City of Bothell

October 1, 2020

Jerome Cruz, Ecology Site Manager
Department of Ecology,
Northwest Regional Office Toxic Cleanup Program
3190 160th Avenue SE
Bellevue, Washington 98008-5452

Re: Quarterly Progress Report for period ending June 2020

Site Name:	**BOTHELL SERVICE CENTER/ SIMON & SON**
Site Address:	18107 Bothell Way NE, Bothell WA 98011
Parcel Numbers:	237420-0065
Facility/Site No.:	33215922
Consent Decree No.:	18-2-02852-3 SEA (Effective date February 2, 2018)

Reporting Period: July - September 2020

Summary:

City of Bothell (PLP) continues to make progress on work being performed for the Bothell Service Center site (BSCSS), in accordance with the Consent Decree (CD) with the Department of Ecology.

Per the requirements of Section XI of the Consent Decree "Progress Reports", the attached quarterly progress report has been prepared for the three-month period preceding this submittal to satisfy the terms described in the Consent Decree.

During this period the work has been geared towards continued operation of the bio-remediation system and quarterly groundwater sampling.

The attached progress report provides an update on work accomplished for the period ending September 30, 2020. Please contact me if you have any questions.

Sincerely,

Nduta Mbuthia

Nduta Mbuthia
Project Coordinator, City of Bothell

Public Works Department
18415 101st Ave NE
Bothell, WA 98011
425.806.6800
www.bothellwa.gov

City of Bothell™

Reporting Period:	Jul - Sep 2020
Date submitted (electronically):	Oct 1, 2020
Date mailed (certified w/return receipt):	*(deferred due to COVID-19 Stay at Home Order)*
Prepared by:	Nduta Mbuthia, Project Coordinator City of Bothell, Public Works Department Phone: 425.806.6829 Email: nduta.mbuthia@bothellwa.gov

CONTENTS

A. A list of on-site activities that have taken place during this quarter

- Continued operation of the bio-remediation system
- Groundwater sampling was completed in July 2020; analytical data is attached
- July 16 - Annual GW Performance Monitoring Report for 2019 was submitted to Ecology
- September 8 - Sent a formal notification of conveyance letter to Ecology site manager & Environmental Covenants Coordinator indicating that the City has negotiated a Purchase and Sale Agreement (PSA) with a prospective buyer/developer for Lot D (where BSC, Hertz & Wexler sites are located), per the terms of the Consent Decree (and Agreed Order). Another formal notification letter will be sent to Ecology upon successful negotiation of a Purchase and Sale agreement for the property (at a later date)

B. Detailed description of any deviations from required tasks not otherwise documented in project plans or amendment requests:

None

C. Description of all deviations from the CAP (Exhibit C) and Schedule (Exhibit D) during the current quarter and any planned deviations in the upcoming quarter:

N/A

D. For any deviations in schedule, a plan for recovering lost time and maintaining compliance with the schedule:

None. The GW compliance monitoring schedule below received Ecology site manager's concurrence:-

Q1 - Winter 2019: March 5, 2019 - March 15, 2019
Q2 - Spring 2019: May 20, 2019 - June 3, 2019
Q3 - Summer 2019: July 15, 2019 - August 5, 2019
Q4 - Fall 2019: October 7, 2019 - October 25, 2019
Q5 - Winter 2020: January 6, 2020 - January 20, 2020
Q6 - Spring 2020: Week of April 6, 2020 through week of April 20, 2020
Q7 - Summer 2020: Week of July 6, 2020 through week of July 20, 2020
Q8 - Fall 2020: Week of October 5, 2020 through week of October 19, 2020

E. All raw data (including laboratory analyses) received by Defendants during the past quarter and an identification of the source of the sample:

GW monitoring quarter sampling results attached

F. A list of deliverables for the upcoming quarter if different from the schedule:
Same as the updated schedule

Attachments

- Updated Exhibit D from the CD (8-13-19)
- Transmittal of the Annual GW Monitoring Report for BSCSS (7/14/20)
- Groundwater sampling table and data – summer 2020

