



## 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
6/10/2017	26	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Aluminium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Arsenic	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Barium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Bicarbonate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Cadmium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Calcium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Chloride	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Chromium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Conductivity	Quarterly		µS/cm	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Copper	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Fluoride	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Lead	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Magnesium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Manganese	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Mercury	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Nitrate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Nitrite	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Potassium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Redox Potential	Quarterly		mV	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Sodium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Sulfate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.



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6/10/2017	26	1	Total Phenolics	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Zinc	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	pH	Quarterly		pH Unit	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Benzene	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Nickel	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	26	1	Tin	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
16/10/2017	27	1	Adsorbable Organic Halogens	Quarterly	1500	mg/l	NA	NA	
16/10/2017	27	1	Alkalinity (as calcium Carbonate)	Quarterly	669	mg/l	NA	NA	
16/10/2017	27	1	Aluminium	Quarterly	1.53	mg/l	NA	NA	
16/10/2017	27	1	Arsenic	Quarterly	0.004	mg/l	NA	NA	
16/10/2017	27	1	Barium	Quarterly	0.466	mg/l	NA	NA	
16/10/2017	27	1	Bicarbonate	Quarterly	<1	mg/l	NA	NA	
16/10/2017	27	1	Biological oxygen Demand	Quarterly	<2	mg/l	NA	NA	
16/10/2017	27	1	Cadmium	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	27	1	Calcium	Quarterly	387	mg/l	NA	NA	
16/10/2017	27	1	Chloride	Quarterly	1340	mg/l	NA	NA	
16/10/2017	27	1	Chromium	Quarterly	<0.001	mg/l	NA	NA	
16/10/2017	27	1	Conductivity	Quarterly	7590	µS/cm	NA	NA	
16/10/2017	27	1	Copper	Quarterly	0.051	mg/l	NA	NA	
16/10/2017	27	1	Dissolved Oxygen	Quarterly	9.2	mg/l	NA	NA	
16/10/2017	27	1	Fluoride	Quarterly	0.6	mg/l	NA	NA	
16/10/2017	27	1	Lead	Quarterly	0.033	mg/l	NA	NA	
16/10/2017	27	1	Magnesium	Quarterly	<1	mg/l	NA	NA	
16/10/2017	27	1	Manganese	Quarterly	0.014	mg/l	NA	NA	
16/10/2017	27	1	Mercury	Quarterly	0.0001	mg/l	NA	NA	
16/10/2017	27	1	Nitrate	Quarterly	3.32	mg/l	NA	NA	
16/10/2017	27	1	Nitrite	Quarterly	0.02	mg/l	NA	NA	
16/10/2017	27	1	Nitrogen (ammonia)	Quarterly	4.3	mg/l	NA	NA	
16/10/2017	27	1	Nitrogen (Total)	Quarterly	7.9	mg/l	NA	NA	
16/10/2017	27	1	Phosphorus (total)	Quarterly	0.1	mg/l	NA	NA	



