Molaisín

Compost Limited

Annual Environmental Report

Name: Molaisín Compost Limited

Address: Kilmolash, Cappoquin, Co Waterford

Waste Licence: W0245-01

Reporting Period: January 1st 2017 – December 31st 2017

Signed:

Heather Loughlin
Environmental Manager

1.0 REPORTING PERIOD

This report covers the period 1st January 2017 – 31st December 2017.

2.0 WASTE ACTIVITIES CARRIED OUT AT THE FACILITY

Molaisín Compost Limited (Molaisín) commenced waste activities at the facility at Kilmolash, Cappoquin, Co Waterford in 2005. Molaisín operated under a Waterford County Council waste permit up to August 2010. Since August 10th Molaisín has operated under EPA Waste Licence W0245-01.

Molaisín specializes in the composting of non-hazardous industrial and sewage sludges using a controlled static pile, forced aeration system. Molaisín operate the industrial composting facilities using a. The process takes place completely indoors. The incoming wastes are mixed with dry finished compost and other dry amendments. The Molaisín method is based on a scientific enhancement of the natural composting process that creates and maintains an environment conducive to the proliferation of specific microbial populations. These microbes are responsible for biodegradation and, when provided with the right balance of moisture, temperature, and oxygen are able to affect the rapid decay of organic material.

The composting of non-hazardous industrial sludges and biosolids produces a very valuable end product from material that was previously considered a waste. The finished product adds an important micronutrient and humus-rich stable material to soil. The compost produced by Molaisín is a class 1 compost. All compost produced on site is sent for Agricultural and Horticultural use.

2.0 QUANTITY/COMPOSITION OF WASTE RECEIVED, DISPOSED OF AND RECOVERED DURING THE REPORTING PERIOD

2.1 Waste received

The following wastes were received for composting during the reporting period:

Description of Incoming Waste	List of Waste Code	2017
Sludges from onsite effluent treatment (food)	02 02 04	384.42
Materials unsuitable for consumption or processing (food)	02 03 04	10.18
Materials unsuitable for consumption or processing (beverages)	02 07 04	31.56
Sludges from on-site effluent treatment (beverages)	02 07 05	3.7
De-inking sludges from paper recycling	03 03 05	6.52
Sludges from onsite effluent treatment (pharm)	07 05 12	518.1
Hawthorn leaves	07 05 14	70.28
Leaves & lipids	07 05 99	2352.3
Cosmetics industry	07 06 99	225.5
Sludges from treatment of urban waste water	19 08 05	3183.26
sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	19 08 12	37.02
sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	19 08 14	28.08
Sludges from water clarification	19 09 02	10.94
Septic tank sludge	20 03 04	71.28
Waste from sewage cleaning	20 03 06	7.48
	TOTAL	**6940.62**

The following amendment materials were used in the composting process:

Amendment Materials	Tonnes
Sawdust	241.70
Woodchip	465.82
TOTAL	**707.52**

2.2 Compost Removed from Site

The compost produced at the facility is used as an agricultural fertilizer, for landscaping works and as a peat replacement in horticultural products.

Use	Quantity
Agriculture/Horticulture	2278.42
TOTAL	**2278.42**

3.0 EMISSIONS FROM THE FACILITY

There were no emissions from the facility during the reporting period. Air is extracted from the facility through a biofiltration system. The biofilter was monitored during the reporting period both independently and by Molaisín Compost Limited and there were no emissions noted.

See Attachment 1

4.0 RESOURCE CONSUMPTION SUMMARY

Diesel Usage: 27,517 litres of diesel was used during the reporting period to operate equipment in the facility.

Electricity Usage: From Electricity Bills McGill have used approximately 341,000 KwH of electricity at the facility during the reporting period.

4.0 COMPLAINT SUMMARY

One odour complaint was received in April 2017. The complaint was investigated but no cause could be found.