Exhibit D

Site Schedule of Work and Deliverables

	Deliverables	Due (Calendar Days)[1]
	A. Administrative	
A.1	Consent Decree entered by the King County Superior Court (Effective Date of the CD)	Within 5 days of the execution by the Parties
A.2	Notification of selected contractor name and qualifications	Within 5 days of the effective date of Consent Decree (A.1)
A.3	Progress Reports	Quarterly on the 10th of the month beginning after the effective date of the Consent Decree (A.1)
A.4	Financial Assurances – submit cost estimate for Ecology review and approval	Within 60 days of the effective date of Consent Decree
A.5	Financial Assurances - provide proof of financial assurances	Within 60 days after Ecology approves cost estimate (A.4)
	B. Design	
B.1	Draft Pre-Remedial Design (PRDI) Project Plans[2]	Within 5 days of the effective date of Consent Decree (A.1)
B.2	Draft PRDI Data Report and Draft Engineering Design Report (EDR)[3]	Within 5 days of Ecology approval of Final PRDI Project Plans (B.1)
B.3	Final PRDI Data Report and EDR Report	Within 5 days of receipt of Ecology's comments on the Draft PRDI Data and EDR Reports (B.2)
B.4	90 % Plans and Specs [per WAC 173-340-400(4)(b)]	Within 5 days of receipt of Ecology comments on Final EDR Report (B.3)
B.5	100 % Plans and Specs	Within 5 days of receipt of Ecology comments on 90 % plans and specifications (B.4)
	C. Field Construction	
C.1	Complete Construction Procurement	Within 5 days of completion of the 100% plans and specifications (B.1)
C.2	ERH System installation	Within 2 months of the effective date of Consent Decree
	ERH Operation	Within 6 to 8 months of the effective date of Consent Decree
C.3	Start install and begin operation of bioremediation-groundwater recirculation/SVE systems	Within 2 months of the effective date of Consent Decree
C.4	Install compliance monitoring well network	Within 2 months of the effective date of Consent Decree
C.5	Complete Construction	Within 2 months of the effective date of Consent Decree
C.6	ERH soil performance sampling	Within 6 to 8 months of the effective date of Consent Decree
C.7	Contingent soil excavation in ERH treatment area	Within 6 to 9 months of the ERH system shutdown

C.8	Decommission ERH; install and operate SVE system	Within 4 to 6 weeks of ERH system final shutdown. SVE system operation beginning March 2019.
C.9	Cleanup Action Report and As-Built Drawings and Report; Draft Environmental Covenant(s); and an updated Title Report	Within 60 days of decommission of SVE systems
D. Post Construction Work		
D.1	Final Environmental Covenant(s)	Within 30 days of receipt of Ecology comments on the Draft Environmental Covenant(s).
D.2	Record Final Environmental Covenant(s) with King County Auditor	Within 5 days after completion of the Final Environmental Covenant or Ecology's signature as grantee of the Final Environmental Covenant(s), whichever occurs last.
D.3	Performance Groundwater Monitoring Quarterly Performance Monitoring Biannual Performance Monitoring	Quarterly performance monitoring for one year starting Summer 2019; Biannual performance monitoring until PCE, and its breakdown products reach their applicable cleanup levels in the selected performance monitoring wells provided in CAP
D.4	Decommission Bioremediation/Groundwater Recirculation system	Upon attainment of cleanup levels in performance monitoring wells
D.5	Indoor Air Sampling (two rounds)	1st round - post-construction and pre-occupation of buildings 2nd round - upon completion of Groundwater Closure report per Section 7.0 of the BSCSS Final CAP
D.6	Groundwater Confirmation Monitoring Quarterly Compliance Monitoring	Quarterly for two years following completion of performance monitoring. As described in CAP, contingency of an additional year of quarterly sampling if cleanup levels not attained. After one additional year, if COC groundwater cleanup levels have not been reached, include a 5-year compliance sampling event for the duration of the environmental covenant.
D.7	As Built Drawings and Report of vapor intrusion mitigation measures (vapor barrier and passive venting systems), and other engineering and institutional controls (if any).	Within 30 days of the City's receipt from the developer
D.8	Five Year Compliance Monitoring and Periodic Review reports	To follow Groundwater compliance monitoring (D.6). Groundwater monitoring required once every five years for the duration of the institutional controls on groundwater (if present) under the environmental covenant.

1) *Schedule is in calendar days. Deliverable due date may be modified with Ecology concurrence without amendment to the Consent Decree.*
2) *Project Plans include the following: Work Plan, Sampling and Analysis Plan, Quality Assurance Project Plan, and Health and Safety Plan, to be submitted for Ecology review and approval. All plans will include a schedule for implementation as applicable.*
3) *The Engineering Design Report includes: a Construction Quality Assurance Project Plan, a Compliance Monitoring and Contingency Response Plan, Proposed Best Management Practices, Water Quality Monitoring Plan, and Substantive Requirements of Procedurally Exempt Permits. Ecology will not approve the Final EDR until the required permits have been obtained.*

