

MV2009L3-0005

Table 1: Well Completion Details and Field-Measured Parameters
Client: Town of Hay River
Project: Groundwater Monitoring
KBL File #: 16-086

Sampling Information		Depth Measurements and Completion			Field-Measured Parameters					Comments
Sample ID	Date	Depth to Groundwater	Depth to Well Bottom	Casing Height	pH	Electrical Conductivity	Temperature	Dissolved Oxygen	Volatile Organic Compounds	
-	dd-mmm-yy	mbgs	mbgs	m	-	µS/cm	°C	mg/L	ppm	-
Groundwater Monitoring Locations										
SNP0053-5b	22-Jun-16	1.101	8.428	-	7.72	5148	7.20	3.00	ND	-
	24-Sep-16	1.032	9.133	0.785	6.77	5198	4.84	0.55	10	-
SNP0053-5c	22-Jun-16	5.250	8.538	-	6.87	4875	10.44	0.44	ND	-
	24-Sep-16	4.900	8.548	0.618	6.85	4641	6.52	0.55	ND	-
SNP0053-5d	22-Jun-16	5.457	6.554	-	6.98	5419	5.93	0.49	ND	-
	24-Sep-16	5.186	6.623	1.068	7.1	3947	9.02	0.28	15	-
SNP0053-5e	22-Jun-16	5.113	7.143	-	7.94	1096	14.61	0.86	ND	-
	24-Sep-16	4.958	7.144	0.867	7.55	1073	5.63	1.01	ND	Very silty

Legend
 °C Degrees celcius
 m metres
 mbgs metres below ground surface
 mg/L milligrams per litre
 ND non-detect
 ppm parts per million
 µS/cm micro-Siemens per centimetre

Notes
 - Parameters not measured indicated by "-"
 - Stick-up heights measured in September 2016 sampling event used to determine depths to groundwater and well bottom in mbgs for both monitoring events

Table 2: Groundwater Characterization Data – Physical Tests and Anions and Nutrients
 Client: Town of Hay River
 Project: Groundwater Monitoring
 KBL File #: 16-086

Sampling Information			Physical Tests and Anions and Nutrients																Bacterial	
Sample ID	Lab ID	Date	Hardness (as CaCO ₃)	pH	Conductivity	Total Dissolved Solids	Total Suspended Solids	Alkalinity, Total (as CaCO ₃)	Bicarbonate (HCO ₃)	Carbonate (CO ₃)	Chloride (Cl)	Fluoride (F)	Hydroxide (OH)	Ion Balance (%)	Nitrate and Nitrite (as N)	Nitrate (as N)	Nitrite (as N)	Sulfate (SO ₄)	MPN-Fecal Coliform	
-	-	dd-mmm-yy	mg/L	-	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	MPN/100mL
CCME FCSAP Guidelines			-	6.5-9.0	-	3000	-	-	-	-	100	0.12	-	-	100	13	0.06	100	-	
Groundwater Monitoring Locations																				
SNP0053-5b	L1789332-1	24-Jun-16	3000	7.59	5010	-	36.4	-	-	-	-	-	-	-	-	-	-	-	-	-
	L1834725-1	24-Sep-16	2530	7.73	5440	4750	-	392	479	<5.0	516	0.63	<5.0	94.9	<0.11	<0.1	<0.05	2550	<1	
SNP0053-5c	L1789332-2	24-Jun-16	1230	7.1	5160	-	101.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	L1834725-2	24-Sep-16	1170	7.45	4740	2640	-	1680	2270	<5.0	459	0.51	<5.0	86.3	<0.11	<0.1	<0.05	116.0	<1	
SNP0053-5d	L1789332-3	24-Jun-16	1890	7.25	5340	-	476.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	L1834725-3	24-Sep-16	1140	7.47	4540	2420	-	1880	2300	<5.0	413	0.39	<5.0	89.1	5.33	5.17	0.166	50.2	<1	
SNP0053-5e Dup	L1789332-5	24-Jun-16	853	7.52	1180	-	6530	-	-	-	-	-	-	-	-	-	-	-	-	-
	L1789332-6	24-Jun-16	1370	7.41	1180	-	1640	-	-	-	-	-	-	-	-	-	-	-	-	-
Quality Assurance RPD			46.5%	1.5%	0.0%	-	119.7%	-	-	-	-	-	-	-	-	-	-	-	-	-
Dup	L1834725-4	24-Sep-16	1180	7.94	1140	856	-	413	504	<5.0	49.9	0.318	<5.0	103	0.024	0.024	<0.01	168.0	<1	
	L1834725-5	24-Sep-16	2270	7.9	1140	708	-	415	507	<5.0	49.5	0.312	<5.0	102	<0.022	<0.02	<0.01	166	<1	
Quality Assurance RPD			63.2%	0.5%	0.0%	18.9%	-	0.5%	0.6%	--	0.8%	1.9%	--	1.0%	--	--	--	1.2%	--	
Quality Assurance																				
FIELD BLANK	L1789332-4	24-Jun-16	<1.3	5.67	<2.0	-	<3.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	L1834725-6	24-Sep-16	<0.13	5.31	<2.0	16	-	<2.0	<5.0	<5.0	<0.5	<0.02	<5.0	Low TDS	<0.022	<0.02	<0.01	<0.3	<1	
TRIP BLANK	L1789332-7	24-Jun-16	<0.13	5.51	<2.0	-	<3.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	L1834725-7	24-Sep-16	<0.13	5.24	<2.0	<10	-	<2.0	<5.0	<5.0	<0.5	<0.02	<5.0	Low TDS	<0.022	<0.02	<0.01	<0.3	<1	

