



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

April 10, 2019

Andy Chasteen
Medford School District
815 S Oakdale Ave
Medford, OR 97501
TEL: 541-842-3646
FAX: 541-842-1160

RE: 18-32 Jefferson 2019 Lead Testing

Order No.: 19040167

Dear Andy Chasteen:

Neilson Research Corporation received 51 sample(s) on 4/3/2019 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 Schmedemann
Senior Project Manager
245 S Grape St
Medford, OR 97501

Original



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Case Narrative

WO#: 19040167
Date: 4/10/2019

CLIENT: Medford School District
Project: 18-32 Jefferson 2019 Lead Testing

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.

Original



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Analytical Report

WO#: **19040167**

Date Reported: **4/10/2019**

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-01** Client Sample ID: Room 18 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 18 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000791		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-02** Client Sample ID: Room 19 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 19 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00366		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-03** Client Sample ID: Room 20 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 20 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000385		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- PL Permit Limit

Results above the Epa limit

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Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-04** Client Sample ID: Boys RR 22A Sink Left
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 22A Sink Left

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00113		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-05** Client Sample ID: Boys RR 22A Sink Center
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 22A Sink Center

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000852		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-06** Client Sample ID: Boys RR 22A Sink Right
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 22A Sink Right

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000699		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

C1 Sample container temperature is out of limit as specified at testcode
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Reported Date:

Sample Information:

Lab ID: **19040167-07** Client Sample ID: Room 22 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 22 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00135		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-08** Client Sample ID: Room 23 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 23 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00436		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-09** Client Sample ID: Room 24 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 24 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00759		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

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Reported Date:

Sample Information:

Lab ID: **19040167-10** Client Sample ID: Room 25 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 25 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00152		0.000100	mg/L	1	4/4/2019	0.0150	A	

Lab ID: **19040167-11** Client Sample ID: Room 26 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 26 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.0219	*	0.000100	mg/L	1	4/4/2019	0.0150	A	

Lab ID: **19040167-12** Client Sample ID: Girls RR 26A Across Frm 29 Sink R
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 26A Across Frm 29 Sink R

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.000903		0.000100	mg/L	1	4/4/2019	0.0150	A	

QUALIFIERS

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E Value above quantitation range
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ND Not Detected at the Reporting Limit
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Sample Information:

Lab ID: **19040167-13**
Collection Date: 4/3/2019
Matrix: Drinking Water

Client Sample ID: Girls RR 26A Across Frm 29 Sink C
Source:
Sample Location: Girls RR 26A Across Frm 29 Sink C

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000785		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-14**
Collection Date: 4/3/2019
Matrix: Drinking Water

Client Sample ID: Girls RR 26A Across Frm 29 Sink L
Source:
Sample Location: Girls RR 26A Across Frm 29 Sink L

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00213		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-15**
Collection Date: 4/3/2019
Matrix: Drinking Water

Client Sample ID: Room 27 Sink
Source:
Sample Location: Room 27 Sink

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000824		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

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E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
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Sample Information:

Lab ID: **19040167-16** Client Sample ID: Room 28 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 28 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000402		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-17** Client Sample ID: Room 29 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 29 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000213		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-18** Client Sample ID: Room 30 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 30 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00200		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
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Reported Date:

Sample Information:

Lab ID: **19040167-19** Client Sample ID: Room 31 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 31 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.0101		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-20** Client Sample ID: Room 32 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 32 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000663		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-21** Client Sample ID: Room 33 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 33 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00172		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

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Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-22** Client Sample ID: Room 34 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 34 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000756		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-23** Client Sample ID: Unisex RR 34A Near Rm 34 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Unisex RR 34A Near Rm 34 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000632		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-24** Client Sample ID: Unisex RR 35B Near Rm 35 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Unisex RR 35B Near Rm 35 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00110		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
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Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-25** Client Sample ID: Room 35 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 35 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000571		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-26** Client Sample ID: Womens RR 3A Across Frm Main Office Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Womens RR 3A Across Frm Main Office Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00154		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-27** Client Sample ID: Unisex RR 3B Across Frm Main Office Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Unisex RR 3B Across Frm Main Office Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00504		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

