



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

September 30, 2020

Cary Midwood  
PBS Environmental  
3500 Chad Dr, Ste 100  
Eugene, OR 97408  
TEL: 541-686-8684  
FAX: (541) 686-4602

RE: 52570.001 LCC-Water Sampling

Order No.: 20090967

Dear Cary Midwood:

Neilson Research Corporation received 28 sample(s) on 9/23/2020 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

Tamra Schmedemann  
Senior Project Manager  
245 S Grape St  
Medford, OR 97501



Original



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#: 20090967  
Date: 9/30/2020

---

**CLIENT:** PBS Environmental  
**Project:** 52570.001 LCC-Water Sampling

---

### WorkOrder Narrative:

20090967: 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, Samples 20090967-01A to 20090967-28A, Batch ID R14897: Some positive samples were randomly chosen for confirmation of Legionella pneumophila serogroup 1 using an antibody agglutination test.

---

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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 7:52:00 AM  
**Lab ID:** 20090967-01 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110978 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110978

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	37.0	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	------	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 7:56:00 AM  
**Lab ID:** 20090967-02 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89052 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89052

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:00:00 AM  
**Lab ID:** 20090967-03 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110961 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110961

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	1.00	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	------	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:06:00 AM  
**Lab ID:** 20090967-04 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 90001 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 90001

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	1.00	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	------	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:10:00 AM  
**Lab ID:** 20090967-05 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89016 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89016

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:12:00 AM  
**Lab ID:** 20090967-06 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110994 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110994

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028





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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:15:00 AM  
**Lab ID:** 20090967-07 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 90000 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 90000

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:20:00 AM  
**Lab ID:** 20090967-08 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110967 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110967

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:24:00 AM  
**Lab ID:** 20090967-09 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89095 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89095

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental  
**Lab ID:** 20090967-10  
**Client Sample ID:** 89053  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Collection Date:** 9/22/2020 8:27:00 AM  
**Received Date:** 9/23/2020 11:00:00 AM  
**Matrix:** DRINKING WATER

**Sample Location:** 89053

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:29:00 AM  
**Lab ID:** 20090967-11 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89076 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89076

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:33:00 AM  
**Lab ID:** 20090967-12 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110953 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110953

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental  
**Lab ID:** 20090967-13  
**Client Sample ID:** 110964  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Collection Date:** 9/22/2020 8:37:00 AM  
**Received Date:** 9/23/2020 11:00:00 AM  
**Matrix:** DRINKING WATER

**Sample Location:** 110964

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:40:00 AM  
**Lab ID:** 20090967-14 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89028 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89028

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028





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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:43:00 AM  
**Lab ID:** 20090967-15 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89051 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89051

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:46:00 AM  
**Lab ID:** 20090967-16 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110958 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110958

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:51:00 AM  
**Lab ID:** 20090967-17 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110952 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110952

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:53:00 AM  
**Lab ID:** 20090967-18 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89096 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89096

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 8:55:00 AM  
**Lab ID:** 20090967-19 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110477 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110477

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:01:00 AM  
**Lab ID:** 20090967-20 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89055 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89055

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental  
**Lab ID:** 20090967-21  
**Client Sample ID:** 110971  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Collection Date:** 9/22/2020 9:04:00 AM  
**Received Date:** 9/23/2020 11:00:00 AM  
**Matrix:** DRINKING WATER

**Sample Location:** 110971

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	1920	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	------	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:06:00 AM  
**Lab ID:** 20090967-22 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110983 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110983

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	17.0	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	------	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028





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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:09:00 AM  
**Lab ID:** 20090967-23 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89072 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89072

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:13:00 AM  
**Lab ID:** 20090967-24 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110986 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110986

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:17:00 AM  
**Lab ID:** 20090967-25 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110993 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110993

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:20:00 AM  
**Lab ID:** 20090967-26 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 110956 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 110956

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:27:00 AM  
**Lab ID:** 20090967-27 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89067 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89067

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 Date Reported: 9/30/2020

**CLIENT:** PBS Environmental **Collection Date:** 9/22/2020 9:31:00 AM  
**Lab ID:** 20090967-28 **Received Date:** 9/23/2020 11:00:00 AM  
**Client Sample ID:** 89066 **Matrix:** DRINKING WATER  
**Project:** 52570.001 LCC-Water Sampling  
**Sample Address:**

**Sample Location:** 89066

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Analyst
----------	--------	--------------	--------	------	----	----	-------	-----	-----------------------

**LEGIONELLA PNEUMOPHILA BY LEGIOLERT**

Legionella	LEGIOLERT	A	ND	N	1	1.00	MPN/100mL		09/23/20 12:49 DJK
------------	-----------	---	----	---	---	------	-----------	--	--------------------

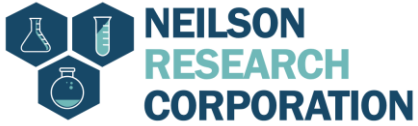
**QUALIFIERS**

CI	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	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