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16/10/2017	27	1	Potassium	Quarterly	39	mg/l	NA	NA	
16/10/2017	27	1	Redox Potential	Quarterly	-72	mV	NA	NA	
16/10/2017	27	1	Sodium	Quarterly	925	mg/l	NA	NA	
16/10/2017	27	1	Sulfate	Quarterly	36	mg/l	NA	NA	
16/10/2017	27	1	Total Phenolics	Quarterly	0.22	mg/l	NA	NA	
16/10/2017	27	1	Total Dissolved Solids	Quarterly	3810	mg/l	NA	NA	
16/10/2017	27	1	Total Organic Carbon	Quarterly	49	mg/l	NA	NA	
16/10/2017	27	1	Zinc	Quarterly	0.267	mg/l	NA	NA	
16/10/2017	27	1	pH	Quarterly	11.8	pH Unit	NA	NA	
16/10/2017	27	1	Benzene	Every 6 months	<1	mg/l	NA	NA	
16/10/2017	27	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
16/10/2017	27	1	Nickel	Every 6 months	0.009	mg/l	NA	NA	
16/10/2017	27	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
16/10/2017	27	1	Tin	Every 6 months	0.001	mg/l	NA	NA	
16/10/2017	28	1	Adsorbable Organic Halogens	Quarterly	1900	mg/l	NA	NA	
16/10/2017	28	1	Alkalinity (as calcium Carbonate)	Quarterly	17400	mg/l	NA	NA	
16/10/2017	28	1	Aluminium	Quarterly	0.2	mg/l	NA	NA	
16/10/2017	28	1	Arsenic	Quarterly	0.09	mg/l	NA	NA	
16/10/2017	28	1	Barium	Quarterly	0.108	mg/l	NA	NA	
16/10/2017	28	1	Bicarbonate	Quarterly	1740	mg/l	NA	NA	
16/10/2017	28	1	Biological oxygen Demand	Quarterly	32	mg/l	NA	NA	
16/10/2017	28	1	Cadmium	Quarterly	0.007	mg/l	NA	NA	
16/10/2017	28	1	Calcium	Quarterly	175	mg/l	NA	NA	
16/10/2017	28	1	Chloride	Quarterly	5070	mg/l	NA	NA	
16/10/2017	28	1	Chromium	Quarterly	0.029	mg/l	NA	NA	
16/10/2017	28	1	Conductivity	Quarterly	19600	µS/cm	NA	NA	
16/10/2017	28	1	Copper	Quarterly	0.139	mg/l	NA	NA	
16/10/2017	28	1	Dissolved Oxygen	Quarterly	9	mg/l	NA	NA	
16/10/2017	28	1	Fluoride	Quarterly	2.1	mg/l	NA	NA	
16/10/2017	28	1	Lead	Quarterly	0.005	mg/l	NA	NA	
16/10/2017	28	1	Magnesium	Quarterly	246	mg/l	NA	NA	
16/10/2017	28	1	Manganese	Quarterly	0.571	mg/l	NA	NA	
16/10/2017	28	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	28	1	Nitrate	Quarterly	5.08	mg/l	NA	NA	



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16/10/2017	28	1	Nitrite	Quarterly	0.03	mg/l	NA	NA	
16/10/2017	28	1	Nitrogen (ammonia)	Quarterly	325	mg/l	NA	NA	
16/10/2017	28	1	Nitrogen (Total)	Quarterly	320	mg/l	NA	NA	
16/10/2017	28	1	Phosphorus (total)	Quarterly	1.2	mg/l	NA	NA	
16/10/2017	28	1	Potassium	Quarterly	1380	mg/l	NA	NA	
16/10/2017	28	1	Redox Potential	Quarterly	115	mV	NA	NA	
16/10/2017	28	1	Sodium	Quarterly	2660	mg/l	NA	NA	
16/10/2017	28	1	Sulfate	Quarterly	1250	mg/l	NA	NA	
16/10/2017	28	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
16/10/2017	28	1	Total Dissolved Solids	Quarterly	11500	mg/l	NA	NA	
16/10/2017	28	1	Total Organic Carbon	Quarterly	153	mg/l	NA	NA	
16/10/2017	28	1	Zinc	Quarterly	0.359	mg/l	NA	NA	
16/10/2017	28	1	pH	Quarterly	7.91	pH Unit	NA	NA	
16/10/2017	28	1	Benzene	Every 6 months	<1	mg/l	NA	NA	
16/10/2017	28	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
16/10/2017	28	1	Nickel	Every 6 months	0.381	mg/l	NA	NA	
16/10/2017	28	1	Polycyclic aromatic hydrocarbons	Every 6 months	0.0012	mg/l	NA	NA	
16/10/2017	28	1	Tin	Every 6 months	0.004	mg/l	NA	NA	
16/10/2017	29	1	Adsorbable Organic Halogens	Quarterly	4000	mg/l	NA	NA	
16/10/2017	29	1	Alkalinity (as calcium Carbonate)	Quarterly	6300	mg/l	NA	NA	
16/10/2017	29	1	Aluminium	Quarterly	0.36	mg/l	NA	NA	
16/10/2017	29	1	Arsenic	Quarterly	1.08	mg/l	NA	NA	
16/10/2017	29	1	Barium	Quarterly	1.25	mg/l	NA	NA	
16/10/2017	29	1	Bicarbonate	Quarterly	6910	mg/l	NA	NA	
16/10/2017	29	1	Biological oxygen Demand	Quarterly	35	mg/l	NA	NA	
16/10/2017	29	1	Cadmium	Quarterly	<0.001	mg/l	NA	NA	
16/10/2017	29	1	Calcium	Quarterly	11	mg/l	NA	NA	
16/10/2017	29	1	Chloride	Quarterly	9100	mg/l	NA	NA	
16/10/2017	29	1	Chromium	Quarterly	0.12	mg/l	NA	NA	
16/10/2017	29	1	Conductivity	Quarterly	40200	µS/cm	NA	NA	
16/10/2017	29	1	Copper	Quarterly	0.469	mg/l	NA	NA	
16/10/2017	29	1	Dissolved Oxygen	Quarterly	8.4	mg/l	NA	NA	
16/10/2017	29	1	Fluoride	Quarterly	1.8	mg/l	NA	NA	
16/10/2017	29	1	Lead	Quarterly	<0.01	mg/l	NA	NA	