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Reported Date:

Sample Information:

Lab ID: **19040167-28** Client Sample ID: Kitchen Sink North Side Right
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Kitchen Sink North Side Right

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00175		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-29** Client Sample ID: Kitchen Hand Sink South
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Kitchen Hand Sink South

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00133		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-30** Client Sample ID: Boys RR 2A By Custodial Office Sink L
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 2A By Custodial Office Sink L

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00206		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
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Sample Information:

Lab ID: **19040167-31** Client Sample ID: Boys RR 2A By Custodial Office Sink C
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 2A By Custodial Office Sink C

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00206		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-32** Client Sample ID: Boys RR 2A By Custodial Office Sink R
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 2A By Custodial Office Sink R

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00130		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-33** Client Sample ID: Girls RR 2B By Staff Brk Rm Sink L
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 2B By Staff Brk Rm Sink L

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00249		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

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Sample Information:

Lab ID: **19040167-34** Client Sample ID: Girls RR 2B By Staff Brk Rm Sink C
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 2B By Staff Brk Rm Sink C

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00164		0.000100	mg/L	1	4/4/2019	0.0150	A	

Lab ID: **19040167-35** Client Sample ID: Girls RR 2B By Staff Brk Rm Sink R
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 2B By Staff Brk Rm Sink R

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00133		0.000100	mg/L	1	4/4/2019	0.0150	A	

Lab ID: **19040167-36** Client Sample ID: Media Center Store/Work Rm Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Media Center Store/Work Rm Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.0149		0.000100	mg/L	1	4/4/2019	0.0150	A	

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- PL Permit Limit

Results above the Epa limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Analytical Report

WO#: **19040167**

Date Reported: **4/10/2019**

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-37** Client Sample ID: CDC Staff Restroom Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: CDC Staff Restroom Sink

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00103		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-38** Client Sample ID: CDC White Utility Sink Near Back Door
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: CDC White Utility Sink Near Back Door

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00153		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-39** Client Sample ID: Room 6 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 6 Sink

Trace Metals by EPA 200.8 ICP-MS

Analyst: JWC

Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00341		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

C1 Sample container temperature is out of limit as specified at testcode
H Holding times for preparation or analysis exceeded
MI Recovery outside control limits due to Matrix Interference
PL Permit Limit

Results above the Epa limit

Original



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Analytical Report

WO#: **19040167**

Date Reported: **4/10/2019**

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-40** Client Sample ID: Room 7 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 7 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00270		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-41** Client Sample ID: Room 9 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 9 Sink

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00130		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-42** Client Sample ID: Boys RR 10A Across From Rm 9 Sink R
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 10A Across From Rm 9 Sink R

Trace Metals by EPA 200.8 ICP-MS							Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.000865		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

C1 Sample container temperature is out of limit as specified at testcode
H Holding times for preparation or analysis exceeded
MI Recovery outside control limits due to Matrix Interference
PL Permit Limit

Results above the Epa limit

Original



Neilson Research Corporation
245 S Grape St
Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

Analytical Report

WO#: **19040167**

Date Reported: **4/10/2019**

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-43** Client Sample ID: Boys RR 10A Across From Rm 9 Sink C
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 10A Across From Rm 9 Sink C

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00170		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-44** Client Sample ID: Boys RR 10A Across From Rm 9 Sink L
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Boys RR 10A Across From Rm 9 Sink L

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00192		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-45** Client Sample ID: Room 10 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 10 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.0165	*	0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- PL Permit Limit

Results above the Epa limit

Original



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245 S Grape St
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Website: www.nrclabs.com

Analytical Report

WO#: **19040167**

Date Reported: **4/10/2019**

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-46** Client Sample ID: Room 11 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 11 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00209		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-47** Client Sample ID: Girls RR 10B Across From Rm 9 Sink R
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 10B Across From Rm 9 Sink R

