

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

August 28, 2020

David Burrows PBS Environmental 3500 Chad Dr, Ste 100

TEL: 541-686-8684 FAX: (541) 686-4602

Eugene, OR 97408

RE: 52570.002 LCC-Water Sampling Order No.: 20080863

Dear David Burrows:

Neilson Research Corporation received 70 sample(s) on 8/20/2020 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** 

Tampa Stomederman

Tamra Schmedemann Senior Project Manager

245 S Grape St Medford, OR 97501









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

WO#: **20080863**Date: **8/28/2020** 

**CLIENT:** PBS Environmental

**Project:** 52570.002 LCC-Water Sampling

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.

Analytical Comments for LEGIOLERT, Sample 20080863-01A to 20080863-70A, Batch ID R14180: Some positive samples were randomly chosen for confirmation of Legionella pneumophila serogroup 1 using an antibody agglutination test.



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 7:50:00 AM

 Lab ID:
 20080863-01
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 114054
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114054 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLER1	7	172	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

QUALIFIERS

C1 Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Original

NELAP



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 7:50:00 AM Lab ID: 20080863-02 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114076 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114076 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		32.0 N	l 1	1.00	MPN/100mL	08/20/20 17:	45 DJK

Sample container temperature is out of limit as specified at testcode Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 7:57:00 AM Lab ID: 20080863-03 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114055 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114055 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date A Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 7:57:00 AM Lab ID: 20080863-04 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114075 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114075 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses		NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		2.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:03:00 AM Lab ID: 20080863-05 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114057 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114057 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

Date Reported: 8/28/2020

CLIENT: PBS Environmental Lab ID: 20080863-06

Client Sample ID: 114074

Project: 52570.002 LCC-Water Sampling

Sample Location: 114074

Sample Address:

**Collection Date:** 8/19/2020 8:03:00 AM **Received Date:** 8/20/2020 11:50:00 AM

Matrix: DRINKING WATER PWS #:

**Source ID:** CITY

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

**JUALIFIERS** 

C1 Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:14:00 AM Lab ID: 20080863-07 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114066 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114066 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

Date Reported: 8/28/2020

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 8:14:00 AM

 Lab ID:
 20080863-08
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 114077
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114077 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL U	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 N	l 1	1.00 N	MPN/100mL	08/20/20 17:4	45 DJK

**JUALIFIERS** 

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference ND Not Detected at the Reporting Limit

MI Recovery our PL Permit Limit

Original

Н

Holding times for preparation or analysis exceeded



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:20:00 AM Lab ID: 20080863-09 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114063 **Matrix:** DRINKING WATER

52570.002 LCC-Water Sampling **PWS #: Project:** 

Sample Location: 114063 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		4.00 N	l 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:20:00 AM Lab ID: 20080863-10 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114064 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114064 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date A Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 8:26:00 AM

 Lab ID:
 20080863-11
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 114053
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114053 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		11.0 1	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

**JUALIFIERS** 

C1 Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Recovery outside comtrol limits due to Matrix Interference ND Not Detected at the Reporting Limit

PL Permit Limit

Original

Н

Holding times for preparation or analysis exceeded



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-12

Client Sample ID: 114051 52570.002 LCC-Water Sampling **Project:** 

Sample Location: 114051

Sample Address:

**Collection Date:** 8/19/2020 8:26:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix: PWS #:** 

DRINKING WATER

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-13 Client Sample ID: 114062

52570.002 LCC-Water Sampling **Project:** 

Sample Location: 114062

Sample Address:

**Collection Date:** 8/19/2020 8:33:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix:** DRINKING WATER

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

**PWS #:** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:33:00 AM Lab ID: 20080863-14 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114073 **Matrix:** DRINKING WATER

52570.002 LCC-Water Sampling **PWS #: Project:** 

Sample Location: 114073 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL U		EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		3.00 N	l 1	1.00 MI	IPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:41:00 AM Lab ID: 20080863-15 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114072 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114072 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL U	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		316 N	N 1	1.00 ľ	MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:41:00 AM Lab ID: 20080863-16 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114056 **Matrix:** DRINKING WATER

52570.002 LCC-Water Sampling **PWS #: Project:** 

Sample Location: 114056 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		40.0	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:50:00 AM Lab ID: 20080863-17 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 90164 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 90164 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		28.0	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:50:00 AM Lab ID: 20080863-18 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114068 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114068 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 1	J 1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:55:00 AM Lab ID: 20080863-19 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114079 **Matrix:** DRINKING WATER

