



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



Issues accreditation to

State Laboratory ID: 006-999-466

EPA Lab Code: CA00413

**Enthalpy Analytical LLC.
1104 Windfield Way
El Dorado Hills, CA 95762**

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: 12/28/2021

Expires: 12/31/2022

Certificate Number: 2211390

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: 2211390**

State Laboratory ID: 006-999-466

EPA Lab Code: CA00413

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Enthalpy Analytical LLC.
1104 Windfield Way
El Dorado Hills, CA 95762

Clean Water Program

EPA 1613B

Preparation Techniques: Extraction, separatory funnel liquid-liquid (LLE); Extraction, automated soxhlet; Extraction, solid phase (SPE);

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

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	OR	
CWP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	OR	
CWP	EPA 1613B	2,3,4,6,7,8-Hexachlorodibenzofuran	NPW	OR	
CWP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	NPW	OR	
CWP	EPA 1613B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	OR	
CWP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	NPW	OR	
CWP	EPA 1613B	Total HpCDD	NPW	OR	
CWP	EPA 1613B	Total HpCDF	NPW	OR	
CWP	EPA 1613B	Total HxCDD	NPW	OR	
CWP	EPA 1613B	Total HxCDF	NPW	OR	
CWP	EPA 1613B	Total PeCDD	NPW	OR	
CWP	EPA 1613B	Total PeCDF	NPW	OR	
CWP	EPA 1613B	Total TCDD	NPW	OR	
CWP	EPA 1613B	Total TCDF	NPW	OR	

Resource Conservation Recovery Program

MPCA Guidance PFAS

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	NPW	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	SCM	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	DW	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	NPW	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	DW	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	SCM	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	DW	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	SCM	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Dodecafluoro-3H-4,8-dioxanonoate (NaDONA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Dodecafluoro-3H-4,8-dioxanonoate (NaDONA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Dodecafluoro-3H-4,8-dioxanonoate (NaDONA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Dodecafluoro-3H-4,8-dioxanonoate (NaDONA)	DW	OR	
RCRP	MPCA Guidance PFAS	Dodecafluoroheptanoic acid (h-pfhp)	NPW	OR	
RCRP	MPCA Guidance PFAS	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	SCM	OR	
RCRP	MPCA Guidance PFAS	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	DW	OR	
RCRP	MPCA Guidance PFAS	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido acetic acid NEtFOSAA)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido acetic acid NEtFOSAA)	DW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido acetic acid NEtFOSAA)	SCM	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido acetic acid NEtFOSAA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	DW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SCM	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	DW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	SCM	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamide (MeFOSA)	TISSUE	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamide (MeFOSA)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamide (MeFOSA)	DW	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamide (MeFOSA)	SCM	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	SCM	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	DW	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido ethanol (N_MeFOSE)	SCM	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido ethanol (N_MeFOSE)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido ethanol (N_MeFOSE)	NPW	OR	
RCRP	MPCA Guidance PFAS	N-Methylperfluorooctane sulfonamido ethanol (N_MeFOSE)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonate (PFBS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonate (PFBS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonate (PFBS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonic acid (PFBS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonic acid (PFBS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonic acid (PFBS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutane sulfonic acid (PFBS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutanoic acid (PFBA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutanoic acid (PFBA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutanoic acid (PFBA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorobutanoic acid (PFBA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecane sulfonic acid (PFDS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecane sulfonic acid (PFDS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecane sulfonic acid (PFDS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecane sulfonic acid (PFDS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecanoic acid (PFDA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecanoic acid (PFDA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecanoic acid (PFDA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorodecanoic acid (PFDA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecane sulfonic acid (PFDoS)	NPW	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFAS	Perfluorododecane sulfonic acid (PFDoS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecane sulfonic acid (PFDoS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecane sulfonic acid (PFDoS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecanoic acid (PFDOA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecanoic acid (PFDOA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecanoic acid (PFDOA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorododecanoic acid (PFDOA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptane sulfonic acid (PFHpS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptane sulfonic acid (PFHpS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptane sulfonic acid (PFHpS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptane sulfonic acid (PFHpS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptanoic acid (PFHpA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptanoic acid (PFHpA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptanoic acid (PFHpA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroheptanoic acid (PFHpA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexadecanoic acid (PFHXDA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexadecanoic acid (PFHXDA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexadecanoic acid (PFHXDA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexadecanoic acid (PFHXDA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonate (PFHxS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonate (PFHxS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonate (PFHxS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonate (PFHxS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonic acid (PFHxS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonic acid (PFHxS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonic acid (PFHxS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexane sulfonic acid (PFHxS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexanoic acid (PFHxA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexanoic acid (PFHxA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexanoic acid (PFHxA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorohexanoic acid (PFHxA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorononane sulfonic acid (PFNS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorononane sulfonic acid (PFNS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorononane sulfonic acid (PFNS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorononane sulfonic acid (PFNS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorononanoic acid (PFNA)	TISSUE	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFAS	Perfluorononanoic acid (PFNA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorononanoic acid (PFNA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorononanoic acid (PFNA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctadecanoic acid (PFODA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonamide (PFOSAm)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonamide (PFOSAm)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonamide (PFOSAm)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonamide (PFOSAm)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonate (PFOS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonate (PFOS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonate (PFOS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonate (PFOS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonic acid (PFOS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonic acid (PFOS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonic acid (PFOS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctane sulfonic acid (PFOS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctanoic acid (PFOA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctanoic acid (PFOA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctanoic acid (PFOA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorooctanoic acid (PFOA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentane sulfonic acid (PFPeS)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentane sulfonic acid (PFPeS)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentane sulfonic acid (PFPeS)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentane sulfonic acid (PFPeS)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentanoic acid (PFPeA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentanoic acid (PFPeA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentanoic acid (PFPeA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluoropentanoic acid (PFPeA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorotetradecanoic acid (PFTDA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorotetradecanoic acid (PFTDA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorotetradecanoic acid (PFTDA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorotetradecanoic acid (PFTDA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluorotridecanoic acid (PFTrDA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluorotridecanoic acid (PFTrDA)	TISSUE	OR	
RCRP	MPCA Guidance PFAS	Perfluorotridecanoic acid (PFTrDA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluorotridecanoic acid (PFTrDA)	SCM	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFAS	Perfluoroundecanoic acid (PFUDA)	NPW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroundecanoic acid (PFUDA)	SCM	OR	
RCRP	MPCA Guidance PFAS	Perfluoroundecanoic acid (PFUDA)	DW	OR	
RCRP	MPCA Guidance PFAS	Perfluoroundecanoic acid (PFUDA)	TISSUE	OR	

