



# AGAT Laboratories

2910 - 12th Street NE  
 Calgary, Alberta  
 T2E 7P7  
 webearth.agatlabs.com

### Turnaround Time Required (TAT)

- Regular TAT** 5 to 7 working days   
**Rush TAT** 24 to 48 hours   
 48 to 72 hours

Date Required: \_\_\_\_\_

## Chain of Custody Record

Ph.: 403-735-2005 • Fax: 403-735-2771

### Report To

Company: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 LSD: \_\_\_\_\_  
 Client Project #: \_\_\_\_\_

### Report Information

1. Name: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 2. Name: \_\_\_\_\_  
 Email: \_\_\_\_\_

### Report Format

- Single Sample per page  
 Multiple Samples per page  
 Excel Format Included

### Laboratory Use Only

Arrival Temperature: \_\_\_\_\_  
 AGAT Job Number: \_\_\_\_\_

Notes:  
 \_\_\_\_\_

### Regulatory Requirements (Check):

- CCME - Soil**
- Agricultural  Alberta Tier 1  
 Industrial  Guide 50  
 Res/Park  BC Regulations  
 Commercial  Upstream Oil 7 Gas
- CCME - Water**
- Canadian Drinking Water  
 FWAL

### Invoice To

Same Yes  / No

Company: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 PO/AFE #: \_\_\_\_\_

Sample Identification	Sample Matrix	Date/Time Sampled	Comments - Site/Sample Info. Sample Containment	Microtox	CCME PHC BTEX/F1-F4	Metals	AB Class II Landfill	Detailed Salinity	Routine Potability									Number of Containers	Preserved (Y/N)	Hazardous (Y/N)	Lab Sample #	
Samples Relinquished by (print name & sign):	Date	Samples Received by (Print name & sign):					Date	Special Instructions						Page ____ of ____								
Samples Relinquished by (print name & sign):	Date	Samples Received by (Print name & sign):					Date							NO:								
Samples Relinquished by (print name & sign):	Date	Samples Received by (Print name & sign):					Date															

# SOIL

## ORGANICS

CODE	Parameter	Container Type	Holding Time	Min Amt
54-331	BTEX F1-F4	CG, NH	7 days	50 g
54-318	BTEX/F1	CG, NH	7 days	50 g
54-319	F2-F4	CG, NH	14 days	50 g
54-735	TPH	CG, NH	14 days	50 g
54-054	VOC Scan	CG, NH	7 days	50 g
54-223	TEH (C10-C32)	CG, NH	14 days	50 g
54-196	PAH Scan	CG, NH	7 days	50 g
54-069	PCB Scan	CG, NH	7 days	50 g
54-802	Oil & Grease by IR	CG	28 days	50 g
54-268	Sterilant Scan	CG	14 days	50 g
54-253	Alcohol Scan	CG	14 days	50 g
54-238	Glycol Scan	CG	14 days	50 g
54-241	Amine Scan	CG	7 days	50 g
54-160	EOX	CG	14 days	50 g
54-243	TOX	CG	14 days	50 g
54-011	BTEXS/VPH/EPH	CG, NH	7 days	50 g
54-423	LEPH/HEPH	CG, NH	14 days	50 g

## INORGANICS

CODE	Parameter	Container Type	Holding Time	Min Amt
58-691	Detailed Salinity	P.Bag	28 days	200 g
58-720	CCME/ ABT1 Metals	P. Bag	3 mths	50 g
58-866	Metals + HWS B + Cr6	P. Bag	3 mths	50 g
58-689	Sieve	P. Bag	NA	150 g
58-656	Ammonia	P. Bag	28 days	100 g
58-516	Hexavalent Chromium	CG	28 days	50 g
58-504	Hot Water Soluble Boron	P. Bag	28 days	50 g
58-006	Cyanide	P. Bag	14 days	50 g
58-126	Mercury	P. Bag	28 days	50 g
58-675	Nitrate + Nitrite	P. Bag	7 days	200 g
58-544	pH (saturated paste)	P. Bag	3 mths	200 g
58-550	Phosphorous, Total	P. Bag	28 days	100 g
58-674	Total Kjeldahl Nitrogen	P. Bag	28 days	100 g
58-109	Total Organic Carbon	P. Bag	28 days	100 g
58-135	Microtox	CG, NH	3 days	200 g
58-865	D-50 Detailed Salinity	CG, NH	28 days	500 g

