Maxxam
A Bureau Veritas Group Company

Calgary: 4000 19th St. NE, T2E 6P8. Toll Free (800) 386-7247
Edmonton: 9331-48 St. T6B 2R4. Toll Free (800) 386-7247
maxxam.ca

CHAIN OF CUSTODY RECORD

Page _____ of _____

Invoice Information	Report Information (if differs from invoice)	Project Information	Turnaround Time (TAT) Required
Company :	Company:	Quotation #:	☐ 5 - 7 Days Regular (Most analyses)
Contact Name:	Contact Name:	P.O. #/ AFE#:	**PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS**
Address:	Address:		**Rush TAT (Surcharges will be applied)**
		Project #:	☐ Same Day ☐ 2 Days
Phone:	Phone:	Site Location:	☐ 1 Day ☐ 3-4 Days
Email:	Email:	Site #:	**Date Required:**
Copies:	Copies:	Sampled By:	**Rush Confirmation #:**

Laboratory Use Only

	YES	NO	Cooler ID			
Seal Present			Temp			
Seal Intact						
Cooling Media						
	YES	NO	Cooler ID			
Seal Present			Temp			
Seal Intact						
Cooling Media						
	YES	NO	Cooler ID			
Seal Present			Temp			
Seal Intact						
Cooling Media						

Depot Reception

Analysis Requested

	Sample Identification	Depth (Unit)	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	# of containers	BTEX F1 ☐ VOC ☐	BTEX F1-F2	BTEX F1-F4	Routine Water	Regulated Metals ☐ Tot ☐ Diss	Mercury ☐ Total ☐ Dissolved	Salinity 4	Sieve (75 micron)	Texture (% Sand, Silt, Clay)	Basic Class II Landfill									HOLD - DO NOT ANALYZE
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2																									
3																									
4																									
5																									
6																									
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8																									
9																									
10																									

Please indicate Filtered, Preserved or Both (F, P, F/P) →

Regulatory Criteria

- ☐ AT1/CCME
- ☐ Drinking Water
- ☐ Saskatchewan
- ☐ D50 (Drilling Waste)
- ☐ Other: _____

Special Instructions

Relinquished by: (Signature/ Print)	DATE (YYYY/MM/DD)	Time (HH:MM)	Received by: (Signature/ Print)	DATE (YYYY/MM/DD)	Time (HH:MM)	Maxxam Job #

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Report Information	Comments	Analysis Requested	Same as CoC
Company:			
Contact:			Project/LSD
Phone:			
Email:			
Sampled by:			

	Sample Identification	Depth (Unit)	Date Sampled (YYYY/MM/DD)	Time Sampled (HH:MM)	Matrix	# of containers	BTEX F1 ☐ VOC ☐	BTEX F1-F2	BTEX F1-F4	Routine Water	Regulated Metals Tot ☐ Diss ☐	Mercury Total ☐ Dissolved ☐	Salinity 4	Sieve (75 micron)	Texture (% Sand, Silt, Clay)	Basic Class II Landfill									HOLD - DO NOT ANALYZE	Special Instructions
11																										
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Please indicate Filtered, Preserved or Both (F, P, F/P) →

Relinquished by: (Signature/ Print)	DATE (YYYY/MM/DD)	Time (HH:MM)	Received by: (Signature/ Print)	DATE (YYYY/MM/DD)	Time (HH:MM)	Maxxam Job #