5.0 SCHEDULE OF ENVIRONMENTAL OBJECTIVES AND TARGETS

Objective	Target
Biofilter Maintenance	1. Biofilter to be monitored on a weekly basis, and dug and reseeded as required
Develop written procedures	1. Standard operating procedures are in place, these need to be upgraded to include every aspect of the process
Training	1. On-going training required for all staff in updated health and safety and operational issues
Monitoring	1. Follow schedule based on licence requirements
Staff	1. Adequate cover if an employee is on holidays or away from the facility 2. Training in advance notification of absence
Raw Material Usage	1. Monitor Raw Material usage and analyse results 2. Put procedures in place to maximise efficiency of raw material usage
Energy Audit	1. Reduce Energy consumption on site

6.0 ENVIRONMENTAL MANAGEMENT PROGRAMME

6.1 Report for 2017

Target	Responsibility	Status
Carry out refresher training for staff	Heather Loughlin	Complete
Review waste intake documents and simplify the recording system.	Heather Loughlin	Complete
Carry out Accident Prevention Plan training.	Heather Loughlin	Complete
Monitor energy usage and identify opportunities for reductions.	Heather Loughlin/Niall Carroll	Complete
Submit case for reducing monitoring frequency for noise/dust/odour via EDEN	Heather Loughlin	Complete (not submitted yet)

6.2 Proposal for 2017

Target	Responsibility	Target Date
Carry out refresher training for staff	Heather Loughlin	End July 2018
Replace lights in main building with LED lights	Heather Loughlin/Niall Carroll	December 2018
Plant wildflower meadow	Heather Loughlin	End April 2018

7.0 NOISE MONITORING REPORT SUMMARY

Noise monitoring was conducted on site by KD Environmental on 25th September 2017.

Daytime noise levels were within the permitted noise limit of 55 dB(A) at all four noise measurement locations – N1, N2, N3 and N4.

Evening time noise levels were within the permitted noise limit of 50 dB(A) at three noise measurement locations – N1, N2, N3 and N4.

There was no significant tonal or impulsive noise from site activities during daytime and evening noise monitoring.

The full noise monitoring report is available.

8.0 AMBIENT MONITORING SUMMARY

All monitoring conducted during the year is reported in Attachment 1.

9.0 EMISSIONS AND RESULTS OF ENVIRONMENTAL MONITORING.

- Compost Analysis summary reports for metals and pathogens are attached. The facility produced a “Class 1” compost during 2017.
- All sludges were analysed on a quarterly basis for each client. Records are available for inspection.
- Dust monitoring was carried out on site for four different 30 day periods during 2017. The results of these are attached. The results were within the emission limit values on all occasions.
- Odour Monitoring Ireland (OMI) conducted quarterly Odour Monitoring on site. Bioaerosol and PM10 monitoring was conducted on two occasions in 2017. The

results of these visits showed that there were no significant odours or bioaerosol impacts in the vicinity of the facility and the ambient air concentration levels of PM10 were below the statutory 24-hour average ambient air concentration level of 50ug m^3.

- Biofilter sampling was conducted as per the licence requirement and summary results are attached. There were no environmental concerns with the results.
- Groundwater sampling was conducted as per the licence requirement and a summary sheet is attached.
- Surface water sampling was conducted as per the licence requirement and a summary sheet is attached. There were no environmental concerns with the results.

See Attachment 1

10.0 TANK AND PIPELINE TESTING AND INSPECTION REPORT

Pipeline testing was carried out in August 2017 and a report was submitted to the Agency. The report confirmed that that no defects were identified in the 100mm Process Line Survey and the 25mm process line entering the sump also passed the Pressure Test Inspection.

The next test is due in 2020.

11.0 REPORTED INCIDENTS SUMMARY

There were no reportable incidents during the reporting year.

12.0 ENERGY EFFICIENCY AUDIT REPORT SUMMARY

In 2017 Molaisín Compost used an average of 49KwH electricity and 3.96 litres of diesel per tonne of biosolids accepted at the facility. This is a marginal increase in the usage of diesel when compared to 2016.

There was no change in the amount of electricity used per tonne from 2016 to 2017.

No energy efficiency measures were identified in 2017.

13.0 REPORT ON THE ASSESSMENT OF THE EFFICIENCY OF THE USE OF RAW MATERIALS IN PROCESSES AND THE REDUCTION IN WASTE GENERATED

Amendments for the composting process are the only raw materials used on site at Molaisín Compost Limited. The ratio of amendments to waste used during the reporting period was 0.10 tonnes amendment: 1 tonne waste, this less than in 2016 and continues to show a general downward trend.

There was a 33% reduction in the volume of waste and amendment accepted versus compost produced.