Original

**NELAP**

NELAP A Accredited. ORELAP 100016, OR-028



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#: 20090967  
 30-Sep-20

**Client:** PBS Environmental  
**Project:** 52570.001 LCC-Water Sampling

**TestCode:** LEGIOLERT

Sample ID: <b>MBLK</b>	SampType: <b>MBLK</b>	TestCode: <b>LEGIOLERT</b>	Units: <b>MPN/100mL</b>	Prep Date:	RunNo: <b>14897</b>						
Client ID: <b>PBW</b>	Batch ID: <b>R14897</b>	TestNo: <b>LEGIOLERT</b>		Analysis Date: <b>9/23/2020</b>	SeqNo: <b>224061</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Legionella	ND	1.00									

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>LEGIOLERT</b>	Units: <b>MPN/100mL</b>	Prep Date:	RunNo: <b>14897</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>R14897</b>	TestNo: <b>LEGIOLERT</b>		Analysis Date: <b>9/23/2020</b>	SeqNo: <b>224062</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				

**Qualifiers:** 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 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.

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

<b>Section A</b> Required Client Information	<b>Section B</b> Required Project Information	<b>Section C</b> Invoice Information	<b>Section D</b> Rush Status (Subject to Scheduling)
Company: <u>PBS</u>	Project Name: <u>LCC-Water Sampling</u>	Attention: <u>Vanessa Stevenson</u>	<input checked="" type="checkbox"/> Standard 10-14 Days
Address: <u>3500 Chad Dr. Suite 100</u> <u>Eugene, OR 97408</u>	Project Number: <u>52570.001</u>	Company Name: <u>PBS</u>	<input type="checkbox"/> 5 Business Days (50% surcharge)
Email: <u>Cary.midwood@pbsusa.com</u>	Report To: <u>David.Burrows@pbsusa.com</u>	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Phone: <u>360-747-5698</u> Fax:	Copy To: <u>Cary.midwood@pbsusa.com</u>	P.O. #	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Collected By (Print): <u>Cary Midwood</u>			<input type="checkbox"/> Other _____
Collected By (Sign): <u>[Signature]</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Email Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mail Report <input type="checkbox"/> Yes <input type="checkbox"/> No		
Fax Report <input type="checkbox"/> Yes <input type="checkbox"/> No			

Section E Sample Information						Analysis Requested		NRC Workorder # <u>200910967</u> (Lab Use Only)				
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	ID	EX	LE	GL	RE	Remarks/Field Data	NRC Sample # (Lab Use Only)
<u>110978</u>	<u>Grab</u>	<u>DW</u>	<u>9/22/20</u>	<u>7:52</u>	<u>1</u>	<u>X</u>						<u>01</u>
<u>89052</u>				<u>7:56</u>								<u>02</u>
<u>110961</u>				<u>8:00</u>								<u>03</u>
<u>90001</u>				<u>8:06</u>								<u>04</u>
<u>89016</u>				<u>8:10</u>								<u>05</u>
<u>110994</u>				<u>8:12</u>								<u>06</u>
<u>90000</u>				<u>8:15</u>								<u>07</u>
<u>110967</u>				<u>8:20</u>								<u>08</u>
<u>89095</u>				<u>8:24</u>								<u>09</u>
<u>89053</u>				<u>8:27</u>								<u>10</u>

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

Section F Relinquish/Receive		Sign	Print	Date	Time
Relinquished By:	<u>[Signature]</u>		<u>Cary Midwood</u>	<u>9-22-2020</u>	<u>11:30</u>
Received By:					
Relinquished By:					
Received By:					
Relinquished By:	<u>[Signature]</u>		<u>Naomi Orr</u>	<u>9-23-2020</u>	<u>11:00</u>
Received By Laboratory:					

Section G Lab Use Only	
Temp:	<u>2.80C</u>
4°C +/- 2°C:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Received on Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Number of Bottles Received:	
pH Checked:	
COC Seals Intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Field Blank Included:	<input type="checkbox"/> Yes <input type="checkbox"/> No

Received Via  UPS  FedEX  Other  Hand

Payment:  Invoice  Cash  VISA, M/C  Check # \_\_\_\_\_ Amount \_\_\_\_\_





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

# Chain of Custody Record

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

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information	Section D Rush Status (Subject to Scheduling)
Company: <u>PBS</u>	Project Name: <u>LCC - water sampling</u>	Attention: <u>Jessica Stevenson</u>	<input checked="" type="checkbox"/> Standard 10-14 Days
Address: <u>3500 Chad Dr. suite 100</u> <u>Eugene, OR 97408</u>	Project Number: <u>52570.001</u>	Company Name: <u>PBS</u>	<input type="checkbox"/> 5 Business Days (50% surcharge)
Email: <u>Cary.Midwood@pbsusa.com</u>	Report To: <u>David Burrows@pbsusa.com</u>	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Phone: <u>360-749-5694</u> Fax:	Copy To: <u>Cary.Midwood@pbsusa.com</u>	P.O. #	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Collected By (Print): <u>Cary Midwood</u>			Other _____
Collected By (Sign): <u>Cary</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Email Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mail Report <input type="checkbox"/> Yes <input type="checkbox"/> No		
Fax Report <input type="checkbox"/> Yes <input type="checkbox"/> No			

