NEILSON RESEARCH CORPORATION
Environmental Testing Laboratory

8/4/2016

Rick Rose
Medford School District
815 S Oakdale Ave
Medford, OR 97501

TEL: (541) 842-1138
FAX 541-842-1160

RE: 16-00 MSDEC Annex

Order No.: 1607C12

Dear Rick Rose:

Neilson Research Corporation received 1 sample(s) on 7/27/2016 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

Alec C Smith
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: 16-00 MSDEC Annex
Lab Order: 1607C12

Date: 04-Aug-16

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: **1607C12**
NRC Sample ID: **1607C12-01A**
Collection Date: **7/27/2016 1:51:00 PM**
Received Date: **7/27/2016 4:39:00 PM**
Reported Date: **8/4/2016 8:57:59 AM**

Sample Information:

16-00 MSDEC Annex

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Client Sample ID: Bottle #17027
Collectors Name: John Jessen
Sample Location: NTS Staff Brk Rm Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	**0.0214**	*CF	0.000103	mg/L	0.020 AL	7/31/2016	OML

Notes: ND - Not Detected at the MRL N.L. - No Limit MRL - Minimum Reporting Limit

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Neilson Research Corporation

DATA FLAGS

B	Analyte detected in the associated method blank.
BA	BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
C	Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
C1	Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
CF	Results confirmed by re-analysis.
CU	Cleanup performed as specified by method.
D1	The diesel elution pattern for the sample is not typical.
D2	The sample appears to be a heavier hydrocarbon range than diesel.
D3	The sample appears to be a lighter hydrocarbon range than diesel.
D4	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
D5	Detected hydrocarbons in the diesel range appear to be weathered diesel.
E	Estimated value.
ER	Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
FC	Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
G1	The gasoline elution pattern for the sample is not typical.
G2	The sample appears to be a heavier hydrocarbon range than gasoline.
G3	The sample appears to be a lighter hydrocarbon range than gasoline.
G4	Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
HP	Sample re-analysis performed outside of method specified holding time.
HR	Sample received outside of method specified holding time.
HS	Sample analyzed for volatile organics contained headspace.
HT	At the client's request, the sample was analyzed outside of method specified holding time.
H	Analysis performed outside of method specified holding time.
J	Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
MI	Surrogate or Matrix Spike recovery is out of control limits due to matrix interference. Sample results may be biased.
N	See Case Narrative on page 2 of report.
Q	Closing continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
R	Relative percent difference (RPD) is outside of the accepted recovery limits.
R1	Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
R3	The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
R4	Duplicate analysis failed due to result being at or near method reporting limit.
S	Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
S1	Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
SC	Sub-contracted to another laboratory for analysis.
SP	Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
T	Toxicity Characteristic Leaching Procedure – Sample submitted contained < 0.5% solids. If the waste contains <0.5% dry solids, the liquid portion of the waste, after filtration, is defined as the TCLP extract.
#	Value exceeds regulatory level for TCLP contaminant.
X1	The motor oil elution pattern for the sample is not typical.
X2	The sample appears to be a heavier hydrocarbon range than motor oil.
X3	The sample appears to be a lighter hydrocarbon range than motor oil.
*	Value exceeds Maximum Contaminant Level or is outside the acceptable range.

CLIENT: Medford School District
Work Order: 1607C12
Project: 16-00 MSDEC Annex

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

Sample ID **MB-36003** SampType: **MBLK** TestCode: **ICPMS_200.8** Units: **mg/L** Prep Date: **7/28/2016** RunNo: **88872**
Client ID: **ZZZZZ** Batch ID: **36003** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **7/31/2016** SeqNo: **1335537**

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000103									

Sample ID **LCS-36003** SampType: **LCS** TestCode: **ICPMS_200.8** Units: **mg/L** Prep Date: **7/28/2016** RunNo: **88872**
Client ID: **ZZZZZ** Batch ID: **36003** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **7/31/2016** SeqNo: **1335538**

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1059	0.000104	0.1	0	106	85	115				

Sample ID **1607C12-01AMS** SampType: **MS** TestCode: **ICPMS_200.8** Units: **mg/L** Prep Date: **7/28/2016** RunNo: **88872**
Client ID: **Bottle #17027** Batch ID: **36003** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **7/31/2016** SeqNo: **1335551**

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1289	0.000104	0.1	0.02142	107	70	130				

Sample ID **1607C12-01AMSD** SampType: **MSD** TestCode: **ICPMS_200.8** Units: **mg/L** Prep Date: **7/28/2016** RunNo: **88872**
Client ID: **Bottle #17027** Batch ID: **36003** TestNo: **EPA 200.8** **(EPA 200.8)** Analysis Date: **7/31/2016** SeqNo: **1335552**

Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.1264	0.000104	0.1	0.02142	105	70	130	0.1289	1.96	20	

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

MSDEC Annex

Chain of Custody Record

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

NEILSON RESEARCH CORPORATION
Environmental Testing Laboratory
245 South Grape Street * Medford, OR 97501
(541) 770-5678 fax (541) 770-2901

Section A
Required Client Information

Company:	Med. Sch. Dist. 549C
Address:	815 S. Oakdale Medford, OR 97501
Email:	rick.rose@medford.k12.or.us
Phone:	541-944-5613 Fax:
Collected By (Print):	John Jessen
Collected By (Sign):	
Email Report	✓ Yes ___ No
Mail Report	✓ Yes ___ No
Fax Report	___ Yes ___ No

Section B
Required Project Information

Project Name:	2016 Lead Testing
Project Number:	16-00/MSDEC Annex
Report To:	rick.rose@medford.k12.or.us
Copy To:	ron.harnieau@medford.k12.or.us

Section C
Invoice Information

Attention:	
Company Name:	
Address:	
P.O. #	

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

Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	Bottle # / No. of Containers	Analysis Requested: Lead	Remarks/Field Data	NRC Sample # (Lab Use Only)
NTS Staff Brk Rm Sink	17027		7/27/16	1:51pm	1			01

NRC Workorder # (Lab Use Only) 1607012

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

Section F
Relinquish/Receive

	Sign	Print	Date	Time
Relinquished By:		John Jessen	7/27/16	4:39pm
Received By:				
Relinquished By:				
Received By:				
Relinquished By:				
Received By Laboratory:	Denise Neal	Denise Neal	7/27/16	16:39

Section G
Lab Use Only

Temp:	HMD
4°C +/- 2°C	___ Yes ___ No
Received on Ice:	___ Yes ___ No
Number of Bottles Received:	1
pH Checked:	N/A
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 _____