14.0 REPORT ON PROGRESS MADE AND PROPOSALS BEING DEVELOPED TO MINIMISE WATER DEMAND AND THE VOLUME OF TRADE EFFLUENT DISCHARGES

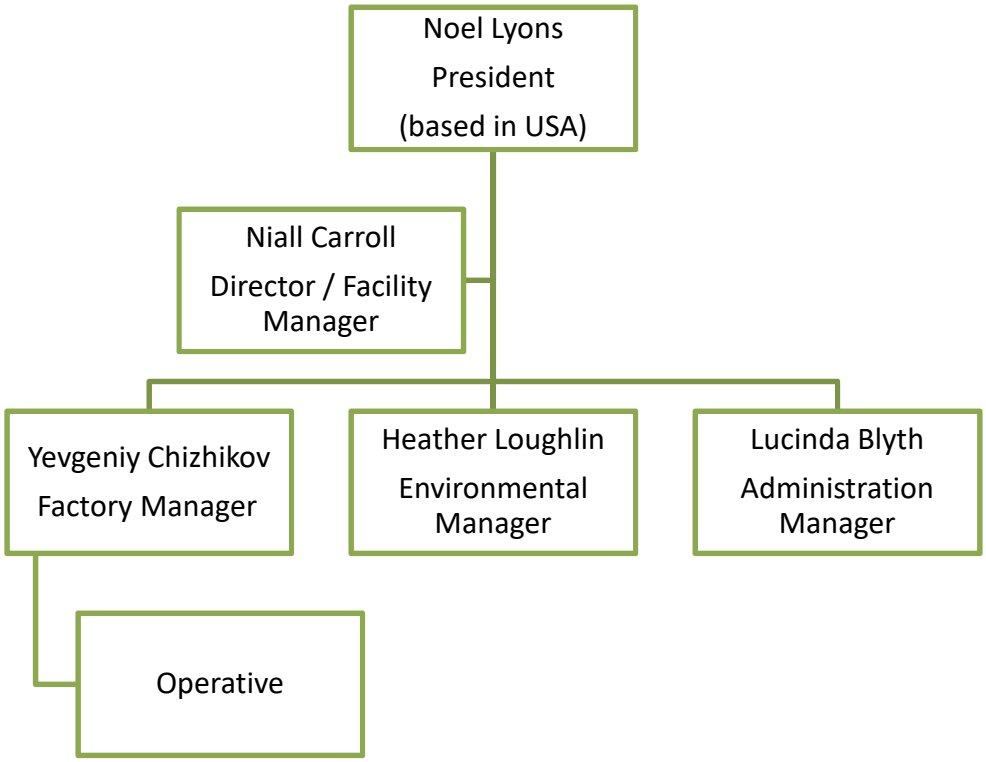
There are no effluent discharges from the process or facility at Molaisín Compost. Water is not added to the process, the only water used is for the cleaning of delivery trucks and equipment to ensure that no waste is carried from the facility out onto the site. The amount of water used cannot be reduced without compromising the cleanliness of the vehicles, equipment, and the site.

15.0 DEVELOPMENT/INFRASTRUCTURAL WORKS SUMMARY

There were no development works carried out in 2017.

16.0 MANAGEMENT AND STAFFING STRUCTURE

During the reporting period, the management and staffing structure was as follows:



17.0 PUBLIC INFORMATION PROGRAMME

A procedure is in place to ensure that the public can obtain information concerning the environmental performance of the facility at all reasonable times.

There were no requests for information during 2017.

18.0 REVIEW OF DECOMMISSIONING MANAGEMENT PLAN / CLOSURE, RESTORATION AND AFTERCARE MANAGEMENT PLAN AND STATEMENT OF MEASURES IN RELATION TO PREVENTION OF ENVIRONMENTAL DAMAGE AND REMEDIAL ACTIONS (ENVIRONMENTAL LIABILITIES)

The Environmental Liabilities Risk Assessment and Decommissioning Plan was reviewed and submitted to the Agency in January 2014. A full review is being undertaken and the revised ELRA will be submitted to the Agency During 2017.

Insurance to cover environmental liabilities is maintained.

19.0 REVIEW OF NUISANCE CONTROLS

A daily check takes place for Vermin, Birds, Flies, Mud, Dust, Odour, Surface Water, and Biofilter Odour. Checklists are maintained on site for inspection.

20.0 VOLUME OF TRADE EFFLUENT / LEACHATE PRODUCED AND TRANSPORTED OFF SITE

There was no trade effluent or leachate produced on site during the reporting period.

