



Minnesota Department of Health
Environmental Laboratory Accreditation Program

Issues accreditation to

State Laboratory ID: 018-999-338

UJ LLC
110 South Hill Street
South Bend, IN 46617



for fields of testing listed on the laboratory's accompanying Scope of Certification in accordance with the provisions in Minnesota Laws and Rules.

Continued accreditation is contingent upon successful on-going compliance with Minnesota Statutes 144.97 to 144.98, 2003 NELAC Standard and applicable Minnesota Rules 4740.2010 to 4740.2120. The laboratory's Scope of Certification cites the specific programs, methods, analytes and matrices (i.e. fields of testing) for which MDH issues this accreditation.

This certificate is valid proof of accreditation only when associated with its accompanying Scope of Certification.

The Scope of Certification and reports of on-site inspections are on file at the Minnesota Department of Health, 601 Robert Street North, Saint Paul, Minnesota. Customers may verify the laboratory's accreditation status in Minnesota by contacting MN-ELAP at (651) 201-5200.

Effective Date: 12/19/2011

Expires: 12/31/2012

Susan R. Wyatt, MN-ELAP Supervisor

Certificate Number: 368558



*Environmental Laboratory Certification Program
Scope of Certification
Certified Minnesota Environmental Laboratories*

**THIS LISTING OF CERTIFIED FIELDS OF TESTING MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 368558**

State Laboratory ID: 018-999-338

EPA Lab Code: IN00035

Expiration Date: 12/31/2012

Issue Date: 12/19/2011

UL LLC

110 South Hill Street

South Bend, IN 46617

Safe Drinking Water Program

Colisure®

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	Colisure®	Escherichia coli	DW	FL	
SDWP	Colisure®	Total coliforms	DW	FL	

EPA 150.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 150.1	pH	DW	FL	

EPA 1613

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 1613	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	DW	FL	

EPA 180.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 180.1	Turbidity	DW	FL	

EPA 200.7

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 200.7	Aluminum	DW	FL	
SDWP	EPA 200.7	Calcium	DW	FL	
SDWP	EPA 200.7	Iron	DW	FL	
SDWP	EPA 200.7	Magnesium	DW	FL	
SDWP	EPA 200.7	Manganese	DW	FL	
SDWP	EPA 200.7	Silica as SiO ₂	DW	FL	
SDWP	EPA 200.7	Silver	DW	FL	
SDWP	EPA 200.7	Sodium	DW	FL	

EPA 200.8

Preparation Techniques: Digestion, hotplate or HotBlock;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 200.8	Aluminum	DW	FL	
SDWP	EPA 200.8	Antimony	DW	FL	
SDWP	EPA 200.8	Arsenic	DW	FL	
SDWP	EPA 200.8	Barium	DW	FL	
SDWP	EPA 200.8	Beryllium	DW	FL	
SDWP	EPA 200.8	Cadmium	DW	FL	
SDWP	EPA 200.8	Chromium	DW	FL	
SDWP	EPA 200.8	Copper	DW	FL	
SDWP	EPA 200.8	Lead	DW	FL	
SDWP	EPA 200.8	Manganese	DW	FL	
SDWP	EPA 200.8	Nickel	DW	FL	
SDWP	EPA 200.8	Selenium	DW	FL	
SDWP	EPA 200.8	Silver	DW	FL	

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 200.8	Thallium	DW	FL	
SDWP	EPA 200.8	Uranium	DW	FL	
SDWP	EPA 200.8	Zinc	DW	FL	

EPA 245.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 245.1	Mercury	DW	FL	

EPA 300.0

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 300.0	Bromide	DW	FL	
SDWP	EPA 300.0	Chloride	DW	FL	
SDWP	EPA 300.0	Chlorite	DW	FL	
SDWP	EPA 300.0	Fluoride	DW	FL	
SDWP	EPA 300.0	Nitrate	DW	FL	
SDWP	EPA 300.0	Sulfate	DW	FL	

EPA 300.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 300.1	Bromate	DW	FL	

EPA 317.0

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 317.0	Bromate	DW	FL	

EPA 335.4

Preparation Techniques: Distillation, MIDI;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 335.4	Cyanide	DW	FL	

