

Spectra Labs - Tacoma received samples from Aspect Consulting on Tuesday, October 11, 2022 at 2:02 pm. Unless otherwise noted, all samples were received in good condition and were tested in accordance with the laboratory's quality control procedures. A summary of the samples received are outlined below.

Sample No.	Description	Location	Sampled
304150-01		D4-07020	10/11/2022 13:16
304150-02		UP Cascade Christian	10/11/2022 12:35
304150-03		D1-13332	10/11/2022 11:57
304150-04		D1-13332 PVac 1	10/11/2022 11:38
304150-05		D1-13332 PVac 2	10/11/2022 11:45

This report package contains laboratory sample results and any attachments listed below. If you have any questions please call (253) 272-4850 or email us at [office@spectra-lab.com](mailto:office@spectra-lab.com).

#### Attachments

01) Analytical Report: Spectra Laboratories – Port Orchard

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These results relate only to the items tested and the sample(s) as received by the laboratory. This report shall not be reproduced except in full, without prior express written approval by Spectra Laboratories.

Approved By



Tara Crosby

1 Tacoma Client Services and Project M

**Analytical Report**

Aspect Consulting  
710 2nd Ave., Suite 550  
Seattle, WA 98104

Project Puyallup IDDE  
PO Number 220200  
Date Received 10/11/2022

**Client ID: D4-07020****Lab No: 304150-01****Sample Date: 10/11/22 13:16**

Analyte	Method	Result	Units	PQL	Qualifiers	Analysis Date	Analyst
E. coli MPN-Colilert	SM 9223 B-Colilert	64.5	MPN/100ml	1	---	10/11/2022	225
Fecal Coliform (MF)	SM 9222 D	60.0	CFU/100ml	10	---	10/11/2022	225

**Client ID: UP Cascade Christian****Lab No: 304150-02****Sample Date: 10/11/22 12:35**

Analyte	Method	Result	Units	PQL	Qualifiers	Analysis Date	Analyst
E. coli MPN-Colilert	SM 9223 B-Colilert	51.2	MPN/100ml	1	---	10/11/2022	225
Fecal Coliform (MF)	SM 9222 D	40.0	CFU/100ml	10	---	10/11/2022	225

**Client ID: D1-13332****Lab No: 304150-03****Sample Date: 10/11/22 11:57**

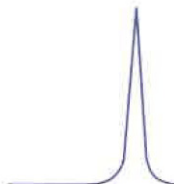
Analyte	Method	Result	Units	PQL	Qualifiers	Analysis Date	Analyst
E. coli MPN-Colilert	SM 9223 B-Colilert	>2419.6	MPN/100ml	1	---	10/11/2022	225
Fecal Coliform (MF)	SM 9222 D	7500.0	CFU/100ml	1000	---	10/11/2022	225

**Client ID: D1-13332 PVac 1****Lab No: 304150-04****Sample Date: 10/11/22 11:38**

Analyte	Method	Result	Units	PQL	Qualifiers	Analysis Date	Analyst
E. coli MPN-Colilert	SM 9223 B-Colilert	>2419.6	MPN/100ml	1	---	10/11/2022	225
Fecal Coliform (MF)	SM 9222 D	>20000	CFU/100ml	100	---	10/11/2022	225

**Client ID: D1-13332 PVac 2****Lab No: 304150-05****Sample Date: 10/11/22 11:45**

Analyte	Method	Result	Units	PQL	Qualifiers	Analysis Date	Analyst
E. coli MPN-Colilert	SM 9223 B-Colilert	1553.1	MPN/100ml	1	---	10/11/2022	225
Fecal Coliform (MF)	SM 9222 D	480.0	CFU/100ml	10	---	10/11/2022	225



## Analytical Report

Aspect Consulting  
710 2nd Ave., Suite 550  
Seattle, WA 98104

Project Puyallup IDDE  
PO Number 220200  
Date Received 10/11/2022

225 = Analyzed by Spectra Laboratories-Kitsap (Port Orchard). See complete report provided.