52570.002 LCC-Water Sampling **PWS #: Project:** 

Sample Location: 114079 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Un		EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		2.00 N	l 1	1.00 MP	PN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 8:55:00 AM Lab ID: 20080863-20 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114070 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114070 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		6.00 N	l 1	1.00	MPN/100mL	08/20/20 17:	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 9:06:00 AM Lab ID: 20080863-21 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114065 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114065 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL U	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 N	l 1	1.00 N	MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-22

Client Sample ID: 114071 **Project:** 52570.002 LCC-Water Sampling

Sample Location: 114071

Sample Address:

**Collection Date:** 8/19/2020 9:06:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix:** DRINKING WATER **PWS #:** 

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 1	J 1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



**PWS #:** 

TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

8/19/2020 9:22:00 AM

DRINKING WATER

8/20/2020 11:50:00 AM

**CLIENT:** PBS Environmental **Collection Date:** Lab ID: 20080863-23 **Received Date:** Client Sample ID: 114060 **Matrix:** 

52570.002 LCC-Water Sampling

Sample Location: 114060

**Project:** 

**Source ID: CITY** Sample Collector: DANIEL LYONS Sample Address:

**Residual Chlorine** 

Method **NELAP** Result DF **RL Units Analyses EPA Date Analyst Status** Qual Limit Analyzed Legionella **LEGIOLERT** ND 1.00 MPN/100mL 08/20/20 17:45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

CLIENT: PBS Environmental Lab ID: 20080863-24

Client Sample ID: 90140

**Project:** 52570.002 LCC-Water Sampling

**Sample Location:** 90140

Sample Address:

**Collection Date:** 8/19/2020 9:22:00 AM **Received Date:** 8/20/2020 11:50:00 AM

Matrix: DRINKING WATER

**PWS #:** 

Didividino WillE

Source ID: CITY

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		4.00 N	l 1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

**UALIFIERS** 

Sample container temperature is out of limit as specified at testcode Recovery outside comtrol limits due to Matrix Interference

MI Recovery out
PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 9:26:00 AM Lab ID: 20080863-25 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114058 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114058 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT	-	4.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 9:26:00 AM Lab ID: 20080863-26 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110979 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110979 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		106 N	l 1	1.00	MPN/100mL	08/20/20 17:-	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 9:33:00 AM

 Lab ID:
 20080863-27
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 111584
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 111584 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		26.0 N	1	1.00	MPN/100mL	08/20/20 17:	45 DJK

QUALIFIERS

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Recovery out
PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

Date Reported: 8/28/2020

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 9:33:00 AM

 Lab ID:
 20080863-28
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 114078
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114078 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		20.0	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

UALIFIERS

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference ND Not Detected at the Reporting Limit

MI Recovery our PL Permit Limit

Original

Н

Holding times for preparation or analysis exceeded



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-29

Client Sample ID: 89070

**Project:** 52570.002 LCC-Water Sampling Sample Location: 89070

Sample Address:

**Collection Date:** 8/19/2020 9:43:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix: PWS #:** 

DRINKING WATER

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 9:43:00 AM Lab ID: 20080863-30 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89078 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89078 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 9:55:00 AM Lab ID: 20080863-31 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89033 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89033 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		16.0	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 9:55:00 AM Lab ID: 20080863-32 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110969 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110969 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses		ELAP tatus	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		3.00 1	N 1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:03:00 AM Lab ID: 20080863-33 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110976 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110976 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		35.0	N 1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:03:00 AM Lab ID: 20080863-34 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114061 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114061 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		51.0 N	l 1	1.00	MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



Sample Address:

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#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:08:00 AM Lab ID: 20080863-35 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89009 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89009 **Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units EPA Date Limit Analyz		Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:08:00 AM Lab ID: 20080863-36 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110980 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110980 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-37

Client Sample ID: 89010

**Project:** 52570.002 LCC-Water Sampling

Sample Location: 89010

Sample Address:

**Collection Date:** 8/19/2020 10:15:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix:** 

DRINKING WATER

**PWS #:** 

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Un		EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		2.00 N	l 1	1.00 MP	PN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:15:00 AM Lab ID: 20080863-38 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89083 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89083 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:20:00 AM Lab ID: 20080863-39 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89057 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89057 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-40

Client Sample ID: 89049

**Project:** 52570.002 LCC-Water Sampling

Sample Location: 89049

Sample Address:

**Collection Date:** 8/19/2020 10:20:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix:** DRINKING WATER **PWS #:** 

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:27:00 AM Lab ID: 20080863-41 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89063 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89063 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units EPA Date Limit Analyz		Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:27:00 AM Lab ID: 20080863-42 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89001 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89001 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date A Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