From: Nduta Mbuthia
To: Cruz, Jerome (ECY)
Cc: John Kane; Jeff Jensen
Subject: Annual Compliance monitoring reporting for BSCSS
Date: Thursday, July 16, 2020 10:49:41 AM
Attachments: 2020.7.16 Letter of Transmittal BSCSS Annual GW report.pdf
image002.png
image004.png

Hi Jerome,

Attached is a transmittal of the Annual GW Monitoring Report for BSCSS (7/14/20) - the link is in the transmittal letter. Thanks

Nduta

From: Nduta Mbuthia
Sent: Thursday, June 25, 2020 10:57 AM
To: Cruz, Jerome (ECY) <JCRU461@ECY.WA.GOV>
Cc: John Kane <jkane@kane-environmental.com>; Petrovich, Brad (ECY) <bpet461@ECY.WA.GOV>; Jeff Jensen <Jeff@kane-environmental.com>
Subject: RE: [EXTERNAL] Compliance monitoring reporting for Hertz, Landing, and Paint?

Hi Jerome

The Annual Groundwater Compliance Monitoring Report (6/23/2020) is available for download at the link below. Please see transmittal letter attached.

https://cityofbothell-my.sharepoint.com/:b:/g/personal/nduta_mbuthia_bothellwa_gov/EUdxFOeUCapOsB762E46zUoBFHC-BxXa9scTiVUZKTniSg?e=pD0RtN

Thanks

Nduta

From: Cruz, Jerome (ECY) <JCRU461@ECY.WA.GOV>
Sent: Thursday, May 7, 2020 3:37 PM
To: Nduta Mbuthia <Nduta.Mbuthia@bothellwa.gov>
Cc: John Kane <jkane@kane-environmental.com>; Petrovich, Brad (ECY) <bpet461@ECY.WA.GOV>
Subject: [EXTERNAL] Compliance monitoring reporting for Hertz, Landing, and Paint?

Hi Nduta,
I would like to discuss with you the AO requirement for compliance monitoring reports. In the City's progress reports, they include Exhibit D of the AO. This deliverable in Exhibit D appears to require monitoring reports (for example, for the Hertz site):

	of the dCAP
Combined TPH/MNA/Arsenic ground water monitoring reports	90 days after 4th quarter sampling Annually for a minimum of 5 years unless a different action is triggered by the decision tree shown in table 1 of the dCAP

Past communications (see attached) appear to show that we handled this by accepting data tabulations and not a report (initially after the first 4 quarters then annually). However, reports are more informative than raw data as they organize and consolidate results better, and allows us to analyze the decisions in the CAP on MNA and MTCA compliance, monitoring frequency, natural vs. contamination induced arsenic, etc.

The progress reports do a great job tracking administrative and management requirements and site activities. They also include groundwater monitoring results in the form of the data tables. However, I think it might be better to have monitoring reports to allow us to assess groundwater quality and confirmation monitoring status, make decisions on whether to modify our compliance monitoring and well network, and evaluate performance under the objectives and standards of the original cleanup plans. Compliance monitoring reports are also a better package for the public (we can post them on the websites). So do you think we can start at least an annual compliance monitoring report to consolidate/summarize our monitoring results for each site and evaluate MNA progress, decision paths originally in the CAPs, and recommendations for next steps?

Thanks,

Jerome

WASHINGTON STATE DEPARTMENT OF ECOLOGY
Jerome B. Cruz, Toxics Cleanup Program, Northwest Regional Office
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Phone: (425) 649-7094 **Cell**: 425-466-8732 **Fax**: (425) 649-7098
Email: Jerome.Cruz@ecy.wa.gov
Web: http://www.ecy.wa.gov/programs/tcp/cleanup.html

