



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



Issues accreditation to

State Laboratory ID: 006-999-466

EPA Lab Code: CA00413

Vista Analytical Laboratory, Inc

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: 12/21/2022

Expires: 12/31/2023

Certificate Number: 2431388

**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: 2431388**

State Laboratory ID: 006-999-466

EPA Lab Code: CA00413

Issue Date: 12/21/2022

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Vista Analytical Laboratory, Inc
1104 Windfield Way
El Dorado Hills, CA 95762

Clean Water Program

EPA 537

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 537	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	1H, 1H, 2H, 2H-perfluorododecane sulfonic acid (10:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	3-Perfluoroheptyl propanoic acid (7:3FTCA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	3-Perfluoropropyl propanoic acid (3:3FTCA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	NPW	OR	User Defined SOP-49 Rev. 24

Program	Method	Analyte	Matrix	Primary	SOP
CWP	EPA 537	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	N-Methylperfluorooctane sulfonamide (MeFOSA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	N-Methylperfluorooctane sulfonamido ethanol (N_MeFOSE)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoro-3-methoxypropanoic acid (PFMPA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoro-4-methoxybutanoic acid (PFMBA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorobutane sulfonic acid (PFBS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorobutanoic acid (PFBA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorodecane sulfonic acid (PFDS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorodecanoic acid (PFDA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorododecane sulfonic acid (PFDoS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorododecanoic acid (PFDOA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoroheptane sulfonic acid (PFHpS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoroheptanoic acid (PFHpA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorohexadecanoic acid (PFHXDA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorohexane sulfonic acid (PFHxS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorohexanoic acid (PFHxA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorononane sulfonic acid (PFNS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorononanoic acid (PFNA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorooctadecanoic acid (PFODA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorooctane sulfonamide (PFOSAm)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorooctane sulfonic acid (PFOS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorooctanoic acid (PFOA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoropentane sulfonic acid (PFPeS)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoropentanoic acid (PFPeA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorotetradecanoic acid (PFTDA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluorotridecanoic acid (PFTTrDA)	NPW	OR	User Defined SOP-49 Rev. 24
CWP	EPA 537	Perfluoroundecanoic acid (PFUDA)	NPW	OR	User Defined SOP-49 Rev. 24

EPA 1613B

Preparation Techniques: Extraction, separatory funnel liquid-liquid (LLE); 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	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	
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 Tetrachlorodibenzo-p-dioxin (Total TCDD)	NPW	OR	
CWP	EPA 1613B	Total Tetrachlorodibenzofuran (Total TCDF)	NPW	OR	

Resource Conservation Recovery Program

EPA 537

Preparation Techniques: Extraction, solid phase (SPE);

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorodecanesulfonic acid (8:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-perfluorododecane sulfonic acid (10:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-perfluorododecane sulfonic acid (10:2 FTS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-perfluorododecane sulfonic acid (10:2 FTS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	1H, 1H, 2H, 2H-Perfluorooctanesulfonic acid (6:2 FTS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	3-Perfluoroheptyl propanoic acid (7:3FTCA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	3-Perfluoroheptyl propanoic acid (7:3FTCA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	3-Perfluoroheptyl propanoic acid (7:3FTCA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	3-Perfluoropropyl propanoic acid (3:3FTCA)	SCM	OR	User Defined SOP-49 Rev. 24

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537	3-Perfluoropropyl propanoic acid (3:3FTCA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	3-Perfluoropropyl propanoic acid (3:3FTCA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamido acetic acid N-EtFOSAA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamido acetic acid N-EtFOSAA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamido acetic acid N-EtFOSAA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamide (EtFOSAm)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamide (MeFOSA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamide (MeFOSA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamide (MeFOSA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	SCM	OR	User Defined SOP-49 Rev. 24

