

ORGANIC - SOIL

PARAMETER	CONTAINER TYPE	HOLD TIME	MIN. AMOUNT
BTEX/VOCs/VH	HERMETIC	48 hours	5 g + CG
BTEX/VOCs/VH	2X METHANOL VIALS	40 days	5 g + CG
Dioxins and Furans	CG	NA	50 g
EOX/TOX	CG	14 days	50 g
F2-F4/TEH/C60	CG	14 days	50 g
LEPH/HEPH/EPH	CG	14 days	50 g
Napthenic Acids/Glycols	CG	14 days	50 g
Oil and Grease	CG	28 days	50 g
PAH	CG	14 days	50 g
PCB	CG	Unlimited	50 g
Phenols (Chlorinated/Non-Chlorinated)	CG	14 days	50 g
Sterilant/Alcohols/Pests	CG	14 days	50 g
Sulfolane/Amines	CG	7 days	50 g

INORGANIC - SOIL

PARAMETER	CONTAINER TYPE	HOLD TIME	MIN. AMOUNT
Anions	P.BAG	Unlimited	200 g
Bacterial Analysis	STERILE BAG	5 days	100 g
Cations	P.BAG	180 days	200 g
Conductivity	P.BAG	28 days	200 g
Cyanide	P. BAG	14 days	50 g
Hexavalent Chromium	P. BAG	30 days	50 g
Mercury	P. BAG	28 days	50 g
Metals	P. BAG	180 days	50 g
Microtox	CG, NH	3 days	200 g
Nitrogen (Total)	P. BAG	28 days	50 g
pH	P. BAG	1 year	200 g
TCLP Metals	P.BAG	180 days	200 g
TCLP Mercury	P.BAG	28 days	200 g
Total Kjeldahl Nitrogen	P. BAG	28 days	100 g
Total Inorganic Carbon	P. BAG	28 days	100 g
Total Organic Carbon	P. BAG	28 days	100 g

Container Codes

AG - Amber Glass NH - No Headspace PB - Plastic Bottle CG - Clear Glass

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

ORGANIC - WATER

PARAMETER	CONT. TYPE	HOLD TIME	MIN. AMOUNT	PRES.
BTEX/VOCs/VH	AG, NH	14 days	2 x 40 ml	NaHSO ₄
Dioxins and Furans	AG	NA	2 x 1 L	None
EOX/TOX	AG	14 days	250 ml	HNO ₃
F2-F4/TEH/C60	AG	14 days	2 x 100 ml	NaHSO ₄
LEPH/HEPH/EPH	AG	14 days	2 x 100 ml	NaHSO ₄
Glycols	AG	14 days	2 x 40 ml	NaHSO ₄
Oil and Grease	AG	28 days	1 L	H ₂ SO ₄
PAH	AG	14 days	2 x 100 ml	NaHSO ₄
PCB	AG	Unlimited	2 x 250 ml	None
Phenols (Chlorinated/Non-Chlorinated)	AG	7 days	1 L	None
Sterilant/Alcohols/Pests	AG	14 days	1 L	None
Sulfolane/Amines	AG	7 days	1 L	None

INORGANIC - WATER

PARAMETER	CONT. TYPE	HOLD TIME	MIN. AMOUNT	PRES.
Alkalinity	PB	14 days	100 mL	None
Ammonia	PB	28 days	50 mL	H ₂ SO ₄
Anions (except NO ₂ /NO ₃)	PB	28 days	50 mL	None
Bacterial Analysis (DW)	PB STERILE	30 hrs	300 mL	Na ₂ S ₂ O ₃
BOD	PB	3 days	1000 mL	None
Chloride	PB	28 days	50 mL	None
COD	PB	28 days	50 mL	H ₂ SO ₄
Conductivity	PB	28 days	50 mL	None
Cyanide	AG/OPAQUE PB	14 days	50 mL	NaOH
Dissolved Oxygen	DO BOTTLE	8 hours	200 mL	² see below
Hexavalent Chromium	PB	28 days	50 mL	NaOH
HPC	PB STERILE	24 hrs	300 mL	Na ₂ S ₂ O ₃
Microtox	CG, NH	3 days	250 mL	None
Mercury	AG, CG	28 days	40 mL	HCl
Metals (Dissolved)	PB	180 days	30 mL	¹ HNO ₃
Metals (Total)	PB	180 days	30 mL	HNO ₃
Nitrate + Nitrite	PB	3 days	50 mL	None
Nitrogen (Total)	PB	28 days	50 mL	HCl
pH	PB	15 min	50 mL	None
Phosphorus (Total)	PB	28 days	50 mL	H ₂ SO ₄
Reactive Silica	PB	28 days	100 mL	None
Sulfide	PB	7 days	50 mL	NaOH & ZnAc
Total Inorganic Carbon	PB	14 days	50 mL	None
Total Organic Carbon	PB	28 days	50 mL	HCl

AGAT LOCATIONS Western Canada

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Please call your dedicated Client Project Manager at **778.452.4000** for more detailed sampling instructions or to notify of incoming RUSH samples.