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16/10/2017	29	1	Magnesium	Quarterly	883	mg/l	NA	NA	
16/10/2017	29	1	Manganese	Quarterly	0.162	mg/l	NA	NA	
16/10/2017	29	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	29	1	Nitrate	Quarterly	8.21	mg/l	NA	NA	
16/10/2017	29	1	Nitrite	Quarterly	<0.01	mg/l	NA	NA	
16/10/2017	29	1	Nitrogen (ammonia)	Quarterly	537	mg/l	NA	NA	
16/10/2017	29	1	Nitrogen (Total)	Quarterly	546	mg/l	NA	NA	
16/10/2017	29	1	Phosphorus (total)	Quarterly	10	mg/l	NA	NA	
16/10/2017	29	1	Potassium	Quarterly	2330	mg/l	NA	NA	
16/10/2017	29	1	Redox Potential	Quarterly	-10	mV	NA	NA	
16/10/2017	29	1	Sodium	Quarterly	1000	mg/l	NA	NA	
16/10/2017	29	1	Sulfate	Quarterly	4920	mg/l	NA	NA	
16/10/2017	29	1	Total Phenolics	Quarterly	0.17	mg/l	NA	NA	
16/10/2017	29	1	Total Dissolved Solids	Quarterly	29400	mg/l	NA	NA	
16/10/2017	29	1	Total Organic Carbon	Quarterly	720	mg/l	NA	NA	
16/10/2017	29	1	Zinc	Quarterly	0.521	mg/l	NA	NA	
16/10/2017	29	1	pH	Quarterly	8.04	pH Unit	NA	NA	
16/10/2017	29	1	Benzene	Every 6 months	3	mg/l	NA	NA	
16/10/2017	29	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
16/10/2017	29	1	Nickel	Every 6 months	0.305	mg/l	NA	NA	
16/10/2017	29	1	Polycyclic aromatic hydrocarbons	Every 6 months	0.0263	mg/l	NA	NA	
16/10/2017	29	1	Tin	Every 6 months	0.029	mg/l	NA	NA	
6/10/2017	30	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Aluminium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Arsenic	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Barium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Bicarbonate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Cadmium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Calcium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Chloride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Chromium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Conductivity	Quarterly		µS/cm	NA	NA	Monitoring point not accesible, EPA have been advised



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6/10/2017	30	1	Copper	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Fluoride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Lead	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Magnesium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Manganese	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Mercury	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Nitrate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Nitrite	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Potassium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Redox Potential	Quarterly		mV	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Sodium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Sulfate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Total Phenolics	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Zinc	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	pH	Quarterly		pH Unit	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Benzene	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Nickel	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	30	1	Tin	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	36	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.





## Pollutant Monitoring Results - General Pollutant

Environmental Protection  
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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
6/10/2017	36	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	36	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.



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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
6/10/2017	37	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	37	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.





