

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						1						
		Pollutant	Temperature	рН	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						1		
		Licence Limit (50%tile)					0.3			35	20			
		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
	2-May	No. Samples Collected	744	44640	31									
2024 - 2025	31-May	Lowest	16.5	6.5	0							12-Jun-24	No Missing Data	15-Jun-24
May	2024	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			
	1-Jun	No. Samples Collected	720	43200	30									
2024 - 2025	30-Jun	Lowest	13.2	6.5	0							9-Jul-24	No Missing Data	15-Jul-24
Jun	2024	Highest	18.3	8.5	9859									
\vdash		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	1-Jul	No. Samples Collected	744	44640	31									
2024 - 2025	31-Jul	Lowest	15.1	6.5	0							6-Aug-24	No Missing Data	15-Aug-24
Jul	2024	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			
	1-Aug	No. Samples Collected	744	44640	31									
2024 - 2025	31-Aug	Lowest	16.0	6.5	0							5-Sep-24	No Missing Data	15-Sep-24
Aug	2024	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			
	1-Sep	No. Samples Collected	720	43200	30									
2024 - 2025	30-Sep	Lowest	19.2	6.7	0							8-Oct-24	No Missing Data	15-Oct-24
Sep	2024	Highest	21.3	7.8	10531							0 000 24	reo missing bata	15 000 24
		Exceedance (yes/no)	No	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	1-Oct	No. Samples Collected	744	44640	31									
2024 - 2025	31-Oct	Lowest	20.3	6.5	0							5-Nov-24	No Missing Data	15-Nov-24
Oct	2024	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			
	1-Nov	No. Samples Collected	720	43200	30									
2024 - 2025	30-Nov	Lowest	22.8	6.5								9-Dec-24	No Missing Data	15-Dec-24
Nov	2024	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			
	1-Dec	No. Samples Collected												
2024 - 2025	31-Dec	Lowest												
Dec	2024	Highest												
		Exceedance (yes/no)												
1 1	1-Jan	No. Samples Collected										4		
2024 - 2025	31-Jan	Lowest												
Jan	2025	Highest												
-		Exceedance (yes/no)												
	1-Feb	No. Samples Collected												
2024 - 2025	29-Feb	Lowest												
Feb	2025	Highest								l		4		
1		Exceedance (yes/no)								l			-	ļ
	1-Mar	No. Samples Collected								l		4		
2024 - 2025	31-Mar	Lowest										4		
Mar	2025	Highest										4		
\vdash		Exceedance (yes/no)												
	1-Apr	No. Samples Collected										1		
2024 - 2025	1-May	Lowest			0							1		
Apr	2025	Highest										1		
		Exceedance (yes/no)								l				

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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									

