



Pollutant Monitoring Results - General Pollutant

Environmental Protection
Licence Number:

4068

Licencee Name:

SUEZ

Facility Address:

1725 Elizabeth Drive,
KEMPS CREEK, NSW, 2178

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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
5/04/2018	26	1	Adsorbable Organic Halogens	Quarterly	4500	mg/l	NA	NA	
5/04/2018	26	1	Alkalinity (as calcium Carbonate)	Quarterly	5740	mg/l	NA	NA	
5/04/2018	26	1	Aluminium	Quarterly	1.25	mg/l	NA	NA	
5/04/2018	26	1	Arsenic	Quarterly	0.053	mg/l	NA	NA	
5/04/2018	26	1	Barium	Quarterly	4.64	mg/l	NA	NA	
5/04/2018	26	1	Bicarbonate	Quarterly	<1	mg/l	NA	NA	
5/04/2018	26	1	Biological oxygen Demand	Quarterly	101	mg/l	NA	NA	
5/04/2018	26	1	Cadmium	Quarterly	<0.001	mg/l	NA	NA	
5/04/2018	26	1	Calcium	Quarterly	40	mg/l	NA	NA	
5/04/2018	26	1	Chloride	Quarterly	44500	mg/l	NA	NA	
5/04/2018	26	1	Chromium	Quarterly	0.166	mg/l	NA	NA	
5/04/2018	26	1	Conductivity	Quarterly	113000	µS/cm	NA	NA	
5/04/2018	26	1	Copper	Quarterly	0.497	mg/l	NA	NA	
5/04/2018	26	1	Dissolved Oxygen	Quarterly	5.9	mg/l	NA	NA	
5/04/2018	26	1	Fluoride	Quarterly	2.2	mg/l	NA	NA	
5/04/2018	26	1	Lead	Quarterly	<0.01	mg/l	NA	NA	
5/04/2018	26	1	Magnesium	Quarterly	341	mg/l	NA	NA	
5/04/2018	26	1	Manganese	Quarterly	0.252	mg/l	NA	NA	
5/04/2018	26	1	Mercury	Quarterly	0.0001	mg/l	NA	NA	
5/04/2018	26	1	Nitrate	Quarterly	<1	mg/l	NA	NA	
5/04/2018	26	1	Nitrite	Quarterly	<0.1	mg/l	NA	NA	
5/04/2018	26	1	Nitrogen (ammonia)	Quarterly	1380	mg/l	NA	NA	
5/04/2018	26	1	Nitrogen (Total)	Quarterly	1750	mg/l	NA	NA	
5/04/2018	26	1	Phosphorus (total)	Quarterly	5.36	mg/l	NA	NA	
5/04/2018	26	1	Potassium	Quarterly	6650	mg/l	NA	NA	
5/04/2018	26	1	Redox Potential	Quarterly	67	mV	NA	NA	
5/04/2018	26	1	Sodium	Quarterly	21400	mg/l	NA	NA	
5/04/2018	26	1	Sulfate	Quarterly	<10	mg/l	NA	NA	



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5/04/2018	26	1	Total Phenolics	Quarterly	<0.25	mg/l	NA	NA	
5/04/2018	26	1	Total Dissolved Solids	Quarterly	75200	mg/l	NA	NA	
5/04/2018	26	1	Total Organic Carbon	Quarterly	769	mg/l	NA	NA	
5/04/2018	26	1	Zinc	Quarterly	0.171	mg/l	NA	NA	
5/04/2018	26	1	pH	Quarterly	7.8	pH Unit	NA	NA	
5/04/2018	26	1	Benzene	Every 6 months	0.0005	mg/l	NA	NA	
5/04/2018	26	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	26	1	Nickel	Every 6 months	0.125	mg/l	NA	NA	
5/04/2018	26	1	Polycyclic aromatic hydrocarbons	Every 6 months	0.0018	mg/l	NA	NA	
5/04/2018	26	1	Tin	Every 6 months	<0.01	mg/l	NA	NA	
5/04/2018	27	1	Adsorbable Organic Halogens	Quarterly	430	mg/l	NA	NA	
5/04/2018	27	1	Alkalinity (as calcium Carbonate)	Quarterly	526	mg/l	NA	NA	
5/04/2018	27	1	Aluminium	Quarterly	2.26	mg/l	NA	NA	
5/04/2018	27	1	Arsenic	Quarterly	0.008	mg/l	NA	NA	
5/04/2018	27	1	Barium	Quarterly	0.339	mg/l	NA	NA	
5/04/2018	27	1	Bicarbonate	Quarterly	<1	mg/l	NA	NA	
5/04/2018	27	1	Biological oxygen Demand	Quarterly	17	mg/l	NA	NA	
5/04/2018	27	1	Cadmium	Quarterly	<0.0001	mg/l	NA	NA	
5/04/2018	27	1	Calcium	Quarterly	267	mg/l	NA	NA	
5/04/2018	27	1	Chloride	Quarterly	1660	mg/l	NA	NA	
5/04/2018	27	1	Chromium	Quarterly	0.002	mg/l	NA	NA	
5/04/2018	27	1	Conductivity	Quarterly	7340	µS/cm	NA	NA	
5/04/2018	27	1	Copper	Quarterly	0.022	mg/l	NA	NA	
5/04/2018	27	1	Dissolved Oxygen	Quarterly	6.3	mg/l	NA	NA	
5/04/2018	27	1	Fluoride	Quarterly	0.4	mg/l	NA	NA	
5/04/2018	27	1	Lead	Quarterly	0.003	mg/l	NA	NA	
5/04/2018	27	1	Magnesium	Quarterly	<1	mg/l	NA	NA	
5/04/2018	27	1	Manganese	Quarterly	0.008	mg/l	NA	NA	
5/04/2018	27	1	Mercury	Quarterly	0.0002	mg/l	NA	NA	
5/04/2018	27	1	Nitrate	Quarterly	0.01	mg/l	NA	NA	
5/04/2018	27	1	Nitrite	Quarterly	0.03	mg/l	NA	NA	
5/04/2018	27	1	Nitrogen (ammonia)	Quarterly	29	mg/l	NA	NA	
5/04/2018	27	1	Nitrogen (Total)	Quarterly	29.4	mg/l	NA	NA	
5/04/2018	27	1	Phosphorus (total)	Quarterly	0.12	mg/l	NA	NA	