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-1	Shallow *Decomissioned*	5 to 20	46.952	3/16/01			ERM	**113**	**38.3**	**28.1**	*<1.0*													
				7/13/01			ERM	**23.7**	**10.3**	**4.82**	*<1.0*													
				10/26/01			ERM	**8.71**	**2.84**	**1.29**	*<1.0*													
				12/2/02			ERM	**239**	**380**	**1,200**	*<1.0*													
				10/1/02			Farallon	**6.8**	**6.4**	**17**		6.5		196.0	1.14	13.8								
				4/27/05			Farallon	**2,600**	**80**	**53**		6.7		201.0	3.02	97.6								
				8/15/05			Farallon	**12,000**	*<50*	*<50*														
				8/14/06			Farallon	**18,000**	*<200*	*<200*		5.9		284.0	0.9	499								
				5/14/07			Farallon	**12,000**	*<50*	**63**		6.1		249.0	2.27	448								
				11/27/07			Farallon	**11,000**	*<100*	*<100*		6.6		233.0	4.87	135								
				8/26/08			Farallon	**23,000**	*<200*	*<200*		6.3		189.0	1.87	175		22			13.1	<1.2	<1.1	3.25
				1/9/09			Farallon	**450**	**10**	**6.6**		6.3		88.0	10.5	120		8.8			<0.5	<0.5	<0.5	2.95
				6/11/09			Farallon	**17,000**	*<100*	*<100*		6.1		242.0	2.32	80.1		18			8.6	<0.5	<0.5	2.2
				9/14/09			Farallon	**31,000**	*<200*	*<200*		6.3		328.0	0.74	158		21			28	<2.5	<2.5	3.7
				5/27/10			Farallon	**23,000**	*<100*	*<100*	*<100*	6.4		200.0	2.26	58.4								
				9/9/10			Farallon	**24,000**	*<200*	*<200*	*<200*	6.8		249.0	0.38	0.3		20			14	<1.0	<1.0	2.6
				6/10/11			Farallon	**1,900**	**42**	**52**	*<10*	6		141.0	5.6	39.3		13			1.1	<0.5	<0.5	4.3
				3/21/13			DOF	**8,000**	**56**	**81**	<0.2	6.7		203.0	5.5	68.4					4.5	<1.2	<1.1	11.8
				4/4/14			DOF	**270**	**16**	**49**	<0.02	7.1		117.0	5.5	-14					<0.7	<1.2	<1.1	8.28
				10/10/14			DOF	**28,000**	**160**	**140**	*<2.0 U*	6.3		348.0	0.3	18.6					36.8	<1.2 U	<1.1 U	3.15
				11/11/15	10.07	36.92	HWA	**14,000**	**92**	**87**	*<50*	6.06		341.0	3.89	80.4		19			0.76	<0.50	<0.50	2.9
				9/21/16	9.14	37.81	Kane	**6,700**	**170**	**610**	**160**	6.29		325.0										
				10/25/16	7.72	39.23	Kane	**160**	**6.6**	**16**	*<2.0*	6.33	18.4	202.0										
MW-2	Shallow *Decomissioned*	5 to 20	48.897	3/16/01			ERM	**13,800**	**834**	**106 ES**	*<1.0*													
				7/13/01			ERM	**419**	**16.4**	<1.0	*<1.0*													
				10/26/01			ERM	**532**	*<20.0*	*<20.0*	*<20.0*													
				2/12/02			ERM	**81.5**	**8.08**	<1.0	*<1.0*													
				10/1/02			Farallon	**18**	**0.65**	<0.2		6.4		319.0	0.89	-30								
				4/27/05			Farallon	**2,600**	**44**	<10		5.8		319.0	0.42	149.2								
				8/15/05			Farallon	**29,000**	*<200*	*<200*														
				8/14/06			Farallon	**32,000**	**300**	**240**		5.8		317.0	0.97	478.5								
				5/14/07			Farallon	**6,100**	**40**	**38**		6		264.0	0.7	479.8								
				11/27/07			Farallon	**38,000**	*<200*	*<200*		6.5		300.0	1.18	117.8								
