



Pollutant Monitoring Results - Surface Water & Discharge of Water

Environment Protection Licence Number:

5065

Licensee Name:

Lucas Heights Resource
Recovery Park

Facility Address:

New Illawarra Rd Lucas
Heights, NSW, 2233

A copy of the full licence can be found on the POEO
Public Register
<http://www.epa.nsw.gov.au/prpoeoapp/>

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Sediment Dam

SD005 (EPA ID 23)														
Pollutant	Unit of measure	Monitoring Frequency Required by licence	8/07/2024	16/10/2024	7/01/2025	**	No. of samples required	No. of samples collected and analysed	Pollutant Limit	Exceedance (Y/N)	Min	Max	Average	Comments
Total Suspended Solids	mg/L	Quarterly	<5	92	83	-	4	3	NA	N	<5	92	87.50	
Ammonia as N	mg/L	Quarterly	2.43	2.49	3.77	-	4	3	NA	N	2.43	3.77	2.896666667	

Discharge of Water

	Ammonia	Conductivity	pH	Total Phenolics	Dissolved Oxygen	Total Suspended Solids	Potassium	Total Dissolved Solids	Total Organic Carbon	Comments	
	mg/L	uS/cm	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
Pollutant Limit	2.5	1500	5.5-8.5	0.32	6	50	NA	NA	NA		
MC1 (EPA ID 1)	19/11/2024	0.54	477	7.2	<0.05	8.7	29	11	291	9	
	6/12/2024	0.83	343	7.55	<0.05	9	9	9	226	7	
	13/12/2024	1.18	396	8.01	<0.05	10.7	<5	9	244	9	
	11/01/2025	0.22	394	7.92	<0.05	8.3	175	11	290	10	
	16/01/2025	0.56	300	6.98	<0.05	8.2	887	8	264	10	
	17/01/2025	0.68	400	7.91	<0.05	9	26	8	286	13	
	No. of samples required	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	Special frequency 1	
	No. of samples collected and analysed	6	6	6	0	6	5	6	6	6	
	Min	0.22	300	6.98	0	8.2	9	8	226	7	
	Max	1.18	477	8.01	0	10.7	887	11	291	13	
Average	1	385	8	#DIV/0!	9	225	9	267	10		
DS001 (EPA ID 21)	19/11/2024	0.47				34					
	6/12/2024	0.87				14					
	11/01/2025	0.98				36					
	13/12/2024	0.96				10					
	17/01/2025	0.96				40					
	No. of samples required	Special frequency 2				Special frequency 2					
	No. of samples collected and analysed	5				5					
	Min	0.47				10.00					
	Max	0.98				40.00					
	Average	0.85				26.80					
OF001 (EPA ID 22)	11/01/2025	0.56				589					
	16/01/2025	0.44				969					
	No. of samples required	Special frequency 1				Special frequency 1					
	No. of samples collected and analysed	2				2					

		Ammonia	Conductivity	pH	Total Phenolics	Dissolved Oxygen	Total Suspended Solids	Potassium	Total Dissolved Solids	Total Organic Carbon	Comments
		mg/L	uS/cm	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
	Min	0.44					589.00				
	Max	0.56					969.00				
	Average	0.50					779.00				

Comment:

* As per L2.5 The licensee is taken not to have breached the licence total suspended solids concentration limits for Point 1 and Point 22 if:

- a. the overflow is caused by a rainfall event; and
- b. the licensee has taken all practical measures to avoid and minimise water pollution

Any exceedances in suspended solids during this reporting period were due to rainfall events.

** - Monitoring date pending