8/19/2020 10:35:00 AM

**CLIENT:** PBS Environmental Lab ID: 20080863-43

Client Sample ID: 89062

**Project:** 52570.002 LCC-Water Sampling

Sample Location: 89062 Sample Address:

**Received Date:** 8/20/2020 11:50:00 AM **Matrix:** DRINKING WATER

**PWS #:** 

**Collection Date:** 

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:35:00 AM Lab ID: 20080863-44 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110955 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110955 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date A Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:43:00 AM Lab ID: 20080863-45 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110966 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110966 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLER1	Γ	1 00.8	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:43:00 AM Lab ID: 20080863-46 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110968 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110968 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Un		EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		2.00 N	l 1	1.00 MP	PN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:50:00 AM Lab ID: 20080863-47 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 107303 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 107303 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:45	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:50:00 AM Lab ID: 20080863-48 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89027 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89027 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:56:00 AM Lab ID: 20080863-49 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 99060 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 99060 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL U	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 N	l 1	1.00 N	MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 10:56:00 AM Lab ID: 20080863-50 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110970 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110970 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		2.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

8/19/2020 11:01:00 AM

8/20/2020 11:50:00 AM

DRINKING WATER

**CLIENT:** PBS Environmental **Collection Date:** Lab ID: 20080863-51 **Received Date: Matrix:** 

Client Sample ID: 89022 **Project:** 52570.002 LCC-Water Sampling

Sample Location: 89022

Sample Address:

Sample Collector: DANIEL LYONS

**CITY** 

**Residual Chlorine** 

**PWS #:** 

**Source ID:** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	15 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 11:01:00 AM

 Lab ID:
 20080863-52
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 110957
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110957 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		16.0 I	N 1	1.00 MPN/100mL	08/20/20 17:	45 DJK

QUALIFIERS

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Recovery out
PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:06:00 AM Lab ID: 20080863-53 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110984 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110984 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		82.0 N	1	1.00	MPN/100mL	08/20/20 17:	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:06:00 AM Lab ID: 20080863-54 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110996 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110996 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT	7	44.0	N 1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:11:00 AM Lab ID: 20080863-55 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110990 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110990 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses		NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		3.00 1	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-56

Client Sample ID: 110998 **Project:** 52570.002 LCC-Water Sampling

Sample Location: 110998

Sample Address:

**Collection Date:** 8/19/2020 11:11:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix: PWS #:** 

DRINKING WATER

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL U	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00 N	l 1	1.00 N	MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:17:00 AM Lab ID: 20080863-57 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89048 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89048 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 17:4	45 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Original

NELAP



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 11:17:00 AM

 Lab ID:
 20080863-58
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 110954
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110954 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		113	N 1	1.00 MPN/100mL	08/20/20 17:	45 DJK

QUALIFIERS

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Recovery out
PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:23:00 AM Lab ID: 20080863-59 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110997 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110997 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Unit	ts EPA Date Limit Analyze	Analyst d
Legionella	LEGIOLERT		92.0 N	l 1	1.00 MPN	I/100mL 08/20/20 1	17:45 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:23:00 AM Lab ID: 20080863-60 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110963 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110963 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses		NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		205 1	N 1	1.00 MPN/100mL	08/20/20 17:4	5 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:30:00 AM Lab ID: 20080863-61 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114069 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114069 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL	Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		4.00 N	l 1	1.00	MPN/100mL	08/20/20 18:	32 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:30:00 AM Lab ID: 20080863-62 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 111318 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 111318 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		463 1	N 1	1.00 MPN/100mL	08/20/20 18:3	32 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:35:00 AM Lab ID: 20080863-63 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 89090 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 89090 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLER	Г	1 00.9	N 1	1.00 MPN/100mL	08/20/20 18:3	32 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:35:00 AM Lab ID: 20080863-64 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110960 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110960 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF al	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		18.0	J 1	1.00 MPN/100mL	08/20/20 18:3	32 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: **20080863** 

8/28/2020

Date Reported:

 CLIENT:
 PBS Environmental
 Collection Date:
 8/19/2020 11:41:00 AM

 Lab ID:
 20080863-65
 Received Date:
 8/20/2020 11:50:00 AM

 Client Sample ID:
 114059
 Matrix:
 DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114059 Source ID: CITY

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses		NELAP Status	Result Qı	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		9.00	N 1	1.00 MPN/100mL	08/20/20 18:3:	2 DJK