Attachment 1

Lab Analysis

Compost Pathogen Results

Sampling date	Sample Ref	Faecal Coliforms			Salmonella		
		Result CFU/g	ELV	COMPLIANT	Result 25g	ELV	COMPLIANT
02.03.2017	MCL Q1 2017 sample 1	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
02.03.2017	MCL Q1 2017 sample 2	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
02.03.2017	MCL Q1 2017 sample 3	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
02.03.2017	MCL Q1 2017 sample 4	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
02.03.2017	MCL Q1 2017 sample 5	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
26.06.2017	MCL Q2 2017 sample 1	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
26.06.2017	MCL Q2 2017 sample 2	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
26.06.2017	MCL Q2 2017 sample 3	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
26.06.2017	MCL Q2 2017 sample 4	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
26.06.2017	MCL Q2 2017 sample 5	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
27.09.2017	MCL Q3 2017 sample 1	10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
27.09.2017	MCL Q3 2017 sample 2	10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
27.09.2017	MCL Q3 2017 sample 3	20	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
27.09.2017	MCL Q3 2017 sample 4	30	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
27.09.2017	MCL Q3 2017 sample 5	20	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
30.11.2017	MCL Q4 2017 sample 1	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
30.11.2017	MCL Q4 2017 sample 2	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
30.11.2017	MCL Q4 2017 sample 3	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
30.11.2017	MCL Q4 2017 sample 4	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES
30.11.2017	MCL Q4 2017 sample 5	< 10	≤ 1000 MPN in 1g	YES	Not detected	Absent in 50g	YES

Compost Metal/ Trace elements Results

Q1 2017							
Parameter	**ug/kg**	**mg/kg**	**mg/kg DM**	**mg/kg DM normalised to 30% OM**	**Class 1 standard**	**Class 2 standard**	**Class of Compost**
% Dry Matter	64.51						
% Organic Matter	87.67						
Cadmium (ug/kg)	10.00	0.01	0.02	0.01	0.7	1.5	Class 1
Chromium (ug/kg)	2149.25	2.15	3.33	1.14	100	150	Class 1
Copper (ug/kg)	36701.80	36.70	56.89	19.47	100	150	Class 1
Lead (ug/kg)	10367.50	10.37	16.07	5.50	100	150	Class 1
Mercury (ug/kg)	148.17	0.15	0.23	0.08	0.5	1	Class 1
Nickel (ug/kg)	2018.32	2.02	3.13	1.07	50	75	Class 1
Zinc (ug/kg)	137933.00	137.93	213.82	73.17	200	400	Class 1
Impurities >2mm	<0.5%				<0.5%	<0.5%	Class 1
Gravel & stones >5mm	<0.5%				<5%	<5%	Class 1

Q2 2017							
Parameter	**ug/kg**	**mg/kg**	**mg/kg DM**	**mg/kg DM normalised to 30% OM**	**Class 1 standard**	**Class 2 standard**	**Class of Compost**
% Dry Matter	71.12						
% Organic Matter	85.06						
Cadmium (ug/kg)	<10	0.01	0.01	0.00	0.7	1.5	Class 1
Chromium (ug/kg)	2414.41	2.41	3.39	1.20	100	150	Class 1
Copper (ug/kg)	51947.70	51.95	73.04	25.76	100	150	Class 1
Lead (ug/kg)	10877.00	10.88	15.29	5.39	100	150	Class 1
Mercury (ug/kg)	217.18	0.22	0.31	0.11	0.5	1	Class 1
Nickel (ug/kg)	2211.49	2.21	3.11	1.10	50	75	Class 1
Zinc (ug/kg)	221413.00	221.41	311.32	109.80	200	400	Class 1
Impurities >2mm	<0.5%				<0.5%	<0.5%	Class 1
Gravel & stones >5mm	<0.5%				<5%	<5%	Class 1

Q3 2017							
Parameter	**ug/kg**	**mg/kg**	**mg/kg DM**	**mg/kg DM normalised to 30% OM**	**Class 1 standard**	**Class 2 standard**	**Class of Compost**
% Dry Matter	75.86						
% Organic Matter	83.56						
Cadmium (ug/kg)	<10	0.01	0.01	0.00	0.7	1.5	Class 1
Chromium (ug/kg)	2784.00	2.784	3.67	1.00	100	150	Class 1
Copper (ug/kg)	47926.00	47.926	63.18	17.21	100	150	Class 1
Lead (ug/kg)	16768.00	16.768	22.10	6.02	0.5	1	Class 1
Mercury (ug/kg)	115.00	0.115	0.15	0.04	50	75	Class 1
Nickel (ug/kg)	2400.00	2.4	3.16	0.86	100	150	Class 1
Zinc (ug/kg)	119850.00	119.85	157.99	43.03	200	400	Class 1
Impurities >2mm	<0.5%				<0.5%	<0.5%	Class 1
Gravel & stones >5mm	0.77%				<5%	<5%	Class 1

