing Data	15-Jun-24
		Lowest	16.5	6.5	0									
		Highest	21.3	8.5	9824									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Jun	1-Jun 30-Jun 2024	No. Samples Collected	720	43200	30							9-Jul-24	No Missing Data	15-Jul-24
		Lowest	13.2	6.5	0									
		Highest	18.3	8.5	9859									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Jul	1-Jul 31-Jul 2024	No. Samples Collected	744	44640	31							6-Aug-24	No Missing Data	15-Aug-24
		Lowest	15.1	6.5	0									
		Highest	16.9	8.3	11489									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Aug	1-Aug 31-Aug 2024	No. Samples Collected	744	44640	31							5-Sep-24	No Missing Data	15-Sep-24
		Lowest	16.0	6.5	0									
		Highest	18.7	7.0	11476									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Sep	1-Sep 30-Sep 2024	No. Samples Collected	720	43200	30							8-Oct-24	No Missing Data	15-Oct-24
		Lowest	19.2	6.7	0									
		Highest	21.3	7.8	10531									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Oct	1-Oct 31-Oct 2024	No. Samples Collected	744	44640	31							5-Nov-24	No Missing Data	15-Nov-24
		Lowest	20.3	6.5	0									
		Highest	22.0	7.2	10798									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Nov	1-Nov 30-Nov 2024	No. Samples Collected	720	43200	30							9-Dec-24	No Missing Data	15-Dec-24
		Lowest	22.8	6.5										
		Highest	25.1	7.3	9449									
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
2024 - 2025 Dec	1-Dec 31-Dec 2024	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Jan	1-Jan 31-Jan 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Feb	1-Feb 29-Feb 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Mar	1-Mar 31-Mar 2025	No. Samples Collected												
		Lowest												
		Highest												
		Exceedance (yes/no)												
2024 - 2025 Apr	1-Apr 1-May 2025	No. Samples Collected												
		Lowest			0									
		Highest												
		Exceedance (yes/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)
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 only during any discharge under bypass conditions of the biotreater wastewater treatment plant			

Reporting Period	Month	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2024 - 2025 May	2-May 31-May 2024	No. Samples Collected	21	21	21	21	N/A	No Missing Data	15-Jun-24
		Lowest	<5	0.08	4	8			
		Highest	12	0.45	20	114			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Jun	1-Jun 30-Jun 2024	No. Samples Collected	28	28	28	27	9-Jul-24	No Missing Data	15-Jul-24
		Lowest	<5	<0.05	1	3			
		Highest	<10	0.31	17	59			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Jul	1-Jul 31-Jul 2024	No. Samples Collected	21	21	21	21	6-Aug-24	No Missing Data	15-Aug-24
		Lowest	<5	<0.05	4	3			
		Highest	16	0.45	10	30			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Aug	1-Aug 31-Aug 2024	No. Samples Collected	18	18	18	18	5-Sep-24	No Missing Data	15-Sep-24
		Lowest	<5	0.15	3	8			
		Highest	<5	0.29	10	24			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Sep	1-Sep 30-Sep 2024	No. Samples Collected	9	9	9	9	8-Oct-24	No Missing Data	15-Oct-24
		Lowest	<5	0.07	5	8			
		Highest	<5	0.15	34	74			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Oct	1-Oct 31-Oct 2024	No. Samples Collected	9	9	9	9	5-Nov-24	No Missing Data	15-Nov-24
		Lowest	<5	<0.05	6	17			
		Highest	<5	0.56	15	34			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Nov	1-Nov 30-Nov 2024	No. Samples Collected	8	8	8	8	9-Dec-24	No Missing Data	15-Dec-24
		Lowest	<5	0.14	13	<5			
		Highest	<5	0.27	19	88			
		Exceedance (yes/no)	No	No	No	No			
2024 - 2025 Dec	1-Dec 31-Dec 2024	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Jan	1-Jan 31-Jan 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Feb	1-Feb 29-Feb 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Mar	1-Mar 31-Mar 2025	No. Samples Collected							
		Lowest							
		Highest							
		Exceedance (yes/no)							
2024 - 2025 Apr	1-Apr 1-May 2025	No. Samples Collected							
		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)														
Licence Limit (50%tile)										0.03				
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	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Date Last Data were Obtained	Reason for Missing Data	Publishing Date
2024 - 2025 May	2-May 31-May 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	12-Jun-24	No Missing Data	15-Jun-24
		Lowest	0.001	<0.005	<0.001	0.0129	0.002	0.0007	0.056	0.073	0.0136	0.0212			
		Highest	0.001	<0.005	<0.001	0.0129	0.002	0.0007	0.056	0.073	0.0136	0.0212			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025 Jun	1-Jun 30-Jun 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	9-Jul-24	No Missing Data	15-Jul-24
		Lowest	<0.001	<0.005	<0.001	0.0326	<0.001	<0.0048	<0.005	<0.005	0.0326	0.0498			
		Highest	<0.001	<0.005	<0.001	0.0326	<0.001	<0.0048	<0.005	<0.005	0.0326	0.0498			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025 Jul	1-Jul 31-Jul 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	6-Aug-24	No Missing Data	15-Aug-24
		Lowest	<0.001	0.005	<0.001	0.0071	<0.001	<0.0048	0.0790	0.3460	0.0071	0.0131			
		Highest	<0.001	0.005	<0.001	0.0071	<0.001	<0.0048	0.0790	0.3460	0.0071	0.0131			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025 Aug	1-Aug 31-Aug 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	5-Sep-24	No Missing Data	15-Sep-24
		Lowest	0.001	<0.005	<0.001	0.0057	<0.001	<0.0002	0.147	0.720	0.0057	0.008			
		Highest	0.001	<0.005	<0.001	0.0057	<0.001	<0.0002	0.147	0.720	0.0057	0.008			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025 Sep	1-Sep 30-Sep 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	8-Oct-24	No Missing Data	15-Oct-24
		Lowest	<0.001	<0.005	<0.001	0.0125	0.001	<0.0002	0.054	0.469	0.0125	0.0323			
		Highest	<0.001	<0.005	<0.001	0.0125	0.001	<0.0002	0.054	0.469	0.0125	0.0323			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025 Oct	1-Oct 31-Oct 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	5-Nov-24	No Missing Data	15-Nov-24
		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			
2024 - 2025 Nov	1-Nov 30-Nov 2024	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	9-Dec-24	No Missing Data	15-Dec-24
		Lowest	0.003	<0.002	<0.001	0	<0.001	<0.005	<0.001	<0.002	0.0086	0.0425			
		Highest	0.003	<0.002	<0.001	0	<0.001	<0.005	<0.001	<0.002	0.0086	0.0425			
		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 - 2025 Dec	1-Dec 31-Dec 2024	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2024 - 2025 Jan	1-Jan 31-Jan 2025	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2024 - 2025 Feb	1-Feb 29-Feb 2025	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2024 - 2025 Mar	1-Mar 31-Mar 2025	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													
2024 - 2025 Apr	1-Apr 1-May 2025	No. Samples Collected													
		Lowest													
		Highest													
		Exceedance (yes/no)													