### Lab Qualifiers Comments:

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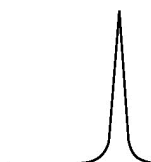
Spectra Labs - Kitsap, LLC (Port Orchard) received samples for Spectra Laboratories on Tuesday, October 11, 2022 at 4:34 pm. Unless otherwise noted, all samples were received in good condition and were tested in accordance with the laboratory's quality control procedures. A summary of the samples received are outlined below.

<b>Sample No.</b>	<b>Description</b>	<b>Location</b>	<b>Sampled</b>
134985-01		D4-07020	10/11/2022 13:16
134985-02		UP Cascade Christian	10/11/2022 12:35
134985-03		D1-13332	10/11/2022 11:57
134985-04		D1-13332 PVac 1	10/11/2022 11:38
134985-05		D1-13332 PVac 2	10/11/2022 11:45

This report package contains laboratory sample results and any attachments listed below. If you have any questions please call (360) 443-7845 or email us at JessicaD@spectra-lab.com.

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# SPECTRA Laboratories - Kitsap

...Where experience matters

## Analytical Report

Spectra Laboratories  
2221 Ross Way  
Tacoma, WA 98421

Project 304150  
Sampler Hite  
Date Received 10/11/2022

**Client ID: D4-07020**

**Lab No: 134985-01**

**Sample Date: 10/11/22**

Analyte	Method	Result	Qualifiers	Units	PQL	Analysis Date	Analyst
E. coli	SM 9223 B	64.5	---	MPN/100ml	1.0	10/11/2022	SC
Fecal Coliform (MF)	SM 9222D	60.0	---	CFU/100ml	10.0	10/11/2022	SC

**Client ID: UP Cascade Christian**

**Lab No: 134985-02**

**Sample Date: 10/11/22**

Analyte	Method	Result	Qualifiers	Units	PQL	Analysis Date	Analyst
E. coli	SM 9223 B	51.2	---	MPN/100ml	1.0	10/11/2022	SC
Fecal Coliform (MF)	SM 9222D	40.0	---	CFU/100ml	10.0	10/11/2022	SC

**Client ID: D1-13332**

**Lab No: 134985-03**

**Sample Date: 10/11/22**

Analyte	Method	Result	Qualifiers	Units	PQL	Analysis Date	Analyst
E. coli	SM 9223 B	>2419.6	---	MPN/100ml	1.0	10/11/2022	SC
Fecal Coliform (MF)	SM 9222D	7500.0	---	CFU/100ml	100.0	10/11/2022	SC

**Client ID: D1-13332 PVac 1**

**Lab No: 134985-04**

**Sample Date: 10/11/22**

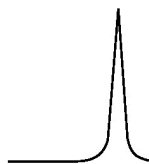
Analyte	Method	Result	Qualifiers	Units	PQL	Analysis Date	Analyst
E. coli	SM 9223 B	>2419.6	---	MPN/100ml	1.0	10/11/2022	SC
Fecal Coliform (MF)	SM 9222D	>20000	---	CFU/100ml	100.0	10/11/2022	SC

**Client ID: D1-13332 PVac 2**

**Lab No: 134985-05**

**Sample Date: 10/11/22**

Analyte	Method	Result	Qualifiers	Units	PQL	Analysis Date	Analyst
E. coli	SM 9223 B	1553.1	---	MPN/100ml	1.0	10/11/2022	SC
Fecal Coliform (MF)	SM 9222D	480.0	---	CFU/100ml	10.0	10/11/2022	SC