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamido ethanol (N-MeFOSE)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamido ethanol (N-MeFOSE)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	N-Methylperfluorooctane sulfonamido ethanol (N-MeFOSE)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro-3-methoxypropanoic acid (PFMPA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro-3-methoxypropanoic acid (PFMPA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro-3-methoxypropanoic acid (PFMPA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro-4-methoxybutanoic acid (PFMBA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro-4-methoxybutanoic acid (PFMBA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoro-4-methoxybutanoic acid (PFMBA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorobutane sulfonic acid (PFBS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorobutane sulfonic acid (PFBS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorobutane sulfonic acid (PFBS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorobutanoic acid (PFBA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorobutanoic acid (PFBA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorobutanoic acid (PFBA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorodecane sulfonic acid (PFDS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorodecane sulfonic acid (PFDS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorodecane sulfonic acid (PFDS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorodecanoic acid (PFDA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorodecanoic acid (PFDA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorodecanoic acid (PFDA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorododecane sulfonic acid (PFDOS)	TISSUE	OR	User Defined SOP-49 Rev. 24

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537	Perfluorododecane sulfonic acid (PFDoS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorododecane sulfonic acid (PFDoS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorododecanoic acid (PFDOA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorododecanoic acid (PFDOA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorododecanoic acid (PFDOA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroheptane sulfonic acid (PFHpS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroheptane sulfonic acid (PFHpS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroheptane sulfonic acid (PFHpS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroheptanoic acid (PFHpA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroheptanoic acid (PFHpA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroheptanoic acid (PFHpA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexadecanoic acid (PFHXDA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexadecanoic acid (PFHXDA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexadecanoic acid (PFHXDA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexane sulfonic acid (PFHxS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexane sulfonic acid (PFHxS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexane sulfonic acid (PFHxS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexanoic acid (PFHxA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexanoic acid (PFHxA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorohexanoic acid (PFHxA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorononane sulfonic acid (PFNS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorononane sulfonic acid (PFNS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorononane sulfonic acid (PFNS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorononanoic acid (PFNA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorononanoic acid (PFNA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorononanoic acid (PFNA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctadecanoic acid (PFODA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctadecanoic acid (PFODA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctadecanoic acid (PFODA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctane sulfonamide (PFOSAm)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctane sulfonamide (PFOSAm)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctane sulfonamide (PFOSAm)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctane sulfonic acid (PFOS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctane sulfonic acid (PFOS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctane sulfonic acid (PFOS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctanoic acid (PFOA)	TISSUE	OR	User Defined SOP-49 Rev. 24

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537	Perfluorooctanoic acid (PFOA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorooctanoic acid (PFOA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoropentane sulfonic acid (PFPeS)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoropentane sulfonic acid (PFPeS)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoropentane sulfonic acid (PFPeS)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoropentanoic acid (PFPeA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoropentanoic acid (PFPeA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoropentanoic acid (PFPeA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorotetradecanoic acid (PFTDA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorotetradecanoic acid (PFTDA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorotetradecanoic acid (PFTDA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorotridecanoic acid (PFTrDA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorotridecanoic acid (PFTrDA)	NPW	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluorotridecanoic acid (PFTrDA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroundecanoic acid (PFUDA)	TISSUE	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroundecanoic acid (PFUDA)	SCM	OR	User Defined SOP-49 Rev. 24
RCRP	EPA 537	Perfluoroundecanoic acid (PFUDA)	NPW	OR	User Defined SOP-49 Rev. 24