Legend
 Dup Blind field duplicate sample
 mg/L milligrams per litre
 MPN most probable number
 µS/cm micro-Siemens per centimetre
 RPD relative percent difference (-- indicates incalculable as below detection limits)

Applicable Guidelines
 - Guidance Document on Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites (CCME FCSAP Guidelines; CCME, 2012); commercial/industrial land use, coarse soil

Notes
 - Parameters not measured and absence of applicable guideline indicated by "-"
 - Analytical data reported by ALS Environmental (Work Order #: L1789332 & L1834725)
 - Parameters collected from MW011 wells in the spring were labelled as BH0- (e.g. MW011-01 is the same sampling location as BH01)
 - Exceedance of applicable guidelines or background conditions indicated by shading. Where multiple guidelines apply, the most stringent guideline was used; where guidelines were the same, the first to appear was used.
 - Trip and field blank source water was laboratory supplied
 - Blind field duplicates were submitted as part of the quality assurance program:
 - A duplicate sample for MW011-04 was submitted under the title MW011-05 on the COC for the spring sampling event
 - A duplicate sample for MW011-04 was submitted under the title BHA on the COC for the fall sampling event



Table 5: Groundwater Characterization Data – Petroleum Hydrocarbon Parameters and Aggregate Organics
Client: Town of Hay River
Project: Groundwater Monitoring
KBL File #: 16-086

Sampling Information			Volatile Organic Compounds						Petroleum Hydrocarbons			Aggregate Organics		
Sample ID	Lab ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	MTBE	F1-BTEX (C6-C10)	F2 (>C10-C16)	F3 (C16-C34)	F4 (C34-C50)	Biochemical Oxygen Demand	Oil and Grease	Phenols (4AAP)
		dd-mmm-yy	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CCME FCSAP Guidelines			0.088	0.083	3.2	3.9	0.34	0.81	1.3	-	-	-	-	0.004
Groundwater Monitoring Locations														
SNP0053-5b	L1789332-1	24-Jun-16	<0.0005	<0.0005	<0.0005	<0.00071	<0.0005	<0.1	<0.1	<0.25	<0.25	-	-	-
	L1834725-1	24-Sep-16	<0.0005	<0.0005	<0.0005	<0.00071	-	<0.1	<0.1	<0.25	<0.25	2	<1.0	<0.001
SNP0053-5c	L1789332-2	24-Jun-16	<0.0005	0.0035	0.00592	0.00346	0.185	<0.1	0.35	<0.25	<0.25	-	-	-
	L1834725-2	24-Sep-16	0.00883	0.00277	0.00709	0.00403	-	<0.1	0.32	<0.25	<0.25	27	1.1	0.0209
SNP0053-5d	L1789332-3	24-Jun-16	<0.0005	0.00057	<0.0005	<0.00071	<0.0005	<0.1	0.16	<0.25	<0.25	-	-	-
	L1834725-3	24-Sep-16	0.00086	<0.0005	<0.0005	<0.00071	-	<0.1	<0.1	<0.25	<0.25	16	1.2	0.0202
SNP0053-5e Dup	L1789332-5	24-Jun-16	<0.0005	<0.0005	<0.0005	<0.00071	<0.0005	<0.1	<0.1	<0.25	<0.25	-	-	-
	L1789332-6	24-Jun-16	<0.0005	<0.0005	<0.0005	<0.00071	<0.0005	<0.1	<0.1	<0.25	<0.25	-	-	-
Dup	L1834725-4	24-Sep-16	<0.0005	<0.0005	<0.0005	<0.00071	-	<0.1	<0.1	<0.25	<0.25	2	<1.0	<0.001
	L1834725-5	24-Sep-16	<0.0005	<0.0005	<0.0005	<0.00071	-	<0.1	<0.1	<0.25	<0.25	3	<1.0	<0.001
Quality Assurance														
FIELD BLANK	L1789332-4	24-Jun-16	<0.0005	<0.0005	<0.0005	<0.00071	<0.0005	<0.1	<0.1	<0.25	<0.25	-	-	-
	L1834725-6	24-Sep-16	<0.0005	<0.0005	<0.0005	<0.00071	-	<0.1	<0.1	<0.25	<0.25	<2.0	<1.0	<0.001
TRIP BLANK	L1789332-7	24-Jun-16	<0.0005	<0.0005	<0.0005	<0.00071	<0.0005	<0.1	<0.1	<0.25	<0.25	-	-	-
	L1834725-7	24-Sep-16	<0.0005	<0.0005	<0.0005	<0.00071	-	<0.1	<0.1	<0.25	<0.25	<2.0	<1.0	<0.001

