



## 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 PEOE Public Register  
<http://www.epa.nsw.gov.au/prpoeoapp/>

Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website [www.epa.nsw.gov.au](http://www.epa.nsw.gov.au)

### Sediment Dam

SD005 (EPA ID 23)														
Pollutant	Unit of measure	Monitoring Frequency Required by Licence	3/08/2023	25/10/2023	30/01/2024	18/04/2024	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	10	<5	246	4	4	NA	N	10	246	128.00	
Ammonia as N	mg/L	Quarterly	2.43	2.43	0.2	0.62	4	4	NA	N	0.2	2.43	1.42	

### 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		
<b>Pollutant Limit</b>	<b>2.5</b>	<b>1500</b>	<b>5.5-8.5</b>	<b>0.32</b>	<b>6</b>	<b>50</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>		
<b>MCI (EPA ID 1)</b>	28/09/2023	1.07	583	7.82	<0.05	8.8	20	12	308	7	
	6/11/2023	0.58	559	7.25	-	8.7	79	20	392	13	Lab error - total phenolics was missed due to administration error at ALS
	17/11/2023	0.35	620	7.95	<0.05	9.1	107	27	498	16	
	30/11/2023	0.92	521	7.95	<0.05	8	62	16	436	11	
	25/12/2023	0.3	334	7.67	<0.05	8.9	301	10	293	13	
	6/02/2024	0.37	403	7.33	<0.05	7	1440	18	354	18	
	20/02/2024	0.49	471	7.8	-	9.6	30	10	324	9	Lab error - total phenolics was missed due to administration error at ALS
	5/04/2024	0.89	526	7.72	<0.05	9.5	10	11	292	9	
	8/04/2024	0.54	207	7.16	<0.05	6.8	1500	9	244	21	
	6/05/2024	0.29	457	7.88	<0.05	9.2	377	22	295	15	
	13/05/2024	0.78	495	7.29	<0.05	6.5	162	15	356	23	
	3/06/2024	0.14	309	7.56	<0.05	10.4	188	10	268	14	
	6/06/2024	0.3	444	7.68	<0.05	9	98	13	362	13	
	24/06/2024	0.83	284	7.45	<0.05	9.6	1210	9	240	14	
	2/07/2024	0.81	379	7.83	<0.05	9.7	103	11	270	11	
	8/07/2024	0.67	404	7.49	<0.06	10.4	6	8	243	11	
	<b>No. of samples required</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	<b>Special frequency 1</b>	
<b>No. of samples collected and analysed</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>14</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>		
<b>Min</b>	<b>0.14</b>	<b>207</b>	<b>7.16</b>	<b>0</b>	<b>6.5</b>	<b>6</b>	<b>8</b>	<b>240</b>	<b>7</b>		
<b>Max</b>	<b>1.07</b>	<b>620</b>	<b>7.95</b>	<b>0</b>	<b>10.4</b>	<b>1500</b>	<b>27</b>	<b>498</b>	<b>23</b>		
<b>Average</b>	<b>0.58</b>	<b>437.25</b>	<b>7.61</b>	<b>&lt;0.05</b>	<b>8.83</b>	<b>355.81</b>	<b>13.81</b>	<b>323.44</b>	<b>13.63</b>		
1/09/2023	0.97					<5					

		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	
DS001 (EPA ID 21)	6/11/2023	1.82					5				
	17/11/2023	0.62					11				
	30/11/2023	0.92					<5				
	25/12/2023	0.41					8				
	6/02/2024	0.07					<5				
	20/02/2024	0.57					<5				
	5/04/2024	0.33					11				
	6/05/2024	0.2					40				
	13/05/2024	0.18					18				
	3/06/2024	0.25					<5				
	24/06/2024	1.35					22				
	2/07/2024	1.58					32				
	8/07/2024	1.62					21				
	No. of samples required	Special frequency 2					Special frequency 2				
	No. of samples collected and analysed	14					14				
Min	0.07					5.00					
Max	1.82					40.00					
Average	0.82					18.67					
OF001 (EPA ID 22)	6/11/2023	1.04					106				
	30/11/2023	0.7					262				
	25/12/2023	0.38					520				
	6/02/2024	0.49					1830				
	8/04/2024	0.34					1510				
	6/05/2024	0.26					778				
	13/05/2024	1.18					186				
	3/06/2024	9.7					398				
	6/6/0224	0.4					416				
	24/06/2024	1.38					752				
	2/07/2024	1.44					234				
	No. of samples required	Special frequency 1					Special frequency 1				
	No. of samples collected and analysed	11					11				
	Min	0.26					106.00				
	Max	9.70					1830.00				
Average	1.57					635.64					

	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	

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.