Q4 2017							
Parameter	**ug/kg**	**mg/kg**	**mg/kg DM**	**mg/kg DM normalised to 30% OM**	**Class 1 standard**	**Class 2 standard**	**Class of Compost**
% Dry Matter	68.18						
% Organic Matter	84.79						
Cadmium (ug/kg)	<10	0.01	0.01	0.01	0.7	1.5	Class 1
Chromium (ug/kg)	2561.20	2.56	3.76	1.33	100	150	Class 1
Copper (ug/kg)	39457.00	39.46	57.87	20.48	100	150	Class 1
Lead (ug/kg)	13481.70	13.48	19.77	7.00	0.5	1	Class 1
Mercury (ug/kg)	180.70	0.18	0.27	0.09	50	75	Class 1
Nickel (ug/kg)	2410.30	2.41	3.54	1.25	100	150	Class 1
Zinc (ug/kg)	192380.00	192.38	282.16	99.83	200	400	Class 1
Impurities >2mm	<0.5%				<0.5%	<0.5%	Class 1
Gravel & stones >5mm	<0.5%				<5%	<5%	Class 1

Biofilter Monitoring : Colormetric Indicator Tube Testing

Date	Test	ELV	S1	S2
06.06.17	Ammonia	50mg/m^3	Not detected	Not detected
06.06.17	Hydrogen Sulfide	5mg/m^3	Not detected	Not detected
06.06.17	Total Mercaptans	5mg/m^3	Not detected	Not detected
19.12.17	Ammonia	50mg/m^3	Not detected	Not detected
19.12.17	Hydrogen Sulfide	5mg/m^3	Not detected	Not detected
19.12.17	Total Mercaptans	5mg/m^3	0.25ppm	Not detected

Lab Analysis of Biofilter media

Date	% moisture	Ammonia (mg/kg as N)	pH	TVC's @ 22°C solid (no/g)	TVC's @ 37°C solid (no/g)
26.06.2017	67.59	6.72	3.7	130000	210000
20.12.2017	74.36	<0.02	4.6	4500000	2500000

Odour Monitoring

Date	09.03.2017	29.06.2017	26.09.2017	18.10.2017
Average Inlet Odour Conc (OuE/m3)	18,388.45	17,025.40	15,763.39	17,025.40
Exhaust Odour Conc (OuE/m3)	1,829.78	1,756.75	1,626.53	1,756.75
Average Removal Efficiency %	90	90	90	90

Particulate Monitoring

Date	Statutory 24 hr average conc.	PM10 (µg/m^3)
09.03.2017	50 µg/m^3 PM10	6
26.09.2017	50 µg/m^3 PM10	6.5

Bioaerosol Monitoring

	Date: 27.03.2017		
LOCATION ID	Average Asperillus fumigatus concentration (CFU m-3) 1	Average Mesophilic Bacteria concentration (CFU m-3) 1	Sample Count
Cappo 1	1.70	265.00	6
Cappo 2	2.35	354.00	6
Cappo 3	2.94	442.00	6

Surface Water Monitoring

McGill Reference	Date	Ammonia mg/l as N	BOD mg/l	Total Suspended Solids mg/l
MCL SW1 R1 2017	28.06.2017	0.48	3	<5
MCL SW1 R2 2017	28.06.2017	0.11	<1	<5

Dust Monitoring

Sampling End Date	McGill Reference	Monitoring point	Units	ELV	Result	Compliant
27.03.17	MCL DM1 Q1-2017	DM1	mg/m2/day	350	75.49	YES
27.03.17	MCL DM2 Q1-2017	DM2	mg/m2/day	350	34.08	YES
27.03.17	MCL DM3 Q1-2017	DM3	mg/m2/day	350	131.58	YES
27.03.17	MCL DM4 Q1-2017	DM4	mg/m2/day	350	63.96	YES
28.06.17	MCL DM1 Q2-2017	DM1	mg/m2/day	350	20.97	YES
28.06.17	MCL DM2 Q2-2017	DM2	mg/m2/day	350	38.79	YES
28.06.17	MCL DM3 Q2-2017	DM3	mg/m2/day	350	28.31	YES
28.06.17	MCL DM4 Q2-2017	DM4	mg/m2/day	350	63.43	YES
29.09.17	MCL DM1 Q3-2017	DM1	mg/m2/day	350	14.68	YES
29.09.17	MCL DM2 Q3-2017	DM2	mg/m2/day	350	17.3	YES
29.09.17	MCL DM3 Q3-2017	DM3	mg/m2/day	350	25.69	YES
29.09.17	MCL DM4 Q3-2017	DM4	mg/m2/day	350	7.86	YES
05.01.18	MCL DM1 Q4-2017	DM1	mg/m2/day	350	10	YES
05.01.18	MCL DM2 Q4-2017	DM2	mg/m2/day	350	20	YES
05.01.18	MCL DM3 Q4-2017	DM3	mg/m2/day	350	25	YES
05.01.18	MCL DM4 Q4-2017	DM4	mg/m2/day	350	14	YES