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5/04/2018	27	1	Potassium	Quarterly	62	mg/l	NA	NA	
5/04/2018	27	1	Redox Potential	Quarterly	-24	mV	NA	NA	
5/04/2018	27	1	Sodium	Quarterly	919	mg/l	NA	NA	
5/04/2018	27	1	Sulfate	Quarterly	36	mg/l	NA	NA	
5/04/2018	27	1	Total Phenolics	Quarterly	0.17	mg/l	NA	NA	
5/04/2018	27	1	Total Dissolved Solids	Quarterly	3540	mg/l	NA	NA	
5/04/2018	27	1	Total Organic Carbon	Quarterly	54	mg/l	NA	NA	
5/04/2018	27	1	Zinc	Quarterly	0.057	mg/l	NA	NA	
5/04/2018	27	1	pH	Quarterly	11.6	pH Unit	NA	NA	
5/04/2018	27	1	Benzene	Every 6 months	<1	mg/l	NA	NA	
5/04/2018	27	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	27	1	Nickel	Every 6 months	0.014	mg/l	NA	NA	
5/04/2018	27	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
5/04/2018	27	1	Tin	Every 6 months	<0.001	mg/l	NA	NA	
5/04/2018	28	1	Adsorbable Organic Halogens	Quarterly	2100	mg/l	NA	NA	
5/04/2018	28	1	Alkalinity (as calcium Carbonate)	Quarterly	1040	mg/l	NA	NA	
5/04/2018	28	1	Aluminium	Quarterly	0.03	mg/l	NA	NA	
5/04/2018	28	1	Arsenic	Quarterly	0.161	mg/l	NA	NA	
5/04/2018	28	1	Barium	Quarterly	0.123	mg/l	NA	NA	
5/04/2018	28	1	Bicarbonate	Quarterly	1040	mg/l	NA	NA	
5/04/2018	28	1	Biological oxygen Demand	Quarterly	14	mg/l	NA	NA	
5/04/2018	28	1	Cadmium	Quarterly	0.0001	mg/l	NA	NA	
5/04/2018	28	1	Calcium	Quarterly	284	mg/l	NA	NA	
5/04/2018	28	1	Chloride	Quarterly	6840	mg/l	NA	NA	
5/04/2018	28	1	Chromium	Quarterly	0.037	mg/l	NA	NA	
5/04/2018	28	1	Conductivity	Quarterly	24200	µS/cm	NA	NA	
5/04/2018	28	1	Copper	Quarterly	0.151	mg/l	NA	NA	
5/04/2018	28	1	Dissolved Oxygen	Quarterly	3.2	mg/l	NA	NA	
5/04/2018	28	1	Fluoride	Quarterly	1.4	mg/l	NA	NA	
5/04/2018	28	1	Lead	Quarterly	0.005	mg/l	NA	NA	
5/04/2018	28	1	Magnesium	Quarterly	255	mg/l	NA	NA	
5/04/2018	28	1	Manganese	Quarterly	0.746	mg/l	NA	NA	
5/04/2018	28	1	Mercury	Quarterly	0.0004	mg/l	NA	NA	
5/04/2018	28	1	Nitrate	Quarterly	0.01	mg/l	NA	NA	