EPA 537.1

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537.1	11-Chlorocosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	DW	OR	
RCRP	EPA 537.1	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	DW	OR	
RCRP	EPA 537.1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	DW	OR	
RCRP	EPA 537.1	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	DW	OR	
RCRP	EPA 537.1	N-Ethylperfluorooctane sulfonamido acetic acid NEtFOSAA)	DW	OR	
RCRP	EPA 537.1	N-Methylperfluorooctane sulfonamido acetic acid (N-MeFOSAA)	DW	OR	
RCRP	EPA 537.1	Perfluorobutane sulfonic acid (PFBS)	DW	OR	
RCRP	EPA 537.1	Perfluorodecanoic acid (PFDA)	DW	OR	
RCRP	EPA 537.1	Perfluorododecanoic acid (PFDOA)	DW	OR	
RCRP	EPA 537.1	Perfluoroheptanoic acid (PFHpA)	DW	OR	
RCRP	EPA 537.1	Perfluorohexane sulfonic acid (PFHxS)	DW	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 537.1	Perfluorohexanoic acid (PFHxA)	DW	OR	
RCRP	EPA 537.1	Perfluorononanoic acid (PFNA)	DW	OR	
RCRP	EPA 537.1	Perfluorooctane sulfonic acid (PFOS)	DW	OR	
RCRP	EPA 537.1	Perfluorooctanoic acid (PFOA)	DW	OR	
RCRP	EPA 537.1	Perfluorotetradecanoic acid (PFTDA)	DW	OR	
RCRP	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)	DW	OR	
RCRP	EPA 537.1	Perfluoroundecanoic acid (PFUDA)	DW	OR	

EPA 1613B

Preparation Techniques: Extraction, separatory funnel liquid-liquid (LLE); 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)	TISSUE	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-Octachlorodibenzo-p-dioxin (OCDD)	NPW	OR	
RCRP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SCM	OR	
RCRP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	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-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)	NPW	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)	NPW	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)	SCM	OR	
RCRP	EPA 1613B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NPW	OR	
RCRP	EPA 1613B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	TISSUE	OR	

Program	Method	Analyte	Matrix	Primary	SOP
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-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-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	OR	
RCRP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	SCM	OR	
RCRP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	TISSUE	OR	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	TISSUE	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)	NPW	OR	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	OR	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	OR	
RCRP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	TISSUE	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-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)	SCM	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)	NPW	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	OR	
RCRP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	TISSUE	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-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	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	NPW	OR	

Program	Method	Analyte	Matrix	Primary	SOP
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	NPW	OR	
RCRP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	TISSUE	OR	
RCRP	EPA 1613B	2,3,4,7,8-Pentachlorodibenzofuran	SCM	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	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-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	NPW	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	SCM	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDD	NPW	OR	
RCRP	EPA 1613B	Total HpCDD	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDD	SCM	OR	
RCRP	EPA 1613B	Total HpCDF	SCM	OR	
RCRP	EPA 1613B	Total HpCDF	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDF	NPW	OR	
RCRP	EPA 1613B	Total HxCDD	TISSUE	OR	
RCRP	EPA 1613B	Total HxCDD	SCM	OR	
RCRP	EPA 1613B	Total HxCDD	NPW	OR	
RCRP	EPA 1613B	Total HxCDF	SCM	OR	
RCRP	EPA 1613B	Total HxCDF	NPW	OR	
RCRP	EPA 1613B	Total HxCDF	TISSUE	OR	
RCRP	EPA 1613B	Total PeCDD	TISSUE	OR	
RCRP	EPA 1613B	Total PeCDD	NPW	OR	
RCRP	EPA 1613B	Total PeCDD	SCM	OR	
RCRP	EPA 1613B	Total PeCDF	SCM	OR	
RCRP	EPA 1613B	Total PeCDF	NPW	OR	
RCRP	EPA 1613B	Total PeCDF	TISSUE	OR	
RCRP	EPA 1613B	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	TISSUE	OR	
RCRP	EPA 1613B	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	SCM	OR	
RCRP	EPA 1613B	Total Tetrachlorodibenzo-p-dioxin (Total TCDD)	NPW	OR	
RCRP	EPA 1613B	Total Tetrachlorodibenzofuran (Total TCDF)	TISSUE	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1613B	Total Tetrachlorodibenzofuran (Total TCDF)	NPW	OR	
RCRP	EPA 1613B	Total Tetrachlorodibenzofuran (Total TCDF)	SCM	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: N/A

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 537.1	11-Chloroicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	DW	OR	
SDWP	EPA 537.1	4,8-Dioxa-3H-perfluorononanoic acid (DONA)	DW	OR	
SDWP	EPA 537.1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	DW	OR	

Program	Method	Analyte	Matrix	Primary	SOP
SDWP	EPA 537.1	Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	DW	OR	
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.