Legend
Dup Blind field duplicate sample
mg/L milligrams per litre
MTBE methyl-t-butyl-ether

Applicable Guidelines

- Guidance Document on Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites (CCME FCSAP Guidelines; CCME, 2012); commercial/industrial land use, coarse soil

Notes

- Parameters not measured and absence of applicable guideline indicated by "-"
- Analytical data reported by ALS Environmental (Work Order #: L1789332 & L1834725)
- Parameters collected from MW011 wells in the spring were labelled as BH0- (e.g. MW011-01 is the same sampling location as BH01)
- Exceedance of applicable guidelines or background conditions indicated by shading; where multiple guidelines apply, the most stringent guideline was used
- Trip and field blank source water was laboratory supplied
- Blind field duplicates were submitted as part of the quality assurance program:
 - A duplicate sample for MW011-04 was submitted under the title MW011-05 on the COC for the spring sampling event
 - A duplicate sample for MW011-04 was submitted under the title BHA on the COC for the fall sampling event



Table 6: Groundwater Characterization Data - Polycyclic Aromatic Hydrocarbons
Client: Town of Hay River
Project: Groundwater Monitoring
KBL File #: 16-086

Sampling Information			Polycyclic Aromatic Hydrocarbons																	
Sample ID	Lab ID	Date	Acenaphthene	Acridine	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	B(A)P Total Potency Equivalent
		dd-mmm-yy	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CCME FCSAP Guidelines			0.0058	-	0.000012	0.000018	0.00001	0.00048	0.00017	0.00048	0.0001	0.00026	0.00004	0.003	0.00021	0.0011	0.0004	0.000025	0.0034	-
Groundwater Monitoring Locations																				
SNP0053-5b	L1789332-1	24-Jun-16	<0.00002	<0.00002	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00002	<0.00001	<0.00005	<0.00005	<0.00001	<0.00002	<0.00001
SNP0053-5c	L1789332-2	24-Jun-16	<0.0001	<0.00013	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00003	<0.00001	<0.00008	<0.00005	<0.00002	<0.00002	<0.00001
SNP0053-5d	L1789332-3	24-Jun-16	<0.00002	0.000036	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00003	<0.00001	<0.00005	<0.00005	<0.00001	<0.00011	<0.00001
SNP0053-5e <i>Dup</i>	L1789332-5	24-Jun-16	<0.00002	<0.00002	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00002	<0.00001	<0.00005	<0.00005	<0.00001	<0.00002	<0.00001
	L1789332-6	24-Jun-16	<0.00002	<0.00002	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00002	<0.00001	<0.00005	<0.00005	<0.00001	<0.00002	<0.00001
Quality Assurance RPD			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Quality Assurance																				
FIELD BLANK	L1789332-4	24-Jun-16	<0.00002	<0.00002	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00002	<0.00001	<0.00005	<0.00005	<0.00001	<0.00002	<0.00001
TRIP BLANK	L1789332-7	24-Jun-16	<0.00002	<0.00002	<0.00001	<0.00001	<0.000005	<0.00001	<0.00002	<0.00001	<0.00002	<0.000005	<0.00002	<0.00002	<0.00001	<0.00005	<0.00005	<0.00001	<0.00002	<0.00001

