

Province Of British Columbia

Ministry of Environment

Req # 50257316

Urgent?	Csr No.	Office70	Client VL
Study	Project		LSMP
Lab	ALS Global		
Ministry Contact	KMCNEILL Kirsten McNeill		
Sampler	Kirsten McNeill		
Signature			
EMS Id	E206955	Well Plate #	
Location	NALTESBY LK. DEEP STN. NEAR MAIN ISLAND		

Sampling Agency	
Code 70	Name Omineca-Peace, Prince George
Address	1011 - 4th Avenue
City	Prince George
Postal Code	V2L3H9
Phone	(250)565-6135
Number of Containers	7

Instructions To Lab CLIENT CODE: VL; SAMPLES ARE UNFILTERED, UNPRESERVED
TP, TDP, OP SUBSAMPLES ALL ANALYSED FROM 1 X 250ML HDPE BOTTLE

No.	Class	Collection Start YYYY-MM-DD HH:MI	Collection End YYYY-MM-DD HH:MI	Depth Upper Lower Tide	Comment
1	REG	2022-06-10 10:00	2022-06-10 10:00	0.5	REG @ 0.5 m
2	REP	2022-06-10 10:05	2022-06-10 10:05	0.5	REP @ 0.5 m
3	BLF	2022-06-10 10:05	2022-06-10 10:05		BLF (Blank Sample)
4	REG	2022-06-10 10:30	2022-06-10 10:30	4.0	REG @ mid-depth
5	REG	2022-06-10 10:45	2022-06-10 10:45	8.0	REG @ Bottom-1 m
6					

GENERAL (250 mL PLASTIC)	
Acidity pH 8.3	
Alkalinity Titration Curve	
Alkalinity: Total: pH 4.5	
Alkalinity: Phenolphthalein	
(500 mL Plastic) Biochemical Oxygen Demand (BOD)	
Bromide	
(500 mL Plastic) Carb. Biochem. Oxygen Demand (CBOD)	
Carbon: TIC	
Chloride	
Colour: True	
Fluoride	
Nitrogen: Nitrate and Nitrite	
Nitrogen: Nitrate	
Nitrogen: Nitrite	
pH	
<input checked="" type="checkbox"/> Phosphorus: Diss. ortho-phosphate	
(500 mL Plastic) Residue: Filterable (TDS)	
(500 mL Plastic) Residue: Nonfilterable (TSS) Subsample 3 mg/L LOR	
(500 mL Plastic) Residue: Nonfilterable (TSS)	
(500 mL Plastic) Residue: Total (TS)	
Specific Conductance	
Turbidity	
Sulphate	

SPECIFIC Tests	
Obs Well Package	
Cyanide: SAD (60 mL Plastic + NaOH)	
Cyanide: MAD (60 mL Plastic + NaOH)	
Sulphide: Total (25 mL Plastic, ZnAc & NaOH)	
Residue: Filterable (TSS) -Whole Bottle - 1 mg/L LOR (150 mL Plastic)	
<input checked="" type="checkbox"/> Chlorophyll a (250 mL Brown Plastic Bottle or Filter) Vol:	
<input checked="" type="checkbox"/> Phaeophytin (250 mL Brown Plastic Bottle or Filter) Vol:	

GENERAL NUTRIENTS (125 mL AMBER GLASS) - H2SO4	
Carbon: TOC	
Chemical Oxygen Demand (COD)	
Nitrogen: Ammonia	
Nitrogen: Total	
Nitrogen: Total Kjeldahl	
Nitrogen: Total Organic	
<input checked="" type="checkbox"/> Phosphorus: Total	

ORGANICS	
BTEX (2 X 40 mL glass vials, NaHSO4 or Na2S2O3, No headspace)	
VOC Full List (2 X 40 mL glass vials, NaHSO4 or Na2S2O3, No headspace)	
Volatile Hydrocarbons (VH) (2X40 mL glass vials, NaHSO4 or Na2S2O3, No headspace)	
Trihalomethanes (THM) (2 X 40 mL glass vials, NaHSO4 or Na2S2O3, No headspace)	
VPH (2 X 40 mL glass vials, NaHSO4 or Na2S2O3, No headspace)	
EPH (2 X 100 mL Amber Glass, NaHSO4)	
PAH (2 X 100 mL Amber Glass, NaHSO4)	
LEPH/HEPH (Calc) (2 X 100 mL Amber Glass, NaHSO4)	
Oil & Grease (2 X 250 mL Amber Glass, 2 mL 1:1 HCl or 1:1 H2SO4)	
Mineral Oil & Grease (2 x 250 mL Amber Glass, 2 mL 1:1 HCl or 1:1 H2SO4)	
Organochlorine Pesticides (OCP) (2 X 500 mL Amber Glass)	
Organophosphorus Pesticides (OPP) (2 X 500 mL Amber Glass)	
Polychlorinated Biphenyls (PCBs) (2 X 500 mL Amber Glass)	
Chlorophenols (Tri, Tetra & Penta) (2 X 500 mL Amber Glass, C6H8O6 & NaHSO4)	
Phenolics, Chlorinated (2 X 500 mL Amber Glass, C6H8O6 & NaHSO4)	
Phenolics, Non-Chlorinated (2 X 500 mL Amber Glass, C6H8O6 & NaHSO4)	
Phenols, Colorimetric (125 mL Amber Glass, H2SO4)	
Acid Extractable Herbicides (2 X 1 L Amber Glass, NaHSO4)	
Resin Acids (2 X 500 mL Amber Glass, C6H8O6 & NaHSO4)	
Fatty Acids (2 X 500 mL Amber Glass, C6H8O6 & NaHSO4)	