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00218		0.000100	mg/L	1	4/4/2019	0.0150	A

Lab ID: **19040167-48** Client Sample ID: Girls RR 10B Across From Rm 9 Sink C
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 10B Across From Rm 9 Sink C

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status
Lead	0.00166		0.000100	mg/L	1	4/4/2019	0.0150	A

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- PL Permit Limit

Results above the Epa limit

Original



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Medford, OR 97501
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Analytical Report

WO#: **19040167**

Date Reported: **4/10/2019**

Medford School District
815 S Oakdale Ave
Medford, OR 97501

Lab Order: 19040167
Received Date: 4/3/2019 10:20:00 AM
Reported Date:

Sample Information:

Lab ID: **19040167-49** Client Sample ID: Girls RR 10B Across From Rm 9 Sink L
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Girls RR 10B Across From Rm 9 Sink L

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00194		0.000100	mg/L	1	4/4/2019	0.0150	A	

Lab ID: **19040167-50** Client Sample ID: Room 12 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 12 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00163		0.000100	mg/L	1	4/4/2019	0.0150	A	

Lab ID: **19040167-51** Client Sample ID: Room 13 Sink
Collection Date: 4/3/2019 Source:
Matrix: Drinking Water Sample Location: Room 13 Sink

Trace Metals by EPA 200.8 ICP-MS								Analyst: JWC	
Analyses	Result	Qual	MRL	Units	DF	Date Analyzed	MCL	NELAP Status	
Lead	0.00214		0.000100	mg/L	1	4/4/2019	0.0150	A	

QUALIFIERS

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- H Holding times for preparation or analysis exceeded
- MI Recovery outside control limits due to Matrix Interference
- PL Permit Limit

Results above the Epa limit

Original



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QC SUMMARY REPORT

WO#: 19040167
11-Apr-19

Client: Medford School District
Project: 18-32 Jefferson 2019 Lead Testing
TestCode: ICPMS_200.8_DW

Sample ID: MB-88	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: PBW	Batch ID: 88	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2080						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000100									

Sample ID: LCS-88	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: LCSW	Batch ID: 88	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0972	0.000100	0.1000	0	97.2	85	115				

Sample ID: 19040167-12AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: Girls RR 26A Across	Batch ID: 88	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2104						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0988	0.000100	0.1000	0.0009030	97.9	70	130				

Sample ID: 19040167-12AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: Girls RR 26A Across	Batch ID: 88	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2105						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0985	0.000100	0.1000	0.0009030	97.6	70	130	0.09883	0.308		20

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix In
	ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original



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Medford, OR 97501
TEL: (541) 770-5678 FAX: (541) 770-2901
Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19040167
11-Apr-19

Client: Medford School District
Project: 18-32 Jefferson 2019 Lead Testing
TestCode: ICPMS_200.8_DW

Sample ID: MB-90	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: PBW	Batch ID: 90	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2108						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000100									

Sample ID: LCS-90	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: LCSW	Batch ID: 90	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2109						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.102	0.000100	0.1000	0	102	85	115				

Sample ID: 19040167-32AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: Boys RR 2A By Cust	Batch ID: 90	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2132						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.100	0.000100	0.1000	0.001296	99.0	70	130				

Sample ID: 19040167-32AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: Boys RR 2A By Cust	Batch ID: 90	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2133						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0957	0.000100	0.1000	0.001296	94.4	70	130	0.1003	4.63		20

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix In
	ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original



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Website: www.nrclabs.com

QC SUMMARY REPORT

WO#: 19040167
11-Apr-19

Client: Medford School District
Project: 18-32 Jefferson 2019 Lead Testing
TestCode: ICPMS_200.8_DW

Sample ID: MB-92	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: PBW	Batch ID: 92	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000100									