Groundwater monitoring

Groundwater – basic chemistry and micro:

30.11.2017	Units	GW1	GW2	GW3
Ammonia Nitrogen (as N)	mg/l	0.05	14.56	0.03
Nitrate Nitrogen (as N)	mg/l	4.8	51.1	4.9
Conductivity	uS/cm	274	532	285
pH Value	pH unit	6.7	6	6.6
Chloride	mg/l	20.7	14.6	14.6
Total Nitrogen	mg/l	4.4	67.6	4.1
Total Coliforms	MPN/100ml	0	12	>100
Faecal Coliforms	MPN/100ml	0	68	328

*Groundwater – screening for pollutant list substances **(GW1)***

Test Description	Result	Units	Analysis Date	Accreditation		Method
VOC	Y	ug/l	18/12/2017	N	Cov	GEO32
Dichlorodifluoromethane	<1.0	ug/l	18/12/2017	N	Cov	GEO32
Chloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Chloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromomethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Trichlorofluoromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dichloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
cis-1,2-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
2,2-Dichloropropane	<1.0	ug/l	18/12/2017	N	Cov	GEO32
Chloroform	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromochloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,1-Trichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Benzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Trichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromodichloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromomethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
cis-1,3-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Toluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
trans-1,3-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,2-Trichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Carbon Tetrachloride	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Vinyl Chloride	<0.5	ug/l	18/12/2017	Y	Cov	GEO32
1,3-Dichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Tetrachloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromochloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dibromoethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Chlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32

Test Description	Result	Units	Analysis Date	Accreditation	Method
1,1,1,2-Tetrachloroethane	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Ethyl Benzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
m&p-Xylene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
o-Xylene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Styrene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Bromoform	<1.0	ug/l	18/12/2017	Y Cov	GEO32
trans-1,2-Dichloroethene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Isopropylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,1,2,2-Tetrachloroethane	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,2,3-Trichloropropane	<1.0	ug/l	18/12/2017	Y Cov	GEO32
n-Propylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Bromobenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
2-Chlorotoluene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,3,5-Trimethylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
4-Chlorotoluene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
tert-Butylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,2,4-Trimethylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
sec-Butylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
p-Isopropyltoluene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,3-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,4-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
n-Butylbenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,2-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,2-Dibromo-3-chloropropane	<2.0	ug/l	18/12/2017	Y Cov	GEO32
1,2,4-Trichlorobenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Hexachlorobutadiene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Naphthalene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
1,2,3-Trichlorobenzene	<1.0	ug/l	18/12/2017	Y Cov	GEO32
MTBE	<1.0	ug/l	18/12/2017	Y Cov	GEO32
Dibromofluoromethane	99.0	%Recovery	18/12/2017	N Cov	GEO32
Toluene-d8	100.5	%Recovery	18/12/2017	N Cov	GEO32
4-Bromofluorobenzene	98.0	%Recovery	18/12/2017	N Cov	GEO32
SVOC	Y	ug/l	13/12/2017	N Cov	GEO40
Phenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroethyl)ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Chlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,3-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,4-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Methylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
3&4-Methylphenol	<1.0	ug/l	13/12/2017	N Cov	GEO40
Dibenzofuran	<1.0	ug/l	13/12/2017	N Cov	GEO40
1,2-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroisopropyl)ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
n-Nitrosodi-n-propylamine	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachloroethane	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Nitrobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Isophorone	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dimethylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Nitrophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroethoxy)methane	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,2,4-Trichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Naphthalene	<2.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachlorobutadiene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
4-Chloro-3-methylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Methylnaphthalene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4,6-Trichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4,5-Trichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Chloronaphthalene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Dimethylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,6-Dinitrotoluene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Acenaphthylene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Acenaphthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dinitrotoluene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Diethylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
4-Nitrophenol	<5.0	ug/l	13/12/2017	Y Cov	GEO40