				8/26/08			Farallon	**500**	**200**	**2,300**		6.4		286.0	2.26	-69.2		5.3			1330	<1.2	<1.1	25.9
				1/8/09			Farallon	**270**	**550**	**290**		6.5		296.0	0.56	24.7		7.3			500	<50	<50	6.36
				6/11/09			Farallon	**1,100**	**1,400**	**1,700**		6.3		294.0	0.73	60.9		8.5			4400	<500	<500	6.4
				9/14/09			Farallon	**1,700**	**2,200**	**7,800**		6.3		323.0	0.68	147.5		12			3800	<500	<500	13
				5/27/10			Farallon	**240**	*<60*	**12,000**	**70**	6.1		512.0	0.31	-15.9								
				9/9/10			Farallon	*<200*	*<200*	**6,400**	*<200*	6.5		420.0	0.21	-49.3		<5			9700	<500	<500	39
				6/10/11			Farallon	**150**	**1,100**	**11,000**	**3,200**	6.2		809.0	0.34	-101.4		<10			5200	<380	680	71
				3/20/13			DOF	**540**	**690**	**14,000**	830 ES	7.4		561.0	0.31	-111					15900	<1.2	1240	27
				4/7/14			DOF	**390**	**630**	**5,300**	**850**	7.2		320.0	0.3	-352					14500	<1.2	388	8.26
				10/10/14			DOF	**320**	**93**	**8,900**	**1,900**	6.2		382.0	0.2	-117					9760	<1.2 U	349	7.49
				11/11/15	10.17	38.74	HWA	**2,400**	**4,100**	**15,000**	**1,200**	5.78		463.0	0.00	-85.9		39			5900	<380	580	11
				9/23/16	9.89	39.01	Kane	**8.1**	**6.6**	**8.1**	**6.6**	6.59		241.0										
				11/1/16	8.31	40.59	Kane	**8.3**	**6.1**	**10**	**11**	6.31	15.3	244.0										
MW-3	Shallow	5 to 20	47.957	3/16/01			ERM	<1.0	<1.0	<1.0	*<1.0*													
				10/26/01			ERM	<1.0	<1.0	<1.0	*<1.0*													
				2/12/02			ERM	<1.0	<1.0	<1.0	*<1.0*													
				10/1/02			Farallon	**0.37**	<0.2	<0.2		5.9		284.0	1.12	30.8								
				4/27/05			Farallon	<0.2	<0.2	<0.2		5.5		275.0	0.96	132								
				8/14/06			Farallon	<0.2	<0.2	<0.2		5.8		307.0	1.95	456								
				5/14/07			Farallon	<1.0	<0.2	<0.2		5.7		264.0	1.75	408								
				11/27/07			Farallon	<1.0	<0.2	<0.2		6.2		330.0	0.76	78								2.47
				8/25/08			Farallon	<0.2	<0.2	<0.2		5.9		172.0	2.88	374		18			<1	<1.2	<1.1	2.58
				4/7/14			DOF	<0.2	<0.2	<0.2	<0.02	6.4		192.0	0.7	-71					2960	<1.2	<1.1	4.17
				10/10/14			DOF	**0.39**	<0.2 U	<0.2 U	<0.02 U	5.7		339.0	0.3	-0.9					1570	<1.2 U	<1.1 U	9.82
				9/23/16	8.26	39.70	Kane	**0.22**	<0.20	<0.20	<0.20	6.10		243.0										
				11/1/16	6.87	41.09	Kane	<0.20	<0.20	<0.20	<0.20	6.00	16.1	305.0										
				7/17/18	7.95	40.01	Kane	<1.00	<0.50	<1.00	<0.20	6.30	17.2	144.0	11.37									
				9/11/18	8.69	39.27	Kane	<1.00	<0.50	<1.00	<0.20	6.20	18.9	118.0	6.23	116.9	<100	19	2.94	<0.100	<0.00863	<0.0162	<0.0151	2.37
				12/5/18	7.93	40.03	Kane	<1.00	<0.50	<1.00	<0.20	5.90	15.3	62.5	38.7	6.94	<100	3.18	2.79	<0.100	<0.00863	<0.0162	<0.0151	2.7
				2/12/19	7.79	40.167	Kane	<1.0	<0.50	<1.0	<0.20	6.03	12	57.5	8.2	141.5	<100	4.16	3	<0.10	<0.00863	<0.0162	<0.0151	2.36
				6/4/19	7.96	39.997	Kane	**0.72**	<0.20	<0.20	<0.20	6.35	15.5	62.1	9.97	3.6	<56	<5.0	3.4	<0.05	<0.001	<0.0005	<0.0005	2.1