2-May			Required by Licence			ater treatment pla					
1-Jun 2024 - 2025 31-May 2024 May 2024 May		Month	Averaging Period	Grab Sample	Grab Sample	Grab Sample	Grab Sample			Publishing Date	
May 2024 Highest 12 0.45 20 114 N/A No Missing Data 15-Jun-24			No. Samples Collected		21						
May 2024 Highest 12	2024 - 2025		Lowest		0.08		8	N/A	No Missing Data	15-Jun-24	
1-Jun 2024 1-Ju	May	2024		12	0.45	20	114	,	Two twinsoming Dutte	13 3011 24	
Lowest Color			Exceedance (yes/no)	No	No	No	No				
1-00 2024 Highest 4:10 0.31 177 5:59		1-Jun	No. Samples Collected	28	28	28	27		No Missing Data		
Jun	2024 - 2025	30-Jun	Lowest	<5	< 0.05	1	3	9-Jul-24		15-Jul-24	
1-Jul No. Samples Collected 21 21 21 21 21 21 21 2	Jun	2024	Highest	<10	0.31	17	59	3 Jul 24		13 301 24	
1-000 1-00			Exceedance (yes/no)	No	No	No	No				
Jul 2024 Highest 16 0.45 10 30 10 10 10 10 10 10		1-Jul	No. Samples Collected	21	21	21	21				
Second color Seco	2024 - 2025	31-Jul	Lowest	<5	< 0.05	4	3	6-Aug-24	No Missing Data	15-Aug-24	
1-Aug	Jul	2024	Highest	16	0.45	10	30	U Aug 24	IVO IVII33IIIg Data	13 Aug 24	
2024 - 2025 Aug 2024 Highest <5 0.15 3 8			Exceedance (yes/no)	No	No	No	No				
Aug 2024 Highest CS 0.29 10 24 5-Sep-24 No Missing Data 15-Sep-24		1-Aug	No. Samples Collected	18	18	18	18	Î			
Aug 2024 Highest C5 0.29 10 24	2024 - 2025	31-Aug	Lowest	<5	0.15	3	8	5-Sep-24	No Missing Data	15 Can 24	
1-Sep No. Samples Collected 9 9 9 9 9 9 9 9 9	Aug	2024	Highest	<5	0.29	10	24			15-3ep-24	
2024 - 2025 Sep 2024 Exceedance (yes/no) No No No No No No No			Exceedance (yes/no)	No	No	No	No				
Sep 2024 Highest CS 0.15 3.4 7.4 S-UC-24 No Missing Data 15-UC-24		1-Sep	No. Samples Collected	9	9	9	9	9 Oct 24	No Missing Data		
Sep 2024 Highest C5 0.15 34 74	2024 - 2025	30-Sep	Lowest	<5	0.07	5	8			45.0 - 24	
1-Oct No. Samples Collected 9 9 9 9 9 9 9 9 9	Sep		Highest	<5	0.15	34	74	8-UCT-24		15-UCT-24	
2024 - 2025 Oct 2024 Highest CS CO.05 CS CS CS CS CS CS CS C	·		Exceedance (yes/no)	No	No	No	No				
2024 - 2025 Oct 2024 Highest CS CO.05 G 17 So. Nov. 24 No Missing Data 15-Nov. 24		1-Oct	No. Samples Collected	9	9	9	9	F New 24			
Oct 2024 Highest	2024 - 2025			<5	<0.05	6	17				
Exceedance (yes/no)								5-Nov-24	No Missing Data	15-Nov-24	
1-Nov No. Samples Collected 8 8 8 8 8 8 8 8 8							No				
Lowest C D.14 13 C D.27 19 88		1-Nov		8		8		+			
Nov 2024	2024 - 2025	30-Nov						9-Dec-24			
Exceedance (yes/no) No No No No No No No	Nov				0.27				No Missing Data	15-Dec-24	
1-Dec No. Samples Collected Lowest Lowes											
2024 - 2025 31-Dec Exceedance (yes/no)		1-Dec									
Dec 2024	2024 - 2025										
Exceedance (yes/no)											
1-Jan No. Samples Collected											
Lowest L		1-lan									
Jan 2025	2024 - 2025										
Exceedance (yes/no)											
1-Feb	3011	LULU									
2024 - 2025 29-Feb Lowest Lowes		1-Feh									
Feb 2025 Highest Exceedance (yes/no)	2024 - 2025										
Exceedance (yes/no)											
1-Mar	reu	2023									
Lowest L		1-Mar									
Mar 2025 Highest Exceedance (yes/no) Exceedance (yes/no) 2024 - 2025 1-Apr Lowest Lowest Apr 2025 1-Hday Librest Highest	2024 - 2025			l	l	1	l	1			
Exceedance (yes/no)				l	l	1	l	1			
1-Apr No. Samples Collected	IVIGI	2023						1	l	l	
2024 - 2025 1-May Lowest Apr 2025 Highest		1-Anr					 				
Apr 2025 Highest	2024 2025					1		1	l	l	
						1		1	l	l	
	Apr	2023	Exceedance (yes/no)			1		1	l	l	

