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, 2009 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: 12/07/2018
Expires: 12/31/2019
Certificate Number: 1521520

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: 1521520

State Laboratory ID: 006-999-466 EPA Lab Code: CA00413 Issue Date: 12/7/2018

Expiration Date: 12/31/2019

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

Clean Water Program

EPA 1613B

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

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 PFCs

Preparation Techniques: N/A

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFCs	Perfluorobutane sulfonate (PFBS)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorobutane sulfonate (PFBS)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorobutane sulfonate (PFBS)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorobutanoic acid (pfba)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorobutanoic acid (pfba)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorobutanoic acid (pfba)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorodecanoic acid (PFDA)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorododecanoic acid (PFDOA)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorododecanoic acid (PFDOA)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorododecanoic acid (PFDOA)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluoroheptanoic acid (PFHpA)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluoroheptanoic acid (PFHpA)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluoroheptanoic acid (PFHpA)	NPW	OR	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	MPCA Guidance PFCs	Perfluorohexadecanoic acid (pfhxda)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexadecanoic acid (pfhxda)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexadecanoic acid (pfhxda)	SCM	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexadecanoic acid (pfhxda)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexane sulfonate (PFHxS)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexane sulfonate (PFHxS)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexane sulfonate (PFHxS)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexanoic acid (pfhxa)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexanoic acid (pfhxa)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorohexanoic acid (pfhxa)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorononanoic acid (pfna)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorononanoic acid (pfna)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorononanoic acid (pfna)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctane sulfonamide (PFOSA)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctane sulfonamide (PFOSA)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctane sulfonate (PFOS)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctane sulfonate (PFOS)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctane sulfonate (PFOS)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctanoic acid (PFOA)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctanoic acid (PFOA)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluorooctanoic acid (PFOA)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluoropentanoic acid (PFPeA)	TISSUE	OR	
RCRP	MPCA Guidance PFCs	Perfluoropentanoic acid (PFPeA)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluoropentanoic acid (PFPeA)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluorotetradecanoic acid (PFTDA)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluoroundecanoic acid (PFUDA)	DW	OR	
RCRP	MPCA Guidance PFCs	Perfluoroundecanoic acid (PFUDA)	NPW	OR	
RCRP	MPCA Guidance PFCs	Perfluoroundecanoic acid (PFUDA)	TISSUE	OR	

EPA 1613B

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

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NPW	OR	

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-Octachlorodibenzofuran (OCDF)	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-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	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-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	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	1,2,3,4,7,8,9-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)	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-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	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	
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)	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)	TISSUE	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-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	

Program	Method	Analyte	Matrix	Primary	SOP
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	SCM	OR	
RCRP	EPA 1613B	2,3,7,8-Tetrachlorodibenzofuran	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDD	SCM	OR	
RCRP	EPA 1613B	Total HpCDD	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDF	TISSUE	OR	
RCRP	EPA 1613B	Total HpCDF	SCM	OR	
RCRP	EPA 1613B	Total HxCDD	SCM	OR	
RCRP	EPA 1613B	Total HxCDD	TISSUE	OR	
RCRP	EPA 1613B	Total HxCDF	SCM	OR	
RCRP	EPA 1613B	Total HxCDF	TISSUE	OR	
RCRP	EPA 1613B	Total PeCDD	TISSUE	OR	
RCRP	EPA 1613B	Total PeCDD	SCM	OR	
RCRP	EPA 1613B	Total PeCDF	SCM	OR	
RCRP	EPA 1613B	Total PeCDF	TISSUE	OR	
RCRP	EPA 1613B	Total TCDD	TISSUE	OR	
RCRP	EPA 1613B	Total TCDD	SCM	OR	
RCRP	EPA 1613B	Total TCDF	SCM	OR	
RCRP	EPA 1613B	Total TCDF	TISSUE	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.