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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
16/10/2017	38	1	Adsorbable Organic Halogens	Quarterly	4500	mg/l	NA	NA	
16/10/2017	38	1	Alkalinity (as calcium Carbonate)	Quarterly	1730	mg/l	NA	NA	
16/10/2017	38	1	Aluminium	Quarterly	1.62	mg/l	NA	NA	
16/10/2017	38	1	Arsenic	Quarterly	0.138	mg/l	NA	NA	
16/10/2017	38	1	Barium	Quarterly	0.138	mg/l	NA	NA	
16/10/2017	38	1	Bicarbonate	Quarterly	1730	mg/l	NA	NA	
16/10/2017	38	1	Biological oxygen Demand	Quarterly	40	mg/l	NA	NA	
16/10/2017	38	1	Cadmium	Quarterly	0.006	mg/l	NA	NA	
16/10/2017	38	1	Calcium	Quarterly	403	mg/l	NA	NA	
16/10/2017	38	1	Chloride	Quarterly	7000	mg/l	NA	NA	
16/10/2017	38	1	Chromium	Quarterly	0.038	mg/l	NA	NA	
16/10/2017	38	1	Conductivity	Quarterly	27600	µS/cm	NA	NA	
16/10/2017	38	1	Copper	Quarterly	0.573	mg/l	NA	NA	
16/10/2017	38	1	Dissolved Oxygen	Quarterly	7.7	mg/l	NA	NA	
16/10/2017	38	1	Fluoride	Quarterly	2.8	mg/l	NA	NA	
16/10/2017	38	1	Lead	Quarterly	0.012	mg/l	NA	NA	
16/10/2017	38	1	Magnesium	Quarterly	179	mg/l	NA	NA	
16/10/2017	38	1	Manganese	Quarterly	0.937	mg/l	NA	NA	
16/10/2017	38	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	38	1	Nitrate	Quarterly	3.81	mg/l	NA	NA	
16/10/2017	38	1	Nitrite	Quarterly	0.01	mg/l	NA	NA	
16/10/2017	38	1	Nitrogen (ammonia)	Quarterly	278	mg/l	NA	NA	
16/10/2017	38	1	Nitrogen (Total)	Quarterly	302	mg/l	NA	NA	
16/10/2017	38	1	Phosphorus (total)	Quarterly	1.46	mg/l	NA	NA	
16/10/2017	38	1	Potassium	Quarterly	2270	mg/l	NA	NA	
16/10/2017	38	1	Redox Potential	Quarterly	105	mV	NA	NA	
16/10/2017	38	1	Sodium	Quarterly	4250	mg/l	NA	NA	
16/10/2017	38	1	Sulfate	Quarterly	2760	mg/l	NA	NA	



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16/10/2017	38	1	Total Phenolics	Quarterly	<0.05	mg/l	NA	NA	
16/10/2017	38	1	Total Dissolved Solids	Quarterly	17400	mg/l	NA	NA	
16/10/2017	38	1	Total Organic Carbon	Quarterly	183	mg/l	NA	NA	
16/10/2017	38	1	Zinc	Quarterly	0.353	mg/l	NA	NA	
16/10/2017	38	1	pH	Quarterly	7.71	pH Unit	NA	NA	
16/10/2017	38	1	Benzene	Every 6 months	0.0001	mg/l	NA	NA	
16/10/2017	38	1	Chlorinated Hydrocarbons	Every 6 months	<0.00005	mg/l	NA	NA	
16/10/2017	38	1	Nickel	Every 6 months	1.06	mg/l	NA	NA	
16/10/2017	38	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.00005	mg/l	NA	NA	
16/10/2017	38	1	Tin	Every 6 months	0.022	mg/l	NA	NA	
6/10/2017	39	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.



