



## Pollutant Monitoring Results - General Pollutant

Environmental Protection  
Licence Number:

4068

Licencee Name:

Cleanaway

Facility Address:

1725 Elizabeth Drive,  
KEMPS CREEK, NSW, 2178

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Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
Special Frequency 4 means monitoring of the leachate detection system of the restricted solid waste cells for monitoring points 37, 39 and 53. Monitoring is undertaken quarterly and where sufficient liquid is available.									
31/03/2022	26 - L7	1	Adsorbable Organic Halogens	Quarterly	2.4	mg/L	NA	NA	
31/03/2022	26 - L7	1	Alkalinity (as calcium Carbonate)	Quarterly	4100	mg/L	NA	NA	
31/03/2022	26 - L7	1	Aluminium	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	26 - L7	1	Arsenic	Quarterly	0.023	mg/L	NA	NA	
31/03/2022	26 - L7	1	Barium	Quarterly	1.81	mg/L	NA	NA	
31/03/2022	26 - L7	1	Bicarbonate	Quarterly	4100	mg/L	NA	NA	
31/03/2022	26 - L7	1	Biological oxygen Demand	Quarterly	57	mg/L	NA	NA	
31/03/2022	26 - L7	1	Cadmium	Quarterly	0.0015	mg/L	NA	NA	
31/03/2022	26 - L7	1	Calcium	Quarterly	51	mg/L	NA	NA	
31/03/2022	26 - L7	1	Chloride	Quarterly	15400	mg/L	NA	NA	
31/03/2022	26 - L7	1	Chromium	Quarterly	0.075	mg/L	NA	NA	
31/03/2022	26 - L7	1	Conductivity	Quarterly	53600	µS/cm	NA	NA	
31/03/2022	26 - L7	1	Copper	Quarterly	<0.010	mg/L	NA	NA	
31/03/2022	26 - L7	1	Dissolved Oxygen	Quarterly	3.9	mg/L	NA	NA	
31/03/2022	26 - L7	1	Fluoride	Quarterly	1.5	mg/L	NA	NA	
31/03/2022	26 - L7	1	Lead	Quarterly	<0.010	mg/L	NA	NA	
31/03/2022	26 - L7	1	Magnesium	Quarterly	267	mg/L	NA	NA	
31/03/2022	26 - L7	1	Manganese	Quarterly	0.260	mg/L	NA	NA	
31/03/2022	26 - L7	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	26 - L7	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	26 - L7	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	26 - L7	1	Nitrogen (ammonia)	Quarterly	1040	mg/L	NA	NA	
31/03/2022	26 - L7	1	Nitrogen (Total)	Quarterly	895	mg/L	NA	NA	
31/03/2022	26 - L7	1	pH	Quarterly	7.89	pH Unit	NA	NA	
31/03/2022	26 - L7	1	Phosphorus (total)	Quarterly	3.56	mg/L	NA	NA	
31/03/2022	26 - L7	1	Potassium	Quarterly	2520	mg/L	NA	NA	
31/03/2022	26 - L7	1	Redox Potential	Quarterly	64.1	mV	NA	NA	
31/03/2022	26 - L7	1	Sodium	Quarterly	9520	mg/L	NA	NA	
31/03/2022	26 - L7	1	Sulfate	Quarterly	390	mg/L	NA	NA	
31/03/2022	26 - L7	1	Total Dissolved Solids	Quarterly	35500	mg/L	NA	NA	
31/03/2022	26 - L7	1	Total Organic Carbon	Quarterly	338	mg/L	NA	NA	
31/03/2022	26 - L7	1	Total Phenolics	Quarterly	<0.05	mg/L	NA	NA	
31/03/2022	26 - L7	1	Zinc	Quarterly	0.115	mg/L	NA	NA	