AB FCD-00331/6

SAMPLE CONTAINER AND PRESERVATION INFORMATION

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

WATER

	Analysis	Sample Bottle	Preservative	Colour Code	Hold Time[2]
Inorganic	Routine Water Package[1]	500mL P	None	N/A	**7 Days**
		125mL P (Dissolved Metals)	Field Filter 1mL 50% HNO3 [4]	*RED*	6 months
	pH, EC, Colour, Ortho-PO4, Acids, NO_2,NO_3	500mL P	None	N/A	**7 Days**
	Anions, DIC, TIC, F, Silica, Bromide, Amines, DIPA	500mL P	None	N/A	14 Days 28 Days - Amines & DIPA only
	Chlorine (Free/Total) Chloramines	250mL P	None	N/A	**Immediate[6]**
	Chlorite	150mL P	1.5mL EDA [4]	N/A	14 Days (preserved) **Immediate[6] (Unpreserved)**
	TDS or TSS or TURB / *(TDS+TSS+TURB)*	250mL P / *(500mL P)*	None	N/A	**7 Days**
	TKN, COD, NH4, Total P, TOC/DOC[3]	250mL P	2mL 50% H2SO4 [4]	*YELLOW*	28 Days
	Metals Scan[3]	125mL P	1mL 50% HNO3 [4]	*RED*	6 Months
	Mercury[3]	100mL CG	1mL 50% HCl [4]	N/A	28 Days
	Manganese 2+	250mL P	1mL of 50% HCl [4]	*BLUE*	14 Days
	Hexavalent Chromium - Cr (VI)[3]	60mL P	1mL 10N NaOH [4]	N/A	28 Days
	Iron (Ferric-Fe3+/Ferrous-Fe2+)	250mL AG	Field Filter 10mL 50% HCl [4]	N/A	**48 Hours**
	Phenolics (4-AAP)	100mL AG	2mL 50% H2SO4 [4]	*YELLOW*	28 Days
	Cyanide (WAD / SAD)	125mL P	1mL 10N NaOH [4]	*PURPLE*	14 Days
	Sulphide	250mL P	1mL 10N NaOH & 1mL 2N ZnAc [4]	*GREEN*	**7 Days**
	Sulphite	125mL P	1.25mL of glycerol [4]	N/A	28 Days (preserved) **Immediate[6] (Unpreserved)**
	Microbiological - Total E. Coli & Coliforms, Fecal Coliforms, HPC, SRB, IRB[5]	250mL P	Sodium Thiosulfate [4]	N/A	**24 Hours**
	Biological Oxygen Demand - BOD	500mL P	None	N/A	**48 Hours**
	Dissolved Oxygen - DO	300mL CG	MnSO4 / Alk. Iodide Pour Contents of Pillows into Bottle (Zero Headspace)	N/A	**24 Hours**
	Chlorophyll A	1L P	Minimize Light Exposure	N/A	**24 Hours**
		Cellulose Nitrate filter wrapped in aluminum foil	Field filtered and frozen [7]	N/A	30 Days
Organic	F2, F2-F4, PAH	2 x 100mL AG	NaHSO4 [4]	N/A	14 Days
	VOCs, BTEX, F1, THM	2 x 44mL CG	NaHSO4 [4]	N/A	14 Days
	Semivolatile Phenol (GCMS), Phenoxy Herbicides	1L AG	None	N/A	**7 Days**
	Sulfolane	2 x 500mL AG	NaHSO4 [4]	N/A	14 Days
	PCB	2 x 500mL AG	None	N/A	**7 Days**
	Naphthenic Acids, HCB	2 x 250mL AG	None	N/A	14 Days
	Glycol, Alcohol	2 x 44mL CG	NaHSO4 [4]	N/A	14 Days
	Flashpoint	3 x 44mL CG	None	N/A	**7 Days**
	OGIR/TPHIR/OGH (Gravimetric)	250mL AG	1mL 50% H2SO4 [4]	*YELLOW*	14 Days

SOIL

	Analysis	Sample Bottle	Preservative	Hold Time[2]
Physical & Inorganic	Salinity or Nutrients Package Metals, **Mercury**, pH, EC, Anions, TKN, TOC, NH4	1L Bag	N/A	6 Months **28 Days - Mercury only**
	Texture, Sieve, Grain Size	1L Bag	N/A	N/A
	Spontaneous Combustion	2 x 1L Bag	N/A	N/A
Organic	VOCs	1 x 125mL Jar	Zero Headspace	14 Days
	BTEX/F1	1 x 125mL Jar	Zero Headspace	**7 Days**
	F2-F4, PAH	1 x 125mL Jar	N/A	14 Days
	Organic Semivolatiles	1 x 125mL Jar	N/A	14 Days
	TCLP BTEX	1 x 125mL Jar	Zero Headspace	14 Days
	Flashpoint	1 x 125mL Jar	Zero Headspace	**7 Days**
	Basic Class II Landfill TCLP BTEX, **Flashpoint**, pH, TCLP Metals, Free Liquid	2 x 125mL Jar 1 x 1L Bag	Zero Headspace in jars	**7 Days - Flashpoint only**

[1] Routine water Package: ALK, HCO3, CO3, pH, EC, OH, Ion Balance, Ion Sum (Ca, Mg, Na, K), Fe, Mn, Cl, SO4, NO2, NO3, TDS (Calc.), Hardness (Calc.)

[2] Hold time for when multiple analysis are listed is based on the shortest hold time of the group.

[3] Dissolved parameters require field filtration prior to filling sample container. If field filtration is not possible, please submit extra raw sample. Preservative will need to be removed and bottle rinsed before filling with raw sample.

[4] Preservative is pre-charged in the sample bottle and/or vial.

[5] Please provide 2 bottles if multiple analyses are required.

[6] Analysis must be done ASAP upon arrival at the lab.

[7] Volume of sample filtered required (1L minimum).

Bottle Types		
AG- Amber Glass	CG- Clear Glass	P- Plastic

NOTE:
Samples with more than one test with similar bottle requirements, may share a sample container as long as there is sufficient sample to cover minimum requirements for all tests requested. Please use a sample container which will provide sufficient sample.