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6/10/2017	39	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	39	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
16/10/2017	40	1	Adsorbable Organic Halogens	Quarterly	3700	mg/l	NA	NA	
16/10/2017	40	1	Alkalinity (as calcium Carbonate)	Quarterly	6420	mg/l	NA	NA	
16/10/2017	40	1	Aluminium	Quarterly	0.46	mg/l	NA	NA	
16/10/2017	40	1	Arsenic	Quarterly	0.148	mg/l	NA	NA	
16/10/2017	40	1	Barium	Quarterly	0.187	mg/l	NA	NA	
16/10/2017	40	1	Bicarbonate	Quarterly	8080	mg/l	NA	NA	
16/10/2017	40	1	Biological oxygen Demand	Quarterly	472	mg/l	NA	NA	
16/10/2017	40	1	Cadmium	Quarterly	0.0023	mg/l	NA	NA	
16/10/2017	40	1	Calcium	Quarterly	34	mg/l	NA	NA	
16/10/2017	40	1	Chloride	Quarterly	4650	mg/l	NA	NA	
16/10/2017	40	1	Chromium	Quarterly	0.319	mg/l	NA	NA	
16/10/2017	40	1	Conductivity	Quarterly	23100	µS/cm	NA	NA	
16/10/2017	40	1	Copper	Quarterly	0.078	mg/l	NA	NA	
16/10/2017	40	1	Dissolved Oxygen	Quarterly	<0.1	mg/l	NA	NA	
16/10/2017	40	1	Fluoride	Quarterly	1	mg/l	NA	NA	
16/10/2017	40	1	Lead	Quarterly	0.01	mg/l	NA	NA	
16/10/2017	40	1	Magnesium	Quarterly	151	mg/l	NA	NA	
16/10/2017	40	1	Manganese	Quarterly	0.631	mg/l	NA	NA	
16/10/2017	40	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	40	1	Nitrate	Quarterly	0.62	mg/l	NA	NA	



## Pollutant Monitoring Results - General Pollutant

Environmental Protection  
Licence Number:

4068

Licencee Name:

SUEZ

Facility Address:

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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
16/10/2017	40	1	Nitrite	Quarterly	0.38	mg/l	NA	NA	
16/10/2017	40	1	Nitrogen (ammonia)	Quarterly	984	mg/l	NA	NA	
16/10/2017	40	1	Nitrogen (Total)	Quarterly	1090	mg/l	NA	NA	
16/10/2017	40	1	Phosphorus (total)	Quarterly	5.3	mg/l	NA	NA	
16/10/2017	40	1	Potassium	Quarterly	511	mg/l	NA	NA	
16/10/2017	40	1	Redox Potential	Quarterly	-350	mV	NA	NA	
16/10/2017	40	1	Sodium	Quarterly	4480	mg/l	NA	NA	
16/10/2017	40	1	Sulfate	Quarterly	47	mg/l	NA	NA	
16/10/2017	40	1	Total Phenolics	Quarterly	0.88	mg/l	NA	NA	
16/10/2017	40	1	Total Dissolved Solids	Quarterly	11800	mg/l	NA	NA	
16/10/2017	40	1	Total Organic Carbon	Quarterly	917	mg/l	NA	NA	
16/10/2017	40	1	Zinc	Quarterly	0.287	mg/l	NA	NA	
16/10/2017	40	1	pH	Quarterly	7.89	pH Unit	NA	NA	
16/10/2017	40	1	Benzene	Every 6 months	1	mg/l	NA	NA	
16/10/2017	40	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
16/10/2017	40	1	Nickel	Every 6 months	0.167	mg/l	NA	NA	
16/10/2017	40	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
16/10/2017	40	1	Tin	Every 6 months	0.024	mg/l	NA	NA	
16/10/2017	41	1	Adsorbable Organic Halogens	Quarterly	4700	mg/l	NA	NA	
16/10/2017	41	1	Alkalinity (as calcium Carbonate)	Quarterly	5440	mg/l	NA	NA	
16/10/2017	41	1	Aluminium	Quarterly	0.25	mg/l	NA	NA	
16/10/2017	41	1	Arsenic	Quarterly	0.307	mg/l	NA	NA	
16/10/2017	41	1	Barium	Quarterly	0.356	mg/l	NA	NA	
16/10/2017	41	1	Bicarbonate	Quarterly	686	mg/l	NA	NA	
16/10/2017	41	1	Biological oxygen Demand	Quarterly	110	mg/l	NA	NA	
16/10/2017	41	1	Cadmium	Quarterly	0.0017	mg/l	NA	NA	
16/10/2017	41	1	Calcium	Quarterly	13	mg/l	NA	NA	
16/10/2017	41	1	Chloride	Quarterly	8130	mg/l	NA	NA	
16/10/2017	41	1	Chromium	Quarterly	0.056	mg/l	NA	NA	
16/10/2017	41	1	Conductivity	Quarterly	29500	µS/cm	NA	NA	
16/10/2017	41	1	Copper	Quarterly	0.767	mg/l	NA	NA	
16/10/2017	41	1	Dissolved Oxygen	Quarterly	0.5	mg/l	NA	NA	
16/10/2017	41	1	Fluoride	Quarterly	4.3	mg/l	NA	NA	
16/10/2017	41	1	Lead	Quarterly	0.011	mg/l	NA	NA	