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31/03/2022	27 - L10	1	Adsorbable Organic Halogens	Quarterly	3.5	mg/L	NA	NA	
31/03/2022	27 - L10	1	Alkalinity (as calcium Carbonate)	Quarterly	3680	mg/L	NA	NA	
31/03/2022	27 - L10	1	Aluminium	Quarterly	0.04	mg/L	NA	NA	
31/03/2022	27 - L10	1	Arsenic	Quarterly	0.090	mg/L	NA	NA	
31/03/2022	27 - L10	1	Barium	Quarterly	0.008	mg/L	NA	NA	
31/03/2022	27 - L10	1	Bicarbonate	Quarterly	3680	mg/L	NA	NA	
31/03/2022	27 - L10	1	Biological oxygen Demand	Quarterly	102	mg/L	NA	NA	
31/03/2022	27 - L10	1	Cadmium	Quarterly	0.0002	mg/L	NA	NA	
31/03/2022	27 - L10	1	Calcium	Quarterly	337	mg/L	NA	NA	
31/03/2022	27 - L10	1	Chloride	Quarterly	2300	mg/L	NA	NA	
31/03/2022	27 - L10	1	Chromium	Quarterly	0.050	mg/L	NA	NA	
31/03/2022	27 - L10	1	Conductivity	Quarterly	13100	µS/cm	NA	NA	
31/03/2022	27 - L10	1	Copper	Quarterly	0.018	mg/L	NA	NA	
31/03/2022	27 - L10	1	Dissolved Oxygen	Quarterly	0.2	mg/L	NA	NA	
31/03/2022	27 - L10	1	Fluoride	Quarterly	0.7	mg/L	NA	NA	
31/03/2022	27 - L10	1	Lead	Quarterly	0.001	mg/L	NA	NA	
31/03/2022	27 - L10	1	Magnesium	Quarterly	212	mg/L	NA	NA	
31/03/2022	27 - L10	1	Manganese	Quarterly	0.177	mg/L	NA	NA	
31/03/2022	27 - L10	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	27 - L10	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	27 - L10	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	27 - L10	1	Nitrogen (ammonia)	Quarterly	2660	mg/L	NA	NA	
31/03/2022	27 - L10	1	Nitrogen (Total)	Quarterly	2270	mg/L	NA	NA	
31/03/2022	27 - L10	1	pH	Quarterly	7.49	pH Unit	NA	NA	
31/03/2022	27 - L10	1	Phosphorus (total)	Quarterly	7.77	mg/L	NA	NA	
31/03/2022	27 - L10	1	Potassium	Quarterly	307	mg/L	NA	NA	
31/03/2022	27 - L10	1	Redox Potential	Quarterly	67.6	mV	NA	NA	
31/03/2022	27 - L10	1	Sodium	Quarterly	1680	mg/L	NA	NA	
31/03/2022	27 - L10	1	Sulfate	Quarterly	78	mg/L	NA	NA	
31/03/2022	27 - L10	1	Total Dissolved Solids	Quarterly	7090	mg/L	NA	NA	
31/03/2022	27 - L10	1	Total Organic Carbon	Quarterly	951	mg/L	NA	NA	
31/03/2022	27 - L10	1	Total Phenolics	Quarterly	4.88	mg/L	NA	NA	
31/03/2022	27 - L10	1	Zinc	Quarterly	0.187	mg/L	NA	NA	



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31/03/2022	27 - L10	1	Organotin Compounds	Quarterly	<15	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Adsorbable Organic Halogens	Quarterly	2.2	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Alkalinity (as calcium Carbonate)	Quarterly	3660	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Aluminium	Quarterly	0.11	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Arsenic	Quarterly	0.038	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Barium	Quarterly	0.333	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Bicarbonate	Quarterly	3660	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Biological oxygen Demand	Quarterly	89	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Cadmium	Quarterly	0.0001	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Calcium	Quarterly	516	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Chloride	Quarterly	2790	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Chromium	Quarterly	0.071	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Conductivity	Quarterly	13600	µS/cm	NA	NA	
31/03/2022	28 - A2L1	1	Copper	Quarterly	0.010	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Dissolved Oxygen	Quarterly	0.9	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Fluoride	Quarterly	0.8	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Lead	Quarterly	0.002	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Magnesium	Quarterly	222	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Manganese	Quarterly	2.24	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Nitrogen (ammonia)	Quarterly	287	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Nitrogen (Total)	Quarterly	290	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	pH	Quarterly	7.32	pH Unit	NA	NA	
31/03/2022	28 - A2L1	1	Phosphorus (total)	Quarterly	10.9	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Potassium	Quarterly	263	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Redox Potential	Quarterly	76.0	mV	NA	NA	
31/03/2022	28 - A2L1	1	Sodium	Quarterly	1830	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Sulfate	Quarterly	<10	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Total Dissolved Solids	Quarterly	7480	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Total Organic Carbon	Quarterly	321	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Total Phenolics	Quarterly	0.14	mg/L	NA	NA	



