PAHs in TCLP (USEPA 1311) Our Reference: Your Reference Depth Date Sampled Type of sample	UNITS ---------- ----------	05/1926A-1 TP1 0.1-0.3 17/08/05 Soil	05/1926A-2 TP1 0.5-0.6 17/08/05 Soil	05/1926A-10 TP3 0.2-0.3 17/08/05 Soil	05/1926A-11 TP3 0.4-0.6 17/08/05 Soil
Date extracted	--	29/08/2005	29/08/2005	29/08/2005	29/08/2005
Date analysed	--	29/08/2005	29/08/2005	29/08/2005	29/08/2005
Naphthalene	µg/L	1.6	<1.0	<1.0	<1.0
Acenaphthylene	µg/L	1.9	<1.0	<1.0	<1.0
Acenaphthene	µg/L	<1.0	<1.0	<1.0	<1.0
Fluorene	µg/L	1.2	<1.0	<1.0	<1.0
Phenanthrene	µg/L	3.6	<1.0	<1.0	<1.0
Anthracene	µg/L	<1.0	<1.0	<1.0	<1.0
Fluoranthene	µg/L	1.5	<1.0	<1.0	<1.0
Pyrene	µg/L	1.5	<1.0	<1.0	<1.0
Benzo(a)anthracene	µg/L	<1.0	<1.0	<1.0	<1.0
Chrysene	µg/L	<1.0	<1.0	<1.0	<1.0
Benzo(b,k)fluoranthene	µg/L	<2.0	<2.0	<2.0	<2.0
Benzo(a)pyrene	µg/L	<1.0	<1.0	<1.0	<1.0
Indeno(1,2,3-c,d)pyrene	µg/L	<1.0	<1.0	<1.0	<1.0
Dibenzo(a,h)anthracene	µg/L	<1.0	<1.0	<1.0	<1.0
Benzo(g,h,i)perylene	µg/L	<1.0	<1.0	<1.0	<1.0
Surrogate p-Terphenyl	%	75	70	70	72

BTEX in Zero Headspace				
Our Reference:	UNITS	05/1926A-10	05/1926A-11	05/1926A-14
Your Reference	----------	TP3	TP3	TP4
Depth	----------	0.2-0.3	0.4-0.6	0.3-0.4
Date Sampled		17/08/05	17/08/05	17/08/05
Type of sample		Soil	Soil	Soil
Benzene	µg/L	15	<1.0	8.0
Toluene	µg/L	13	<1.0	5.0
Ethylbenzene	µg/L	<1.0	<1.0	<1.0
Total Xylenes	µg/L	5.0	<3.0	<3.0

Method ID	Methodology Summary
EXTRACT.7	Toxicity Characteristic Leaching Procedure (TCLP).
Metals.20	Determination of various metals by ICP-AES.
Metals.21	Determination of Mercury by Cold Vapour AAS.
GC.12	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS.
SEO-018	Analysis carried out by SGS Matraville - Determination of BTEX by purge and trap/ Gas Chromatography with MS Detection.

Client Reference: 2114037, MacDonaldtown **Enviroiab Reference:** 05/1926A

QUALITY CONTROL Metals in TCLP extract	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery
Arsenic	mg/L	0.15	Metals.20	<0.15	05/1926A-1	<0.15 || <0.15	05/1926A-1	104%
Cadmium	mg/L	0.02	Metals.20	<0.020	05/1926A-1	<0.020 || <0.020	05/1926A-1	104%
Chromium	mg/L	0.02	Metals.20	<0.020	05/1926A-1	<0.020 || <0.020	05/1926A-1	98%
Copper	mg/L	0.03	Metals.20	<0.030	05/1926A-1	0.080 || 0.080 || RPD: 0	05/1926A-1	101%
Lead	mg/L	0.03	Metals.20	<0.030	05/1926A-1	0.20 || 0.20 || RPD: 0	05/1926A-1	96%
Mercury	mg/L	0.0005	Metals.21	<0.0005	05/1926A-1	<0.0005 || <0.0005	05/1926A-1	99%
Nickel	mg/L	0.03	Metals.20	<0.030	05/1926A-1	<0.030 || <0.030	05/1926A-1	99%
Zinc	mg/L	0.02	Metals.20	<0.020	05/1926A-1	0.67 || 0.66 || RPD: 2	05/1926A-1	102%
QUALITY CONTROL PAHs in TCLP (USEPA 1311)	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Matrix Spike % Recovery
Naphthalene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	65%
Acenaphthylene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]
Acenaphthene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]
Fluorene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	76%
Phenanthrene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	77%
Anthracene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]
Fluoranthene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	75%
Pyrene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	78%
Benzo(a)anthracene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]
Chrysene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	74%
Benzo(b,k)fluoranthene	µg/L	2	GC.12	<2.0	[NT]	[NT]	Water	[NT]
Benzo(a)pyrene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	86%
Indeno(1,2,3-c,d)pyrene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]
Dibenzo(a,h)anthracene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]
Benzo(g,h,i)peryiene	µg/L	1	GC.12	<1.0	[NT]	[NT]	Water	[NT]