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-4	Shallow	10 to 25	45.717	7/13/01			ERM	**9,390**	**58.8 ES**	**86ES**	*<1.0*													
				10/26/01			ERM	**8,960**	**74.7 ES**	**103 ES**	*<1.0*													
				2/12/02			ERM	**11,000**	**93.4 ES**	**133 ES**	*<1.0*			.										
				10/1/02			Farallon	**21,000**	**230**	**400**		6.6		282.0	0.98	101								
				4/28/05			Farallon	**6,700**	**160**	**110**		6.6		305.0	0.83	97.4								
				8/15/06			Farallon	**8,500**	**210**	**250**		5.7		311.0	0.79	504								
				5/14/07			Farallon	**8,600**	**370**	**160**		6.1		319.0	0.64	449								
				11/27/07			Farallon	**5,400**	**220**	**120**		6.8		299.0	1.09	114								
				8/26/08			Farallon	**11,000**	**790**	**270**		6.2		248.0	2.91	159		26			5.5	<1.2	<1.1	1.59
				1/9/09			Farallon	**5,200**	**250**	**180**		6.7		289.0	0.57	25.6		24			51	<5	<5	2.47
				6/11/09			Farallon	**1,600**	**2,000**	**240**		6.3		285.0	0.63	61.7		15			310	<25	<25	2.1
				9/14/09			Farallon	**10,000**	**890**	**510**		6.1		290.0	0.59	167		17			5400	<500	<500	1.8
				5/27/10			Farallon	**5,800**	**310**	**1,200**	*<50*	6.7		255.0	0.32	-32.1								
				9/10/10			Farallon	**4,700**	**310**	**620**	*<20*	7		239.0	0.33	-10.2		19			4200	<500	<500	1.4
				6/10/11			Farallon	**3,300**	**160**	**970**	*<20*	6.8		287.0	0.34	-30.3		19			4100	<500	<500	1.7
				3/21/13			DOF	**1,400**	**140**	**530**	**0.85**	6.8		337.0	1.1	45.6					16400	<1.2	<1.1	5.68
				4/4/14			DOF	**1,500**	**160**	**1,900**	**5.6**	6.8		290.0	0.5	-53					15200	<1.2	<1.1	1.63
				10/10/14			DOF	**2,000**	**140**	**240**	*<1.0 U*	6		306.0	0.1	4.8					14400	<1.2 U	<1.1 U	1.75
				11/11/15	9.28	36.46	HWA	**960**	**120**	**1,100**	*<10*	6.12		342.0	0.00	-54.4		15			3300	<250	<16	1.4
				9/22/16	8.51	37.21	Kane	**380**	**71**	**1,300**	*<10*	6.28		433.0										
				10/31/16	6.91	38.81	Kane	**3,800**	**900**	**7,400**	*<50*	6.52	16.2	364.0										
				9/17/18	8.89	36.83	Kane	**4,060**	**360**	**1,740**	**11.9**	6.59	16.7	312.0	0.09	16.8	977	16.3	15.4	<0.100	3.79	<0.0162	<0.0151	3.94
				11/30/18	7.67	38.05	Kane	**4,370**	**373**	**1,720**	*<10*	6.35	16.2	347.4	0.12	50	604	18.8	16	<0.100	0.721	<0.162	<0.151	3.1
				2/22/19	7.23	38.49	Kane	**4,080**	**343**	**1790**	**9.72**	6.49	13.9	311.5	0.22	19.9	<100	16.2	16.5	<0.10	4.12	<0.0162	<0.0151	1.94
				5/23/19	7.59	38.13	Kane	**5,500**	**370**	**1,100**	**<30**	6.57	19.5	353.5	0.12	27.4	2100	17	16	<0.050	9.5	<0.50	<0.50	2.9
				7/16/19	8.13	37.59	Kane	**3,700**	**590**	**1,400**	**9.1**	6.26	20	354.3	0.06	-69	6,300	15	15	<0.050	5.2	<0.0005	<0.0005	2.3
				10/18/19	8.04	37.68	Kane	**1,900**	**390**	**940**	**7.5**	6.14	20.3	321.2	0.04	15.4	5,400	12	15	<0.050	11	<0.0005	<0.0005	3.7
				1/27/20	7.15	38.57	Kane	**1,600**	**250**	**760**	**6.7**	6.49	18.2	316.4	0.04	23.6	3,300	11	14	<0.050	8.0	<0.00022	<0.00029	2.1
				4/22/20	7.38	38.34	Kane	**1,600**	**210**	**760**	**14**	6.47	17	377.4	0.29	32.9	1,300	12	13	<0.050	8.3	<0.00022	<0.00029	1.6
				7/23/20	8.07	37.65	Kane	**900**	**160**	**570**	**12**	6.24	20.3	378.9	0.2	17.1	3,700	12	12	<0.050	8.7	<0.00022	<0.00029	1.8
MW-5	Shallow	10 to 25	44.297	7/13/01			ERM	**2,650**	**14.5**	**31.1**	*<1.0*													
				10/26/01			ERM	**1,670**	*<100*	*<100*	*<100*													
				2/12/02			ERM	**1,310**	**18.2**	**38.5**	*<1.0*													
				10/1/02			Farallon	**3,900**	**72**	**170**		6.2		185.0	0.84	70.6								
				4/28/05			Farallon	**2,200**	**56**	**76**		5.6		262.0	1.25	150								
				8/15/05			Farallon	**640**	**12**	**20**														
				8/14/06			Farallon	**10,000**	**240**	**270**		5.7		259.0	0.91	470								
				5/14/07			Farallon	**650**	**16**	**23**		5.7		290.0	1.63	448								
				11/27/07			Farallon	**1,300**	**25**	**31**		6		262.0	7.09	128								.
				8/26/08			Farallon	**21,000**	**660**	**630**		6		203.0	3.29	273		32			5.7	<1.2	<1.1	1.95
				5/27/10			Farallon	**6,600**	**400**	**240**	*<50*	6		198.0	0.55	109								
				3/21/13			DOF	**3,100**	**220**	**180**	<0.2	6.4		304.0	0.4	69.8					5940	<1.2	<1.1	3.94
				4/4/14			DOF	**1,300**	**79**	**65**	**0.03**	6.7		257.0	0.1	-35					2570	<1.2	<1.1	1.59
				10/10/14			DOF	**7,600**	**220**	**140**	*<10 U*	5.8		163.0	0.1	13.7					3260	<1.2 U	<1.1 U	1.78
				11/11/15	9.04	35.30	HWA	**2,200**	**93**	**76**	*<20*	5.87		170.0	1.87	29.6		20			3200	<250	<21	<1.0
				9/21/16	8.11	36.19	Kane	**910**	**39**	**35**	*<10*	5.96		170.0										
				10/24/16	6.38	37.92	Kane	**590**	**26**	**29**	*<4.0*	6.22	16.1	291.0										
				9/14/18	8.27	36.03	Kane	**2,220**	**33.9**	**24**	<0.20	5.88	16.4	193.0	0.37	166	<100	17.7	14.6	<0.100	0.303	<0.0162	<0.0151	3.1
				12/3/18	6.29	38.01	Kane	**58.5**	**13.6**	**1.13**	<0.20	6.05	15.1	325.0	0.08	19.5	1,810	15.7	7.48	<0.100	<0.00863	<0.0162	<0.0151	3.79
				6/10/19	6.93	37.37	Kane	**140**	**81**	**280**	**4.1**	6.53	16.4	548.0	0.22	-6.2	20,000	6.6	12.0	1.8	1.6	<0.250	<0.250	3.8