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31/03/2022	28 - A2L1	1	Zinc	Quarterly	0.110	mg/L	NA	NA	
31/03/2022	28 - A2L1	1	Organotin Compounds	Quarterly	<15	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Adsorbable Organic Halogens	Quarterly	0.7	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Alkalinity (as calcium Carbonate)	Quarterly	1110	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Aluminium	Quarterly	0.08	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Arsenic	Quarterly	0.453	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Barium	Quarterly	0.279	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Bicarbonate	Quarterly	1110	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Biological oxygen Demand	Quarterly	9	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Cadmium	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Calcium	Quarterly	172	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Chloride	Quarterly	1760	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Chromium	Quarterly	0.009	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Conductivity	Quarterly	8930	µS/cm	NA	NA	
31/03/2022	29 - A2L2	1	Copper	Quarterly	<0.001	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Dissolved Oxygen	Quarterly	2.1	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Fluoride	Quarterly	0.8	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Lead	Quarterly	<0.001	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Magnesium	Quarterly	373	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Manganese	Quarterly	0.453	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Nitrate	Quarterly	0.26	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Nitrite	Quarterly	0.26	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Nitrogen (ammonia)	Quarterly	146	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Nitrogen (Total)	Quarterly	155	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	pH	Quarterly	7.50	pH Unit	NA	NA	
31/03/2022	29 - A2L2	1	Phosphorus (total)	Quarterly	0.47	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Potassium	Quarterly	258	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Redox Potential	Quarterly	67.3	mV	NA	NA	
31/03/2022	29 - A2L2	1	Sodium	Quarterly	1100	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Sulfate	Quarterly	1180	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Total Dissolved Solids	Quarterly	3950	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Total Organic Carbon	Quarterly	369	mg/L	NA	NA	



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31/03/2022	29 - A2L2	1	Total Phenolics	Quarterly	0.05	mg/L	NA	NA	
31/03/2022	29 - A2L2	1	Zinc	Quarterly	<0.005	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Adsorbable Organic Halogens	Quarterly	2.1	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Alkalinity (as calcium Carbonate)	Quarterly	3780	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Aluminium	Quarterly	0.10	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Arsenic	Quarterly	0.048	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Barium	Quarterly	0.211	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Bicarbonate	Quarterly	3780	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Biological oxygen Demand	Quarterly	91	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Cadmium	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Calcium	Quarterly	296	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Chloride	Quarterly	2220	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Chromium	Quarterly	0.068	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Conductivity	Quarterly	12600	µS/cm	NA	NA	
31/03/2022	36 - A5L1	1	Copper	Quarterly	0.014	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Dissolved Oxygen	Quarterly	0.2	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Fluoride	Quarterly	0.5	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Lead	Quarterly	0.002	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Magnesium	Quarterly	240	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Manganese	Quarterly	0.751	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Nitrogen (ammonia)	Quarterly	405	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Nitrogen (Total)	Quarterly	425	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	pH	Quarterly	7.52	pH Unit	NA	NA	
31/03/2022	36 - A5L1	1	Phosphorus (total)	Quarterly	13.9	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Potassium	Quarterly	296	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Redox Potential	Quarterly	80.3	mV	NA	NA	
31/03/2022	36 - A5L1	1	Sodium	Quarterly	1740	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Sulfate	Quarterly	55	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Total Dissolved Solids	Quarterly	5940	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Total Organic Carbon	Quarterly	382	mg/L	NA	NA	