Sample ID: LCS-92	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: LCSW	Batch ID: 92	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2137						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0924	0.000100	0.1000	0	92.4	85	115				

Sample ID: 19040167-51AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: Room 13 Sink	Batch ID: 92	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2159						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0931	0.000100	0.1000	0.002135	91.0	70	130				

Sample ID: 19040167-51AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 4/4/2019	RunNo: 187						
Client ID: Room 13 Sink	Batch ID: 92	TestNo: E200.8	E200.8	Analysis Date: 4/4/2019	SeqNo: 2160						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0875	0.000100	0.1000	0.002135	85.3	70	130	0.09314	6.26		20

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	C1	Sample container temperature is out of limit as specified at testcode	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	MI	Recovery outside control limits due to Matrix In
	ND	Not Detected at the Reporting Limit	PL	Permit Limit	RL	Reporting Detection Limit

Original

Chain of Custody Record

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

Page 1 of 3

Section A Required Client Information		Section B Required Project Information		Section C Invoice Information		Section D Rush Status (Subject to Scheduling)	
Company:	MSD 549C	Project Name:	2019 Lead Testing	Attention:	Accounting	Standard 10-14 Days	
Address:	815 South Oakdale Avenue Medford, OR 97501	Project Number:	13-32 Jefferson	Company Name:	Medford School District	5 Business Days (50% surcharge)	
Email:	ron.havnear@medford.k12.or.us	Report To:	ron.havnear@medford.k12.or.us	Address:	815 South Oakdale Avenue Medford, OR 97501	3 Business Days (75% surcharge)	
Phone:	541-840-4315 Fax:	Copy To:	andy.chasteen@medford.k12.or.us	P.O. #	61172	24 - 48 hours (100% surcharge)	
Collected By (Print):						Other	
Collected By (Sign):						Authorized Yes No	
Email Report Yes No	Mail Report Yes No						
Fax Report Yes No							

Section E Sample Information				Analysis Requested		No. of Containers	NRC Workorder # (Lab Use Only)	Remarks/Field Data (Lab Use Only)	NRC Sample # (Lab Use Only)
Bottle #	Matrix*	Date Collected	Time Collected						
56460	DW	4/3/2019	6:14			1	1904067		01
56457	DW	4/3/2019	6:22			1			02
56455	DW	4/3/2019	6:24			1			03
56454	DW	4/3/2019	6:26			1			04
56452	DW	4/3/2019	6:27			1			05
56447	DW	4/3/2019	6:28			1			06
56463	DW	4/3/2019	6:30			1			07
56450	DW	4/3/2019	6:31			1			08
56453	DW	4/3/2019	6:35			1			09
56446	DW	4/3/2019	6:33			1			10
56435	DW	4/3/2019	6:39			1			11
56442	DW	4/3/2019	6:42			1			12
56458	DW	4/3/2019	6:42			1			13
56450	DW	4/3/2019	6:42			1			14
56428	DW	4/3/2019	6:57			1			15
56462	DW	4/3/2019	6:46			1			16
56459	DW	4/3/2019	6:43			1			17
56447	DW	4/3/2019	6:48			1			18
56427	DW	4/3/2019	6:50			1			19
56444	DW	4/3/2019	6:57			1			20
56464	DW	4/3/2019	6:53			1			21
56445	DW	4/3/2019	6:53			1			22
56460	DW	4/3/2019	6:56			1			23
56445	DW	4/3/2019	6:56			1			24
Unisex Restroom (34A - Adjacent To Room 34) - Sink									