*Groundwater – screening for pollutant list substances **(GW2)***

Test Description	Result	Units	Analysis Date	Accreditation		Method
VOC	Y	ug/l	18/12/2017	N	Cov	GEO32
Dichlorodifluoromethane	<1.0	ug/l	18/12/2017	N	Cov	GEO32
Chloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Chloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromomethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Trichlorofluoromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dichloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
cis-1,2-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
2,2-Dichloropropane	<1.0	ug/l	18/12/2017	N	Cov	GEO32
Chloroform	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromochloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,1-Trichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Benzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Trichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromodichloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromomethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
cis-1,3-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Toluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
trans-1,3-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,2-Trichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Carbon Tetrachloride	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Vinyl Chloride	<0.5	ug/l	18/12/2017	Y	Cov	GEO32
1,3-Dichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Tetrachloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromochloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dibromoethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Chlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,1,2-Tetrachloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Ethyl Benzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
m&p-Xylene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
o-Xylene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Styrene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromoform	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
trans-1,2-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Isopropylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,2,2-Tetrachloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,3-Trichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
n-Propylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
2-Chlorotoluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,3,5-Trimethylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
4-Chlorotoluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
tert-Butylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,4-Trimethylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
sec-Butylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
p-Isopropyltoluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,3-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,4-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
n-Butylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dibromo-3-chloropropane	<2.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,4-Trichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Hexachlorobutadiene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Naphthalene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,3-Trichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
MTBE	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromofluoromethane	99.8	%Recovery	18/12/2017	N	Cov	GEO32
Toluene-d8	100.4	%Recovery	18/12/2017	N	Cov	GEO32
4-Bromofluorobenzene	98.3	%Recovery	18/12/2017	N	Cov	GEO32
SVOC	Y	ug/l	13/12/2017	N	Cov	GEO40

Test Description	Result	Units	Analysis Date	Accreditation	Method
Phenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroethyl)ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Chlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,3-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,4-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Methylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
3&4-Methylphenol	<1.0	ug/l	13/12/2017	N Cov	GEO40
Dibenzofuran	<1.0	ug/l	13/12/2017	N Cov	GEO40
1,2-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroisopropyl)ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
n-Nitrosodi-n-propylamine	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachloroethane	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Nitrobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Isophorone	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dimethylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Nitrophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroethoxy)methane	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,2,4-Trichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Naphthalene	<2.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachlorobutadiene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
4-Chloro-3-methylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Methylnaphthalene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4,6-Trichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4,5-Trichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Chloronaphthalene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Dimethylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,6-Dinitrotoluene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Acenaphthylene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Acenaphthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dinitrotoluene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Diethylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
4-Nitrophenol	<5.0	ug/l	13/12/2017	Y Cov	GEO40
4-Chlorophenyl phenyl ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Fluorene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Diphenylamine	<1.0	ug/l	13/12/2017	N Cov	GEO40
4-Bromophenyl Phenyl Ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Pentachlorophenol	<5.0	ug/l	13/12/2017	Y Cov	GEO40
Phenanthrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Anthracene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
di-n-Butylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Fluoranthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Pyrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzyl Butyl Phthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(a)anthracene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Chrysene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-ethylhexyl)phthalate	<5.0	ug/l	13/12/2017	Y Cov	GEO40
Di-n-octylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(b)fluoranthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(k)fluoranthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(a)pyrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Indeno(1,2,3-c,d)pyrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Dibenz(a,h)anthracene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(g,h,i)perylene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Fluorophenol	90.2	%Recovery	13/12/2017	N Cov	GEO40
Phenol-d6	75.1	%Recovery	13/12/2017	N Cov	GEO40
Nitrobenzene-d5	76.1	%Recovery	13/12/2017	N Cov	GEO40
2-Fluorobiphenyl	75.3	%Recovery	13/12/2017	N Cov	GEO40
2,4,6-Tribromophenol	73.3	%Recovery	13/12/2017	N Cov	GEO40
Terphenyl-d14	82.2	%Recovery	13/12/2017	N Cov	GEO40