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31/03/2022	36 - A5L1	1	Total Phenolics	Quarterly	0.30	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Zinc	Quarterly	0.155	mg/L	NA	NA	
31/03/2022	36 - A5L1	1	Organotin Compounds	Quarterly	<15	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Adsorbable Organic Halogens	Quarterly	3.9	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Alkalinity (as calcium Carbonate)	Quarterly	3680	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Aluminium	Quarterly	0.08	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Arsenic	Quarterly	0.095	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Barium	Quarterly	0.129	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Bicarbonate	Quarterly	3680	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Biological oxygen Demand	Quarterly	104	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Cadmium	Quarterly	0.0004	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Calcium	Quarterly	400	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Chloride	Quarterly	2360	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Chromium	Quarterly	0.059	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Conductivity	Quarterly	12100	µS/cm	NA	NA	
31/03/2022	38 - A4L1	1	Copper	Quarterly	0.030	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Dissolved Oxygen	Quarterly	0.2	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Fluoride	Quarterly	1.0	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Lead	Quarterly	0.002	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Magnesium	Quarterly	216	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Manganese	Quarterly	0.788	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Nitrogen (ammonia)	Quarterly	2590	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Nitrogen (Total)	Quarterly	2320	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	pH	Quarterly	7.40	pH Unit	NA	NA	
31/03/2022	38 - A4L1	1	Phosphorus (total)	Quarterly	7.33	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Potassium	Quarterly	326	mg/L	NA	NA	



## Pollutant Monitoring Results - General Pollutant

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Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
31/03/2022	38 - A4L1	1	Redox Potential	Quarterly	82.5	mV	NA	NA	
31/03/2022	38 - A4L1	1	Sodium	Quarterly	1680	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Sulfate	Quarterly	133	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Total Dissolved Solids	Quarterly	7200	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Total Organic Carbon	Quarterly	931	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Total Phenolics	Quarterly	4.93	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Zinc	Quarterly	0.254	mg/L	NA	NA	
31/03/2022	38 - A4L1	1	Organotin Compounds	Quarterly	<20	mg/L	NA	NA	
31/03/2022	40 - L11	1	Adsorbable Organic Halogens	Quarterly	1.4	mg/L	NA	NA	
31/03/2022	40 - L11	1	Alkalinity (as calcium Carbonate)	Quarterly	3350	mg/L	NA	NA	
31/03/2022	40 - L11	1	Aluminium	Quarterly	0.23	mg/L	NA	NA	
31/03/2022	40 - L11	1	Arsenic	Quarterly	0.048	mg/L	NA	NA	
31/03/2022	40 - L11	1	Barium	Quarterly	0.605	mg/L	NA	NA	
31/03/2022	40 - L11	1	Bicarbonate	Quarterly	3350	mg/L	NA	NA	
31/03/2022	40 - L11	1	Biological oxygen Demand	Quarterly	37	mg/L	NA	NA	
31/03/2022	40 - L11	1	Cadmium	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	40 - L11	1	Calcium	Quarterly	72	mg/L	NA	NA	
31/03/2022	40 - L11	1	Chloride	Quarterly	1340	mg/L	NA	NA	
31/03/2022	40 - L11	1	Chromium	Quarterly	0.114	mg/L	NA	NA	
31/03/2022	40 - L11	1	Conductivity	Quarterly	9470	µS/cm	NA	NA	
31/03/2022	40 - L11	1	Copper	Quarterly	0.007	mg/L	NA	NA	
31/03/2022	40 - L11	1	Dissolved Oxygen	Quarterly	0.3	mg/L	NA	NA	
31/03/2022	40 - L11	1	Fluoride	Quarterly	0.8	mg/L	NA	NA	
31/03/2022	40 - L11	1	Lead	Quarterly	0.002	mg/L	NA	NA	
31/03/2022	40 - L11	1	Magnesium	Quarterly	144	mg/L	NA	NA	
31/03/2022	40 - L11	1	Manganese	Quarterly	0.293	mg/L	NA	NA	
31/03/2022	40 - L11	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	40 - L11	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	40 - L11	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	40 - L11	1	Nitrogen (ammonia)	Quarterly	356	mg/L	NA	NA	
31/03/2022	40 - L11	1	Nitrogen (Total)	Quarterly	336	mg/L	NA	NA	
31/03/2022	40 - L11	1	pH	Quarterly	7.37	pH Unit	NA	NA	
31/03/2022	40 - L11	1	Phosphorus (total)	Quarterly	2.88	mg/L	NA	NA	