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5/04/2018	28	1	Nitrite	Quarterly	0.01	mg/l	NA	NA	
5/04/2018	28	1	Nitrogen (ammonia)	Quarterly	237	mg/l	NA	NA	
5/04/2018	28	1	Nitrogen (Total)	Quarterly	238	mg/l	NA	NA	
5/04/2018	28	1	Phosphorus (total)	Quarterly	0.6	mg/l	NA	NA	
5/04/2018	28	1	Potassium	Quarterly	1600	mg/l	NA	NA	
5/04/2018	28	1	Redox Potential	Quarterly	55	mV	NA	NA	
5/04/2018	28	1	Sodium	Quarterly	3100	mg/l	NA	NA	
5/04/2018	28	1	Sulfate	Quarterly	2260	mg/l	NA	NA	
5/04/2018	28	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
5/04/2018	28	1	Total Dissolved Solids	Quarterly	15900	mg/l	NA	NA	
5/04/2018	28	1	Total Organic Carbon	Quarterly	202	mg/l	NA	NA	
5/04/2018	28	1	Zinc	Quarterly	0.441	mg/l	NA	NA	
5/04/2018	28	1	pH	Quarterly	7.53	pH Unit	NA	NA	
5/04/2018	28	1	Benzene	Every 6 months	<1	mg/l	NA	NA	
5/04/2018	28	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	28	1	Nickel	Every 6 months	0.596	mg/l	NA	NA	
5/04/2018	28	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
5/04/2018	28	1	Tin	Every 6 months	<0.001	mg/l	NA	NA	
5/04/2018	29	1	Adsorbable Organic Halogens	Quarterly	3100	mg/l	NA	NA	
5/04/2018	29	1	Alkalinity (as calcium Carbonate)	Quarterly	5990	mg/l	NA	NA	
5/04/2018	29	1	Aluminium	Quarterly	<0.10	mg/l	NA	NA	
5/04/2018	29	1	Arsenic	Quarterly	1.32	mg/l	NA	NA	
5/04/2018	29	1	Barium	Quarterly	0.061	mg/l	NA	NA	
5/04/2018	29	1	Bicarbonate	Quarterly	5990	mg/l	NA	NA	
5/04/2018	29	1	Biological oxygen Demand	Quarterly	79	mg/l	NA	NA	
5/04/2018	29	1	Cadmium	Quarterly	<0.0010	mg/l	NA	NA	
5/04/2018	29	1	Calcium	Quarterly	20	mg/l	NA	NA	
5/04/2018	29	1	Chloride	Quarterly	8500	mg/l	NA	NA	
5/04/2018	29	1	Chromium	Quarterly	0.1	mg/l	NA	NA	
5/04/2018	29	1	Conductivity	Quarterly	39500	µS/cm	NA	NA	
5/04/2018	29	1	Copper	Quarterly	0.05	mg/l	NA	NA	
5/04/2018	29	1	Dissolved Oxygen	Quarterly	2.5	mg/l	NA	NA	
5/04/2018	29	1	Fluoride	Quarterly	2.2	mg/l	NA	NA	
5/04/2018	29	1	Lead	Quarterly	<0010	mg/l	NA	NA	



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5/04/2018	29	1	Magnesium	Quarterly	944	mg/l	NA	NA	
5/04/2018	29	1	Manganese	Quarterly	0.105	mg/l	NA	NA	
5/04/2018	29	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
5/04/2018	29	1	Nitrate	Quarterly	<0.10	mg/l	NA	NA	
5/04/2018	29	1	Nitrite	Quarterly	<0.01	mg/l	NA	NA	
5/04/2018	29	1	Nitrogen (ammonia)	Quarterly	458	mg/l	NA	NA	
5/04/2018	29	1	Nitrogen (Total)	Quarterly	490	mg/l	NA	NA	
5/04/2018	29	1	Phosphorus (total)	Quarterly	7.82	mg/l	NA	NA	
5/04/2018	29	1	Potassium	Quarterly	1800	mg/l	NA	NA	
5/04/2018	29	1	Redox Potential	Quarterly	63	mV	NA	NA	
5/04/2018	29	1	Sodium	Quarterly	7600	mg/l	NA	NA	
5/04/2018	29	1	Sulfate	Quarterly	6100	mg/l	NA	NA	
5/04/2018	29	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
5/04/2018	29	1	Total Dissolved Solids	Quarterly	28600	mg/l	NA	NA	
5/04/2018	29	1	Total Organic Carbon	Quarterly	766	mg/l	NA	NA	
5/04/2018	29	1	Zinc	Quarterly	0.252	mg/l	NA	NA	
5/04/2018	29	1	pH	Quarterly	7.81	pH Unit	NA	NA	
5/04/2018	29	1	Benzene	Every 6 months	3	mg/l	NA	NA	
5/04/2018	29	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	29	1	Nickel	Every 6 months	0.292	mg/l	NA	NA	
5/04/2018	29	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
5/04/2018	29	1	Tin	Every 6 months	0.023	mg/l	NA	NA	
	30	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Aluminium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Arsenic	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Barium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Bicarbonate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Cadmium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Calcium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Chloride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Chromium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Conductivity	Quarterly		µS/cm	NA	NA	Monitoring point not accesible, EPA have been advised



