



LIST OF SERVICES 2024

*Accredited by:
Canadian Association for Laboratory Accreditation (CALA)
to ISO 17025 for Specific Tests*

Unit# 288, 2880 45 Ave S.E.
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KaizenLAB is a well established Accredited Environmental Laboratory with expertise in environmental organic and inorganic analysis. We have been in operation for 25 years providing analytical services to the environmental, water & waste water and the oil & gas businesses.

We have a team of expert Chemists, Biologists and Technologists who are specialists in environmental testing, data interpretation and customer service. The Lab is equipped with state-of-the-art analytical instrumentation and sample preparation equipment.

Some of the highlights of our services are:

- **BEST TURNAROUND TIME IN THE INDUSTRY**
- **100% SERVICE ORIENTED LAB**
- **EXCELLENT PERSONALIZED SERVICE**
- **24/7 SUPPORT FOR LAB SERVICES**
- **WEEKEND & HOLIDAY SERVICES**
- **LAB RESULTS AVAILABLE ON-LINE**
- **CALA ACCREDITED LABORATORY**

Should you require an analysis not listed in this Schedule please contact our Customer Services Group:

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SOIL - General Salinity Packages

Basic Salinity in soil

pH, EC, Na, K, Ca, Mg, SAR, Saturation Percentage

Detailed Salinity in soil (mg/L)

pH, EC, Cl, SO₄, Ca, Mg, K, Na, SAR, Saturation Percentage

SOIL - General Inorganics

Ammonia in soil (1:2 extraction)

Ammonia (as N)

Anions in Soil by Saturated Paste

Nitrate, Nitrite, Chloride, Sulphate, Phosphate

Cations in soil (Saturated Paste)

Ca, Mg, K, Na

Chloride in soil

Cl (mg/L and mg/kg)

Electrical Conductivity (EC) of soil (Saturated Paste)

pH (1:2), Calcium Chloride extraction

pH (Saturated Paste)

pH of soil (1:2)

Phenols in soil (4AAP colorimetric method)

Sodium Adsorption Ratio (SAR) in soil

Sulphate in soil

Sulphate in soil (%) by ASTM C1580

Total Kjeldahl Nitrogen (TKN) in soil

Total Nitrogen in soil

TKN, NO₂, NO₃ and Total Nitrogen

SOIL - Nutrients

Available Ammonia (NH₃-N)

Available ammonia (as N)

Available Nitrate (NO₃-N)

Available nitrate (as N)

Available NPK

Available nitrate (as N), Available phosphorus, Available potassium

Available NPKS

Available nitrate (as N), Available phosphorus, Available potassium, Available sulphate (as S)

Available Phosphorus

Available Potassium

Available Sulphate (SO₄-S)

Available sulphate (as S)

SOIL - Metals

Alberta Tier 1 Metals in Soil

Sb, As, Ba, Be, Sat-B, Cd, Cr, Cr-VI, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, Sn, V, U and Zn

BC CSR Schedule 3.1 Metals in Soil

Al, Sb, B, Fe, Li, Ag, Sr, Tl, Sn, W, Hot Water Soluble B

Boron by Saturated Paste Extract

CCME Metals in soil

Sb, As, Ba, Be, HWS-B or Sat P Boron, Cd, Cr, Cr-VI, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, Sn, V, U and Zn

Chromium Hexavalent in soil (by IC)

Extractable Barium in soil

Hot Water Soluble Boron in soil

Mercury in soil

Metal: any single Metal (except Mercury) in soil (ICP-MS)

Metal: each additional Metal (except Mercury) in soil (ICP-MS)

Metals in Soil, Full Scan including Mercury

ICP-MS Metals, ICP-OES Metals, Mercury

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SOIL - Physical Parameters

Atterberg Limits

Bulk Density

Grain Size (0.075 mm sieve)

Moisture Content %

Organic Matter in soil

Particle Size Distribution by Hydrometer: Regular

% Clay, % Sand, % Silt and Texture

Particle Size Distribution by Hydrometer: Sand Classification

% Sand (Coarse & Very Coarse), % Sand (Medium) and % Sand (Very Fine & Fine)