EPA 353.2

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 353.2	Nitrate	DW	FL	
SDWP	EPA 353.2	Nitrite	DW	FL	

EPA 504.1

Preparation Techniques: Extraction, micro;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 504.1	1,2-Dibromo-3-chloropropane (DBCP)	DW	FL	
SDWP	EPA 504.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	DW	FL	

EPA 505

Preparation Techniques: Extraction, micro;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 505	Aroclor-1016 (PCB-1016)	DW	FL	
SDWP	EPA 505	Aroclor-1221 (PCB-1221)	DW	FL	
SDWP	EPA 505	Aroclor-1232 (PCB-1232)	DW	FL	
SDWP	EPA 505	Aroclor-1242 (PCB-1242)	DW	FL	
SDWP	EPA 505	Aroclor-1248 (PCB-1248)	DW	FL	
SDWP	EPA 505	Aroclor-1254 (PCB-1254)	DW	FL	
SDWP	EPA 505	Aroclor-1260 (PCB-1260)	DW	FL	
SDWP	EPA 505	Chlordane (tech.)	DW	FL	
SDWP	EPA 505	Toxaphene (Chlorinated camphene)	DW	FL	

EPA 515.3

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 515.3	2,4-D	DW	FL	
SDWP	EPA 515.3	Dalapon	DW	FL	
SDWP	EPA 515.3	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	DW	FL	
SDWP	EPA 515.3	Pentachlorophenol	DW	FL	
SDWP	EPA 515.3	Picloram	DW	FL	
SDWP	EPA 515.3	Silvex (2,4,5-TP)	DW	FL	

EPA 524.2

Preparation Techniques: Purge and trap;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 524.2	1,1,1-Trichloroethane	DW	FL	
SDWP	EPA 524.2	1,1,2-Trichloroethane	DW	FL	
SDWP	EPA 524.2	1,1-Dichloroethylene	DW	FL	
SDWP	EPA 524.2	1,2,4-Trichlorobenzene	DW	FL	
SDWP	EPA 524.2	1,2-Dichlorobenzene	DW	FL	
SDWP	EPA 524.2	1,2-Dichloroethane (Ethylene dichloride)	DW	FL	
SDWP	EPA 524.2	1,2-Dichloropropane	DW	FL	
SDWP	EPA 524.2	1,3-Dichlorobenzene	DW	FL	
SDWP	EPA 524.2	1,4-Dichlorobenzene	DW	FL	
SDWP	EPA 524.2	Benzene	DW	FL	
SDWP	EPA 524.2	Bromodichloromethane	DW	FL	
SDWP	EPA 524.2	Bromoform	DW	FL	
SDWP	EPA 524.2	Carbon tetrachloride	DW	FL	
SDWP	EPA 524.2	Chlorobenzene	DW	FL	
SDWP	EPA 524.2	Chlorodibromomethane	DW	FL	
SDWP	EPA 524.2	Chloroform	DW	FL	
SDWP	EPA 524.2	cis-1,2-Dichloroethylene	DW	FL	
SDWP	EPA 524.2	Ethylbenzene	DW	FL	
SDWP	EPA 524.2	Methylene chloride (Dichloromethane)	DW	FL	
SDWP	EPA 524.2	Styrene	DW	FL	
SDWP	EPA 524.2	Tetrachloroethylene (Perchloroethylene)	DW	FL	

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 524.2	Toluene	DW	FL	
SDWP	EPA 524.2	Total Trihalomethanes	DW	FL	
SDWP	EPA 524.2	trans-1,2-Dichloroethylene	DW	FL	
SDWP	EPA 524.2	Trichloroethene (Trichloroethylene)	DW	FL	
SDWP	EPA 524.2	Vinyl chloride	DW	FL	
SDWP	EPA 524.2	Xylene (total)	DW	FL	