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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
16/10/2017	41	1	Magnesium	Quarterly	318	mg/l	NA	NA	
16/10/2017	41	1	Manganese	Quarterly	0.093	mg/l	NA	NA	
16/10/2017	41	1	Mercury	Quarterly	0.0003	mg/l	NA	NA	
16/10/2017	41	1	Nitrate	Quarterly	<0.10	mg/l	NA	NA	
16/10/2017	41	1	Nitrite	Quarterly	<0.10	mg/l	NA	NA	
16/10/2017	41	1	Nitrogen (ammonia)	Quarterly	1950	mg/l	NA	NA	
16/10/2017	41	1	Nitrogen (Total)	Quarterly	2350	mg/l	NA	NA	
16/10/2017	41	1	Phosphorus (total)	Quarterly	2.4	mg/l	NA	NA	
16/10/2017	41	1	Potassium	Quarterly	3740	mg/l	NA	NA	
16/10/2017	41	1	Redox Potential	Quarterly	-122	mV	NA	NA	
16/10/2017	41	1	Sodium	Quarterly	4420	mg/l	NA	NA	
16/10/2017	41	1	Sulfate	Quarterly	5580	mg/l	NA	NA	
16/10/2017	41	1	Total Phenolics	Quarterly	0.22	mg/l	NA	NA	
16/10/2017	41	1	Total Dissolved Solids	Quarterly	23000	mg/l	NA	NA	
16/10/2017	41	1	Total Organic Carbon	Quarterly	307	mg/l	NA	NA	
16/10/2017	41	1	Zinc	Quarterly	0.604	mg/l	NA	NA	
16/10/2017	41	1	pH	Quarterly	8.85	pH Unit	NA	NA	
16/10/2017	41	1	Benzene	Every 6 months	3	mg/l	NA	NA	
16/10/2017	41	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
16/10/2017	41	1	Nickel	Every 6 months	0.697	mg/l	NA	NA	
16/10/2017	41	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0047	mg/l	NA	NA	
16/10/2017	41	1	Tin	Every 6 months	0.023	mg/l	NA	NA	
6/10/2017	42	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Aluminium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Arsenic	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Barium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Bicarbonate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Cadmium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Calcium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Chloride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Chromium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	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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6/10/2017	42	1	Copper	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Fluoride	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Lead	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Magnesium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Manganese	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Mercury	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Nitrate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Nitrite	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Potassium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Redox Potential	Quarterly		mV	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Sodium	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Sulfate	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Total Phenolics	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Zinc	Quarterly		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	pH	Quarterly		pH Unit	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Benzene	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Nickel	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	42	1	Tin	Every 6 months		mg/l	NA	NA	Monitoring point not accesible, EPA have been advised
6/10/2017	43	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Aluminium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Arsenic	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Barium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Bicarbonate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	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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6/10/2017	43	1	Calcium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Chloride	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Chromium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Conductivity	Quarterly		µS/cm	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Copper	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Fluoride	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Lead	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Magnesium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Manganese	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Mercury	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Nitrate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Nitrite	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Potassium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Redox Potential	Quarterly		mV	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Sodium	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Sulfate	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Total Phenolics	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Zinc	Quarterly		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	pH	Quarterly		pH Unit	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Benzene	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Nickel	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
6/10/2017	43	1	Tin	Every 6 months		mg/l	NA	NA	Failure of monitoring pump prevent sample collection at time of monitoring.
16/10/2017	44	1	Adsorbable Organic Halogens	Quarterly	4000	mg/l	NA	NA	
16/10/2017	44	1	Alkalinity (as calcium Carbonate)	Quarterly	8020	mg/l	NA	NA	
16/10/2017	44	1	Aluminium	Quarterly	1.62	mg/l	NA	NA	
16/10/2017	44	1	Arsenic	Quarterly	0.133	mg/l	NA	NA	