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-6	Shallow	10 to 25	47.142	7/13/01			ERM	**30,000**	**618**	**231 ES**	*<1.0*													
				10/26/01			ERM	**13,500**	*<400*	*<400*	*<400*													
				2/12/02			ERM	**21,800**	**1,110 ES**	**406 ES**	*<1.0*													
				10/1/02			Farallon	**27,000**	**1,100**	**470**		6.6		201.0	0.92	95.2								
				4/27/05			Farallon	**15,000**	**1,100**	**460**		6.2		235.0	3.14	119								
				8/15/05			Farallon	**30,000**	**1,500**	**930**														
				8/14/06			Farallon	**24,000**	**1,100**	**1,500**		5.8		335.0	1.06	483								
				5/14/07			Farallon	**17,000**	**860**	**1,300**		6		296.0	2.18	471								
				11/27/07			Farallon	**22,000**	**940**	**1,300**		6.6		285.0	2.75	149								
				8/26/08			Farallon	**25,000**	**1,200**	**1,200**		6.1		256.0	2.34	273		23			8.2	<1.2	<1.1	3.12
				1/9/09			Farallon	**12,000**	**610**	**440**		6.5		190.0	4.94	115		15			2.9	<0.5	<0.5	2.54
				6/11/09			Farallon	**20,000**	**780**	**710**		6		270.0	1.96	98		20			8	<0.5	<0.5	2.1
				9/14/09			Farallon	**23,000**	**1,200**	**870**		6.3		315.0	0.74	158		23			8.8	<0.5	<0.5	3.1
				2/25/10			Farallon	**17,000**	**730**	**450**	*<100*	6.4		176.0	2.49	170								
				5/27/10			Farallon	**13,000**	**480**	**320**	*<60*	6.6		250.0	0.3	38.1								
				9/10/10			Farallon	**860**	**430**	**8,300**	*<50*	6.6		492.0	0.34	-67.2		<5			64	<6.0	<6.0	19
				6/10/11			Farallon	**460**	**72**	**2,100**	*<20*	6.5		561.0	0.44	-178		<5			490	<50	<50	33
				3/20/13			DOF	**500**	**140**	**9,600**	56 ES	7.3		444.0	0	-144					5790	<1.2	2	12.3
				4/4/14			DOF	**950**	**220**	**240**	**19**	6.8		243.0	0.4	-142					1620	<1.2	<1.1	1.93
				10/10/14			DOF	**73**	**28**	**6,600**	**2,700**	6.6		623.0	0.3	-139					6220	<1.2 U	1200	12.9
				11/11/15	10.23	36.98	HWA	**26**	*<20*	**3,800**	**2,900**	6.37		749.0	0.00	-110.1		<10			3400	<250	850	11
				9/23/16	9.31	37.83	Kane	**240**	**69**	**10,000**	**2,400**	6.81		559.0										
				10/27/16	7.87	39.27	Kane	*<50*	*<50*	**9,500**	**1,900**	6.60	17.5	410.0										
				7/17/18	8.92	38.22	Kane	**27.4**	**14.3**	**4,480**	**851**	6.91	20.3	365.0	0.00									
				9/18/18	9.51	37.63	Kane	**738**	**238**	**2,620**	**472**	6.39	34.8	383.0	0.07	-42.6	6,340	20.1	14.2	0.162	0.666	<0.062	0.0596	9.01
				12/21/18	8.79	38.35	Kane	**2,670**	**1,000**	**2,560**	**25.5**	5.96	49.4	378.0	0.23	-65.4	5,260	8.68	11.2	0.413	0.0808	<0.162	<0.151	14.3