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Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
31/03/2022	40 - L11	1	Potassium	Quarterly	152	mg/L	NA	NA	
31/03/2022	40 - L11	1	Redox Potential	Quarterly	75.3	mV	NA	NA	
31/03/2022	40 - L11	1	Sodium	Quarterly	1480	mg/L	NA	NA	
31/03/2022	40 - L11	1	Sulfate	Quarterly	46	mg/L	NA	NA	
31/03/2022	40 - L11	1	Total Dissolved Solids	Quarterly	4890	mg/L	NA	NA	
31/03/2022	40 - L11	1	Total Organic Carbon	Quarterly	199	mg/L	NA	NA	
31/03/2022	40 - L11	1	Total Phenolics	Quarterly	0.12	mg/L	NA	NA	
31/03/2022	40 - L11	1	Zinc	Quarterly	0.021	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Adsorbable Organic Halogens	Quarterly	6.3	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Alkalinity (as calcium Carbonate)	Quarterly	10600	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Aluminium	Quarterly	0.02	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Arsenic	Quarterly	0.153	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Barium	Quarterly	0.050	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Bicarbonate	Quarterly	<1	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Biological oxygen Demand	Quarterly	199	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Cadmium	Quarterly	0.0008	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Calcium	Quarterly	12	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Chloride	Quarterly	4830	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Chromium	Quarterly	0.048	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Conductivity	Quarterly	25600	µS/cm	NA	NA	
31/03/2022	41 - A3L1	1	Copper	Quarterly	0.052	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Dissolved Oxygen	Quarterly	1.0	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Fluoride	Quarterly	9.4	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Lead	Quarterly	0.003	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Magnesium	Quarterly	86	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Manganese	Quarterly	0.081	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Nitrate	Quarterly	<1.00	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Nitrite	Quarterly	<1.00	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Nitrogen (ammonia)	Quarterly	4760	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Nitrogen (Total)	Quarterly	4300	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	pH	Quarterly	9.54	pH Unit	NA	NA	
31/03/2022	41 - A3L1	1	Phosphorus (total)	Quarterly	4.18	mg/L	NA	NA	