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16/10/2017	44	1	Barium	Quarterly	0.18	mg/l	NA	NA	
16/10/2017	44	1	Bicarbonate	Quarterly	8580	mg/l	NA	NA	
16/10/2017	44	1	Biological oxygen Demand	Quarterly	91	mg/l	NA	NA	
16/10/2017	44	1	Cadmium	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	44	1	Calcium	Quarterly	61	mg/l	NA	NA	
16/10/2017	44	1	Chloride	Quarterly	3050	mg/l	NA	NA	
16/10/2017	44	1	Chromium	Quarterly	0.512	mg/l	NA	NA	
16/10/2017	44	1	Conductivity	Quarterly	20800	µS/cm	NA	NA	
16/10/2017	44	1	Copper	Quarterly	0.19	mg/l	NA	NA	
16/10/2017	44	1	Dissolved Oxygen	Quarterly	2.2	mg/l	NA	NA	
16/10/2017	44	1	Fluoride	Quarterly	1.4	mg/l	NA	NA	
16/10/2017	44	1	Lead	Quarterly	0.019	mg/l	NA	NA	
16/10/2017	44	1	Magnesium	Quarterly	191	mg/l	NA	NA	
16/10/2017	44	1	Manganese	Quarterly	0.819	mg/l	NA	NA	
16/10/2017	44	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	44	1	Nitrate	Quarterly	1.48	mg/l	NA	NA	
16/10/2017	44	1	Nitrite	Quarterly	<0.01	mg/l	NA	NA	
16/10/2017	44	1	Nitrogen (ammonia)	Quarterly	787	mg/l	NA	NA	
16/10/2017	44	1	Nitrogen (Total)	Quarterly	901	mg/l	NA	NA	
16/10/2017	44	1	Phosphorus (total)	Quarterly	11.6	mg/l	NA	NA	
16/10/2017	44	1	Potassium	Quarterly	542	mg/l	NA	NA	
16/10/2017	44	1	Redox Potential	Quarterly	-337	mV	NA	NA	
16/10/2017	44	1	Sodium	Quarterly	4750	mg/l	NA	NA	
16/10/2017	44	1	Sulfate	Quarterly	<50	mg/l	NA	NA	
16/10/2017	44	1	Total Phenolics	Quarterly	1.87	mg/l	NA	NA	
16/10/2017	44	1	Total Dissolved Solids	Quarterly	12300	mg/l	NA	NA	
16/10/2017	44	1	Total Organic Carbon	Quarterly	751	mg/l	NA	NA	
16/10/2017	44	1	Zinc	Quarterly	0.498	mg/l	NA	NA	
16/10/2017	44	1	pH	Quarterly	7.89	pH Unit	NA	NA	
16/10/2017	44	1	Benzene	Every 6 months	2	mg/l	NA	NA	
16/10/2017	44	1	Chlorinated Hydrocarbons	Every 6 months	<0.05	mg/l	NA	NA	
16/10/2017	44	1	Nickel	Every 6 months	0.28	mg/l	NA	NA	
16/10/2017	44	1	Polycyclic aromatic hydrocarbons	Every 6 months	<0.0005	mg/l	NA	NA	
16/10/2017	44	1	Tin	Every 6 months	0.092	mg/l	NA	NA	