QUALIFIERS

C1 Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

PL Permit Limit

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 11:41:00 AM Lab ID: 20080863-66 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110962 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110962 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		1.00	N 1	1.00 MPN/100mL	08/20/20 18:	32 DJK

Sample container temperature is out of limit as specified at testcode MI Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863 Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-67

Client Sample ID: 89092

**Project:** 52570.002 LCC-Water Sampling

Sample Location: 89092

Sample Address:

**Collection Date:** 8/19/2020 11:48:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix:** DRINKING WATER

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

**PWS #:** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date A Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 18:32	2 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

Date Reported: 8/28/2020

**CLIENT:** PBS Environmental Lab ID: 20080863-68

Client Sample ID: 89058

**Project:** 52570.002 LCC-Water Sampling

Sample Location: 89058

Sample Address:

**Collection Date:** 8/19/2020 11:48:00 AM **Received Date:** 8/20/2020 11:50:00 AM

**Matrix:** DRINKING WATER

**Source ID: CITY** 

Sample Collector: DANIEL LYONS

**Residual Chlorine** 

**PWS #:** 

Analyses	Method	NELAP Status	Result Qu	DF ıal	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 18:3	2 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 12:00:00 PM Lab ID: 20080863-69 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 114067 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 114067 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		16.0	N 1	1.00 MPN/100mL	08/20/20 18:	32 DJK

Sample container temperature is out of limit as specified at testcode

Recovery outside comtrol limits due to Matrix Interference

MI Permit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com **Analytical Report** 

WO#: 20080863

8/28/2020

Date Reported:

**CLIENT:** PBS Environmental **Collection Date:** 8/19/2020 12:00:00 PM Lab ID: 20080863-70 **Received Date:** 8/20/2020 11:50:00 AM Client Sample ID: 110985 **Matrix:** DRINKING WATER

**Project:** 52570.002 LCC-Water Sampling **PWS #:** 

Sample Location: 110985 **Source ID: CITY** 

Sample Address: Sample Collector: DANIEL LYONS

**Residual Chlorine** 

Analyses	Method	NELAP Status	Result Qu	DF ial	RL Units	EPA Date Limit Analyzed	Analyst
Legionella	LEGIOLERT		ND	1	1.00 MPN/100mL	08/20/20 18:3	32 DJK

Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

Permit Limit

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



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

## **QC SUMMARY REPORT**

WO#:

20080863

28-Aug-20

Client: PBS Environmental

Project: 52570.002 LCC-Water Sampling TestCode: LEGIOLERT

3	22010102 200 11 11 201012							
Sample ID: MB-R14180A	SampType: MBLK	TestCode: LEGIOLERT Units: MPN/100mL	Prep Date:	RunNo: <b>14180</b>				
Client ID: PBW	Batch ID: R14180A	TestNo: LEGIOLERT	Analysis Date: <b>8/20/2020</b>	SeqNo: <b>213331</b>				
Analyte	Result	PQL SPK value SPK Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual				
Legionella	Negative	1.00						
Sample ID: LCS-R14180A	SampType: <b>LCS</b>	TestCode: LEGIOLERT Units: MPN/100mL	Prep Date:	RunNo: <b>14180</b>				
Client ID: LCSW	Batch ID: R14180A	TestNo: LEGIOLERT	Analysis Date: 8/20/2020	SeqNo: <b>213332</b>				
Analyte	Result	PQL SPK value SPK Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual				
Legionella	Positive	1.00 1.000 0 0	0 0					
Sample ID: MB-R14180	SampType: <b>MBLK</b>	TestCode: LEGIOLERT Units: MPN/100mL	Prep Date:	RunNo: <b>14180</b>				
Client ID: PBW	Batch ID: <b>R14180</b>	TestNo: LEGIOLERT	Analysis Date: <b>8/20/2020</b>	SeqNo: <b>213346</b>				
Analyte	Result	PQL SPK value SPK Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual				
Legionella	Negative	1.00						
Sample ID: LCS-R14180	SampType: <b>LCS</b>	TestCode: LEGIOLERT Units: MPN/100mL	Prep Date:	RunNo: <b>14180</b>				
Client ID: LCSW	Batch ID: <b>R14180</b>	TestNo: LEGIOLERT	Analysis Date: 8/20/2020	SeqNo: 213347				
Analyte	Result	PQL SPK value SPK Ref Val %REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual				
Legionella	Positive	1.00 1.000 0 0	0 0					

Qualifiers:

Sample container temperature is out of limit as specified at testcode

Not Detected at the Reporting Limit

Holding times for preparation or analysis exceeded

PL Permit Limit

MI Recovery outside comtrol limits due to Matrix In

RL Reporting Detection Limit

Section A CORPORATION		Section B		0.000					on C			Section D						
Required Client Information			Project Inform						ce Informa			[]						
Company: PBS		Project Na	ame: LCC -	Water S	aM	plia	4		tion: Val	-	Stevenson		No.					
Address: 3500 Chad Drive S	1:1E 100		umber: 535				_	-	pany Name	111-								
Eugene OR 97408		Report To	david by	crows GDI	os US	a. C	IN	Addr	ess: 35	DO C	haid Dr St.1	Expre	ess: 3 Business Days (List × 1.75)					
Email: David, burrows Ophsusa.	.com	Copy To:	daniel.	vors @p	650	sa.	CON	· E	ryere	OR 9	97408	Rush	: 2 Business Days (List × 2.00)					
Phone: 360-749-5698 Fax:				,				P.O.	#			Rush	: 1 Business Day (List × 2,50)					
Collected By (Print): Daniel Lyon								***				Rush	: Same Day (List × 3.00)					
Collected By (Sign):									Analysis F	Requested	d		sh Status (Subject to Scheduling)  Standard: 10 Business Days  Priority: 5 Business Days (List × 1.50)  Express: 3 Business Days (List × 2.00)  Rush: 2 Business Days (List × 2.00)  Rush: 1 Business Day (List × 2.50)  Rush: Same Day (List × 3.00)  Authorized Yes No  CCWorkorder # Lab Use Only)  Pemarks / eld Data  NRC Sample # Use Only)  CC OS  COS  COS  COS  COS  COS  COS  C					
Email Report Mail Report Fax Repo	ort 🔲					T	7											
		_				MA	3						61					
Section E					13	3	3					NRC Work	corder#					
Sample Information		,	,		aine	-	_					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
		181	Date	Time	Cont	2						Bamaska	,					
Sample ID	Comp/Grab	Matrix*	Collected	Collected	No. of Containers	TOTXX - 1 PETURE	3	-				Field Data						
114054	Grab	Ow	8/19/20	0750	4	1		_	++	-								
114076	i	1	11/0	1	i													
114055			14/1	0757									03					
114075				t									0-4					
114 057				0803									05					
114074													06					
114066		2.1		0814									07					
114077				, 1									- CS					
114063				0820									09)					
*Matrix: DW - Drinking Water WW - Wastewater	W - Water S - Soil/S	Solid SI - S	Studge O - Oil	WP - Wine O	T - Oth	ner							10					
Section F	17 174.5. 2 35.7		Jidaga O O II	mpc o		10.						Section G						
Relinquish/Receive Sign				Pri	int				Da	ate	Time							
Relinquished By:			Da	niel Ci	ions	)			8/10	100	1500	Temp:	,40C					
Received By:	330								1111			≤6°C:	Yes No					
Relinquished By:										-		Received o	in Ice: X Yes No					
Received By:									Number of	Bottles Received:								
Relinquished By:										pH Checke	id:							
Received By Laboratory:			· Nau	mi C	SN				8-20-	2020	11:50	COC Seals	intact: Yes No NA					
												Field Blank	-Included:YesNo					
											Received Via	UPS(XF	edEXOther Hand					
			n						Paymen	t: 🔼 ir	nvoiceCash	_VISA, M/C	Cneck#Amount					
								-					Effective 5/19/202					