Section E Sample Information					No. of Containers	IDE XX-REG-CERT	Analysis Requested										NRC Workorder # <u>20090967</u> (Lab Use Only)	
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected			Remarks/Field Data	NRC Sample # (Lab Use Only)										
<u>89076</u>	<u>Grab</u>	<u>DW</u>	<u>9/22/20</u>	<u>8:29</u>	<u>1</u>	<u>X</u>										<u>11</u>		
<u>110953</u>				<u>8:33</u>												<u>12</u>		
<u>110964</u>				<u>8:37</u>												<u>13</u>		
<u>89028</u>				<u>8:40</u>												<u>14</u>		
<u>89051</u>				<u>8:43</u>												<u>15</u>		
<u>110958</u>				<u>8:46</u>												<u>16</u>		
<u>110952</u>				<u>8:51</u>												<u>17</u>		
<u>89096</u>				<u>8:53</u>												<u>18</u>		
<u>110977</u>				<u>8:55</u>												<u>19</u>		
<u>89055</u>				<u>9:01</u>												<u>20</u>		

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

Section F Relinquish/Receive	Sign	Print	Date	Time
Relinquished By: <u>Cary</u>	<u>Cary Midwood</u>		<u>9-22-2020</u>	<u>11:30</u>
Received By:				
Relinquished By:				
Received By:				
Relinquished By:	<u>Naomi Orr</u>	<u>Naomi Orr</u>	<u>9-23-2020</u>	<u>11:00</u>
Received By Laboratory:				

Section G Lab Use Only
Temp: <u>2.80C</u>
4°C +/- 2°C: <input type="checkbox"/> Yes <input type="checkbox"/> No
Received on Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Number of Bottles Received:
pH Checked:
COC Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Field Blank Included: <input type="checkbox"/> Yes <input type="checkbox"/> No

Received Via  UPS  FedEX  Other  Hand

Payment:  Invoice  Cash  VISA, M/C  Check # \_\_\_\_\_ Amount \_\_\_\_\_

# Chain of Custody Record

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

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information	Section D Rush Status (Subject to Scheduling)
Company: <u>PBS</u>	Project Name: <u>LLC - Water Sampling</u>	Attention: <u>Vanessa Stevenson</u>	<input checked="" type="checkbox"/> Standard 10-14 Days
Address: <u>3500 Chahl Dr. Suite 100</u> <u>Eugene, OR 97409</u>	Project Number: <u>52570.001</u>	Company Name: <u>PBS</u>	<input type="checkbox"/> 5 Business Days (50% surcharge)
Email: <u>Cary.midwood@pbsusa.com</u>	Report To: <u>David.burrows@pbsusa.com</u>	Address:	<input type="checkbox"/> 3 Business Days (75% surcharge)
Phone: <u>360-744-5694</u> Fax:	Copy To: <u>Cary.midwood@pbsusa.com</u>	P.O. #	<input type="checkbox"/> 24 - 48 hours (100% surcharge)
Collected By (Print): <u>Cary Midwood</u>			<input type="checkbox"/> Other _____
Collected By (Sign): <u>[Signature]</u>			Authorized <input type="checkbox"/> Yes <input type="checkbox"/> No
Email Report <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Mail Report <input type="checkbox"/> Yes <input type="checkbox"/> No			
Fax Report <input type="checkbox"/> Yes <input type="checkbox"/> No			

Section E Sample Information						Analysis Requested										NRC Workorder # <u>20090967</u> (Lab Use Only)			
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers													Remarks/Field Data	NRC Sample # (Lab Use Only)
<u>110971</u>	<u>Grab</u>	<u>DW</u>	<u>9/22/20</u>	<u>9:04</u>	<u>1</u>	<u>X</u>													<u>11/21</u>
<u>110983</u>				<u>9:06</u>															<u>12/22</u>
<u>89072</u>				<u>9:09</u>														<u>error</u>	<u>13/23</u>
<u>110986</u>				<u>9:13</u>															<u>14/24</u>
<u>110993</u>				<u>9:17</u>															<u>15/25</u>
<u>110956</u>				<u>9:20</u>															<u>16/26</u>
<u>89067</u>				<u>9:27</u>															<u>17/27</u>
<u>89066</u>				<u>9:31</u>															<u>18/28</u>

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

Section F Relinquish/Receive	Sign	Print	Date	Time
Relinquished By: <u>[Signature]</u>	<u>Cary Midwood</u>		<u>9-22-2020</u>	<u>11:30</u>
Received By:				
Relinquished By:				
Received By:				
Relinquished By: <u>[Signature]</u>	<u>Nhoni Orr</u>		<u>9-23-2020</u>	<u>11:00</u>
Received By Laboratory:				

Section G Lab Use Only
Temp: <u>2.30C</u>
4°C +/- 2°C: <input type="checkbox"/> Yes <input type="checkbox"/> No
Received on Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Number of Bottles Received:
pH Checked:
COC Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Field Blank Included: <input type="checkbox"/> Yes <input type="checkbox"/> No

Received Via  UPS  FedEX  Other  Hand

- 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.