

Laboratory Rate Sheet
and
NELAP Accreditation Status

R.A. LaRosa Environmental Laboratory

Located at:

University of Vermont
Hills Building
105 Carrigan Drive
Burlington, VT 05405

T. Guy Roberts, Lab Director 802-522-3502
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ORGANICS

Test	Cost Per Test
Method 8021, BTEX in Water by GC/MS	96
Method 8260, Volatiles in Water by GC/MS	168
Method 8260, Volatiles in Soil by GC/MS	210
Method 8015 – TPH in Water and Soil by Gas Chromatography – Diesel or Lubricating Range Organics	96
Method 8015 – Gasoline Range Organics in Water	96
Method 8015 – Gasoline Range Organics in Soil	96
TO11 – Carbonyls in Air by HPLC	120
TO15 – Volatiles in Air Using GC/MS	480
Gasoline, Oxygenates and Aromatics	60

METALS

Test	Cost Per Test
Acid Rain Metals (Al, Ca, K, Mg, Na, Calculated Total Hardness)	24
Metals, All (Ag, Al, As Ba, Be, Ca, Cd, Cr, Co, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Tl, Zn and Total Calculated Hardness)	160
Metals, All – Dissolved (Ag, Al, As Ba, Be, Ca, Cd, Cr, Co, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Tl, Zn and Total Calculated Hardness)	160
Metals, Earth-ICP (Na, Ca, Mg, K, Al, Total Calculated Hardness)	32
Metals, Earth Dissolved by ICP (Na, Ca, Mg, K, Al, Total Calculated Hardness)	32
Mercury – Water	24
Mercury – Water Dissolved	24
Mercury – Soil or Fish	96
Strontium, Water	16
Strontium, Dissolved by ICP-MS	16
Uranium, Water	16
Uranium, Dissolved by ICP-MS	16
Vanadium, Water	16
Vanadium, Dissolved by ICP-MS	16
Metals in Air – (no Mercury)	176

AUTOMATED WET CHEMISTRY

Test	Cost Per Test
Ammonia	20
Chloride	10
Dissolved Silica	10
IC-Chloride	10
IC-Nitrate	10
IC -Sulfate	10
IC-Nitrite	10
IC-Fluoride	10
Phosphorus, Ortho	16
Nitrate + Nitrite	20
Nitrate + Nitrite, Soil	30
Phosphorus, Soil	24
Phosphorus, Total or Dissolved	16
Total Nitrogen	20

WET LAB / BACTERIOLOGY

Test	Cost Per Test
E. coli by Quanti-Tray	16
Total Coliform by Quanti-Tray	16
Total Coliform (P/A) by Quanti-Tray	16
Alkalinity	20
Chlorophyll-A	24
Cyanide – Contracted	Current price @ contract Lab including shipping
D.O. – Iodometric	12
pH	6
pH in Soil	6
Conductivity	10
Color – Total & Dissolved, Spect.	10
Oil & Grease, Water – Contracted	Current price @ contract Lab including shipping
COD	14
BOD Total Carb – 5 Day	62
BOD – 5 Day	62
Turbidity	10
Solids, Percent	10
Solids, Total Suspended	20
Solids, Total Volatile	20
Total Kjeldahl Nitrogen	32

NEW HAMPSHIRE ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

29 Hazen Drive, PO Box 95, Concord, NH 03302 (603) 271-2998



PRIMARY ACCREDITATION PARAMETER LIST ANALYTE LIST NUMBER: 300215-B

**VERMONT DEPT OF ENVIRONMENTAL CONSERVATION LABORATORY
103 SOUTH MAIN ST**

**WATERBURY VT 05671
(802) 244-4522
Lab ID: 3002**



NELAP RECOGNIZED

Analyte Code	Analyte Name	Effective Date	Expiration Date	Matrix	Category	Accr. Type
Method Code: 20211409 Method Ref.: SM 9223 B (COLILERT QUANTI-TRAY)		Revision: 21st ED	Date: 2005			
2500	TOTAL COLIFORMS	09/18/2008	09/17/2016	N	MIC	NE
2525	ESCHERICHIA COLI	01/10/2008	09/17/2016	N	MIC	NE
Method Code: 10036609 Method Ref.: EPA 245.1		Revision: 3	Date: 1994			
1095	MERCURY, TOTAL	09/28/2015	09/17/2016	N	MET	NE
Method Code: 10156419 Method Ref.: SW-846 6020A		Revision:	Date: 2007			
1000	ALUMINUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1005	ANTIMONY, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1010	ARSENIC, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1015	BARIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1020	BERYLLIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1030	CADMIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1035	CALCIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1040	CHROMIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1050	COBALT, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1055	COPPER, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1070	IRON, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1075	LEAD, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1085	MAGNESIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1090	MANGANESE, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1100	MOLYBDENUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1105	NICKEL, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1125	POTASSIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1140	SELENIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1150	SILVER, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1155	SODIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1160	STRONTIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1165	THALLIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1185	VANADIUM, TOTAL	09/29/2015	09/17/2016	N	MET	NE
1190	ZINC, TOTAL	09/29/2015	09/17/2016	N	MET	NE
Method Code: 10053200 Method Ref.: EPA 300.0		Revision: 2.1	Date: 1993			
1575	CHLORIDE	12/22/2010	09/17/2016	N	NMI	NE

This analyte list supersedes all previously issued analyte lists. Method accreditation does not imply acceptance for NHDES compliance testing. Customers may verify the laboratory's current accreditation status by calling at (603) 271-2998. Laboratory is required to use EPA approved/accepted methods where required by regulation.

