



**Minnesota Department of Health
Environmental Laboratory Accreditation Program**



Issues accreditation to

State Laboratory ID: 037-999-488

EPA Lab Code: NC01463

Enthalpy Analytical, LLC

2714 Exchange Drive

Wilmington, NC 28405

for fields of accreditation 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, 2016 TNI Standard and applicable Minnesota Rules 4740.2010 to 4740.2120. The laboratory's Scope of Certification cites the specific programs, methods, analytes and matrices 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 assessments 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 MNELAP at (651) 201-5324.

Effective Date: 12/29/2023

Expires: 12/31/2024

Certificate Number: 2645055

Issued under the authority
delegated by the
Commissioner of Health,
State of Minnesota



Environmental Laboratory Accreditation Program
Scope of Certification

**THIS LISTING OF FIELDS OF ACCREDITATION MUST BE
ACCOMPANIED BY CERTIFICATE NUMBER: 2645055**

State Laboratory ID: 037-999-488

EPA Lab Code: NC01463

Issue Date: 12/29/2023

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Enthalpy Analytical, LLC
2714 Exchange Drive
Wilmington, NC 28405

Clean Air Act

EPA Method 23

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
CAA	EPA Method 23	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	AIR	LA_DEQ	

Program	Method	Analyte	Matrix	Primary	SOP
CAA	EPA Method 23	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	AIR	LA_DEQ	
CAA	EPA Method 23	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	AIR	LA_DEQ	
CAA	EPA Method 23	2,3,4,6,7,8-Hexachlorodibenzofuran	AIR	LA_DEQ	
CAA	EPA Method 23	2,3,4,7,8-Pentachlorodibenzofuran	AIR	LA_DEQ	
CAA	EPA Method 23	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	AIR	LA_DEQ	
CAA	EPA Method 23	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	AIR	LA_DEQ	

Clean Water Program

EPA 1613B

Preparation Techniques: Extraction, solid phase (SPE); Extraction, automated soxhlet;

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,4,7,8-Heptachlorodibenzofuran (1,2,3,4,7,8-hpcdf)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	LA_DEQ	
CWP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	LA_DEQ	
CWP	EPA 1613B	2,3,4,6,7,8-Hexachlorodibenzofuran	NPW	LA_DEQ	
CWP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	NPW	LA_DEQ	

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 1613B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	LA_DEQ	
CWP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Heptachlorodibenzo-p-dioxin (Total HPCDD)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Heptachlorodibenzofuran (Total HPCDF)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Hexachlorodibenzo-p-dioxin (Total HXCDD)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Hexachlorodibenzofuran (Total HXCDF)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Pentachlorodibenzo-p-dioxin (Total PECDD)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Pentachlorodibenzofuran (Total PECDF)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	NPW	LA_DEQ	
CWP	EPA 1613B	Total Tetrachlorodibenzofuran (Total TCDF)	NPW	LA_DEQ	

Resource Conservation Recovery Program

EPA 1613B

Preparation Techniques: Extraction, solid phase (SPE); Extraction, automated soxhlet;

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	SCM	LA_DEQ	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	LA_DEQ	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	SCM	LA_DEQ	
RCRP	EPA 1613B	2,3,4,6,7,8-Hexachlorodibenzofuran	SCM	LA_DEQ	
RCRP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	SCM	LA_DEQ	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	LA_DEQ	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Heptachlorodibenzo-p-dioxin (Total HPCDD)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Heptachlorodibenzofuran (Total HPCDF)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Hexachlorodibenzo-p-dioxin (Total HXCDD)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Hexachlorodibenzofuran (Total HXCDF)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Pentachlorodibenzo-p-dioxin (Total PECDD)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Pentachlorodibenzofuran (Total PECDF)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	SCM	LA_DEQ	
RCRP	EPA 1613B	Total Tetrachlorodibenzofuran (Total TCDF)	SCM	LA_DEQ	