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	30	1	Copper	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Fluoride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Lead	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Magnesium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Manganese	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Mercury	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Nitrate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Nitrite	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Potassium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Redox Potential	Quarterly		mV	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Sodium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Sulfate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Total Phenolics	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Zinc	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	pH	Quarterly		pH Unit	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Benzene	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Nickel	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	30	1	Tin	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
5/04/2018	36	1	Adsorbable Organic Halogens	Quarterly	2400	mg/l	NA	NA	
5/04/2018	36	1	Alkalinity (as calcium Carbonate)	Quarterly	2700	mg/l	NA	NA	
5/04/2018	36	1	Aluminium	Quarterly	<0.10	mg/l	NA	NA	
5/04/2018	36	1	Arsenic	Quarterly	2.51	mg/l	NA	NA	
5/04/2018	36	1	Barium	Quarterly	0.522	mg/l	NA	NA	
5/04/2018	36	1	Bicarbonate	Quarterly	2700	mg/l	NA	NA	
5/04/2018	36	1	Biological oxygen Demand	Quarterly	43	mg/l	NA	NA	
5/04/2018	36	1	Cadmium	Quarterly	0.0093	mg/l	NA	NA	



Pollutant Monitoring Results - General Pollutant

Environmental Protection
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SUEZ

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5/04/2018	36	1	Calcium	Quarterly	263	mg/l	NA	NA	
5/04/2018	36	1	Chloride	Quarterly	9010	mg/l	NA	NA	
5/04/2018	36	1	Chromium	Quarterly	0.06	mg/l	NA	NA	
5/04/2018	36	1	Conductivity	Quarterly	34000	µS/cm	NA	NA	
5/04/2018	36	1	Copper	Quarterly	10.3	mg/l	NA	NA	
5/04/2018	36	1	Dissolved Oxygen	Quarterly	4.8	mg/l	NA	NA	
5/04/2018	36	1	Fluoride	Quarterly	3.9	mg/l	NA	NA	
5/04/2018	36	1	Lead	Quarterly	0.066	mg/l	NA	NA	
5/04/2018	36	1	Magnesium	Quarterly	251	mg/l	NA	NA	
5/04/2018	36	1	Manganese	Quarterly	1.51	mg/l	NA	NA	
5/04/2018	36	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
5/04/2018	36	1	Nitrate	Quarterly	0.95	mg/l	NA	NA	
5/04/2018	36	1	Nitrite	Quarterly	0.11	mg/l	NA	NA	
5/04/2018	36	1	Nitrogen (ammonia)	Quarterly	190	mg/l	NA	NA	
5/04/2018	36	1	Nitrogen (Total)	Quarterly	202	mg/l	NA	NA	
5/04/2018	36	1	Phosphorus (total)	Quarterly	8.23	mg/l	NA	NA	
5/04/2018	36	1	Potassium	Quarterly	1110	mg/l	NA	NA	
5/04/2018	36	1	Redox Potential	Quarterly	64	mV	NA	NA	
5/04/2018	36	1	Sodium	Quarterly	6710	mg/l	NA	NA	
5/04/2018	36	1	Sulfate	Quarterly	1680	mg/l	NA	NA	
5/04/2018	36	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
5/04/2018	36	1	Total Dissolved Solids	Quarterly	21200	mg/l	NA	NA	
5/04/2018	36	1	Total Organic Carbon	Quarterly	251	mg/l	NA	NA	
5/04/2018	36	1	Zinc	Quarterly	9.41	mg/l	NA	NA	
5/04/2018	36	1	pH	Quarterly	8.19	pH Unit	NA	NA	
5/04/2018	36	1	Benzene	Every 6 months	<5	mg/l	NA	NA	
5/04/2018	36	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	36	1	Nickel	Every 6 months	0.406	mg/l	NA	NA	
5/04/2018	36	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
5/04/2018	36	1	Tin	Every 6 months	<0.010	mg/l	NA	NA	
	37	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.



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	37	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	37	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.



