



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

Issues accreditation to

State Laboratory ID: 048-999-468

EPA Lab Code: TX02693

**ALS Group USA Corp dba ALS Environmental Houston
10450 Stancliff Road, Suite 115
Houston TX, TX 77099**

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: 01/24/2017

Expires: 12/31/2017

Certificate Number: 1202399



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: 1202399**

State Laboratory ID: 048-999-468

EPA Lab Code: TX02693

Issue Date: 1/24/2017

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ALS Group USA Corp dba ALS Environmental Houston
10450 Stancliff Road, Suite 115
Houston TX, TX 77099

Clean Water Program

EPA 1613B

Preparation Techniques: 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	TX	
CWP	EPA 1613B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	TX	
CWP	EPA 1613B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NPW	TX	
CWP	EPA 1613B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NPW	TX	
CWP	EPA 1613B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NPW	TX	
CWP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	TX	
CWP	EPA 1613B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	TX	
CWP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	TX	
CWP	EPA 1613B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	TX	
CWP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	TX	
CWP	EPA 1613B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	NPW	TX	
CWP	EPA 1613B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	TX	

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

Resource Conservation Recovery Program

EPA 8280B

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

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8280B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NPW	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NPW	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NPW	TX	
RCRP	EPA 8280B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NPW	TX	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8280B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	TX	
RCRP	EPA 8280B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	SCM	TX	
RCRP	EPA 8280B	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	TX	
RCRP	EPA 8280B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	TX	
RCRP	EPA 8280B	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	SCM	TX	
RCRP	EPA 8280B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	TX	
RCRP	EPA 8280B	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	TX	
RCRP	EPA 8280B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	SCM	TX	
RCRP	EPA 8280B	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	TX	
RCRP	EPA 8280B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	TX	
RCRP	EPA 8280B	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	NPW	TX	
RCRP	EPA 8280B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	TX	
RCRP	EPA 8280B	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	TX	
RCRP	EPA 8280B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	SCM	TX	
RCRP	EPA 8280B	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	TX	
RCRP	EPA 8280B	2,3,4,6,7,8-Hexachlorodibenzofuran	SCM	TX	
RCRP	EPA 8280B	2,3,4,6,7,8-Hexachlorodibenzofuran	NPW	TX	
RCRP	EPA 8280B	2,3,4,7,8-Pentachlorodibenzofuran	SCM	TX	
RCRP	EPA 8280B	2,3,4,7,8-Pentachlorodibenzofuran	NPW	TX	
RCRP	EPA 8280B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	TX	
RCRP	EPA 8280B	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	TX	
RCRP	EPA 8280B	2,3,7,8-Tetrachlorodibenzofuran	NPW	TX	
RCRP	EPA 8280B	2,3,7,8-Tetrachlorodibenzofuran	SCM	TX	
RCRP	EPA 8280B	Total HpCDD	NPW	TX	
RCRP	EPA 8280B	Total HpCDD	SCM	TX	
RCRP	EPA 8280B	Total HpCDF	NPW	TX	
RCRP	EPA 8280B	Total HpCDF	SCM	TX	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8280B	Total HxCDD	SCM	TX	
RCRP	EPA 8280B	Total HxCDD	NPW	TX	
RCRP	EPA 8280B	Total HxCDF	SCM	TX	
RCRP	EPA 8280B	Total HxCDF	NPW	TX	
RCRP	EPA 8280B	Total PeCDD	SCM	TX	
RCRP	EPA 8280B	Total PeCDD	NPW	TX	
RCRP	EPA 8280B	Total PeCDF	NPW	TX	
RCRP	EPA 8280B	Total PeCDF	SCM	TX	
RCRP	EPA 8280B	Total TCDD	SCM	TX	
RCRP	EPA 8280B	Total TCDD	NPW	TX	
RCRP	EPA 8280B	Total TCDF	NPW	TX	
RCRP	EPA 8280B	Total TCDF	SCM	TX	

EPA 8290

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

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	NPW	TX	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin(1,2,3,6,7,8-Hxcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	NPW	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	SCM	TX	
RCRP	EPA 8290	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	NPW	TX	
RCRP	EPA 8290	2,3,4,6,7,8-Hexachlorodibenzofuran	NPW	TX	
RCRP	EPA 8290	2,3,4,6,7,8-Hexachlorodibenzofuran	SCM	TX	
RCRP	EPA 8290	2,3,4,7,8-Pentachlorodibenzofuran	SCM	TX	
RCRP	EPA 8290	2,3,4,7,8-Pentachlorodibenzofuran	NPW	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	SCM	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	NPW	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzofuran	NPW	TX	
RCRP	EPA 8290	2,3,7,8-Tetrachlorodibenzofuran	SCM	TX	
RCRP	EPA 8290	Total Hpcdd	SCM	TX	
RCRP	EPA 8290	Total Hpcdd	NPW	TX	
RCRP	EPA 8290	Total Hpcdf	SCM	TX	
RCRP	EPA 8290	Total Hpcdf	NPW	TX	
RCRP	EPA 8290	Total Hxcdd	NPW	TX	
RCRP	EPA 8290	Total Hxcdd	SCM	TX	
RCRP	EPA 8290	Total Hxcdf	SCM	TX	
RCRP	EPA 8290	Total Hxcdf	NPW	TX	

Program	Method	Analyte	Matrix	Primary	SOP
RCRP	EPA 8290	Total Pecdd	NPW	TX	
RCRP	EPA 8290	Total Pecdd	SCM	TX	
RCRP	EPA 8290	Total Pecdf	SCM	TX	
RCRP	EPA 8290	Total Pecdf	NPW	TX	
RCRP	EPA 8290	Total TCDD	SCM	TX	
RCRP	EPA 8290	Total TCDD	NPW	TX	
RCRP	EPA 8290	Total TCDF	SCM	TX	
RCRP	EPA 8290	Total TCDF	NPW	TX	

Safe Drinking Water Program

EPA 1613

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

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

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.