EPA 1613B

Preparation Techniques: Extraction, separatory funnel liquid-liquid (LLE); Extraction, automated soxhlet; Extraction, solid phase (SPE);

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

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	OR	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	TISSUE	OR	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	SCM	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	TISSUE	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	TISSUE	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	OR	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	OR	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	OR	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	TISSUE	OR	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	OR	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	SCM	OR	
RCRP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	TISSUE	OR	
RCRP	EPA 1613B	2,3,4,6,7,8-Hexachlorodibenzofuran	SCM	OR	
RCRP	EPA 1613B	2,3,4,6,7,8-Hexachlorodibenzofuran	TISSUE	OR	
RCRP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	SCM	OR	
RCRP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	TISSUE	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	TISSUE	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	TISSUE	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	SCM	OR	
RCRP	EPA 1613B	Total HpCDD	SCM	OR	
RCRP	EPA 1613B	Total HpCDD	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDF	SCM	OR	
RCRP	EPA 1613B	Total HpCDF	TISSUE	OR	
RCRP	EPA 1613B	Total HxCDD	TISSUE	OR	
RCRP	EPA 1613B	Total HxCDD	SCM	OR	
RCRP	EPA 1613B	Total HxCDF	TISSUE	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1613B	Total HxCDF	SCM	OR	
RCRP	EPA 1613B	Total PeCDD	SCM	OR	
RCRP	EPA 1613B	Total PeCDD	TISSUE	OR	
RCRP	EPA 1613B	Total PeCDF	SCM	OR	
RCRP	EPA 1613B	Total PeCDF	TISSUE	OR	
RCRP	EPA 1613B	Total TCDD	SCM	OR	
RCRP	EPA 1613B	Total TCDD	TISSUE	OR	
RCRP	EPA 1613B	Total TCDF	SCM	OR	
RCRP	EPA 1613B	Total TCDF	TISSUE	OR	

Safe Drinking Water Program

EPA 537

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 537	N-Ethylperfluorooctane sulfonamido acetic acid NEtFOSAA)	DW	OR	
SDWP	EPA 537	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	DW	OR	
SDWP	EPA 537	Perfluorobutane sulfonic acid (PFBS)	DW	OR	
SDWP	EPA 537	Perfluorodecanoic acid (PFDA)	DW	OR	
SDWP	EPA 537	Perfluorododecanoic acid (PFDOA)	DW	OR	
SDWP	EPA 537	Perfluoroheptanoic acid (PFHpA)	DW	OR	
SDWP	EPA 537	Perfluorohexane sulfonic acid (PFHxS)	DW	OR	
SDWP	EPA 537	Perfluorohexanoic acid (PFHxA)	DW	OR	
SDWP	EPA 537	Perfluorononanoic acid (PFNA)	DW	OR	
SDWP	EPA 537	Perfluorooctane sulfonic acid (PFOS)	DW	OR	
SDWP	EPA 537	Perfluorooctanoic acid (PFOA)	DW	OR	
SDWP	EPA 537	Perfluorotetradecanoic acid (PFTDA)	DW	OR	
SDWP	EPA 537	Perfluorotridecanoic acid (PFTrDA)	DW	OR	
SDWP	EPA 537	Perfluoroundecanoic acid (PFUDA)	DW	OR	

EPA 537.1

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 537.1	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	DW	OR	
SDWP	EPA 537.1	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	DW	OR	
SDWP	EPA 537.1	Perfluorobutane sulfonic acid (PFBS)	DW	OR	
SDWP	EPA 537.1	Perfluorodecanoic acid (PFDA)	DW	OR	
SDWP	EPA 537.1	Perfluorododecanoic acid (PFDOA)	DW	OR	
SDWP	EPA 537.1	Perfluoroheptanoic acid (PFHpA)	DW	OR	
SDWP	EPA 537.1	Perfluorohexane sulfonic acid (PFHxS)	DW	OR	
SDWP	EPA 537.1	Perfluorohexanoic acid (PFHxA)	DW	OR	
SDWP	EPA 537.1	Perfluorononanoic acid (PFNA)	DW	OR	
SDWP	EPA 537.1	Perfluorooctane sulfonic acid (PFOS)	DW	OR	
SDWP	EPA 537.1	Perfluorooctanoic acid (PFOA)	DW	OR	
SDWP	EPA 537.1	Perfluorotetradecanoic acid (PFTDA)	DW	OR	
SDWP	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	DW	OR	
SDWP	EPA 537.1	Perfluoroundecanoic acid (PFUDA)	DW	OR	

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.