Pollutant Monitoring Results - General Pollutant

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5/04/2018	38	1	Adsorbable Organic Halogens	Quarterly	3000	mg/l	NA	NA	
5/04/2018	38	1	Alkalinity (as calcium Carbonate)	Quarterly	2160	mg/l	NA	NA	
5/04/2018	38	1	Aluminium	Quarterly	0.1	mg/l	NA	NA	
5/04/2018	38	1	Arsenic	Quarterly	0.656	mg/l	NA	NA	
5/04/2018	38	1	Barium	Quarterly	0.157	mg/l	NA	NA	
5/04/2018	38	1	Bicarbonate	Quarterly	2160	mg/l	NA	NA	
5/04/2018	38	1	Biological oxygen Demand	Quarterly	49	mg/l	NA	NA	
5/04/2018	38	1	Cadmium	Quarterly	0.0005	mg/l	NA	NA	
5/04/2018	38	1	Calcium	Quarterly	181	mg/l	NA	NA	
5/04/2018	38	1	Chloride	Quarterly	6830	mg/l	NA	NA	
5/04/2018	38	1	Chromium	Quarterly	0.048	mg/l	NA	NA	
5/04/2018	38	1	Conductivity	Quarterly	29000	µS/cm	NA	NA	
5/04/2018	38	1	Copper	Quarterly	4.67	mg/l	NA	NA	
5/04/2018	38	1	Dissolved Oxygen	Quarterly	2.9	mg/l	NA	NA	
5/04/2018	38	1	Fluoride	Quarterly	4.4	mg/l	NA	NA	
5/04/2018	38	1	Lead	Quarterly	0.039	mg/l	NA	NA	
5/04/2018	38	1	Magnesium	Quarterly	91	mg/l	NA	NA	
5/04/2018	38	1	Manganese	Quarterly	0.282	mg/l	NA	NA	
5/04/2018	38	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
5/04/2018	38	1	Nitrate	Quarterly	<0.01	mg/l	NA	NA	
5/04/2018	38	1	Nitrite	Quarterly	<0.01	mg/l	NA	NA	
5/04/2018	38	1	Nitrogen (ammonia)	Quarterly	278	mg/l	NA	NA	
5/04/2018	38	1	Nitrogen (Total)	Quarterly	298	mg/l	NA	NA	
5/04/2018	38	1	Phosphorus (total)	Quarterly	3.2	mg/l	NA	NA	
5/04/2018	38	1	Potassium	Quarterly	2060	mg/l	NA	NA	
5/04/2018	38	1	Redox Potential	Quarterly	-29	mV	NA	NA	
5/04/2018	38	1	Sodium	Quarterly	4570	mg/l	NA	NA	
5/04/2018	38	1	Sulfate	Quarterly	2950	mg/l	NA	NA	



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5/04/2018	38	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
5/04/2018	38	1	Total Dissolved Solids	Quarterly	18900	mg/l	NA	NA	
5/04/2018	38	1	Total Organic Carbon	Quarterly	251	mg/l	NA	NA	
5/04/2018	38	1	Zinc	Quarterly	1.14	mg/l	NA	NA	
5/04/2018	38	1	pH	Quarterly	8.11	pH Unit	NA	NA	
5/04/2018	38	1	Benzene	Every 6 months	1	mg/l	NA	NA	
5/04/2018	38	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	38	1	Nickel	Every 6 months	0.856	mg/l	NA	NA	
5/04/2018	38	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
5/04/2018	38	1	Tin	Every 6 months	0.033	mg/l	NA	NA	
	39	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.



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	39	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	39	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
5/04/2018	40	1	Adsorbable Organic Halogens	Quarterly	780	mg/l	NA	NA	
5/04/2018	40	1	Alkalinity (as calcium Carbonate)	Quarterly	4330	mg/l	NA	NA	
5/04/2018	40	1	Aluminium	Quarterly	1.36	mg/l	NA	NA	
5/04/2018	40	1	Arsenic	Quarterly	0.081	mg/l	NA	NA	
5/04/2018	40	1	Barium	Quarterly	0.824	mg/l	NA	NA	
5/04/2018	40	1	Bicarbonate	Quarterly	<1	mg/l	NA	NA	
5/04/2018	40	1	Biological oxygen Demand	Quarterly	359	mg/l	NA	NA	
5/04/2018	40	1	Cadmium	Quarterly	<0.0001	mg/l	NA	NA	
5/04/2018	40	1	Calcium	Quarterly	44	mg/l	NA	NA	
5/04/2018	40	1	Chloride	Quarterly	4340	mg/l	NA	NA	
5/04/2018	40	1	Chromium	Quarterly	0.231	mg/l	NA	NA	
5/04/2018	40	1	Conductivity	Quarterly	18000	µS/cm	NA	NA	
5/04/2018	40	1	Copper	Quarterly	0.03	mg/l	NA	NA	
5/04/2018	40	1	Dissolved Oxygen	Quarterly	0.6	mg/l	NA	NA	
5/04/2018	40	1	Fluoride	Quarterly	0.9	mg/l	NA	NA	
5/04/2018	40	1	Lead	Quarterly	0.006	mg/l	NA	NA	
5/04/2018	40	1	Magnesium	Quarterly	159	mg/l	NA	NA	
5/04/2018	40	1	Manganese	Quarterly	0.39	mg/l	NA	NA	
5/04/2018	40	1	Mercury	Quarterly	0.0022	mg/l	NA	NA	
5/04/2018	40	1	Nitrate	Quarterly	<1	mg/l	NA	NA	