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Analyte Code	Analyte Name	Effective Date	Expiration Date	Matrix	Category	Accr. Type
1810	NITRATE AS N	01/10/2008	09/17/2016	N	NMI	NE
1840	NITRITE AS N	01/10/2008	09/17/2016	N	NMI	NE
2000	SULFATE	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 20042608 Method Ref.: SM 2130 B		Revision: 21st ED		Date: 2005		
2055	TURBIDITY	09/18/2011	09/17/2016	N	NMI	NE
Method Code: 20045403 Method Ref.: SM 2320 B		Revision: 21st ED		Date: 1997		
1505	ALKALINITY	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 20048402 Method Ref.: SM 2510 B		Revision: 21st ED		Date: 1997		
1610	CONDUCTIVITY	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 20051007 Method Ref.: SM 2540 D		Revision: 21st ED		Date: 1997		
1960	RESIDUE, NON-FILTERABLE (TSS)	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 20081407 Method Ref.: SM 4500-CL G		Revision: 21st ED		Date: 2000		
1575	CHLORIDE	09/18/2008	09/17/2016	N	NMI	NE
Method Code: 20105004 Method Ref.: SM 4500-H+ B		Revision: 21st ED		Date: 2000		
1900	HYDROGEN ION (PH)	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 20112009 Method Ref.: SM 4500-NH3 H		Revision: 21st ED		Date: 2005		
1515	AMMONIA	09/18/2008	09/17/2016	N	NMI	NE
Method Code: 20118552 Method Ref.: SM 4500-NO3 I		Revision: 21ST ED		Date: 2005		
1825	NITRATE-NITRITE, TOTAL	09/18/2008	09/17/2016	N	NMI	NE
Method Code: 20120609 Method Ref.: SM 4500-O C		Revision: 21st ED		Date: 2005		
1880	OXYGEN, DISSOLVED	09/18/2008	09/17/2016	N	NMI	NE
Method Code: 20125159 Method Ref.: SM 4500 P H		Revision: 21ST ED		Date: 2005		
1910	PHOSPHORUS, TOTAL	09/18/2008	09/17/2016	N	NMI	NE
Method Code: 20129855 Method Ref.: SM 4500 SIO2 F		Revision: 21ST ED		Date: 2005		
1995	SILICA, DISSOLVED	06/29/2010	09/17/2016	N	NMI	NE
Method Code: 20135006 Method Ref.: SM 5210 B		Revision: 21st ED		Date: 2001		
1530	BIOLOGICAL OXYGEN DEMAND (BOD)	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 60003001 Method Ref.: HACH 8000		Revision: 4TH ED		Date:		
1565	COD	01/10/2008	09/17/2016	N	NMI	NE
Method Code: 60003818 Method Ref.: HACH 8167		Revision: 4TH ED		Date:		
1940	CHLORINE, RESIDUAL TOTAL	01/10/2008	09/17/2016	N	NMI	NE
Method Code: NH0124 Method Ref.: SM 4500-N C MODIFIED		Revision: 21ST ED		Date: 2005		
1827	NITROGEN, TOTAL	03/15/2010	09/17/2016	N	NMI	NE

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Method Code: 10133207	Method Ref.: SW-846 3005A	Revision: 1	Date: 1992			
1438	PRECONCENTRATION UNDER ACID	09/29/2015	09/17/2016	N	PRE	NE
Method Code: 10134404	Method Ref.: SW-846 3020A	Revision: 1	Date: 1992			
1422	HOT PLATE ACID DIGESTION (HNO3 ONLY)	09/29/2015	09/17/2016	N	PRE	NE
Method Code: 10156419	Method Ref.: SW-846 6020A	Revision:	Date: 2007			
1184	URANIUM (MASS)	09/29/2015	09/17/2016	N	RAD	NE

Bill Hall
VERMONT D 09/29/2015

Bill Hall
NH ELAP Program Manager
Issue Date: 09/29/2015

Matrix Legend: D=Drinking Water; N=Non-Potable Water; SC=Solid and Chemical Materials

Category Legend: MIC=Microbiology; MET=Metals; NMI=Non-Metal Inorganics; PRE=Preparation; VOC=Volatile Organic Compounds; SBN=SVOC-BNA; SHE=SVOC-Herbicides; SNO=SVOC-NOS; SPC=SVOC-PCB; SPE=SVOC-Pesticides; RAD=Radiochemistry; WET=Wet

Accreditation Legend: NE=NELAP; NH=NH State Certification; CE=State Certification; IN=Interim (NELAP); WI=Withdrawn; AP=Applied; RE=Revoked; SU=Suspended

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