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DATE: February 6, 2014

WQ 0.10.14.4

TO: Oregon Health Authority
Environmental Public Health
Drinking Water Program

**SUBJECT: Monthly Report for January 2014
Bull Run Treatment Variance
Intake *Cryptosporidium* Results
PWS # 4100657**

To Whom It May Concern:

Enclosed are results of laboratory analyses for *Cryptosporidium* from the Bull Run raw water intake for January. Monitoring for *Cryptosporidium* at the Bull Run intake is done to comply with the conditions of Portland's Bull Run Treatment Variance (OHA Final Order, March 14, 2012). PWB is currently in Observation Monitoring. Compliance turbidity readings at the intake for the reporting month were not greater than 2.0 NTU.

Clancy Environmental – Tetra Tech, Inc. completed the analysis for *Cryptosporidium* (see attached report). A summary of the results for the reporting month and the previous eleven months is shown in the table below:

***Cryptosporidium* Data Summary for the Reporting Month and the Previous Eleven Months.**

Date Range		Total Field Samples	Total Field Sample Volume (L)	Total No. Oocysts Counted in Field Samples	Total Matrix Spikes	Average Matrix Spike Recovery (%)
Reporting Month:	1/1/2014-1/31/2014	8	399.9	0	1	62.0
Previous 11 Months:	2/1/2013-12/31/2013	234	5325.4	0	28	47.3

If you have any questions regarding these results, please contact me at 503-823-6135.

Sincerely,

Ann Richter
Environmental Program Manager

Transmitted: Two pages (including this transmittal memo) emailed to dwp.dmce@state.or.us on this date.



Clancy Environmental – Tetra Tech

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Cryptosporidium Laboratory Analysis Report

Water System Information		Sample Information	
PWS ID:	OR4100657	Collection Month & Year:	January 2014
PWS Name:	Portland Water Bureau 1900 N Interstate Avenue Portland, Oregon 97227	Report Date:	January 30, 2014
County:	Multnomah	Monitoring Regime:	Observation
		Source Water:	Bull Run Intake

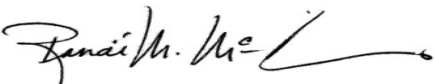
Clancy Environmental - a Tetra Tech, Inc. company

PWB Sample ID	Loc ID	Sample Collection Date	Sample Type	Sample Volume Filtered (L)	No. of Oocysts Spiked	No. of Oocysts Counted	No. Oocysts per Liter	Matrix Spike Recovery (%)	Analysis Method
BB35599	2P	1/5/2014	Field	50.0	0	0	0.00	-	1623
BB35591	2P	1/7/2014	Field	50.0	0	0	0.00	-	1623
BB35592	2P	1/7/2014	Matrix Spike	51.0	100	62	1.22	62.0	1623
BB35733	2P	1/12/2014	Field	50.0	0	0	0.00	-	1623
BB35789	2P	1/14/2014	Field	50.0	0	0	0.00	-	1623
BB35930	2P	1/19/2014	Field	50.0	0	0	0.00	-	1623
BB35953	2P	1/21/2014	Field	50.0	0	0	0.00	-	1623
BB36030	2P	1/26/2014	Field	50.0	0	0	0.00	-	1623
BB36093	2P	1/28/2014	Field	49.9	0	0	0.00	-	1623

NOTES:

Data Quality Statement:

All data reported above, unless otherwise noted, were generated in accordance with EPA Method 1623.

Reviewed by 

Date Reviewed: Thursday, January 30, 2014