Section A CORPORATION		Section E	3					Section	on C			Section D		
Required Client Information		Required	Project Inform	nation					e Information				s (Subject to Scheduling)	
Company: PAS	***	Project N	ame:	-Water	Sa	MD	Im	Attent	ion: Varess	a s	Kverson	-	ard: 10 Business Days	
Address: 3500 Chad Drive S	Taite (00)	Project N	umber: 53	570.000	1	1	)	Comp	any Name: 🔐	5		Priority	r: 5 Business Days (List × 1.50)	
Eugene OR 97408		Report To	: david	worrod.	( Cas	als w	Su .c.	Addre	ss: 3500	Ch	ad Dr. Stla	Express: 3 Business Days (List × 1.75)		
Email: david burrows Opsour	4. C+M	Copy To:	darid li	10M @phs				DV.			97408		2 Business Days (List × 2.00)	
Phone: 360 -749-38Fax:								P.O. #	,	-	A STATE OF THE STA	Rush:	1 Business Day (List × 2,50)	
Collected By (Print): Daniel Closs												Rush:	Same Day (List × 3,00)	
Collected By (Sign):									Analysis Reque	ested			Authorized Yes No	
Email Report Mail Report Fax Report	]								-					
			8/19/	20		D							9	
04 F			dill		9	H	}							
Section E Sample Information					iner	13						NRC Worko		
					onta	3							Fig. 18 and 18 a	
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	TDEXX-1EGTONER						Remarks / Field Data	NRC Sample # (Lab Use Only)	
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		+		0833				+		-			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
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90164				0850	+		-			-		<del></del>	19	
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114079				0855		$\vdash$	+	-		-			19	
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*Matrix: DW - Drinking Water WW - Wastewater W -	Water S - Soil	Solid SL - S	Sludge O - Oil	WP - Wipe O	T - Oth	ner								
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			35					388	Payment;	( Inv	Physical Physics (Const.)	/ISA, M/C	Check#Amount	
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Section A		Section E	3				5	Section C			Section D		
Required Client Information			Project Inform	nation				nvoice Info			Rush Status	(Subject to Scheduling)	
Company: PAS		Project Na	000	-Water	Sa	MD	in	Attention: V	anessa	skuerson	Standa	rd: 10 Business Days	
	Site (00)	Project No	umber: 52	570-003	7	•		Company Na	38.		Priority: 5 Business Days (List x 1.50)		
Eugene OR 9740		Report To	: David	worrod.	( Ca)	also	M. CON	Address: 3	500 C	had Dr. Stloo	Express: 3 Business Days (List × 1.75)		
Email: david burrows offs	U54. C+M	Copy To:	darid ly	ons @ plas	SUSA	.00		Dugene		97408		2 Business Days (List × 2.00)	
Phone: 260 -749-368Fax:								P.O. #	,	0.000	Rush: 1	1 Business Day (List × 2,50)	
Collected By (Print): Daniel Clory	•							10000			Rush: 8	Same Day (List × 3.00)	
Collected By (Sign):		1						Analys	is Requeste	d		Authorized Yes No	
Email Report Mail Report Fax Repo	rt 🔲	1				\					1		
		_	8/19/	10		8							
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Sample Information					ainer	FG3					NRC Worko		
5000			D.4.	<b>*</b> :	Sont	17							
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	IDEXX-LFGIOLER					Remarks / Fleld Data	NRC Sample # {Lab Use Only}	
114065	CRAB	DW	0/9/20	0906	2	1-1	-	_					
114071	GRAG	DW.	- THE PARTY	106	1		+	_				2.1	
114060				6922	1		+					<b>D</b> -	
90140				0725		+				<u> </u>	-	23	
114058	<del></del>		-	0926	-	-	-	_					
110 9 79				0120		11		-		<del>                                     </del>	-		
111584				0933	1	11	-	_		<del></del>		26	
114078				1		++					-	27	
89070		1-1-		0743	1	+	1			<del>                                     </del>	-		
89078				1		1		_		<del>                                     </del>	-	29	
*Matrix: DW - Drinking Water WW - Wastewater	W - Water S - Soil/S	Solid SL - S	Sludge O - Oil	WP - Wipe O	T - Oth	her	11				1		
Section F											Section G		
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							_			Received Via	and the second second section in the second	IEX Other Hand	
			*					Payr	ment: 🔼 I	nvoiceCashV	ISA, M/C	Check# Amount	
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Section A		Section E	3					Section	on C				Section D		
Required Client Information		Required	Project Inform	nation				7	e Inform					(Subject to Scheduling)	
Company: PAS		Project Na	ame:	-Water	Sa	M	ling	Attent	ion: Val	USSA.	steve	rson	Standard	d: 10 Business Days	
	Site 100	Project No	umber: 52	570-00	0	'	ر	Comp	any Name	:885	6		Priority:	5 Business Days (List x 1.50)	
Eugene OR 97408	)	Report To	OUN O	. burrow	( Ca)	alsu	54 . (	Addre	ss: 350	10 CV	rad D	1. St100	Express	: 3 Business Days (List × 1.75)	
	a. C+M	Copy To:	darid h	rom @plos	SUSA	.00	~	100	nere.	OR.		108	Rush: 2	Business Days (List × 2.00)	
Phone: 360 -749-368Fax:								P.O. 2	1				Rush: 1	Business Day (List × 2,50)	
Collected By (Print): Daniel Clary													<b>⊣</b> —	ame Day (List × 3,00)	
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Email Report Mail Report Fax Report	] "	1				\	T				Т				
		7	8/19/	10		RY	;								
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					Sonte	1-X									
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	of C	DEX							Remarks / Fleid Data	NRC Sample # Use Only)	(Lab
89033	CRAB	0.0	Maba	0000	-	14		-				$\perp$			
110969	GRAG	DW	0/19/20	0955	1	1	-	-	-					- 31	
(09.76				1003	+	++		-					-	32	
114061				1005		+	-			_			-	33	
89009				1008	++	++	-		-	-				3	
110980				1000	+	++	_	_		-			-	31	
89010				1015							-		-	87	
89083				1							_	<del>-   -  </del>	1	2 S	ages Leftine - K Alfa Alfa committee - In
89057				1020									<del>                                     </del>	39)	
89049	1			1											
*Matrix: DW - Drinking Water WW - Wastewater W	- Water S - Soil/S	Solid SL - S	Sludge O - Oil	WP - Wipe O	T - Oth	her	-							L. Carrier and Car	
Section F				-					_				Section G		
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Received By Laboratory:		Naon	Mi Dia	^				8-20	2020	11.	5(7)	Andrew Manuel Control	stact: Yes No NA	<u>Ostobretti Lori.</u> Etobretti Lori	
							-	<u> </u>		11.		A Commercial Section 1	cluded: Yes No	guerrandan dari Milanguah	
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Section A		Section E	В					Section (	С			Section D			
Required Client Information		Required	Project Inform	nation					information			Rush Status	s (Subject to Scheduling)		
company: PAS		Project N	ame:	-Water	Sa	mpl	M	Attention:	: Vares	45	Ruerson	Standa	ard: 10 Business Days		
	Site 100	Project N		570-00	0				y Name: 🎧	15		Priority	: 5 Business Days (List × 1.50)		
Eugene OR 97408		Report To	= Javid	burrow.	< Cos	lesus	u .com	Address:	3500	ch	ad Dr. St100	Expres	Express: 3 Business Days (List × 1.75)		
Email: david burrows @psous	a. C+M	Сору То:	A	on Babs				Duge			97408		2 Business Days (List × 2.00)		
Phone: 360 - 749 - 388Fax:			1			1		P.O. #	- ;				1 Business Day (List × 2,50)		
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Email Report Mail Report Fax Report		1				\	П					1			
		_	8/19/0	20		BRI							w		
Section E Sample Information	T William Colored	1			tainers	16636						NRC Worko			
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	IDEXX-LEGICIER						Remarks / Fleld Data	NRC:Sample # (Lab Use Only)		
89063	GRAB	DW	4/1/20	1027	1	1				$\neg$					
89001				1	i								47.		
59062				1035									U2,		
110955													uu uu		
110966				1043									12 45		
110968		$\vdash$		1	$\perp$								46		
107303				1050		11									
89027 99060				1	-	-							HX		
110970				1056	+	1-1	-			_			CIG .		
*Matrix: DW - Drinking Water WW - Wastewater W	- Water S - Soil/S	Solid SL - S	Sludge O - Oil	WP - Wipe O	T - Oth	ner									
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Received By:			T			***************************************						and the state of t	Sottles Received.		
Relinquished By:		***************************************										pH Checked	Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Contractive Co		
Received By Laboratory:		Nha	Diri C	In			8	-20-20	20	11:50	" professional and a service of	ntactYesNoNA			
												Field Blank I	ncluded:YesNo		
											Received Via	UPS 🗶 Fed	dEX Cther/ Hand		
			*					76000F	Payment:	<u>(</u> Inv	oiceCashV	ISA, M/C	Check#Amount		
													Effective 6/19/2020		