Specific Gravity of soil

SOIL - Organics

Alcohols in soil

Methanol, Ethanol, Propanol, Isopropanol, Butanol and Pentanol

BC Hydrocarbons in soil (not PAH adjusted) - BTEX, VPH, EPH

BTEX, VPH and EPH

BC Hydrocarbons in soil (PAH Adjusted) - BTEX, VPH, LEPH, HEPH, PAH

BTEX, VPH, LEPH, HEPH and PAH

BC Volatile Petroleum Hydrocarbons in soil

Benzene, Toluene, Ethylbenzene, Xylenes and VPH - Volatile Petroleum Hydrocarbons (C6-C10)

BTEX in soil

Benzene, Toluene, Ethylbenzene and Xylenes

CCME Petroleum Hydrocarbons in soil: BTEX/F1-F4 (C6-C50)

Benzene, Toluene, Ethylbenzene, Xylenes, F1-F4 (C6-C50)

CCME Petroleum Hydrocarbons in soil: F4G

Fraction 4 by Gravimetry

Creosote related target compounds (PAH's & Pentachlorophenol) in soil

*Regular PAH's (16 compounds) plus Carbazole, Dibenzofuran, C1 and C2-Naphthalenes,
Pentachlorophenol and C1-Phenanthrenes/Anthracenes*

Glycols in soil

Ethylene Glycol, Propylene Glycol, Diethylene Glycol, Triethylene Glycol and Tetraethylene Glycol

Halogenated Aliphatics in soil (Alberta Tier 1)

*1,1-Dichloroethene, 1,2-Dichloroethane, Carbon Tetrachloride, Chloroform, Dibromochloromethane,
Dichloromethane, Tetrachloroethene, Trichloroethene and Vinyl Chloride*

Mineral Oil & Grease in soil

Oil & Grease (Dean & Stark) in soil

Polychlorinated Biphenyls in soil

Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, 1268, Total PCBs

Polycyclic Aromatic Hydrocarbons (PAH) in soil

*Acenaphthene, Acenaphthylene, Anthracene, Bz(a)anthracene, Bz(a)pyrene, Bz(b+j,k)fluoranthene,
Benzo(g,h,i)perylene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene,
Indeno(1,2,3-c,d)pyrene, Naphthalene, Phenanthrene, Pyrene*

Total Extractable Hydrocarbons (C10-C50) in soil

Total Petroleum Hydrocarbons (C6-C50) in soil

Trichloroethene (TCE) and Tetrachloroethene (PCE) in soil

Volatile Organic Compounds in soil

*BTEX, Trihalomethanes, Halogenated Aliphatics (24 compounds), Halogenated Aromatics (19
compounds), MTBE*

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DRILLING AND OTHER WASTE/SOILS - General

CCME Hydrocarbons for Drilling Waste: BTEX/F1-F4 (C6-C50)

Detailed Salinity for Drilling Waste

pH, EC, Cl, SO4, Ca, Mg, K, Na, SAR, Specific Gravity

Detailed Salinity for Drilling Waste with Nitrogen

pH, EC, Cl, SO4, Ca, Mg, K, Na, SAR, Specific Gravity plus Ammonia, Nitrite and Nitrate

Extractable Barium in Drilling Waste

Metals for Drilling Waste

Sb, As, Ba, Be, Sat-B, Cd, Cr, Cr(VI), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Sr, Tl, Sn, V, Zn, extractable Ba

Microtox in Drilling Waste

Microtox in water or liquid

Microtox on charcoal treated sample

Microtox Threshold Study

Oil & Grease (Dean & Stark) for Drilling Waste

DRILLING AND OTHER WASTE/SOILS - Landfill

Alberta Class II Landfill Criteria Package

pH, Flashpoint, Paint Filter, TCLP BTEX, TCLP Metals

BC Class II Landfill Analysis - Basic

pH, Paint Filter, Flashpoint, Total BTEX, TCLP BTEX and TCLP Metals

BC Class II Landfill Analysis - Extended

pH, Paint Filter, Flashpoint, Total BTEX, TCLP BTEX, Special Waste Oil and Grease (SWOG), and SWEP Leachate Metals and Inorganics (As, Ba, B, Cd, Cr, Cu, Pb, Se, Ag, U, Zn, Hg, CN, F, NO3+NO2, NO3, NO2)

