



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

2/12/2019

Andy Chasteen
Medford School District
815 S Oakdale Ave
Medford, OR 97501

TEL: 541-842-3646

FAX 541-842-1160

RE: Ruch Elementary

Order No.: 1901A75

Dear Andy Chasteen:

Neilson Research Corporation received 2 sample(s) on 1/31/2019 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,
Neilson Research Corporation

Tamra R. Schmedemann
Project Manager

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

CLIENT: Medford School District
Project: Ruch Elementary
Lab Order: 1901A75

Date: 12-Feb-19

CASE NARRATIVE

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

Analysis Report

ORELAP 100016
EPA OR00028

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: **1901A75**
NRC Sample ID: **1901A75-01A**
Collection Date: **1/31/2019 2:30:00 PM**
Received Date: **1/31/2019 4:40:00 PM**
Reported Date: **2/12/2019 9:52:07 AM**

Ruch Elementary

PWS ID#: 41-91508
Source ID: EP-A
Matrix: Drinking Water

Client Sample ID: Ruch Elementary
Sample Location:
Collectors Name: Perry Yorks/NRC

ANALYTICAL RESULTS

Analyses	Code	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Tetrachloroethene	2987	EPA 524.2	A	ND		0.0005	mg/L	0.005	2/4/2019	CSB
Vinyl chloride	2976	EPA 524.2	A	ND		0.0005	mg/L	0.002	2/4/2019	CSB
Surr: Dibromofluoromethane		EPA 524.2		103		0	%REC		2/4/2019	CSB
Surr: Toluene-d8		EPA 524.2		99.0		0	%REC		2/4/2019	CSB
Surr: 4-Bromofluorobenzene		EPA 524.2		106		0	%REC		2/4/2019	CSB

Notes: ND - Not Detected at the MRL
MDL = Method Detection Limit

N.L. = No Limit

CLIENT: Medford School District
Work Order: 1901A75
Project: Ruch Elementary

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA524.2_DW

Sample ID MBLK	SampType: MBLK	TestCode: EPA524.2_D	Units: mg/L	Prep Date:	RunNo: 109883						
Client ID: ZZZZZ	Batch ID: R109883	TestNo: EPA 524.2		Analysis Date: 2/4/2019	SeqNo: 1679727						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene	ND	0.000500									
Vinyl chloride	ND	0.000500									
Surr: Dibromofluoromethane	0.04172	0	0.04	0	104	80	120				
Surr: Toluene-d8	0.03970	0	0.04	0	99.2	80	120				
Surr: 4-Bromofluorobenzene	0.04250	0	0.04	0	106	80	120				

Sample ID MBLK	SampType: MBLK	TestCode: EPA524.2_D	Units: mg/L	Prep Date:	RunNo: 109883						
Client ID: ZZZZZ	Batch ID: R109883	TestNo: EPA 524.2		Analysis Date: 2/7/2019	SeqNo: 1680881						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene	ND	0.000500									
Vinyl chloride	ND	0.000500									
Surr: Dibromofluoromethane	0.03758	0	0.04	0	94.0	80	120				
Surr: Toluene-d8	0.03813	0	0.04	0	95.3	80	120				
Surr: 4-Bromofluorobenzene	0.03952	0	0.04	0	98.8	80	120				

Sample ID LCS	SampType: LCS	TestCode: EPA524.2_D	Units: mg/L	Prep Date:	RunNo: 109883						
Client ID: ZZZZZ	Batch ID: R109883	TestNo: EPA 524.2		Analysis Date: 2/4/2019	SeqNo: 1679747						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene	0.02178	0.000500	0.02	0	109	70	130				
Vinyl chloride	0.02119	0.000500	0.02	0	106	70	130				
Surr: Dibromofluoromethane	0.03995	0	0.04	0	99.9	80	120				
Surr: Toluene-d8	0.03986	0	0.04	0	99.7	80	120				
Surr: 4-Bromofluorobenzene	0.04011	0	0.04	0	100	80	120				

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Minimum Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Medford School District
Work Order: 1901A75
Project: Ruch Elementary

ANALYTICAL QC SUMMARY REPORT

TestCode: EPA524.2_DW

Sample ID 1902028-01BMS	SampType: MS	TestCode: EPA524.2_D	Units: mg/L	Prep Date:	RunNo: 109883						
Client ID: ZZZZZ	Batch ID: R109883	TestNo: EPA 524.2	Analysis Date: 2/7/2019	SeqNo: 1680882							
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	0.02221	0.000500	0.02	0	111	70	130				
Vinyl chloride	0.02429	0.000500	0.02	0	121	70	130				
Surr: Dibromofluoromethane	0.04002	0	0.04	0	100	80	120				
Surr: Toluene-d8	0.03992	0	0.04	0	99.8	80	120				
Surr: 4-Bromofluorobenzene	0.04093	0	0.04	0	102	80	120				

Sample ID 1902006-01CDUP	SampType: DUP	TestCode: EPA524.2_D	Units: mg/L	Prep Date:	RunNo: 109883						
Client ID: ZZZZZ	Batch ID: R109883	TestNo: EPA 524.2	Analysis Date: 2/4/2019	SeqNo: 1679734							
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	0.000500						0	0	20	
Vinyl chloride	ND	0.000500						0	0	20	
Surr: Dibromofluoromethane	0.04190	0	0.04	0	105	80	120	0	0	0	
Surr: Toluene-d8	0.03941	0	0.04	0	98.5	80	120	0	0	0	
Surr: 4-Bromofluorobenzene	0.04185	0	0.04	0	105	80	120	0	0	0	

Qualifiers: E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Minimum Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Section A Required Client Information

Company: Fox & Filamentary
 Address: Freshwater OR
 Email: Ferry Yorks
 Phone: Fax:
 Collected By (Print): Ferry Yorks
 Collected By (Sign): [Signature]
 Email Report Yes No Mail Report Yes No
 Fax Report Yes No

Section B Required Project Information

Project Name:
 Project Number:
 Report To:
 Copy To:

Section C Invoice Information

Attention:
 Company Name:
 Address:
 Pg. #

Section D Rush Status (Subject to Scheduling)

Standard 10-14 Days
 5 Business Days (50% surcharge)
 3 Business Days (75% surcharge)
 24 - 48 hours (100% surcharge)
 Other
 Authorized Yes No

Section E Sample Information

41-01508

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested							
<u>6225</u>	<u>DW</u>	<u>DW</u>	<u>01-31-19</u>	<u>1430</u>	<u>1</u>	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
							<u>Vinyl Chloride</u>	<u>& Tetrachloroethylene</u>	<u>only</u>				

*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

Section F Relinquish/Receive

Relinquished By: [Signature] Sign Print Ferry Yorks
 Received By: [Signature]
 Relinquished By:
 Received By:
 Relinquished By: Print
 Received By:
 Relinquished By: Print
 Received By:
 Relinquished By: Print
 Received By:
 Relinquished By: Print
 Received By:
 Relinquished By: Print

Date 01-31-19 Time 16:40

Section G Lab Use Only

Temp: 5.00
 4°C +/- 2°C: Yes No
 Received on Ice: Yes No
 Number of Bottles Received: 5
 pH Checked:
 COC Seals Intact: Yes No NA
 Field Blank Included: Yes No

Received Via UPS FedEx Other Hand
 Payment: Invoice Cash VISA, M/C Check # Amount