Legend
 Dup Blind field duplicate sample
 mg/L milligrams per litre
 RPD relative percent difference (-- indicates incalculable as below detection limits)

Applicable Guidelines
 - Guidance Document on Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites (CCME FCSAP Guidelines; CCME, 2012); commercial/industrial land use, coarse soil

Notes
 - Parameters not measured and absence of applicable guideline indicated by "-"
 - Analytical data reported by ALS Environmental (Work Order #: L1789332 & L1834725)
 - Parameters collected from MW011 wells in the spring were labelled as BHO- (e.g. MW011-01 is the same sampling location as BH01)
 - Exceedance of applicable guidelines or background conditions indicated by shading; where multiple guidelines apply, the most stringent guideline was used
 - Trip and field blank source water was laboratory supplied
 - Blind field duplicates were submitted as part of the quality assurance program:
 - A duplicate sample for MW011-04 was submitted under the title MW011-05 on the COC for the spring sampling event



Table 1: Well Completion Details and Field-Measured Parameters
Client: KBL Environmental
Project: Groundwater Monitoring
KBL File #: 16-022

Sampling Information		Depth Measurements and Completion			Field-Measured Parameters				
SNP	Date	Depth to Groundwater	Depth to Well Bottom	Casing Height	pH	Electrical Conductivity	Temperature	Dissolved Oxygen	Volatile Organic Compounds
-	dd-mmm-yy	mbgs	mbgs	m	-	µS/cm	°C	mg/L	ppm
Groundwater Monitoring Locations									
0053-7-A	22-Jun-16	3.656	4.867	-	6.58	1469	7.44	0.19	ND
	24-Sep-16	3.314	4.893	0.713	7.14	1280	11.04	0.38	ND
0053-7-B	22-Jun-16	3.774	4.937	-	6.63	1559	7.25	0.09	ND
	24-Sep-16	3.402	4.930	0.638	6.87	1595	10.19	0.26	25
0053-7-C	22-Jun-16	1.246	4.035	-	6.51	2550	9.62	0.22	ND
	24-Sep-16	1.188	3.040	0.669	6.83	1856	10.94	0.11	1500
0053-7-D	22-Jun-16	3.243	4.787	-	6.84	5817	5.78	1.57	ND
	24-Sep-16	2.820	4.790	0.723	7.03	6040	8.96	0.29	ND

Legend

°C Degrees celcius
m metres
mbgs metres below ground surface
mg/L milligrams per litre
ND non-detect
ppm parts per million
µS/cm micro-Siemens per centimetre

Notes

- Parameters not measured indicated by "-"
- Stick-up heights measured in September 2016 sampling event used to determine depths to groundwater and well bottom in mbgs for both monitoring events



Table 3: Groundwater Characterization Data – Petroleum Hydrocarbon Parameters
Client: KBL Environmental
Project: Groundwater Monitoring
KBL File #: 16-022

Sampling Information			Volatile Organic Compounds						Petroleum Hydrocarbons		
SNP	Lab ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	MTBE	F1+BTEX (C6-C10)	F2 (>C10-C16)	F3 (C16-C34)	F4 (C34-C50)
-	-	dd-mmm-yy	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CCME FCSAP Guidelines			0.088	0.083	3.2	3.9	0.34	0.81	1.3	-	-
Groundwater Monitoring Locations											
0053-7-A	L1789298-1	23-Jun-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
	L1835070-1	24-Sep-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
0053-7-B	L1789298-2	23-Jun-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
	L1835070-2	24-Sep-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
0053-7-C <i>Dup</i>	L1789298-3	23-Jun-16	<0.00050	0.00063	<0.00050	<0.00071	<0.00050	<0.10	0.17	<0.25	<0.25
	L1789298-5	23-Jun-16	<0.00050	0.00081	<0.00050	<0.00071	<0.00050	<0.10	0.26	<0.25	<0.25
<i>Dup</i>	Quality Assurance RPD		--	25.0%	--	--	--	--	41.9%	--	--
	L1835070-3	24-Sep-16	<0.00050	0.003	<0.00050	<0.00071	<0.00050	<0.10	0.27	0.29	<0.25
	L1835070-5	24-Sep-16	<0.00050	0.00446	<0.00050	0.000127	<0.00050	<0.10	0.22	<0.25	<0.25
	Quality Assurance RPD		--	39.1%	--	--	--	--	20.4%	--	--
0053-7-D	L1789298-4	23-Jun-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
	L1835070-4	24-Sep-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
Quality Assurance											
Field Blank	L1789298-6	23-Jun-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
Field Blank	L1835070-6	24-Sep-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
Trip Blank	L1789298-7	23-Jun-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25
Trip Blank	L1835070-7	24-Sep-16	<0.00050	<0.00050	<0.00050	<0.00071	<0.00050	<0.10	<0.10	<0.25	<0.25