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Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
31/03/2022	41 - A3L1	1	Potassium	Quarterly	2110	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Redox Potential	Quarterly	-6.6	mV	NA	NA	
31/03/2022	41 - A3L1	1	Sodium	Quarterly	2790	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Sulfate	Quarterly	2960	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Total Dissolved Solids	Quarterly	13900	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Total Organic Carbon	Quarterly	1520	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Total Phenolics	Quarterly	7.87	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Zinc	Quarterly	0.347	mg/L	NA	NA	
31/03/2022	41 - A3L1	1	Organotin Compounds	Quarterly	<15	mg/L	NA	NA	
31/03/2022	44 - L12	1	Adsorbable Organic Halogens	Quarterly	8.9	mg/L	NA	NA	
31/03/2022	44 - L12	1	Alkalinity (as calcium Carbonate)	Quarterly	11800	mg/L	NA	NA	
31/03/2022	44 - L12	1	Aluminium	Quarterly	1.71	mg/L	NA	NA	
31/03/2022	44 - L12	1	Arsenic	Quarterly	0.476	mg/L	NA	NA	
31/03/2022	44 - L12	1	Barium	Quarterly	0.862	mg/L	NA	NA	
31/03/2022	44 - L12	1	Bicarbonate	Quarterly	11800	mg/L	NA	NA	
31/03/2022	44 - L12	1	Biological oxygen Demand	Quarterly	135	mg/L	NA	NA	
31/03/2022	44 - L12	1	Cadmium	Quarterly	0.0002	mg/L	NA	NA	
31/03/2022	44 - L12	1	Calcium	Quarterly	65	mg/L	NA	NA	
31/03/2022	44 - L12	1	Chloride	Quarterly	3450	mg/L	NA	NA	
31/03/2022	44 - L12	1	Chromium	Quarterly	1.26	mg/L	NA	NA	
31/03/2022	44 - L12	1	Conductivity	Quarterly	26200	µS/cm	NA	NA	
31/03/2022	44 - L12	1	Copper	Quarterly	0.017	mg/L	NA	NA	
31/03/2022	44 - L12	1	Dissolved Oxygen	Quarterly	0.3	mg/L	NA	NA	
31/03/2022	44 - L12	1	Fluoride	Quarterly	3.6	mg/L	NA	NA	
31/03/2022	44 - L12	1	Lead	Quarterly	0.007	mg/L	NA	NA	
31/03/2022	44 - L12	1	Magnesium	Quarterly	263	mg/L	NA	NA	
31/03/2022	44 - L12	1	Manganese	Quarterly	0.247	mg/L	NA	NA	
31/03/2022	44 - L12	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	44 - L12	1	Nitrate	Quarterly	<1.00	mg/L	NA	NA	
31/03/2022	44 - L12	1	Nitrite	Quarterly	<1.00	mg/L	NA	NA	
31/03/2022	44 - L12	1	Nitrogen (ammonia)	Quarterly	779	mg/L	NA	NA	
31/03/2022	44 - L12	1	Nitrogen (Total)	Quarterly	850	mg/L	NA	NA	
31/03/2022	44 - L12	1	pH	Quarterly	7.89	pH Unit	NA	NA	



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Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
31/03/2022	44 - L12	1	Phosphorus (total)	Quarterly	24.5	mg/L	NA	NA	
31/03/2022	44 - L12	1	Potassium	Quarterly	383	mg/L	NA	NA	
31/03/2022	44 - L12	1	Redox Potential	Quarterly	49.9	mV	NA	NA	
31/03/2022	44 - L12	1	Sodium	Quarterly	6230	mg/L	NA	NA	
31/03/2022	44 - L12	1	Sulfate	Quarterly	1670	mg/L	NA	NA	
31/03/2022	44 - L12	1	Total Dissolved Solids	Quarterly	17900	mg/L	NA	NA	
31/03/2022	44 - L12	1	Total Organic Carbon	Quarterly	1310	mg/L	NA	NA	
31/03/2022	44 - L12	1	Total Phenolics	Quarterly	0.14	mg/L	NA	NA	
31/03/2022	44 - L12	1	Zinc	Quarterly	0.118	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Adsorbable Organic Halogens	Quarterly	4.2	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Alkalinity (as calcium Carbonate)	Quarterly	4350	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Aluminium	Quarterly	0.26	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Arsenic	Quarterly	0.139	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Barium	Quarterly	0.164	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Bicarbonate	Quarterly	3320	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Biological oxygen Demand	Quarterly	198	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Cadmium	Quarterly	0.0002	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Calcium	Quarterly	12	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Chloride	Quarterly	2580	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Chromium	Quarterly	0.189	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Conductivity	Quarterly	15600	µS/cm	NA	NA	
31/03/2022	52 - A5BL1	1	Copper	Quarterly	0.019	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Dissolved Oxygen	Quarterly	0.2	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Fluoride	Quarterly	0.9	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Lead	Quarterly	0.002	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Magnesium	Quarterly	188	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Manganese	Quarterly	0.538	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Mercury	Quarterly	0.0001	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Nitrogen (ammonia)	Quarterly	3000	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Nitrogen (Total)	Quarterly	2520	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	pH	Quarterly	8.61	pH Unit	NA	NA	