City of Calgary Landfill Package

pH, EC, Flashpoint, Cl, Ca, Mg, Na, SAR, Sb, As, Ba, Be, Sat-B, Cd, Cr, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Ti, Sn, U, V, Zn, BTEX, TPH, Paint Filter

Flashpoint of soil

Ignitability (Rope Burn Test)

Manitoba Landfill Package

pH, Paint Filter, Ignitability, BTEX/F1-F4, TCLP BTEX, TCLP Metals

Paint Filter Test

Saskatchewan Landfill Package

pH, Flashpoint, Paint Filter, TCLP Metals, TCLP Benzene, Total TEX (Toluene, Ethylbenzene, Xylenes)

TCLP BTEX

TCLP Benzene, Toluene, Ethylbenzene and Xylenes

TCLP Hexavalent Chromium

TCLP Lead

TCLP Metals

TCLP Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Hg, Ni, Se, Ag, Ti, U, V, Zn and Zr

WATER - Drinking Water Packages

Basic Water Potability Analysis (Potability pkg #1)

pH, EC, Dissolved Ca, Mg, K, Na, Fe, and Mn, F, Cl, Br, NO2-N, NO3-N, PO4, SO4, Alkalinity, HCO3, CO3, OH, Hardness, TDS

Routine Water Potability Analysis (Potability pkg #2)

pH, EC, Ca, Mg, K, Na, Diss Fe, Diss Mn, F, Cl, Br, NO2-N, NO3-N, PO4, SO4, Alkalinity, HCO3, CO3, OH, Hardness, TDS, Turbidity, True Colour

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WATER - Salinity

Basic Salinity in water

pH, EC, Cl, Ca, Mg, Na, SAR

Detailed Salinity in water

pH, EC, Cl, SO4, Ca, K, Mg, Na, SAR

WATER - General Inorganics

Alkalinity of water

Alkalinity (total and phenolphthalein, as CaCO₃), Bicarbonate, Carbonate, Hydroxide

Ammonia and Ammonium in water

Ammonia (as N), and Ammonium (as N)

Ammonia in water

Ammonia (as N)

Anions in water

Fluoride, Chloride, Nitrite, Nitrate, Phosphate, Sulphate

Biochemical Oxygen Demand (BOD) in water

Bromate in water

BrO₃

Bromide in water

Carbonaceous Biochemical Oxygen Demand (CBOD) in water

Cations in water

Ca, Mg, K, Na

Chemical Oxygen Demand (COD) in water

Chloride in water

Colour (Apparent) of water

Colour (True) of water

Cyanide in water

Dissolved Kjeldahl Nitrogen (DKN)

Dissolved Oxygen (DO)

Dissolved Phosphorus (DP)

Electrical Conductivity (EC) of water

Fluoride in Water

Hardness of water

Dissolved Ca, Dissolved Mg, Dissolved K, Dissolved Na, Hardness as CaCO₃

Langelier Index

Nitrate+Nitrite-Nitrogen in Water

NO₂-N, NO₃-N, Total NO₂+NO₃-N

Orthophosphate (PO₄) in water

Oxyhalides Bromate, Chlorite, Chlorate in water

Bromate, Chlorate, Chlorite

WATER - General Inorganics (contd.)

pH of water

Phenols in water (4AAP colorimetric method)

Reactive Silica in water

Resistivity of water

Sodium Adsorption Ratio (SAR) in Water

Sulphate in water

Sulphide in water

Total Dissolved Solids in Water by filtration

Total Kjeldahl Nitrogen (TKN) in water

Total Nitrogen in water

Total Kjeldahl Nitrogen, Nitrate, and Nitrite

Total Phosphorus (TP) in water

Total Residual Chlorine

Total Solids in Water

Total Suspended Solids (TSS)

Turbidity

Un-ionized Ammonia in water

Un-ionized ammonia (as N)

UV Absorbance

WATER - Metals

BC CSR Schedule 3.2 Dissolved Metals in Water

Al, Sb, As, Ba, Be, B, Ca, Cd, Co, Cu, Cr III, Cr VI, Fe, Pb, Hg, Li, Mn, Mo, Ni, Na, Se, Ag, Sr, Ti, Sn, Ti, W, U, V, Zn