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5/04/2018	40	1	Nitrite	Quarterly	<0.01	mg/l	NA	NA	
5/04/2018	40	1	Nitrogen (ammonia)	Quarterly	653	mg/l	NA	NA	
5/04/2018	40	1	Nitrogen (Total)	Quarterly	782	mg/l	NA	NA	
5/04/2018	40	1	Phosphorus (total)	Quarterly	5.65	mg/l	NA	NA	
5/04/2018	40	1	Potassium	Quarterly	255	mg/l	NA	NA	
5/04/2018	40	1	Redox Potential	Quarterly	71	mV	NA	NA	
5/04/2018	40	1	Sodium	Quarterly	2510	mg/l	NA	NA	
5/04/2018	40	1	Sulfate	Quarterly	<20	mg/l	NA	NA	
5/04/2018	40	1	Total Phenolics	Quarterly	<0.25	mg/l	NA	NA	
5/04/2018	40	1	Total Dissolved Solids	Quarterly	8960	mg/l	NA	NA	
5/04/2018	40	1	Total Organic Carbon	Quarterly	757	mg/l	NA	NA	
5/04/2018	40	1	Zinc	Quarterly	0.105	mg/l	NA	NA	
5/04/2018	40	1	pH	Quarterly	7.64	pH Unit	NA	NA	
5/04/2018	40	1	Benzene	Every 6 months	22	mg/l	NA	NA	
5/04/2018	40	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	40	1	Nickel	Every 6 months	0.126	mg/l	NA	NA	
5/04/2018	40	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0094	mg/l	NA	NA	
5/04/2018	40	1	Tin	Every 6 months	0.018	mg/l	NA	NA	
5/04/2018	41	1	Adsorbable Organic Halogens	Quarterly	3400	mg/l	NA	NA	
5/04/2018	41	1	Alkalinity (as calcium Carbonate)	Quarterly	2730	mg/l	NA	NA	
5/04/2018	41	1	Aluminium	Quarterly	0.09	mg/l	NA	NA	
5/04/2018	41	1	Arsenic	Quarterly	0.524	mg/l	NA	NA	
5/04/2018	41	1	Barium	Quarterly	0.175	mg/l	NA	NA	
5/04/2018	41	1	Bicarbonate	Quarterly	2730	mg/l	NA	NA	
5/04/2018	41	1	Biological oxygen Demand	Quarterly	31	mg/l	NA	NA	
5/04/2018	41	1	Cadmium	Quarterly	0.0026	mg/l	NA	NA	
5/04/2018	41	1	Calcium	Quarterly	145	mg/l	NA	NA	
5/04/2018	41	1	Chloride	Quarterly	7940	mg/l	NA	NA	
5/04/2018	41	1	Chromium	Quarterly	0.055	mg/l	NA	NA	
5/04/2018	41	1	Conductivity	Quarterly	34400	µS/cm	NA	NA	
5/04/2018	41	1	Copper	Quarterly	1.42	mg/l	NA	NA	
5/04/2018	41	1	Dissolved Oxygen	Quarterly	3	mg/l	NA	NA	
5/04/2018	41	1	Fluoride	Quarterly	0.3	mg/l	NA	NA	
5/04/2018	41	1	Lead	Quarterly	0.015	mg/l	NA	NA	



Pollutant Monitoring Results - General Pollutant

Environmental Protection
Licence Number:

4068

Licencee Name:

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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
5/04/2018	41	1	Magnesium	Quarterly	566	mg/l	NA	NA	
5/04/2018	41	1	Manganese	Quarterly	0.124	mg/l	NA	NA	
5/04/2018	41	1	Mercury	Quarterly	0.0002	mg/l	NA	NA	
5/04/2018	41	1	Nitrate	Quarterly	31.3	mg/l	NA	NA	
5/04/2018	41	1	Nitrite	Quarterly	57.7	mg/l	NA	NA	
5/04/2018	41	1	Nitrogen (ammonia)	Quarterly	921	mg/l	NA	NA	
5/04/2018	41	1	Nitrogen (Total)	Quarterly	972	mg/l	NA	NA	
5/04/2018	41	1	Phosphorus (total)	Quarterly	2.54	mg/l	NA	NA	
5/04/2018	41	1	Potassium	Quarterly	2680	mg/l	NA	NA	
5/04/2018	41	1	Redox Potential	Quarterly	53	mV	NA	NA	
5/04/2018	41	1	Sodium	Quarterly	3840	mg/l	NA	NA	
5/04/2018	41	1	Sulfate	Quarterly	4820	mg/l	NA	NA	
5/04/2018	41	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
5/04/2018	41	1	Total Dissolved Solids	Quarterly	22200	mg/l	NA	NA	
5/04/2018	41	1	Total Organic Carbon	Quarterly	251	mg/l	NA	NA	
5/04/2018	41	1	Zinc	Quarterly	0.67	mg/l	NA	NA	
5/04/2018	41	1	pH	Quarterly	7.88	pH Unit	NA	NA	
5/04/2018	41	1	Benzene	Every 6 months	<5	mg/l	NA	NA	
5/04/2018	41	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	41	1	Nickel	Every 6 months	0.772	mg/l	NA	NA	
5/04/2018	41	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
5/04/2018	41	1	Tin	Every 6 months	0.015	mg/l	NA	NA	
	42	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Aluminium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Arsenic	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Barium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Bicarbonate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Cadmium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Calcium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Chloride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Chromium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
	42	1	Conductivity	Quarterly		µS/cm	NA	NA	Monitoring point not accesible, EPA have been advised



