Government of Saskatchewan
Ministry of Health

Chemical Analysis Requisition

Saskatchewan Disease Control Laboratory, Environmental Services
http://sdcl-testviewer.ehealthsask.ca
May 11, 2015

5 Research Drive
Regina, SK, Canada
S4S 0A4
(866) 450-0000

Result Address (Provide all your Client Information - print clearly)		**Billing Information (Print Clearly)**
Name:	O Same as result address	Name:
Company Name:		Company Name:
Address:		Address:
Town / City: Postal Code:		Town / City:
Phone: ( ) Fax: ( )		Postal Code:
Check **one** box if results should be e-mailed ☐ or faxed. ☐		Phone: ( )
Customer E-mail Address:		Billing E-mail Address:

Payment Method Credit card information must be included with each requisition and authorized. GST Number: 107864258

Amount Due: $ — *Please make cheque payable to the "Minister of Finance"*

☐ Cash ☐ Debit ☐ Invoice ☐ Cheque / Money Order

☐ VISA ☐ MasterCard Card Number:_____ Exp.Date: mm/yy
Name on Credit Card: Signature: _____

Sample Information

This sample is from a facility regulated by:

☐ Private
☐ Environment/Water Security Agency Station #:
S K ☐☐☐☐☐☐☐☐☐
☐ Health (Premise Number): _____
Field Collection Data: pH ____ Temperature (deg C)_____

Sample Location:_____
Collection Date: DD / MM / YYYY Time: ____ am / pm
Collected By: _____

☐ Please do not analyze my sample if the holding time is exceeded. I will resubmit another sample. ***Note:*** Some tests are time sensitive. Results may change if the holding time is exceeded. For information on holding times, see reverse side, or call the lab.

Select the analysis required by checking off the appropriate box(es): *All prices include the 5% GST

Panel	Parameters Included	Fee*	✱
Irrigation (1 L bottle)	Ca, conductivity, Cl, Mg, NO_3, pH, Na, SO_4, sodium adsorption ratio (calc.), alkalinity	$73.50	☐
Livestock (1 L bottle)	Ca, conductivity, NO_3, SO_4	$31.50	☐
General Chemical/ Water Quality (1 L bottle)	Bicarbonate, Ca, carbonate, Cl, conductivity, F, Fe, Mg, Mn, NO_3, pH, K, Na, SO_4, total alkalinity, total hardness, TDS	$94.50	☐
Monitor Well (For SE requirement.) (1 L bottle)	Bicarbonate, Ca, carbonate, Cl, conductivity, F, Mg, NO_3-N, pH, K, Na, SO_4, total alkalinity, TDS, total hardness, TKN, TN, total phosphorus.	$120.75	☐
Waste Water / Receiving Water (2.5 L bottle + 250 mL sterile bottle)	Bicarbonate, BOD, Ca, carbonate, Cl, conductivity, Mg, NO_3-N, pH, Na, K, SO_4, total & phenol alkalinity, total hardness, TKN, total-phosphorus, TN, DOC, MPN (total coliform / *E. coli*), ortho-phosphorus, suspended solids, TDS, F.	$210.00	☐
Major Ion (For SE requirement) (1 L bottle)	Alkalinity, bicarbonate, Ca, carbonate, Cl, hardness, NO_3, Mg, K, Na, SO_4.	$73.50	☐
Group 1 (1L + 250 mL sterile bottle)	Cl, MPN (total coliform / *E. coli*), NO_3, conductivity	$63.00	☐
Group 2 (2.5 L + 250 mL sterile bottle)	cBOD, Cl, MPN (total coliform / *E. coli*), suspended solids.	$89.25	☐
Group 3 (2.5 L + 250 mL sterile bottle)	cBOD, Cl, MPN (total coliform / *E. coli*), ammonia, suspended solids.	$99.75	☐
Group 4 (2.5 L + 250 mL sterile bottle)	cBOD, Cl, MPN (total coliform / *E. coli*), ammonia, TN, total phosphorus, suspended solids, pH, TKN.	$166.95	☐
GUDI Panel (1 L + 250 mL sterile bottle)	Turbidity, Membrane Filtration (Total Coliform / *E. coli*) (Check other tests as required at additional cost indicated.)	$31.50	☐
Health & Toxicity (For SE requirement) (1L bottle)	Al, As, Ba, B, Cu, Pb, Se, Zn, Cr, Cd, U, Fe, Mn	$84.00	☐
Volatile Organics (VOC) (Contact Lab for Container)	Includes BTEX (Benzene, toluene, ethylbenzene and xylenes) plus 16 other compounds. (Full list of compounds on reverse side.)	$94.50	☐
	Subtotal	$	