BC CSR Schedule 3.2 Total Metals in Water

Al, Sb, As, Ba, Be, B, Ca, Cd, Co, Cu, Cr III, Cr VI, Fe, Pb, Hg, Li, Mn, Mo, Ni, Na, Se, Ag, Sr, Ti, Sn, Ti, W, U, V, Zn

Dissolved Hexavalent Chromium (Cr VI)

Dissolved Mercury

Dissolved Metal: any single Dissolved Metal from ICP-MS (except Mercury)

Dissolved Metal: each additional Dissolved Metal from ICP-MS (except Mercury)

Dissolved Metals (Full Scan)

Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, P, K, Se, Si, Ag, Na, Sr, S, Ti, Sn, Ti, U V, Zn and Zr

Dissolved Metals in water (no Hg)

Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Se, Ag, Sr, Ti, Sn, U, V and Zn

Dissolved metals including AB Tier 1 Metals

Al, Sb, As, Ba, B, Cd, Cr(III), Cr(VI), Cu, Fe, Pb, Mn, Hg (low-level), Ni, Se, Ag, U and Zn

Dissolved Metals including Mercury

Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Mo, Ni, Se, Ag, Sr, Ti, Sn, U, V and Zn

Total Hexavalent Chromium (Cr VI) in water

Total Iron and Manganese in water

Total Lead in Water

Total Mercury in water

Total Metal: any single Total Metal in water from ICP-MS (except Mercury)

Total Metal: each additional Total Metal in water from ICP-MS (except Mercury)

Total Metals for Drinking Water

Al, Sb, As, Ba, B, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Se, Sr, Ag, U and Zn

Total Metals in water (Full Scan), All Metals Included

Al, Sb, As, Ba, Be, Bi, B, Cd, Ca, Cr, Co, Cu, Fe, La, Pb, Li, Mg, Mn, Mo, Hg, Ni, P, K, Se, Si, Ag, Na, Sr, S, Ti, Ti, Sn, U, V, W, Zn, Zr

Total Metals in water (no mercury)

Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Se, Ag, Sr, Ti, Sn, U, V and Zn

Total metals in water including AB Tier 1 Metals

Al, Sb, As, Ba, B, Cd, Cr(III), Cr(VI), Cu, Fe, Pb, Mn, Hg (low-level), Ni, Se, Ag, U, and Zn

Total Metals in water including Mercury

Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Hg, Mo, Ni, Se, Ag, Sr, Ti, Sn, U, V and Zn

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WATER - Microbiology

E.Coli in Water

Heterotrophic Plate Count in water

Iron Related Bacteria (IRB) in water

Legionella pneumophila for Non-Potable Water

Legionella pneumophila for Potable Water

Sulphate Reducing Bacteria (SRB) in water

Thermotolerant (Fecal) Coliforms in water

Total and Thermotolerant (Fecal) Coliforms and E. Coli in Water

Total and Thermotolerant (Fecal) Coliforms in water

Total Coliforms and E. Coli in water

Total Coliforms in Water

WATER - Organics

Alcohols in water

Methanol, Ethanol, Propanol, Isopropanol, Butanol and Pentanol

BC Hydrocarbons in water (not PAH adjusted) - BTEX, VPH, EPH

BTEX, VPH and EPH

BC Hydrocarbons in water (PAH adjusted) - BTEX, VPH, LEPH, HEPH, PAH

BTEX, VPH, LEPH, HEPH and PAH

BC Volatile Petroleum Hydrocarbons in water

Benzene, Toluene, Ethylbenzene, Xylenes and VPH - Volatile Petroleum Hydrocarbons (C6-C10)

BTEX in water

Benzene, Toluene, Ethylbenzene and Xylenes

CCME Petroleum Hydrocarbons in water: BTEX/F1-F2

Benzene, Toluene, Ethylbenzene, Xylenes, F1 and F2

Creosote related target compounds (PAH's & Pentachlorophenol) in water

*Regular PAH's (16 compounds) plus Carbazole, Dibenzofuran, C1 and C2-Naphthalenes,
Pentachlorophenol and C1-Phenanthrenes/Anthracenes*