Legend

Dup Blind field duplicate sample
mg/L milligrams per litre
MTBE methyl-t-butyl-ether
RPD relative percent difference (-- indicates incalculable as below detection limits)

Applicable Guidelines

- *Guidance Document on Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites* (CCME FCSAP Guidelines; CCME, 2012); commercial/industrial land use, coarse soil

Notes

- Parameters not measured and absence of applicable guideline indicated by "-"
- Analytical data reported by ALS Environmental (Work Order #: L1789298 & L1835070)
- Exceedance of applicable guidelines or background conditions indicated by shading; where multiple guidelines apply, the most stringent guideline was used
- Trip and field blank source water was laboratory supplied
- Blind field duplicates were submitted as part of the quality assurance program:
 - A duplicate sample for MW010-C was submitted under the title MW010-E on the COC for the spring sampling event
 - A duplicate sample for MW010-C was submitted under the title MW010-E on the COC for the fall sampling event

Table 4: Groundwater Characterization Data - Polycyclic Aromatic Hydrocarbons
Client: KBL Environmental
Project: Groundwater Monitoring
KBL File #: 16-022

Sampling Information			Polycyclic Aromatic Hydrocarbons																	
SNP	Lab ID	Date	Acenaphthene	Acridine	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b+g)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Quinoline	B(A)P Total Potency Equivalent
-	-	dd-mm-yy	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
CCME FCSAP Guidelines			0.0058	-	0.00012	0.000018	0.00001	0.00048	0.00017	0.00048	0.0001	0.00026	0.00004	0.003	0.00021	0.0011	0.0004	0.000025	0.0034	-
Groundwater Monitoring Locations																				
0053-7-A	L1789298-1	23-Jun-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
	L1835070-1	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
0053-7-B	L1789298-2	23-Jun-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
	L1835070-2	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
0053-7-C Dup	L1789298-3	23-Jun-16	<0.000020	0.000029	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000012	<0.000010
	L1789298-5	23-Jun-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	0.000137	<0.000050	0.00002	<0.000025	<0.000010
Quality Assurance RPD			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dup	L1835070-3	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	0.000066	<0.000050	<0.000010	<0.000020	<0.000010
	L1835070-5	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	0.000148	<0.000050	<0.000010	<0.000020	<0.000010
Quality Assurance RPD			--	--	--	--	--	--	--	--	--	--	--	--	--	76.6%	--	--	--	--
0053-7-D	L1789298-4	23-Jun-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
	L1835070-4	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
Quality Assurance																				
Field Blank	L1789298-6	23-Jun-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
Field Blank	L1835070-6	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
Trip Blank	L1789298-7	23-Jun-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010
Trip Blank	L1835070-7	24-Sep-16	<0.000020	<0.000020	<0.000010	<0.000010	<0.0000050	<0.000010	<0.000020	<0.000010	<0.000020	<0.000050	<0.000020	<0.000020	<0.000010	<0.000050	<0.000050	<0.000010	<0.000020	<0.000010

Legend
Dup Blind field duplicate sample
mg/L milligrams per litre
RPD relative percent difference (-- indicates incalculable as below detection limits)

Applicable Guidelines
- Guidance Document on Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites (CCME FCSAP Guidelines; CCME, 2012); commercial/industrial land use, coarse soil

Notes
- Parameters not measured and absence of applicable guideline indicated by "--"
- Analytical data reported by ALS Environmental (Work Order #: L1789298 & L1835070)
- Exceedance of applicable guidelines or background conditions indicated by shading; where multiple guidelines apply, the most stringent guideline was used
- Trip and field blank source water was laboratory supplied
- Blind field duplicates were submitted as part of the quality assurance program:
- A duplicate sample for MW010-C was submitted under the title MW010-E on the COC for the spring sampling event
- A duplicate sample for MW010-C was submitted under the title MW010-E on the COC for the fall sampling event