Parameters	Fee*	✱
Algae (Blue/green) Microcystin	$42.00	☐
Alkalinity (as $CaCO_3$)	$10.50	☐
Ammonia – N	$10.50	☐
Ammonia – N (Preserved)	$10.50	☐
Ammonia – N (Unionized)	$10.50	☐
Biochemical Oxygen Demand (BOD)	$26.25	☐
Carbonaceous BOD (cBOD)	$26.25	☐
Chemical oxygen demand (COD)	$21.00	☐
Chloride (Cl)	$10.50	☐
Chlorophyll A	$21.00	☐
Conductivity	$10.50	☐
Dissolved organic carbon (DOC)	$21.00	☐
Fluoride (F)	$10.50	☐
Hardness (total; as $CaCO_3$)	$10.50	☐
Nitrate (NO_3)	$10.50	☐
Nitrate-N (NO_3 – N)	$10.50	☐
pH	$10.50	☐
Phosphorus, ortho	$10.50	☐
Phosphorus, total	$18.90	☐
Radon in Air (Contact Lab for Sampler)	$42.00	☐
Sulfate (SO_4)	$10.50	☐
Suspended solids(total,fixed,volatile)	$21.00	☐
Total Dissolved Solids (TDS)	$31.50	☐
Total Kjeldahl nitrogen (TKN)	$18.90	☐
Total Nitrogen (TN)	$18.90	☐
Total Organic Carbon (TOC)	$21.00	☐
Trihalomethanes (THM) (Contact Lab for Proper Container)	$73.50	☐
Turbidity	$10.50	☐
Subtotal	$	

Bacteriological (Non-Drinking Water)
(*EACH test requires a 250 mL sterile plastic sample bottle.)

Parameters	Fee*	✱
Fecal Streptococci	$21.00	☐
Heterotrophic plate count (HPC)	$31.50	☐
Iron bacteria	$21.00	☐
Pseudomonas	$21.00	☐
Sulphur bacteria	$21.00	☐
MF (Total coliforms & *E. coli*)	$21.00	☐
MPN (Total coliforms & *E. coli*)	$31.50	☐
Subtotal	$	

Metals:	Fee*	✱
Aluminum (Al)	$10.50	☐
Antimony (Sb)	$10.50	☐
Arsenic (As)	$21.00	☐
Barium (Ba)	$10.50	☐
Beryllium (Be)	$10.50	☐
Boron (B)	$10.50	☐
Cadmium (Cd)	$10.50	☐
Calcium (Ca)	$10.50	☐
Cobalt (Co)	$10.50	☐
Copper (Cu)	$10.50	☐
Chromium (Cr)	$10.50	☐
Iron (Fe)	$10.50	☐
Lead (Pb)	$21.00	☐
Magnesium (Mg)	$10.50	☐
Manganese (Mn)	$10.50	☐
Mercury (Hg) (Contact Lab for Proper Container)	$21.00	☐
Molybdenum(Mo)	$10.50	☐
Nickel (Ni)	$10.50	☐
Potassium (K)	$10.50	☐
Selenium (Se)	$21.00	☐
Silver (Ag)	$10.50	☐
Sodium (Na)	$10.50	☐
Thallium (Tl)	$10.50	☐
Thorium (Th)	$10.50	☐
Uranium (U)	$10.50	☐
Vanadium (V)	$10.50	☐
Zinc (Zn)	$10.50	☐
Subtotal	$	
TOTAL	$	

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Attach to Sample container

0001
Attach to Sample container

Prices are subject to change without notice, please contact the lab for current charges.

for more information, see reverse side

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Note: For drinking water bacteriological analysis, please use the drinking water analysis requisition form

Containers: Containers for water testing at the Saskatchewan Disease Control Laboratory are distributed throughout the province at R.M. offices, public health offices, and can also be obtained directly from the Saskatchewan Disease Control Laboratory (please fax your request to 306-798-0071). The 250 mL bacteriological bottles are sterilized and should only be used for bacteriological testing. Water samples for all chemical analysis should be submitted in appropriate clean plastic containers:

Bacteriological parameters	250 Millilitre sterile plastic container
General chemical / Water Quality / Livestock	1.0 Litre plastic container
Individual / Metal Parameters	1.0 Litre plastic container
Irrigation	1.0 Litre plastic container
Mercury	Contact lab for proper container
Trihalomethane and Volatile Organics (VOC)	20 Millilitre lab supplied container.
Wastewater / Groups 1-4	2.5 Litre plastic container + 250 Millilitre sterile plastic container
Monitor Well	2.5 Litre plastic container
Health and Toxicity	1.0 Litre plastic container

Volatile Organic Compounds in VOC Panel: 1,1-Dichloroethene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,2-dichlorobenzene, 1,2-dichloroethane, 1,4-dichlorobenzene, benzene, bromodichloromethane, bromoform, carbon tetrachloride, chlorobenzene, chlorodibromomethane, chloroform, dichloromethane, ethylbenzene, m/p-xylene, o-xylene, tetrachloroethene, toluene, trichloroethene, and vinyl chloride.

Sample Collection: Test results are dependent on the sample submitted. Therefore, it is extremely important to collect a representative water sample. A sample collected at a particular time and place may only represent the composition of the source at that time and place. When a water source is known to vary with time, samples collected at time intervals and analysed separately can document the extent, frequency and duration of these variations. When the water source composition varies in space, collect samples from appropriate locations. You can also submit a composite sample for water testing. A composite sample is a combination of samples collected either at different times or from different locations, or both. When collecting a water chemistry sample, completely fill the sample container. Avoid use of metal-lined caps.

Please print your name and sample location on sample bottle.

Shipping: Please submit the water samples immediately after collection to the Environmental Services Section at the Saskatchewan Disease Control Laboratory. The mailing address of the laboratory is:

Saskatchewan Disease Control Laboratory
Environmental Services
5 Research Drive
Regina, Saskatchewan
S4S 0A4

http://sdcl-testviewer.ehealthsask.ca

Sample-Holding Times: Sample-holding time is the time period from sample collection to sample analysis, during which the testing results will not change. Testing results of some parameters are more time sensitive than others. Samples should always be tested within the sample holding time. Therefore, for best testing results, it is recommended that the sample be submitted to the lab in a cooler immediately after collection.

e.g. Sample holding time	Parameter
8 hours	Heterotrophic plate count
48 hours	Biochemical oxygen demand*, CBOD*, nitrate, ortho-phosphorus, turbidity, total coliform, *E.coli.*
7 days	Chemical oxygen demand, dissolved organic carbon, suspended solids, ammonia, total nitrogen

***Note: BOD and CBOD samples must be collected and received during week days Monday to Friday.**

***Note: HPC require 48-hour incubation, therefore the sample cannot be processed on Fridays.**

Sample Disposal: All water samples submitted for microbiological analysis will be discarded immediately after testing has been completed. All other water samples will be discarded after reporting the results unless otherwise specified by the client. Sample containers will not be returned to the client.

General Information: Environmental Services (Water Lab) at the Saskatchewan Disease Control Laboratory is fully accredited by Canadian Association for Laboratory Accreditation (CALA). The scope of testing includes bacteriological, physical and chemical parameters. Water samples submitted for testing include drinking water, surface water, groundwater, wastewater, receiving water, and waters used for livestock feeding and agricultural irrigation. The lab has established a strict quality assurance / quality control (QA/QC) program to ensure the reliability of analytical results.

With dedicated professionals, state-of-the-art instrumentation and laboratory quality systems, the Water Lab is playing a major role in providing water testing services in Saskatchewan. Our clients include owners/operators of the public and semi-public water supplies as regulated by different government departments, industries, consulting companies, manufacturers, small businesses and the general public. We are committed to continuously improve our testing and services to meet the increased demand for maintaining safe drinking water supplies in the province.

In order to partially offset the cost of conducting water testing at the Saskatchewan Disease Control Laboratory, analytical testing is provided on a fee-for-service basis. These fees are listed for each panel as well as each parameter (5% G.S.T. is included in the prices).

If you have any questions in regards to sample collection and sample submission, please call Environmental Services at the Saskatchewan Disease Control Laboratory at 1-866-450-0000.

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