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31/03/2022	52 - A5BL1	1	Phosphorus (total)	Quarterly	6.43	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Potassium	Quarterly	484	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Redox Potential	Quarterly	-51.8	mV	NA	NA	
31/03/2022	52 - A5BL1	1	Sodium	Quarterly	2010	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Sulfate	Quarterly	308	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Total Dissolved Solids	Quarterly	7490	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Total Organic Carbon	Quarterly	962	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Total Phenolics	Quarterly	6.35	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Zinc	Quarterly	0.207	mg/L	NA	NA	
31/03/2022	52 - A5BL1	1	Organotin Compounds	Quarterly	<15	mg/L	NA	NA	
31/03/2022	55 - L13	1	Adsorbable Organic Halogens	Quarterly	6.9	mg/L	NA	NA	
31/03/2022	55 - L13	1	Alkalinity (as calcium Carbonate)	Quarterly	8060	mg/L	NA	NA	
31/03/2022	55 - L13	1	Aluminium	Quarterly	3.30	mg/L	NA	NA	
31/03/2022	55 - L13	1	Arsenic	Quarterly	0.087	mg/L	NA	NA	
31/03/2022	55 - L13	1	Barium	Quarterly	2.09	mg/L	NA	NA	
31/03/2022	55 - L13	1	Bicarbonate	Quarterly	8060	mg/L	NA	NA	
31/03/2022	55 - L13	1	Biological oxygen Demand	Quarterly	132	mg/L	NA	NA	
31/03/2022	55 - L13	1	Cadmium	Quarterly	0.0002	mg/L	NA	NA	
31/03/2022	55 - L13	1	Calcium	Quarterly	103	mg/L	NA	NA	
31/03/2022	55 - L13	1	Chloride	Quarterly	4690	mg/L	NA	NA	
31/03/2022	55 - L13	1	Chromium	Quarterly	0.827	mg/L	NA	NA	
31/03/2022	55 - L13	1	Conductivity	Quarterly	22800	µS/cm	NA	NA	
31/03/2022	55 - L13	1	Copper	Quarterly	0.019	mg/L	NA	NA	
31/03/2022	55 - L13	1	Dissolved Oxygen	Quarterly	2.1	mg/L	NA	NA	
31/03/2022	55 - L13	1	Fluoride	Quarterly	1.4	mg/L	NA	NA	
31/03/2022	55 - L13	1	Lead	Quarterly	0.013	mg/L	NA	NA	
31/03/2022	55 - L13	1	Magnesium	Quarterly	337	mg/L	NA	NA	
31/03/2022	55 - L13	1	Manganese	Quarterly	0.804	mg/L	NA	NA	
31/03/2022	55 - L13	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	55 - L13	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	55 - L13	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	55 - L13	1	Nitrogen (ammonia)	Quarterly	563	mg/L	NA	NA	
31/03/2022	55 - L13	1	Nitrogen (Total)	Quarterly	611	mg/L	NA	NA	



## Pollutant Monitoring Results - General Pollutant

Environmental Protection  
Licence Number:

4068

Licencee Name:

Cleanaway

Facility Address:

1725 Elizabeth Drive,  
KEMPS CREEK, NSW, 2178

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<http://www.epa.nsw.gov.au/prpoeoapp/>

Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
31/03/2022	55 - L13	1	pH	Quarterly	7.77	pH Unit	NA	NA	
31/03/2022	55 - L13	1	Phosphorus (total)	Quarterly	9.18	mg/L	NA	NA	
31/03/2022	55 - L13	1	Potassium	Quarterly	334	mg/L	NA	NA	
31/03/2022	55 - L13	1	Redox Potential	Quarterly	35.2	mV	NA	NA	
31/03/2022	55 - L13	1	Sodium	Quarterly	4370	mg/L	NA	NA	
31/03/2022	55 - L13	1	Sulfate	Quarterly	<100	mg/L	NA	NA	
31/03/2022	55 - L13	1	Total Dissolved Solids	Quarterly	11800	mg/L	NA	NA	
31/03/2022	55 - L13	1	Total Organic Carbon	Quarterly	929	mg/L	NA	NA	
31/03/2022	55 - L13	1	Total Phenolics	Quarterly	<0.05	mg/L	NA	NA	
31/03/2022	55 - L13	1	Zinc	Quarterly	0.210	mg/L	NA	NA	
31/03/2022	62 - F4	1	Adsorbable Organic Halogens	Quarterly	1.4	mg/L	NA	NA	
31/03/2022	62 - F4	1	Alkalinity (as calcium Carbonate)	Quarterly	4930	mg/L	NA	NA	
31/03/2022	62 - F4	1	Aluminium	Quarterly	0.57	mg/L	NA	NA	
31/03/2022	62 - F4	1	Arsenic	Quarterly	0.081	mg/L	NA	NA	
31/03/2022	62 - F4	1	Barium	Quarterly	0.760	mg/L	NA	NA	
31/03/2022	62 - F4	1	Bicarbonate	Quarterly	4930	mg/L	NA	NA	
31/03/2022	62 - F4	1	Biological oxygen Demand	Quarterly	85	mg/L	NA	NA	
31/03/2022	62 - F4	1	Cadmium	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	62 - F4	1	Calcium	Quarterly	166	mg/L	NA	NA	
31/03/2022	62 - F4	1	Chloride	Quarterly	1780	mg/L	NA	NA	
31/03/2022	62 - F4	1	Chromium	Quarterly	0.414	mg/L	NA	NA	
31/03/2022	62 - F4	1	Conductivity	Quarterly	13300	µS/cm	NA	NA	
31/03/2022	62 - F4	1	Copper	Quarterly	0.004	mg/L	NA	NA	
31/03/2022	62 - F4	1	Dissolved Oxygen	Quarterly	2.0	mg/L	NA	NA	
31/03/2022	62 - F4	1	Fluoride	Quarterly	0.9	mg/L	NA	NA	
31/03/2022	62 - F4	1	Lead	Quarterly	0.002	mg/L	NA	NA	
31/03/2022	62 - F4	1	Magnesium	Quarterly	161	mg/L	NA	NA	
31/03/2022	62 - F4	1	Manganese	Quarterly	0.865	mg/L	NA	NA	
31/03/2022	62 - F4	1	Mercury	Quarterly	<0.0001	mg/L	NA	NA	
31/03/2022	62 - F4	1	Nitrate	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	62 - F4	1	Nitrite	Quarterly	<0.10	mg/L	NA	NA	
31/03/2022	62 - F4	1	Nitrogen (ammonia)	Quarterly	487	mg/L	NA	NA	
31/03/2022	62 - F4	1	Nitrogen (Total)	Quarterly	516	mg/L	NA	NA	



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Period - Jan 2022 - Mar 2022

Date Monitoring Data Obtained	Sampling Point as per Licence	No. of times measured during reporting period	Pollutant	Monitoring Frequency Required by licence	Actual Value	Unit	Pollutant limit as per Licence	Exceedance (Y/N or NA)	Comments
31/03/2022	62 - F4	1	pH	Quarterly	7.51	pH Unit	NA	NA	
31/03/2022	62 - F4	1	Phosphorus (total)	Quarterly	5.72	mg/L	NA	NA	
31/03/2022	62 - F4	1	Potassium	Quarterly	278	mg/L	NA	NA	
31/03/2022	62 - F4	1	Redox Potential	Quarterly	46.2	mV	NA	NA	
31/03/2022	62 - F4	1	Sodium	Quarterly	2030	mg/L	NA	NA	
31/03/2022	62 - F4	1	Sulfate	Quarterly	<100	mg/L	NA	NA	
31/03/2022	62 - F4	1	Total Dissolved Solids	Quarterly	7020	mg/L	NA	NA	
31/03/2022	62 - F4	1	Total Organic Carbon	Quarterly	540	mg/L	NA	NA	
31/03/2022	62 - F4	1	Total Phenolics	Quarterly	<0.05	mg/L	NA	NA	
31/03/2022	62 - F4	1	Zinc	Quarterly	0.057	mg/L	NA	NA	