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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
16/10/2017	52	1	Adsorbable Organic Halogens	Quarterly	5300	mg/l	NA	NA	
16/10/2017	52	1	Alkalinity (as calcium Carbonate)	Quarterly	3060	mg/l	NA	NA	
16/10/2017	52	1	Aluminium	Quarterly	0.31	mg/l	NA	NA	
16/10/2017	52	1	Arsenic	Quarterly	0.074	mg/l	NA	NA	
16/10/2017	52	1	Barium	Quarterly	0.597	mg/l	NA	NA	
16/10/2017	52	1	Bicarbonate	Quarterly	2890	mg/l	NA	NA	
16/10/2017	52	1	Biological oxygen Demand	Quarterly	738	mg/l	NA	NA	
16/10/2017	52	1	Cadmium	Quarterly	0.0003	mg/l	NA	NA	
16/10/2017	52	1	Calcium	Quarterly	353	mg/l	NA	NA	
16/10/2017	52	1	Chloride	Quarterly	4790	mg/l	NA	NA	
16/10/2017	52	1	Chromium	Quarterly	0.029	mg/l	NA	NA	
16/10/2017	52	1	Conductivity	Quarterly	19100	µS/cm	NA	NA	
16/10/2017	52	1	Copper	Quarterly	0.308	mg/l	NA	NA	
16/10/2017	52	1	Dissolved Oxygen	Quarterly	5.2	mg/l	NA	NA	
16/10/2017	52	1	Fluoride	Quarterly	1.9	mg/l	NA	NA	
16/10/2017	52	1	Lead	Quarterly	0.011	mg/l	NA	NA	
16/10/2017	52	1	Magnesium	Quarterly	190	mg/l	NA	NA	
16/10/2017	52	1	Manganese	Quarterly	2.29	mg/l	NA	NA	
16/10/2017	52	1	Mercury	Quarterly	<0.0001	mg/l	NA	NA	
16/10/2017	52	1	Nitrate	Quarterly	0.26	mg/l	NA	NA	
16/10/2017	52	1	Nitrite	Quarterly	<0.01	mg/l	NA	NA	
16/10/2017	52	1	Nitrogen (ammonia)	Quarterly	163	mg/l	NA	NA	
16/10/2017	52	1	Nitrogen (Total)	Quarterly	192	mg/l	NA	NA	
16/10/2017	52	1	Phosphorus (total)	Quarterly	8.73	mg/l	NA	NA	
16/10/2017	52	1	Potassium	Quarterly	517	mg/l	NA	NA	
16/10/2017	52	1	Redox Potential	Quarterly	-342	mV	NA	NA	
16/10/2017	52	1	Sodium	Quarterly	3450	mg/l	NA	NA	
16/10/2017	52	1	Sulfate	Quarterly	203	mg/l	NA	NA	
16/10/2017	52	1	Total Phenolics	Quarterly	27.8	mg/l	NA	NA	
16/10/2017	52	1	Total Dissolved Solids	Quarterly	13000	mg/l	NA	NA	
16/10/2017	52	1	Total Organic Carbon	Quarterly	987	mg/l	NA	NA	
16/10/2017	52	1	Zinc	Quarterly	0.177	mg/l	NA	NA	
16/10/2017	52	1	pH	Quarterly	8.01	pH Unit	NA	NA	
16/10/2017	52	1	Benzene	Every 6 months	69	mg/l	NA	NA	



## Pollutant Monitoring Results - General Pollutant

Environmental Protection  
Licence Number:

4068

Licencee Name:

SUEZ

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16/10/2017	52	1	Chlorinated Hydrocarbons	Every 6 months	0.017	mg/l	NA	NA	
16/10/2017	52	1	Nickel	Every 6 months	0.243	mg/l	NA	NA	
16/10/2017	52	1	Polycyclic aromatic hydrocarbons	Every 6 months	0.703	mg/l	NA	NA	
16/10/2017	52	1	Tin	Every 6 months	0.003	mg/l	NA	NA	
6/10/2017	53	1	Adsorbable Organic Halogens	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Alkalinity (as calcium Carbonate)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Aluminium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Arsenic	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Barium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Bicarbonate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Biological oxygen Demand	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Cadmium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Calcium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Chloride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Chromium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Conductivity	Quarterly		µS/cm	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Copper	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Dissolved Oxygen	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Fluoride	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Lead	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Magnesium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Manganese	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Mercury	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Nitrate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Nitrite	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Nitrogen (ammonia)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Nitrogen (Total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Phosphorus (total)	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Potassium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Redox Potential	Quarterly		mV	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Sodium	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Sulfate	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Total Phenolics	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Total Dissolved Solids	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.



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6/10/2017	53	1	Total Organic Carbon	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Zinc	Quarterly		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	pH	Quarterly		pH Unit	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Benzene	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Chlorinated Hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Nickel	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Polycyclic aromatic hydrocarbons	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.
6/10/2017	53	1	Tin	Every 6 months		mg/l	NA	NA	No liquid available for extraction at time of sampling.