EPA 8290A Update IV

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

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	SCM	LA_DEQ	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	LA_DEQ	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290A Update IV	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,4,6,7,8-Hexachlorodibenzofuran	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,4,6,7,8-Hexachlorodibenzofuran	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,4,6,7,8-Hexachlorodibenzofuran	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,4,7,8-Pentachlorodibenzofuran	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,4,7,8-Pentachlorodibenzofuran	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,4,7,8-Pentachlorodibenzofuran	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Heptachlorodibenzo-p-dioxin (Total HPCDD)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Heptachlorodibenzo-p-dioxin (Total HPCDD)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Heptachlorodibenzo-p-dioxin (Total HPCDD)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Heptachlorodibenzofuran (Total HPCDF)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Heptachlorodibenzofuran (Total HPCDF)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Heptachlorodibenzofuran (Total HPCDF)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Hexachlorodibenzo-p-dioxin (Total HXCDD)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Hexachlorodibenzo-p-dioxin (Total HXCDD)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Hexachlorodibenzo-p-dioxin (Total HXCDD)	TISSUE	LA_DEQ	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290A Update IV	Total Hexachlorodibenzofuran (Total HXCDF)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Hexachlorodibenzofuran (Total HXCDF)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Hexachlorodibenzofuran (Total HXCDF)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Pentachlorodibenzo-p-dioxin (Total PECDD)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Pentachlorodibenzo-p-dioxin (Total PECDD)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Pentachlorodibenzo-p-dioxin (Total PECDD)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Pentachlorodibenzofuran (Total PECDF)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Pentachlorodibenzofuran (Total PECDF)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Pentachlorodibenzofuran (Total PECDF)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	SCM	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Tetrachlorodibenzofuran (Total TCDF)	TISSUE	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Tetrachlorodibenzofuran (Total TCDF)	NPW	LA_DEQ	
RCRP	EPA 8290A Update IV	Total Tetrachlorodibenzofuran (Total TCDF)	SCM	LA_DEQ	

Safe Drinking Water Program

EPA 533

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 533	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	DW	FL	
SDWP	EPA 533	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	DW	FL	
SDWP	EPA 533	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	DW	FL	
SDWP	EPA 533	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	DW	FL	
SDWP	EPA 533	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	DW	FL	

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 533	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	DW	FL	
SDWP	EPA 533	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	DW	FL	
SDWP	EPA 533	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)	DW	FL	
SDWP	EPA 533	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	DW	FL	
SDWP	EPA 533	Perfluoro-3-methoxypropanoic acid (PFMPA)	DW	FL	
SDWP	EPA 533	Perfluoro-4-methoxybutanoic acid (PFMBA)	DW	FL	
SDWP	EPA 533	Perfluorobutane sulfonic acid (PFBS)	DW	FL	
SDWP	EPA 533	Perfluorobutanoic acid (PFBA)	DW	FL	
SDWP	EPA 533	Perfluorodecanoic acid (PFDA)	DW	FL	
SDWP	EPA 533	Perfluorododecanoic acid (PFDOA)	DW	FL	
SDWP	EPA 533	Perfluoroheptane sulfonic acid (PFHpS)	DW	FL	
SDWP	EPA 533	Perfluoroheptanoic acid (PFHpA)	DW	FL	
SDWP	EPA 533	Perfluorohexane sulfonic acid (PFHxS)	DW	FL	
SDWP	EPA 533	Perfluorohexanoic acid (PFHxA)	DW	FL	
SDWP	EPA 533	Perfluorononanoic acid (PFNA)	DW	FL	
SDWP	EPA 533	Perfluorooctane sulfonic acid (PFOS)	DW	FL	
SDWP	EPA 533	Perfluorooctanoic acid (PFOA)	DW	FL	
SDWP	EPA 533	Perfluoropentane sulfonic acid (PFPeS)	DW	FL	
SDWP	EPA 533	Perfluoropentanoic acid (PFPeA)	DW	FL	
SDWP	EPA 533	Perfluoroundecanoic acid (PFUnDA)	DW	FL	

EPA 537.1 Rev. 1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 537.1 Rev. 1	11-Chlorocosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	DW	FL	
SDWP	EPA 537.1 Rev. 1	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	DW	FL	
SDWP	EPA 537.1 Rev. 1	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	DW	FL	

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 537.1 Rev. 1	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorobutane sulfonic acid (PFBS)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorodecanoic acid (PFDA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorododecanoic acid (PFDOA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluoroheptanoic acid (PFHpA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorohexane sulfonic acid (PFHxS)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorohexanoic acid (PFHxA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorononanoic acid (PFNA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorooctane sulfonic acid (PFOS)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorooctanoic acid (PFOA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorotetradecanoic acid (PFTDA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluorotridecanoic acid (PFTTrDA)	DW	FL	
SDWP	EPA 537.1 Rev. 1	Perfluoroundecanoic acid (PFUnDA)	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.