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		EPA Point Point 27, Yena Gap Effluent, Normal Operating Conditions											1		
		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)											ł		
		Licence Limit (50%tile) Unit of Measure	/1			/1	/1	/1			0.03	/1	1		
			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		T	
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
	2-May	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
2024 - 2025	31-May	Lowest	0.001	<0.005	<0.001	0.0129	0.002	0.0007	0.056	0.073	0.0136	0.0212	12-Jun-24	No Missing Data	15-Jun-24
May	2024	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			
	1-Jun	No. Samples Collected	1	1	1	1	1	1	1	1	1	1			
2024 - 2025	30-Jun	Lowest	<0.001	<0.005	<0.001	0.0326	<0.001	<0.0048	<0.005	<0.005	0.0326	0.0498	9-Jul-24	No Missing Data	15-Jul-24
Jun	2024	Highest	<0.001	<0.005	<0.001	0.0326	<0.001	<0.0048	<0.005	<0.005			1		
\vdash	4 1.1	Exceedance (yes/no)	No	No	No	No	No	No	No 1	No	No	No	 		
2024 - 2025	1-Jul 31-Jul	No. Samples Collected Lowest	1 <0.001	0.005	1 <0.001	1 0.0071	1 <0.001	1 <0.0048	0.0790	1 0.3460	0.0071	0.0131	ł		
													6-Aug-24	No Missing Data	15-Aug-24
Jul	2024	Highest	<0.001	0.005	<0.001	0.0071	<0.001	<0.0048	0.0790	0.3460	0.0071	0.0131			ĺ
-		Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
	1-Aug	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	5-Sep-24	1	
2024 - 2025 Aug	31-Aug 2024	Lowest	0.001	<0.005	<0.001	0.0057	<0.001	<0.0002	0.147	0.720	0.0057	0.008		No Missing Data	15-Sep-24
		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			
	1-Sep	No. Samples Collected	1	1	1	1	1	1	1	1	1	1	4		
2024 - 2025	30-Sep	Lowest	<0.001	<0.005	<0.001	0.0125	0.001	<0.0002	0.054	0.469	0.0125	0.0323	8-Oct-24	No Missing Data	15-Oct-24
Sep	2024	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 1	No	No	No 1			
	1-Oct	No. Samples Collected	1	1	1	1	1	1		1	1	-	5-Nov-24	No Missing Data	1
2024 - 2025	31-Oct	Lowest	0.001	<0.002	<0.001	<0.0002	<0.001	0.0002	<0.001	<0.002	<0.0002	<0.0002			15-Nov-24
Oct	2024	Highest	0.001	<0.002	<0.001	<0.0002	<0.001	0.0002	<0.001	<0.002	<0.0002	<0.0002			l '
	4. М.	Exceedance (yes/no)	No 1	No	No 1	No	No 1	No 1	No 1	No	No 1	No			
2024 2025	1-Nov	No. Samples Collected		1 .0.000		1			<0.001	1 .0.002		1			15-Dec-24
2024 - 2025	30-Nov	Lowest	0.003	<0.002	<0.001	0	<0.001	<0.005		<0.002	0.0086	0.0425	9-Dec-24	No Missing Data	
Nov	2024	Highest	0.003	<0.002	<0.001	0	<0.001	<0.005	<0.001	<0.002	0.0086	0.0425			
	1-Dec	Exceedance (yes/no)	No	No	No	No	No	No	No	No	No	No			
2024 2025		No. Samples Collected													
2024 - 2025 Dec	31-Dec 2024	Lowest Highest						l	l			1	1	1	
Dec	2024	Exceedance (yes/no)											1		
 	1-Jan	No. Samples Collected												1	
2024 - 2025	31-Jan	Lowest											1		
Jan	2025	Highest						 	 				1		
Jaii	2023	Exceedance (yes/no)						 	 				1		
 	1-Feb	No. Samples Collected						 	 				 		
2024 - 2025	29-Feb	Lowest						 	 				1		
2024 - 2025 Feb	2025	Highest						l	l				1		
165	2023	Exceedance (yes/no)						l	l				1		
	1-Mar	No. Samples Collected						l	l				l	t	
2024 - 2025 Mar	31-Mar	Lowest						l	l				1		
	2025	Highest						l	l				1		
		Exceedance (yes/no)						l	l				1		
 	1-Apr	No. Samples Collected						l	l				l	t	
2024 - 2025	1-Api	Lowest						 	 				1		
Apr	2025	Highest						 	 				1		
	2023	Exceedance (yes/no)						 	 				1		
		Exceedance (yes/no)							l			1	l	L	

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