AG - Amber Glass  
PB - Plastic Bottle

NH - No Headspace  
CG - Clear Glass

P. Bag - Plastic Bag

- 1 - Filter and THEN preserve for dissolved or just preserve for total
- 2 - Add MnSO4 and alkaline iodide azide

# WATER

## ORGANICS

CODE	Parameter	Container Type	Holding Time	Min Amt	Preservative
54-760	BTEX/F1	AG, NH	7 days	3 X 40 mL	NaHSO4
54-761	F2-F4	AG	14 days	2 X 250 mL	NA
54-508	BTEX/F1-F2	See above - requires both bottle types			
54-177	TEH (C10-C32)	AG	14 days	2 X 250 mL	NA
54-014	TPgH (C5-C10)	AG, NH	7 days	3 X 40 mL	NaHSO4
54-004	VOC Scan	AG, NH	7 days	3 X 40 mL	NaHSO4
54-197	PAH Scan	AG, NH	7 days	1L	NA
54-126	PCB Scan	AG, NH	7 days	1 L	NA
54-801	Oil & Grease by IR	AG	28 days	250 mL	HCl
54-213	Sterilant Scan	AG	14 days	1 L	NA
54-208	Alcohol Scan	AG	14 days	1 L	NA
54-194	Amine Scan	AG	7 days	1 L	NA
54-191	Glycol Scan	AG	14 days	1 L	NA
54-070	EOX	AG	14 days	1 L	NA
54-232	TOX	AG	14 days	1 L	NA
54-656	BTEXS/VPH/EPH	AG, NH	14 days	1 L	NA
54-664	LEPH/HEPH	AG, NH	14 days	1 L	NA

## INORGANICS

CODE	Parameter	Container Type	Holding Time	Min Amt	Preservative
58-695	Detailed Salinity - AB	PB	14 days	400mL	NA
58-655	Ammonia	PB	28 days	50 mL	H <sub>2</sub> SO <sub>4</sub>
58-620	Dissolved Oxygen	BOD Bot.	6 hours	200 mL	<sup>2</sup> see below
58-517	Hexavalent Chromium	PB	24 hours	50 mL	NA
58-325	Cyanide	PB	14 days	50 mL	NaOH
58-125	Mercury	PB	28 days	50 mL	<sup>1</sup> HNO <sub>3</sub>
58-328	CCME/ABT1 Metals (Diss)	PB	6 months	50 mL	<sup>1</sup> HNO <sub>3</sub>
58-418	CCME/ABT1 Metals (Total)	PB	6 months	50 mL	<sup>1</sup> HNO <sub>3</sub>
58-127	pH	PB	ASAP	100 mL	NA
58-527	Alkalinity	PB	14 days	100 mL	NA
58-140	Phenols	AG	28 days	500 mL	H <sub>2</sub> SO <sub>4</sub>
58-549	Phosphorous, Total	PB	28 days	50 mL	H <sub>2</sub> SO <sub>4</sub>
58-677	Total Kjeldahl Nitrogen	PB	28 days	50 mL	H <sub>2</sub> SO <sub>4</sub>
58-102	Total Organic Carbon	PB	28 days	50 mL	H <sub>2</sub> SO <sub>4</sub>
58-135	Microtox	CG, NH	3 days	250 mL	NA
58-582	BOD	PB	48 hours	1000 mL	NA
58-106	COD	PB	28 days	500 mL	H <sub>2</sub> SO <sub>4</sub>
58-005	Reactive Silica	PB	28 days	100 mL	NA
58-698	Nitrate + Nitrite	PB	7 days	50 mL	NA
58-135	Microtox	CG, NH	3 days	200mL	NA
58-871	D-50 Detailed Salinity	PB	14 days	500mL	NA

Please call your dedicated Client Project Manager at 403-735-2005, for more detailed sampling instructions or to notify of incoming RUSH samples.