Pollutant Monitoring Results - General Pollutant

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	42	1	Copper	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Fluoride	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Lead	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Magnesium	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Manganese	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Mercury	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Nitrate	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Nitrite	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Potassium	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Redox Potential	Quarterly		mV	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Sodium	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Sulfate	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Total Phenolics	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Zinc	Quarterly		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	pH	Quarterly		pH Unit	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Benzene	Every 6 months		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Nickel	Every 6 months		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	42	1	Tin	Every 6 months		mg/l	NA	NA	Monitoring point not accessible, EPA have been advised
	43	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Aluminium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Arsenic	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Barium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Bicarbonate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Cadmium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.



Pollutant Monitoring Results - General Pollutant

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	43	1	Calcium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Chloride	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Chromium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Conductivity	Quarterly		µS/cm	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Copper	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Fluoride	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Lead	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Magnesium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Manganese	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Mercury	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Nitrate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Nitrite	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Potassium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Redox Potential	Quarterly		mV	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Sodium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Sulfate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Total Phenolics	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Zinc	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	pH	Quarterly		pH Unit	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Benzene	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Nickel	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
	43	1	Tin	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
5/04/2018	44	1	Adsorbable Organic Halogens	Quarterly	2000	mg/l	NA	NA	
5/04/2018	44	1	Alkalinity (as calcium Carbonate)	Quarterly	9870	mg/l	NA	NA	
5/04/2018	44	1	Aluminium	Quarterly	1.79	mg/l	NA	NA	
5/04/2018	44	1	Arsenic	Quarterly	0.245	mg/l	NA	NA	



Pollutant Monitoring Results - General Pollutant

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5/04/2018	44	1	Barium	Quarterly	1.37	mg/l	NA	NA	
5/04/2018	44	1	Bicarbonate	Quarterly	<1	mg/l	NA	NA	
5/04/2018	44	1	Biological oxygen Demand	Quarterly	152	mg/l	NA	NA	
5/04/2018	44	1	Cadmium	Quarterly	0.0001	mg/l	NA	NA	
5/04/2018	44	1	Calcium	Quarterly	88	mg/l	NA	NA	
5/04/2018	44	1	Chloride	Quarterly	4020	mg/l	NA	NA	
5/04/2018	44	1	Chromium	Quarterly	0.635	mg/l	NA	NA	
5/04/2018	44	1	Conductivity	Quarterly	22600	µS/cm	NA	NA	
5/04/2018	44	1	Copper	Quarterly	0.031	mg/l	NA	NA	
5/04/2018	44	1	Dissolved Oxygen	Quarterly	2.3	mg/l	NA	NA	
5/04/2018	44	1	Fluoride	Quarterly	2	mg/l	NA	NA	
5/04/2018	44	1	Lead	Quarterly	0.01	mg/l	NA	NA	
5/04/2018	44	1	Magnesium	Quarterly	300	mg/l	NA	NA	
5/04/2018	44	1	Manganese	Quarterly	0.609	mg/l	NA	NA	
5/04/2018	44	1	Mercury	Quarterly	0.0002	mg/l	NA	NA	
5/04/2018	44	1	Nitrate	Quarterly	<1	mg/l	NA	NA	
5/04/2018	44	1	Nitrite	Quarterly	<0.2	mg/l	NA	NA	
5/04/2018	44	1	Nitrogen (ammonia)	Quarterly	647	mg/l	NA	NA	
5/04/2018	44	1	Nitrogen (Total)	Quarterly	916	mg/l	NA	NA	
5/04/2018	44	1	Phosphorus (total)	Quarterly	10.7	mg/l	NA	NA	
5/04/2018	44	1	Potassium	Quarterly	388	mg/l	NA	NA	
5/04/2018	44	1	Redox Potential	Quarterly	66	mV	NA	NA	
5/04/2018	44	1	Sodium	Quarterly	4140	mg/l	NA	NA	
5/04/2018	44	1	Sulfate	Quarterly	<20	mg/l	NA	NA	
5/04/2018	44	1	Total Phenolics	Quarterly	<0.50	mg/l	NA	NA	
5/04/2018	44	1	Total Dissolved Solids	Quarterly	13300	mg/l	NA	NA	
5/04/2018	44	1	Total Organic Carbon	Quarterly	1400	mg/l	NA	NA	
5/04/2018	44	1	Zinc	Quarterly	0.243	mg/l	NA	NA	
5/04/2018	44	1	pH	Quarterly	7.82	pH Unit	NA	NA	
5/04/2018	44	1	Benzene	Every 6 months	0.0009	mg/l	NA	NA	
5/04/2018	44	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	44	1	Nickel	Every 6 months	0.329	mg/l	NA	NA	
5/04/2018	44	1	Polycyclic aromatic hydrocarbons	Every 6 months	0.0022	mg/l	NA	NA	
5/04/2018	44	1	Tin	Every 6 months	0.136	mg/l	NA	NA	