# SPECTRA Laboratories - Kitsap

*...Where experience matters*

1786 SE Mile Hill Dr.  
Port Orchard, WA 98366  
(360) 443-7845

## Final Page of Report

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Approved By

Jessica Donaldson  
Client Services and Project Manager

# SPECTRA Laboratories

2221 Ross Way, Tacoma, WA 98421  
(253) 272-4850 Fax (253) 572-9838  
www.spectra-lab.com info@spectra-lab.com

## SPECIAL INSTRUCTIONS/COMMENTS:

See Attached Due Date 10/18/22

CHAIN of CUSTODY

134785

Due Date Y N X Page 1 of 1

STANDARD X RUSH

CLIENT: Spectra Laboratories ADDRESS: 2221 Ross Way Tacoma WA 98421

ADDRESS CHANGE ☐

PROJECT: 304150

CONTACT: Tara Crosby

SUBBED TO: Port Orchard

PHONE: 253-272-4850 FAX: 253-572-9838

e-MAIL: office@spectra-lab.com or e-MAIL ☐

PURCHASE ORDER #:

SAMPLE ID	DATE SAMPLED	TIME SAMPLED	MATRIX
1 304150-01	10/10/22	13:16	H2O 1
2 304150-02	10/10/22	12:35	H2O 1
3 304150-03	10/10/22	11:57	H2O 1
4 304150-04	10/10/22	11:38	H2O 1
5 304150-05	10/10/22	11:45	H2O 1
6			
7			
8			
9			
0			

## NUMBER OF CONTAINERS

Drinking Water						Other					
Nitrate						Nitrate					
Nitrite						Nitrite					
N + N						Enterococci 9230D Enterolert					
Bacteria P/A						Fecal Coliform MF					
E. coli MPN 9223B Colilert QT						E. coli MPN 9223B Colilert					
tot. coliform 9223B Colilert QT						tot. coliform 9223B Colilert MPN					

## LAB USE ONLY

US Mail	UPS	Shipped Via:	Fed Ex	Courier	Client	SIGNATURE	PRINTED NAME	COMPANY	DATE	TIME
							Chris Wilder	Spectra-T	10/11/22	2:00 PM

Cooler Box Envelope None

Tracking #

Custody Seals: Y N Intact: Y N

Cooler Temp. Sample Temp.

Payment Terms: Net 30 days. Past due accounts subject to 1 1/2 % per month interest. Customer agrees to pay all costs of collection including reasonable attorney's fees and all other costs of collection regardless of whether suit is filed in Pierce Co., WA venue. Spectra Analytical, Inc.





**D1-13332**  
E. Coli: **345.0** MPN/100 mL  
Fecal Coliform: **590.0** CFU/100 mL  
DO (%): 62.25  
Turbidity: 130.79 NTU

D1-12911

Pro Vac

Sample "Pro-Vac 2"

INTER AVE

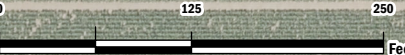
Sample "Pro-Vac 1"

Best Parking Lot  
Cleaning

23RD ST SE

23RD ST SE

E  
PIONEER



High Risk  
(E. Coli >301; Fecal ≥ 201)

Manhole

Inlet

Private Outfall

Stream/River Centerline  
(Pierce County GIS)

Storm Pipe

Culvert

Channel

ML-Limited Manufacturing

RS-04-High Urban Density Single-Family Residential

Regulated Floodplain 2017 (City of Puyallup GIS)

0.2 PCT

1% Chance Annual Flood

X (SHADED)

City of Puyallup Zoning

ARO-Agriculture, Recreation, and Open Space

CG-General Commercial

Storm water Catch Basin - No  
Visible water flow - Not  
sampled/Tested

Tested Stormwater Catch Basin -  
Confirmed Fecal, E Coli  
contamination (per 10/11 lab test  
results)

Deer Creek - D1-13332

IDDE - Outfall Screening and Source Tracing

Deer Creek

Puyallup, Washington

Aspect

CONSULTING

OCT-2022

PROJECT NO.  
220200

BY:  
BRH / WEG

REVISED BY:  
BRH / WEG

FIGURE NO.

2-8

Data source credits: None || Basemap Service Layer Credits: NA

Aspect Pro. G:\Projects\Chapin\Maping\Puyallup\DC\_220200\Project\PuyallupDC\_220200.aprx | INAD 3883 Sammamish Washington South FRS 4802 feet | Date Saved: 10/3/2022 11:05:10 AM | Exported: 10/3/2022 21:05:10 AM