GENERAL (125 mL AMBER GLASS) - FIELD FILTER, H2SO4	
Carbon: DIC (Field Filter)	
Carbon: DOC (FF, H2SO4)	
Nitrogen: Dissolved Kjeldahl (FF, H2SO4)	
Nitrogen: Total Dissolved (FF, H2SO4)	
<input checked="" type="checkbox"/> Phosphorus: Total Dissolved (FF, H2SO4)	

BACTERIOLOGY	
E. coli - MF	
Enterococci - MF	
Fecal coliform - MF	
Fecal coliform - MPN	
Fecal streptoc - MF	
Total coliform - MF	
Total coliform - MPN	

METALS: TOTAL	
High Low	
Metal Pkg. (ICPMS) - HIGH (60 mL Plastic) - HNO3	
Metal Pkg. (ICPMS) - LOW (60 mL Plastic) - HNO3	
Mercury - 40mL Glass, HCl	
Hardness (60 mL Plastic) - HNO3	

OTHER Tests	

METALS: DISSOLVED	
High Low	
Metal Pkg (ICPMS) - HIGH (60 mL Plastic)-Field Filter, HNO3	
Metal Pkg. (ICPMS) - LOW (60 mL Plastic)-Field Filter, HNO3	
Mercury - 40mL Glass, Field Filter, HCl	
Hardness (60 mL Plastic) - Field Filter, HNO3	

Smpl No.	FIELD TEST Details	Method Results	Units
1	0019 Extinction Depth	FLD 3.75	m

NOTE: Please enter your field results for Secchi Disk Depth (Extinction Depth) measurement in the line above

INSTRUCTIONS FOR USE OF REQUISITION FORM

SEE FORM FIELD DEFINITIONS BELOW, INCLUDING THE MANDATORY ENTRIES

URGENT Not mandatory. Receives top priority at the lab. A Surcharge applies.

CSR No. Enter Client Service Requisition (CSR) Number if the form is linked to the CSR.

OFFICE Enter Office code which is linked to the client code.

CLIENT **MANDATORY ENTRY.** Billable Client Code.

STUDY Enter Study code to track Study cost under Client Code.

PROJECT Enter Project code to track Project costs under Client Code.

LAB Lab name samples are shipped to.

MINISTRY CONTACT **MANDATORY ENTRY.** Ministry staff responsible for the sample.
Validated against staff user ID.

SAMPLER Person who collected the sample.

SIGNATURE Sampler's signature.

EMS ID **MANDATORY ENTRY.** EMS Monitoring location ID.

Well Plate # Well Plate # of ground water test well.

LOCATION Description of sampling location.

SAMPLING AGENCY

CODE Code of Agency which collected the sample.

NAME Name of Sampling Agency that collected the sample.

ADDRESS Sampling Agency's address

NUMBER OF CONTAINERS Total number of bottles submitted with the Requisition Form.

INSTRUCTIONS TO LAB Special or additional instructions to the lab not already noted in the "Comment" section.

SAMPLE STATE **MANDATORY ENTRY.** Describes the type of the sample sent to the lab for analysis (e.g. fresh water, waste water). Only ONE Sample State is allowed per Form.

DESCRIPTOR **MANDATORY ENTRY.** Further describes the sample, e.g. GE for General.

COLLECTION METHOD **MANDATORY ENTRY.** Describes method used to collect sample, e.g. GRB for Grab.

CLASS **MANDATORY ENTRY.** Describes the general class of sample, e.g. REG for Regular.

COLLECTION START **MANDATORY ENTRY.** Date/time sample was collected.

DEPTH UPPER Upper depth sample was taken.

DEPTH LOWER Lower depth sample was taken.

TIDE Code indicating the state of tide for marine samples.

MEDIUM Code of bottle or medium containing the sample.

PRESERVATION Code of preservative used.

FIELD CODES

Parameter	Parameter Code	Method Code	Method	Unit
Turbidity-Field	TURF	XM12	Turbidity Meter	NTU
Diss Oxy	0014	XH00	Hydrolab	mg/L
Dissolved Oxygen-Field	DO-F	XM01	DO Meter	mg/L
ExtDepth	0019	XG03	Secchi Disc	m
ORP	0039	XH01	Hydrolab Ag/AgCl	mV
Salinity	0130	1130	Salinometer	-
Specific Conductance	0011	X330	Meter	uS/cm
Specific Conductance	0011	XH00	Hydrolab	uS/cm
Specific Conductivity-Fld	SC-F	XM00	Meter-in situ	uS/cm
Temp	0013	XH00	Hydrolab	C
Temp	0013	X330	Meter	C
Temp	0013	XM01	DO Meter	C
Temp(Air)	0020	XH00	Hydrolab	C
Temp(Air)	0020	XM01	DO Meter	C
Temp(Air)	0020	XM02	Thermometer	C
Temp(Air)	0020	XT01	Thermister	C
Temp(Air)	0020	XM15	Continuous Rec.-in situ	C
Temperature-Field	TEMP	XM02	Thermometer	C
Turbidity	0015	XM08	Nephelometer	NTU
pH	0004	XH00	Hydrolab	pH units
pH	0004	X330	Meter	pH units
pH	0004	XM15	Continuous Rec.-in situ	pH units
pH-Field	PH-F	XM00	Meter-in situ	pH units section