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5/04/2018	52	1	Adsorbable Organic Halogens	Quarterly	1900	mg/l	NA	NA	
5/04/2018	52	1	Alkalinity (as calcium Carbonate)	Quarterly	3080	mg/l	NA	NA	
5/04/2018	52	1	Aluminium	Quarterly	1.09	mg/l	NA	NA	
5/04/2018	52	1	Arsenic	Quarterly	5.7	mg/l	NA	NA	
5/04/2018	52	1	Barium	Quarterly	0.324	mg/l	NA	NA	
5/04/2018	52	1	Bicarbonate	Quarterly	3080	mg/l	NA	NA	
5/04/2018	52	1	Biological oxygen Demand	Quarterly	146	mg/l	NA	NA	
5/04/2018	52	1	Cadmium	Quarterly	<0.0010	mg/l	NA	NA	
5/04/2018	52	1	Calcium	Quarterly	143	mg/l	NA	NA	
5/04/2018	52	1	Chloride	Quarterly	12400	mg/l	NA	NA	
5/04/2018	52	1	Chromium	Quarterly	0.0026	mg/l	NA	NA	
5/04/2018	52	1	Conductivity	Quarterly	43300	µS/cm	NA	NA	
5/04/2018	52	1	Copper	Quarterly	0.23	mg/l	NA	NA	
5/04/2018	52	1	Dissolved Oxygen	Quarterly	<0.1	mg/l	NA	NA	
5/04/2018	52	1	Fluoride	Quarterly	3.4	mg/l	NA	NA	
5/04/2018	52	1	Lead	Quarterly	0.022	mg/l	NA	NA	
5/04/2018	52	1	Magnesium	Quarterly	251	mg/l	NA	NA	
5/04/2018	52	1	Manganese	Quarterly	0.813	mg/l	NA	NA	
5/04/2018	52	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
5/04/2018	52	1	Nitrate	Quarterly	0.14	mg/l	NA	NA	
5/04/2018	52	1	Nitrite	Quarterly	0.02	mg/l	NA	NA	
5/04/2018	52	1	Nitrogen (ammonia)	Quarterly	173	mg/l	NA	NA	
5/04/2018	52	1	Nitrogen (Total)	Quarterly	179	mg/l	NA	NA	
5/04/2018	52	1	Phosphorus (total)	Quarterly	7.53	mg/l	NA	NA	
5/04/2018	52	1	Potassium	Quarterly	1290	mg/l	NA	NA	
5/04/2018	52	1	Redox Potential	Quarterly	-397	mV	NA	NA	
5/04/2018	52	1	Sodium	Quarterly	8750	mg/l	NA	NA	
5/04/2018	52	1	Sulfate	Quarterly	2280	mg/l	NA	NA	
5/04/2018	52	1	Total Phenolics	Quarterly	0.87	mg/l	NA	NA	
5/04/2018	52	1	Total Dissolved Solids	Quarterly	28300	mg/l	NA	NA	
5/04/2018	52	1	Total Organic Carbon	Quarterly	380	mg/l	NA	NA	
5/04/2018	52	1	Zinc	Quarterly	0.298	mg/l	NA	NA	
5/04/2018	52	1	pH	Quarterly	7.84	pH Unit	NA	NA	
5/04/2018	52	1	Benzene	Every 6 months	20	mg/l	NA	NA	



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5/04/2018	52	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
5/04/2018	52	1	Nickel	Every 6 months	0.35	mg/l	NA	NA	
5/04/2018	52	1	Polycyclic aromatic hydrocarbons	Every 6 months	0.0092	mg/l	NA	NA	
5/04/2018	52	1	Tin	Every 6 months	<0.010	mg/l	NA	NA	
	53	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.



Pollutant Monitoring Results - General Pollutant

Environmental Protection
Licence Number:

4068

Licencee Name:

SUEZ

Facility Address:

1725 Elizabeth Drive,
KEMPS CREEK, NSW, 2178

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 SUEZ'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 SUEZ. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au

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

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
	53	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
	53	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.