Section A Required Client Information		Section B	Project Inform	action				Secti		- <b></b>		Section D		
Company: PAS		Project Na	1 -	-Water	\( a	100	NIC	1	ce Information:		skuerson		s (Subject to Scheduling) ard: 10 Business Days	
Address: 3500 Chad Drive.	Site 100	Project Nu	ımber: 53	500-003		1	11.0	1	pany Name		11/2013014	Priority: 5 Business Days (List × 1.50)		
Eugene OR 97408		Report To	200	burrow.		0). «.	· · ·		ess: 350	18/	ad Dr. Stla		ss: 3 Business Days (List × 1.75)	
Email: david. burous Opsour		Copy To:	20110	on Oplos	_	2			9c/e.	OR.	97408	Rush:	2 Business Days (List × 2.00)	
Phone: 360 -749-398Fax:	4.6 // (		Jani ec. 14	01300	مرور	.(0	7/	P.O.		UIV,	17.00		1 Business Day (List × 2,50)	
Collected By (Print): Daniel Clary			18000				_				****		Same Day (List × 3.00)	
Collected By (Sign):		1						-	Analysis	Requested			Authorized Yes No	
Email Report Mail Report Fax Report	7	-			-	1,	-		7411417010	T T		-	Authorized res No	
Section E Sample Information			8/19/0	20	tainers	TOEXX-JECTARD Y	1 30000 507					NRC Works		
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	TOEXX	Walter	2				Remarks / Fleld Data	The state of the s	
89022	GRAB	DW	9/19/20	1101	1								s 51	
110957		1		1	1	Н							52	
110984				1106	-	+							53	
110990				11(1	-	-	-		+-+				54	
110998				11(1		+	+	_	1	-			55	
89048				1117		11							office matter	
110954						11							58	
110997				1123									59	
110963			L										60	
*Matrix: DW - Drinking Water WW - Wastewater W Section F	- Water S - Soil/S	Solid SL - S	Sludge O - Oil	WP - Wipe O	T - Oth	her						Section G		
Relinquish/Receive Sign				Pri	int					ate	Time	Lab Use Or		
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Received By:			•	1						-		≤6°C:	Yes No	
Relinquished By:												Received or	n loe: X Yes No	
Received By:											Number of E	Bottles Received:		
Relinquished By:											pH Checked	Í		
Received By Laboratory:	Nao	mi 0	4				8-20	-2020	11:80	COC Seals	Septimental Company of the Company o			
											Received Via	"Harananda anabara	Included: Yes No edEX Other Hand	
			\$9					34894	Payme	nt: X In	voice <u>C</u> ash	and the second second	Check# Amount	
								19970000	1463405. <b>*</b> 3656	(g). F 1995	and a second of the second of	un ottovane	Effective 6/19/2020	