Dissolved Organic Carbon (DOC) in water

Glycols in water

Ethylene Glycol, Propylene Glycol, Diethylene Glycol, Triethylene Glycol and Tetraethylene Glycol

Glyphosate in water

Haloacetic Acids in water

*Bromoacetic Acid, Bromochloroacetic Acid, Chloroacetic Acid, Dibromoacetic Acid, Dichloroacetic
Acid and Trichloroacetic acid*

Halogenated Aliphatics in water (Alberta Tier 1)

Refer to Table 2 of Alberta Tier 1 Remediation Guidelines

Hexachlorobenzene in water

MCPA in Water

2-Methyl-4-chlorophenoxyacetic Acid

Methanol in water

Nitritotriacetic Acid (NTA) in water

Oil & Grease in water

Pesticides / Herbicides in Water

*Atrazine, Bz(a)pyr, Bromoxynil, Chlorpyrifos, Cyanazine, Diazinon, Dicamba, 2,4-D, Diclofop-me,
Diuron, Dimethoate, Glyphosate, Malathion, Methoxychlor, Metolachlor, Metribuzin, NTA, Picloram,
Simazine, Terbufos, Triallate, Trifluralin*

Polychlorinated Biphenyls in water

Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, 1268, Total PCBs

WATER - Organics (contd.)

Polycyclic Aromatic Hydrocarbons (PAH) in water

Acenaphthene, Acenaphthylene, Anthracene, Bz(a)anthracene, Bz(a)pyrene, Bz(b+j,k)fluoranthene, Benzo(g,h,i)perylene, Chrysene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-c,d)pyrene, Naphthalene, Phenanthrene, Pyrene

Total Extractable Hydrocarbons (C10-C50) in water

Total Organic Carbon (TOC) in water

Total Petroleum Hydrocarbons (C6-C50) in water

Trichloroethene (TCE) and Tetrachloroethene (PCE) in water

Trihalomethanes in water

Bromoform, Bromodichloromethane, Dibromochloromethane and Chloroform

Volatile Organic Compounds (Drinking Water list)

Benzene, Carbon Tetrachloride, Chlorobenzene, 1,2 and 1,4-Dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethene, Ethylbenzene, Tetrachloroethene, Toluene, Vinyl Chloride and Xylenes

Volatile Organic Compounds in water (Full list - including AB Tier1)

BTEX, Trihalomethanes, Halogenated Aliphatics (24 compounds), Halogenated Aromatics (19 compounds), MTBE

No additional information

Analysis completed by a subcontract laboratory

Acute Lethality (Trout Bio-Assay, with pH Stabilization)

Analysis completed by a subcontract laboratory.

Acute Lethality (Trout Bio-Assay)

Analysis completed by a subcontract laboratory

Additional Sample Preparation Charge

Administration Fee

Alcohols in Sanitizer

Methanol, Ethanol, Propanol, Isopropanol, 2-Butanol, Isobutyl Alcohol, Butanol and Pentanol, as % (v/v)

Alkalinity of soil - Add-on to Detailed Salinity

Alkalinity (as CaCO₃), Bicarbonate, Carbonate, Hydroxide

Ammonia in Anhydrous Ammonia

Analysis completed by a subcontract laboratory

Ammonium in water

Ammonium (as N)

Analysis completed by a subcontract laboratory (data entry in KL LIMS)

Chloramines

Appearance of Liquids

Asbestos

Analysis completed by a subcontract laboratory

Available Ammonium (NH₄-N) in soil

Available ammonium (as N)

Bacterial Genus Identification (per isolate)

Analysis completed by a subcontract laboratory

Bacterial Gram Distribution and Determination of Numbers of Unique Isolates

Analysis completed by a subcontract laboratory

Bacterial Species Identification (per isolate)

Analysis completed by a subcontract laboratory

Barium in soil by ICP-MS (SALM Method)

Basic Sediment & Water

Analysis completed by a subcontract laboratory

BC CSR Hydrocarbon Preparation

No additional information (contd.)