*Groundwater – screening for pollutant list substances **(GW3)***

Test Description	Result	Units	Analysis Date	Accreditation		Method
VOC	Y	ug/l	18/12/2017	N	Cov	GEO32
Dichlorodifluoromethane	<1.0	ug/l	18/12/2017	N	Cov	GEO32
Chloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Chloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromomethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Trichlorofluoromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dichloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
cis-1,2-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
2,2-Dichloropropane	<1.0	ug/l	18/12/2017	N	Cov	GEO32
Chloroform	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromochloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,1-Trichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Benzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Trichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromodichloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromomethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
cis-1,3-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Toluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
trans-1,3-Dichloropropene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,2-Trichloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Carbon Tetrachloride	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Vinyl Chloride	<0.5	ug/l	18/12/2017	Y	Cov	GEO32
1,3-Dichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Tetrachloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromochloromethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dibromoethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Chlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,1,2-Tetrachloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Ethyl Benzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
m&p-Xylene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
o-Xylene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Styrene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromoform	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
trans-1,2-Dichloroethene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Isopropylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,1,2,2-Tetrachloroethane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,3-Trichloropropane	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
n-Propylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Bromobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
2-Chlorotoluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,3,5-Trimethylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
4-Chlorotoluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
tert-Butylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,4-Trimethylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
sec-Butylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
p-Isopropyltoluene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,3-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,4-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
n-Butylbenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2-Dibromo-3-chloropropane	<2.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,4-Trichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Hexachlorobutadiene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Naphthalene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
1,2,3-Trichlorobenzene	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
MTBE	<1.0	ug/l	18/12/2017	Y	Cov	GEO32
Dibromofluoromethane	100.0	%Recovery	18/12/2017	N	Cov	GEO32
Toluene-d8	100.8	%Recovery	18/12/2017	N	Cov	GEO32
4-Bromofluorobenzene	96.0	%Recovery	18/12/2017	N	Cov	GEO32
SVOC	Y	ug/l	13/12/2017	N	Cov	GEO40

Test Description	Result	Units	Analysis Date	Accreditation	Method
Phenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroethyl)ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Chlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,3-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,4-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Methylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
3&4-Methylphenol	<1.0	ug/l	13/12/2017	N Cov	GEO40
Dibenzofuran	<1.0	ug/l	13/12/2017	N Cov	GEO40
1,2-Dichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroisopropyl)ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
n-Nitrosodi-n-propylamine	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachloroethane	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Nitrobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Isophorone	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dimethylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Nitrophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-chloroethoxy)methane	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
1,2,4-Trichlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Naphthalene	<2.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachlorobutadiene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
4-Chloro-3-methylphenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Methylnaphthalene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4,6-Trichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4,5-Trichlorophenol	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Chloronaphthalene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Dimethylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,6-Dinitrotoluene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Acenaphthylene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Acenaphthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2,4-Dinitrotoluene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Diethylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
4-Nitrophenol	<5.0	ug/l	13/12/2017	Y Cov	GEO40
4-Chlorophenyl phenyl ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Fluorene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Diphenylamine	<1.0	ug/l	13/12/2017	N Cov	GEO40
4-Bromophenyl Phenyl Ether	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Hexachlorobenzene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Pentachlorophenol	<5.0	ug/l	13/12/2017	Y Cov	GEO40
Phenanthrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Anthracene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
di-n-Butylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Fluoranthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Pyrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzyl Butyl Phthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(a)anthracene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Chrysene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Bis(2-ethylhexyl)phthalate	<5.0	ug/l	13/12/2017	Y Cov	GEO40
Di-n-octylphthalate	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(b)fluoranthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(k)fluoranthene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(a)pyrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Indeno(1,2,3-c,d)pyrene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Dibenz(a,h)anthracene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
Benzo(g,h,i)perylene	<1.0	ug/l	13/12/2017	Y Cov	GEO40
2-Fluorophenol	89.7	%Recovery	13/12/2017	N Cov	GEO40
Phenol-d6	75.5	%Recovery	13/12/2017	N Cov	GEO40
Nitrobenzene-d5	83.0	%Recovery	13/12/2017	N Cov	GEO40
2-Fluorobiphenyl	86.2	%Recovery	13/12/2017	N Cov	GEO40
2,4,6-Tribromophenol	72.9	%Recovery	13/12/2017	N Cov	GEO40
Terphenyl-d14	97.9	%Recovery	13/12/2017	N Cov	GEO40