Section A		Section E	3					Secti	on C			Section D					
Required Client Information		Required	Project Infor	mation				Invoi	ce Informatio	n			s (Subject to Scheduling)				
Company: PAS		Project N	ame: 💍	-Water	Sa	M	ling	Atten	tion: Value	559.	skuerson	Standa	ard: 10 Business Days				
	Site 100	Project N	umber: 52	570-00	0	1	1	Com	pany Name: 🏻	BS		Priorit	Priority: 5 Business Days (List × 1.50)				
Eugene OR 9740		Report To	UUV.0	worrod.	( ( (a)	pho	154 -0	Addr	ess: 3502	ch	ad Dr. Stl	D Expres	ss: 3 Business Days (List × 1.75)				
Email: david burrows @plso	54. C+M	Copy To:	darid.	YOM BAL	SUSA	·co	1	2	gene. C	R	97408		2 Business Days (List × 2.00)				
Phone: 360 -749-398Fax:				, , ,			3	P.O.	#			Rush:	1 Business Day (List × 2,50)				
Collected By (Print): Daniel Collected												Rush:	Same Day (List × 3.00)				
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		4	8/191	20		Q.											
Section E			Or I		92	DV.	3					NRC:Works	alou Military				
Sample Information		· · · · · ·		,	aine	17	3					(Lab Use					
		20: 155.41	Date	Time	Cont	18						Remarks /					
Sample ID	Comp/Grab	Matrix*	Collected	Collected	No. of Containers	TOEXX-JECTARD						Fleid Data					
114069	GRAB	DW	0/1/20	1130	1	1	-						51				
111318			1	1	Ti								62				
	89090																
110960													60				
114059				1141	$\perp$	$\perp$							<b>5</b> 5				
110962				1 1 1 1 5 6		44							660				
8909 J 8905 8		$\bot$		1148			4	_					61				
		-		12-2	++	-	_	_					68				
114067	<del></del>			1200	+	-	-	_	-								
*Matrix: DW - Drinking Water WW - Wastewater	W - Water S - Soil/S	Solid SL - S	Sludge O - Qil	WP - Wipe C	OT - Ot	her	<u> </u>										
Section F			1000 VI VI VI									Section G					
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Received By Laboratory:	1/111	o ma	M				8-20-2	XU	11:50	20 0 mm 1 10 3 mm 1 10 1	Intact: Yes No NA						
											- deci-el/delen	Santa Antonia Control	Included: Yes No				
								2000	rempension #	W1	Received Via	american habitan american	anne de la companya				
									- rayment:	in .	voiceCash	_VISA, M/C	Check# Amount				
													Effective 6/19/2020				



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

 Medford, OR 97501
 WO#:
 20080863

 -5678 FAX: (541) 770-2901
 Date:
 8/28/2020

 Website: www.nrclabs.com
 Date:
 8/28/2020

**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.
- 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.