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Chain of Custody Record

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

Page 1 of 3

Section A Required Client Information				Section B Required Project Information				Section C Invoice Information				Section D Rush Status (Subject to Scheduling)			
Company:	MSD 549C			Project Name:	2019 Lead Testing			Attention:	Accounting			Standard 10-14 Days			
Address:	815 South Oakdale Avenue Medford, OR 97501			Project Number:	18-32 Jefferson			Company Name:	Medford School District			5 Business Days (50% surcharge)			
Email:	ron.havnear@medford.k12.or.us			Report To:	ron.havnear@medford.k12.or.us			Address:	815 South Oakdale Avenue Medford, OR 97501			3 Business Days (75% surcharge)			
Phone:	541-840-4315 Fax:			Copy To:	andy.chasteen@medford.k12.or.us			P.O. #	61172			24 - 48 hours (100% surcharge)			
Collected By (Print):				Date Collected				Time Collected				Authorized			
Collected By (Sign):				Matrix*				No. of Containers				Yes			
Email Report Yes No Mail Report Yes No				Bottle #				Analysis Requested				No			
Fax Report Yes No				Sample ID											

Section E Sample Information				Section F Analysis Requested				NRC Workorder # 19040167	
Sample ID	Bottle #	Matrix*	Date Collected	Time Collected	No. of Containers	Analysis Requested	Remarks/Field Data	NRC Sample # (Lab Use Only)	
Women's Restroom (3A) - Sink (Across From The Main Office)	56365	DW	4/3/2019	6:20 AM	1			36	
Unisex Restroom (3B) - Sink (Across From The Main Office)	56368	DW	4/3/2019	6:21	1			37	
Kitchen - Sink (North Side - Right)	56377	DW	4/3/2019	6:24	1			38	
Kitchen - Hand Sink (South)	56371	DW	4/3/2019	6:25	1			39	
Boy's Restroom (Room 2A) By Custodial Office - Sink (Left)	56456	DW	4/3/2019	6:27	1			40	
Boy's Restroom (Room 2A) By Custodial Office - Sink (Center)	56434	DW	4/3/2019	6:28	1			41	
Boy's Restroom (Room 2A) By Custodial Office - Sink (Right)	56378	DW	4/3/2019	6:28	1			42	
Girl's Restroom (Room 2B) By Staff Break Room - Sink (Left)	56461	DW	4/3/2019	6:30	1			43	
Girl's Restroom (Room 2B) By Staff Break Room - Sink (Center)	56449	DW	4/3/2019	6:30	1			44	
Girl's Restroom (Room 2B) By Staff Break Room - Sink (Right)	56397	DW	4/3/2019	6:31	1			45	
Media Center Storage/Work Room - Sink	56426	DW	4/3/2019	6:35	1			46	
CDC Staff Restroom - Sink	56372	DW	4/3/2019	6:39	1			47	
CDC - White Utility Sink (Near Back Door)	56373	DW	4/3/2019	7:02	1			48	
Room 6 - Sink	56424	DW	4/3/2019	6:38	1			49	
Room 7 - Sink	56433	DW	4/3/2019	6:39	1			50	
Room 9 - Sink	56370	DW	4/3/2019	6:41	1			51	
Boy's Restroom (Room 10A) Across From Rm 9 - Sink (Right)	56371	DW	4/3/2019	6:42	1			52	
Boy's Restroom (Room 10A) Across From Rm 9 - Sink (Center)	56354	DW	4/3/2019	6:43	1			53	
Boy's Restroom (Room 10A) Across From Rm 9 - Sink (Left)	56441	DW	4/3/2019	6:44	1			54	
Room 10 - Sink	56439	DW	4/3/2019	6:45	1			55	
Room 11 - Sink	56381	DW	4/3/2019	6:47	1			56	
Girl's Restroom (Room 10B) Across From Rm 9 - Sink (Right)	56440	DW	4/3/2019	6:48	1			57	
Girl's Restroom (Room 10B) Across From Rm 9 - Sink (Center)	56463	DW	4/3/2019	6:49	1			58	

Data FlagsWO#: **19040167**Date: **4/10/2019**

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- 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.
- L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
- MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
- N See Case Narrative on page 2 of report.
- NLR No Legionella Recovered.
- PLR Presence of Legionella Recovered.
- Q Initial calibration verification (ICV), 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 the 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.
- # 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.
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Original