BC CSR Metals in Soil

*Al, Sb, As, Ba, Be, B, Cd, Cr, Co, Cu, Fe, Pb, Li, Mn, Mo, Ni, Se, Ag, Sr, Tl, Sn, U, V, Zn, Hg, HWS
Boron*

BC Detailed Salinity in soil (mg/kg)

pH (1:2), EC, Cl, SO₄, Ca, Mg, K, Na, SAR, Saturation Percentage

BC Hydrocarbons in water (Parks Package) - BTEX, F1-F4, PAH, MTBE, Styrene

BTEX, F1-F4, PAH, MTBE, Styrene

Bulk Density

Analysis completed by a third-party laboratory.

Carbamates

Analysis completed by a subcontract laboratory

Carbaryl in Water

Analysis completed by a subcontract laboratory

Carbofuran in water

Analysis completed by a subcontract laboratory

Carbon in Soil

Analysis completed by a subcontract laboratory

Carbon Residue, % Carbon in liquid

Analysis completed by a subcontract laboratory

Carbon Residue, % Carbon in soil/solid

Analysis completed by a subcontract laboratory

Carbon:Nitrogen Ratio in water

Analysis completed by a subcontract laboratory

Cation Exchange Capacity (CEC)

Analysis completed by a subcontract laboratory

Cation Exchange Capacity (CEC) of Soil

CCME Petroleum Hydrocarbons in soil: F2-F4, F3a (C16-C22), F3b (C22-C34) and BIC

F2-F4, F3a, F3b and BIC

Charge for Cancellation

Chloramine

Analysis completed by a subcontract laboratory

Chloride and Sulphate in soil

Cl, SO₄

Chlorophenols in water (Extended List)

Analysis completed by a subcontract laboratory

No additional information (contd.)

Chlorophyll A in water

Analysis completed by a subcontract laboratory

Chromatogram

Chromium Speciation: Cr III and Cr VI in soil

Total Cr VI, Total Cr III

Density of Liquids

Dissolved metals including AB Tier 1 Metals (mercury in mg/L)

Al, Sb, As, Ba, B, Cd, Cr(III), Cr(VI), Cu, Fe, Pb, Mn, Hg (low-level), Ni, Se, Ag, U and Zn

E. coli in Soil

Analysis completed by a subcontract laboratory

E. Coli in Wipes

E.coli (CFU/wipe)

Electrical Conductivity in Oil

Analysis completed by a subcontract laboratory

Elemental Sulphur in soil

Analysis completed by a subcontract laboratory

Flat Rate Shipment Preparation Cost (Emergency)

Flat Rate Shipment Preparation Cost (Expedited)

Flat Rate Shipment Preparation Cost (Priority)

Flat Rate Shipment Preparation Cost (Rush)

Formaldehyde in liquids

Analysis completed by a subcontract laboratory

Gas Analysis - Not Air Corrected

Analysis completed by a subcontract laboratory

Gross Alpha and Gross Beta in Water

Analysis completed by a subcontract laboratory

H2O Innovations for Canada Malting - Daily Testing Package

Total Nitrogen, CBOD, pH, TSS, NH3-N, Total Phosphorus

H2O Innovations for Canada Malting - Monthly Testing Package

TKN, EC, Nitrite, Nitrate, Orthophosphate, Chloride, Dissolved Oxygen, Total and Dissolved Metals (Al, As, Cd, Cu, Pb, Ag)

Halogenated Aliphatics in oil

Analysis completed by a subcontract laboratory

Heterotrophic Plate Count in wipes

HPC (CFU/wipe)

No additional information (contd.)

