

November 16, 2020

David Burrows PBS Environmental 3500 Chad Dr, Ste 100

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

Eugene, OR 97408

RE: 52570.001 LCC Legionella Order No.: 20110158

Dear David Burrows:

Neilson Research Corporation received 3 sample(s) on 11/4/2020 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

Tamna Stimedeman

Tamra Schmedemann Senior Project Manager

245 S Grape St Medford, OR 97501









Case Narrative

WO#: **20110158**Date: **11/16/2020**

CLIENT: PBS Environmental

Project: 52570.001 LCC Legionella

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

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



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

Website: www.nrclabs.com

Received Date:

Matrix:

Analytical Report

WO#: 20110158 Date Reported: 11/16/2020

11/4/2020 11:50:00 AM

DRINKING WATER

Collection Date: 11/3/2020 8:20:00 AM

CLIENT: PBS Environmental Lab ID: 20110158-01 **Client Sample ID** 111991-9-108

52570.001 LCC Legionella

Sample Address:

Building 9, Room 108

Sample Location: Grab

NELAP Method Result Qual DF RL Units MCL Date Analyzed/Analyst **Analyses Status** LEGIONELLA PNEUMOPHILA BY LEGIOLERT 1.00 MPN/100mL LEGIOLERT A ND Legionella 11/04/20 15:46 DJK

C1 Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

PLPermit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Original

NELAP Accredited. ORELAP 100016, OR-028



Analytical Report

WO#: 20110158 Date Reported: 11/16/2020

11/4/2020 11:50:00 AM

DRINKING WATER

Collection Date: 11/3/2020 8:27:00 AM

Received Date:

Matrix:

CLIENT: PBS Environmental Lab ID: 20110158-02 **Client Sample ID** 121331-6-130

52570.001 LCC Legionella

Sample Address:

Building 6, Room 130

Sample Location: Grab

NELAP Method Result Qual DF RL Units MCL Date Analyzed/Analyst **Analyses Status** LEGIONELLA PNEUMOPHILA BY LEGIOLERT 1.00 MPN/100mL LEGIOLERT A ND Legionella 11/04/20 15:46 DJK

C1 Sample container temperature is out of limit as specified at testcode MI

Recovery outside comtrol limits due to Matrix Interference

PLPermit Limit Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Original

NELAP Accredited. ORELAP 100016, OR-028



Analytical Report

WO#: 20110158 Date Reported: 11/16/2020

11/4/2020 11:50:00 AM

DRINKING WATER

Collection Date: 11/3/2020 8:34:00 AM

Received Date:

Matrix:

CLIENT: PBS Environmental Lab ID: 20110158-03 Client Sample ID 121312-CC-207

52570.001 LCC Legionella

Sample Address:

Building 25, Room 207

Sample Location: Grab

Analyses	Method	NELAP Status	Result	Qual	DF	RL	Units	MCL	Date Analyzed/Ana	lyst
LEGIONELLA PNI	EUMOPHILA BY LE	GIOLERT								
Legionella	LEGIOLERT	ГА	ND		1	1.00	MPN/100mL		11/04/20 15:46 D	JK

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 Accredited. ORELAP 100016, OR-028



QC SUMMARY REPORT

WO#: **20110158**

16-Nov-20

Client: PBS Environmental

Project: 52570.001 LCC Legionella TestCode: LEGIOLERT

Sample ID: MB-R16942 SampType: MBLK TestCode: LEGIOLERT Units: MPN/100mL Prep Date: RunNo: 16942

Client ID: PBW Batch ID: R16942 TestNo: LEGIOLERT Analysis Date: 11/4/2020 SeqNo: 243113

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Legionella ND 1.00

Sample ID: LCS-R16942	SampType: LCS	TestCo	de: LEGIOLER	T Units: MPN/	/100mL	Prep Da	te:		RunNo: 16942			
Client ID: LCSW	Batch ID: R16942	TestN	lo: LEGIOLE R	tT.		Analysis Da	te: 11/4/20	20	SeqNo: 243114			
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					

Permit Limit

RL Reporting Detection Limit



Chain of Custody Record

	I		1
Page	l	of _	1

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

Section A					Section C							Section D					
Required Client Information			Project Name: LCC Legione 1/4					Invoice Information							Rush Status (Subject to Scheduling)		
Company: PBS Engineering & Environmental								Attention: Vanessa Stevenson							Standard 10-14 Days		
Address: 3500 Chad Drive Suite 100								-	Company Name: PBS						5 Business Days (50% surcharge)		
Eugene, OR 97408									Address: 3500 Chad Drive Suite 100						3 Business Days (75% surcharge)		
Email: cary.midwood@pbsusa.com								_	Eugene, OR 97408						24 - 48 hours (100% surcharge)		
Phone:541.716.4472 Fax:			P.O. #												Other		
Collected By (Print): Cary Midwood		1				_						2 2			Authorized	Yes No	
Collected By (Sign):								Analysis Requested							4		
Email Report X Yes No Mail Report	_YesNo				S	Ι.											
Fax Report YesNo					ner	1	2										
Ocation F					ntai	ot	7								NRC Workorder #		
Section E Sample Information					ပိ	1 15	3								(Lab Use Only)	10158	
Sample ID	Comp/Grab	Matrix*	Date Collected	Time Collected	No. of Containers	2001 1001	544			4					Remarks/Field Data	NRC Sample # (Lab Use Only)	
111991-9-108	Gnit	DW	11/3/20	8:20	1	Х										01	
121371-6-130	Grob	bw	1//3/20	4:27	1	X			123							02	
121312 - CC-207	Grab	DW	11/3/20	9:34	1	Х										03	
			- -														
							1							_			
						\vdash							\neg				
*Matrix: DW - Drinking \	Vater WW - W	/astewate	r W - Water	S - Soil/Solid	SL -	Sludg	ge O -	Oil W	VP - W	ipe C	T - C	ther					
Section F Relinquish/Receive Sign			Print						Date			Time			Section G Lab Use Only		
Relinquished By: W		Cary Midwood					11/3/20 1100				\mathcal{O}		Temp: 3,3°C				
Received By:														4°C +/- 2°C: Yes	_ No		
Relinquished By:													Received on Ice: X Yes	No			
Received By:													Number of Bottles Received	1:3			
Relinquished By:	\		1												pH Checked:		
Received By Laboratory:	Mami Or						1142020 11:50)	COC Seals Intact: Yes No NA				
																'es No	
													Receiv	ed Via	UPS X_FedEXOti	her Hand	
				P	age 7	7 of '	7	Paym	nent:	X In	voice	c	ash _	_VISA,	M/C Check #	Amount	