EPA 525.2

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 525.2	Alachlor	DW	FL	
SDWP	EPA 525.2	Atrazine	DW	FL	
SDWP	EPA 525.2	Benzo(a)pyrene	DW	FL	
SDWP	EPA 525.2	bis(2-Ethylhexyl)adipate	DW	FL	
SDWP	EPA 525.2	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	DW	FL	
SDWP	EPA 525.2	Endrin	DW	FL	
SDWP	EPA 525.2	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	DW	FL	
SDWP	EPA 525.2	Heptachlor	DW	FL	
SDWP	EPA 525.2	Heptachlor epoxide	DW	FL	
SDWP	EPA 525.2	Hexachlorobenzene	DW	FL	
SDWP	EPA 525.2	Hexachlorocyclopentadiene	DW	FL	
SDWP	EPA 525.2	Methoxychlor	DW	FL	
SDWP	EPA 525.2	Simazine	DW	FL	

EPA 531.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 531.1	Carbofuran (Furaden)	DW	FL	
SDWP	EPA 531.1	Oxamyl	DW	FL	

EPA 531.2

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 531.2	Carbofuran (Furaden)	DW	FL	
SDWP	EPA 531.2	Oxamyl	DW	FL	

EPA 547

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 547	Glyphosate	DW	FL	

EPA 548.1

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 548.1	Endothall	DW	FL	

EPA 549.2

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 549.2	Diquat	DW	FL	

EPA 551.1

Preparation Techniques: Extraction, separatory funnel liquid-liquid (LLE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 551.1	Bromodichloromethane	DW	FL	
SDWP	EPA 551.1	Bromoform	DW	FL	
SDWP	EPA 551.1	Chlorodibromomethane	DW	FL	
SDWP	EPA 551.1	Chloroform	DW	FL	
SDWP	EPA 551.1	Total Trihalomethanes	DW	FL	

EPA 552.2

Preparation Techniques: Extraction, separatory funnel liquid-liquid (LLE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 552.2	Bromoacetic acid	DW	FL	
SDWP	EPA 552.2	Bromochloroacetic acid	DW	FL	
SDWP	EPA 552.2	Chloroacetic acid	DW	FL	
SDWP	EPA 552.2	Dichloroacetic acid	DW	FL	
SDWP	EPA 552.2	Trichloroacetic acid	DW	FL	

EPA 906.0

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 906.0	Tritium	DW	FL	

Lachat 10-204-00-1-X

Preparation Techniques: Distillation, MIDI;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	Lachat 10-204-00-1-X	Cyanide	DW	FL	

SimPlate®

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SimPlate®	Heterotrophic plate count	DW	FL	

SM 2120 B-93

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 2120 B-93	Color	DW	FL	

SM 2320 B-97

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 2320 B-97	Alkalinity as CaCO ₃	DW	FL	

SM 2510 B-97

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 2510 B-97	Conductivity	DW	FL	

SM 2540 C-97

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 2540 C-97	Residue-filterable (TDS)	DW	FL	

SM 4500-Cl G-93

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 4500-Cl G-93	Free chlorine	DW	FL	
SDWP	SM 4500-Cl G-93	Total chlorine	DW	FL	

SM 4500-F⁻ C-97

Preparation Techniques: Distillation, MIDI;

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 4500-F ⁻ C-97	Fluoride	DW	FL	

SM 4500-P E-97

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 4500-P E-97	Orthophosphate as P	DW	FL	

SM 7110 B (GPC)-96

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 7110 B (GPC)-96	Gross alpha-beta	DW	FL	

SM 7110 C (GPC)-96

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 7110 C (GPC)-96	Gross-alpha	DW	FL	

SM 7500-Ra B (GPC)-93

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 7500-Ra B (GPC)-93	Radium-226	DW	FL	

SM 7500-Ra D-93

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 7500-Ra D-93	Radium-228	DW	FL	

SM 9215 B (PCA)-94

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 9215 B (PCA)-94	Heterotrophic plate count	DW	FL	

SM 9223 B (Colilert® Quanti-Tray®)-97

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	SM 9223 B (Colilert® Quanti-Tray®)-97	Escherichia coli	DW	FL	
SDWP	SM 9223 B (Colilert® Quanti-Tray®)-97	Total coliforms	DW	FL	

Technicon 380-75WE

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	Technicon 380-75WE	Fluoride	DW	FL	

Note: Method beginning with "SM" refer to the approved editions of Standard methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.