Hydrocarbon Interpretation Report

Hydrogen Sulphide in soil/solid

Analysis completed by a subcontract laboratory

Kinematic Viscosity in Bleach

Analysis completed by a subcontract laboratory

Magnesium in Water

Metal: any single Metal (except Mercury) in soil (ICP-MS), SALM Method

Metals in Anhydrous Ammonia

Analysis completed by a subcontract laboratory

Metals in Soil (ICP-OES analysis)

Metals in Soil, ICP Scan, no Mercury

ICP-MS Metals, ICP-OES Metals

Methanol Vial Sets

2x 40mL vials with 10mL methanol

Methyldiethanolamine (MDEA) & Triethanolamine (TEA)

Analysis completed by a subcontract laboratory

Micro Carbon Residue

Analysis completed by a subcontract laboratory

Moisture Content in Oil

Analysis completed by a subcontract laboratory

Molybdenum in Solid

Analysis completed by subcontracted laboratory

NORMs in Water

Analysis completed by a subcontracted laboratory

Odor of Liquids

Organic Chloride in Crude Oil

Analysis completed by a subcontract laboratory

Oxidation-Reduction Potential of water

Perchlorate in Bleach

Analysis completed by a subcontract laboratory

Pesticides and Herbicides in vegetation

Analysis completed by a subcontract laboratory

pH in soil/solid

Analysis completed by a subcontract laboratory

No additional information (contd.)

pH of oil

Analysis completed by a subcontract laboratory

Polycyclic Aromatic Hydrocarbons in Oil

Analysis completed by a subcontract laboratory

Qualitative Isolation of Bacteria

Analysis completed by a subcontract laboratory

Saskatchewan ENVQG Metals in Soil

Sb, As, Ba, Be, Ba-B, Cd, Cr, Cr-VI, Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, Sn, V, U and Zn

SO₂ (Absorbed in potassium trichloromercurate) in water

Tellurium (Te) in soil

Analysis completed by a subcontract laboratory

Terracores

Terracore sampler

Thermotolerant (Fecal) Coliforms and E. coli in Soil

Analysis completed by a subcontract laboratory

TKN, Ammonia and Organic Nitrogen in water

TKN, Ammonia and Organic Nitrogen

Total and Fecal Coliforms & E.coli in Soil (MPN)

Analysis completed by subcontract laboratory

Total and Fecal Coliforms (CFU/100mL) in water

Analysis completed by a subcontract laboratory

Total and Thermotolerant (Fecal) Coliforms and E. Coli in Wipes

Total and Fecal coliforms (CFU/wipe), E.coli (CFU/wipe)

Total Carbon in soil

Analysis completed by a subcontract laboratory

Total Coliforms and E. Coli in Wipes

Total coliforms (CFU/wipe), E.coli (CFU/wipe)

Total Metals in Water including CCME Metals

Al, As, Be, B, Cd, Cr(III), Cr(VI), Co, Cu, Fe, Pb, Li, Hg, Mn, Mo, Ni, Se, Ag, Tl, U, V, and Zn

Total Microcystin in water

True Barium (by Fusion) in soil

Analysis completed by a subcontract laboratory

Ultimate Analysis (C,H,N,O, S Moisture and Ash)

Analysis completed by a subcontract laboratory

Unit# 288, 2880 45 Ave S.E.
 Calgary, AB, T2B 3M1
 Phone (403) 297-0868
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TURNAROUND TIME & SAMPLE STORAGE

Tests can be requested according to the desired turnaround time as follows (Monday - Friday, excluding Holidays with the exception of Emergency TAT requests)

	<u>Surcharge</u>	<u>Soil & Water</u>
Regular	None	5 days*
Advanced	10%	4 days*
Expedited	25%	3 days
Rush	50%	2 days
Priority	100%	Next Day
Emergency	200%	Weekends, Holidays & Same-day**

Due to the nature of some tests, 'Rush' analysis may not always be possible. Please reach out to our Client Services Team at kaizencsr@kaizenlab.ca prior to submission of samples to the Lab to coordinate any Rush analysis required

All samples will be stored until disposal date (39 days from the date received) unless otherwise instructed. If you do require your samples to be stored for a longer period of time, please reach out to our Client Services Team at kaizencsr@kaizenlab.ca. Additional charges will apply.

Sample Handling, Container Supply and Disposal Fee: \$8

**All prices are subject to change without notice.
 Please call for a quotation prior to submission of samples to the Lab.**

Chain of Custody and Supply Request forms are available at our website: www.kaizenlab.ca

* Please note some Microbiological and Organic tests have longer TATs between 10 and 15 days. Please check your SRC or contact Client Services to confirm TATs for time-sensitive samples.

** Same-day cut-off is 3 pm Monday - Friday (excluding Holidays)