				2/22/19	7.79	39.35	Kane	**1,820**	**568**	**1040**	**14**	6.16	42.6	295.1	0.15	-52	5,800	13	7.69	<0.10	0.706	<0.0162	<0.0151	13.2
				5/22/19	8.46	38.68	Kane	**3,800**	**1,800**	**750**	*<20*	6.14	43.7	407.0	0.04	-70.8	8,800	<5.0	14	0.16	1	0.0012	<0.0005	20
				7/25/19	9.06	38.08	Kane	**3,600**	**1,100**	**490**	**7.4**	6.16	41.5	401.0	0.04	-108.1	9,200	<5.0	14	0.18	0.73	<0.0005	0.019	22
				10/21/19	8.76	38.38	Kane	**74**	**38**	**1,200**	**3.2**	6.08	31.3	562.0	0.04	-74.6	13,000	<5.0	16	0.12	2.3	<0.0005	0.00094	19
				1/22/20	7.77	39.37	Kane	**10**	**5**	**170**	**74**	6.62	20.9	364.9	--	-77.8	12,000	<5.0	10	0.11	4.3	<0.00022	<0.00029	8.4
				4/18/20	8.19	38.95	Kane	**23**	**7.4**	**38**	**50**	6.46	22.1	360.7	0.12	-7.4	1,500	13	6.3	0.1	0.76	<0.00022	0.015	10
				7/20/20	8.28	38.86	Kane	**1.0**	**1.1**	**47**	**58**	6.32	22.7	639.0	0.25	-60.4	38,000	<5.0	12	0.16	10	<0.00022	0.071	49
MW-7	Shallow	10 to 25	45.527	7/13/01			ERM	**10,100**	**35**	**30**	*<1.0*													
				10/26/01			ERM	**4,880**	**15**	**13.8**	*<1.0*													
				2/12/02			ERM	**3,800**	**10.5**	**9.28**	*<1.0*													
				10/1/02			Farallon	**9,600**	*<100*	*<100*		6.7		214.0	0.71	-22.6								
				4/28/05			Farallon	**1,100**	*<10*	<10		6.2		315.0	0.84	126								
				8/15/05			Farallon	**4,900**	**27**	*<20*														
				8/14/06			Farallon	**4,000**	*<40*	*<40*		6.1		303.0	0.82	386								
				5/14/07			Faralion	**320**	**2.7**	<2.0		6.2		352.0	0.54	437								
				11/27/07			Farallon	**1,200**	*<10*	<10		6.9		336.0	0.38	76.6								
				8/26/08			Farallon	**4,300**	**43**	**43**		6.5		240.0	2.74	116		25			42.6	<1.2	<1.1	2.1
				1/8/09			Farallon	**760**	**7.8**	**4.8**		6.7		330.0	0.7	84.3		27			110	<5.0	<5.0	3.6
				6/11/09			Farallon	**2,100**	**34**	**33**		6.5		340.0	0.62	62.3		25			140	<10.0	<10.0	2.3
				9/14/09			Farallon	**6,300**	**120**	**79**		6.3		318.0	0.72	170		24			23	<2.5	<2.5	1.9
				5/27/10			Farallon	**830**	**18**	**14**	*<10*	6.6		289.0	0.63	-22.6								
				9/9/10			Farallon	**5,400**	**110**	**55**	*<50*	6.8		295.0	0.31	-21.4		24			190	<25.0	<25.0	1.7
				6/10/11			Farallon	**810**	**24**	**16**	*<4.0*	6.7		346.0	0.52	-43.5		16			240	<10.0	<10.0	2.4
				3/21/13			DOF	**3,300**	**140**	**240**	**0.28**	7		385.0	0.21	-3.6					741	<1.2	<1.1	6.29
				4/4/14			DOF	**2,100**	**130**	**750**	**2.3**	7.1		329.0	0.6	-47					989	<1.2	<1.1	2.57
				10/11/14			DOF	**6,200**	**380**	**3,400**	**10**	6.3		391.0	0.1	-27					6580	<1.2 U	<1.1 U	2.44
				11/11/15	10.12	35.45	HWA	**950**	**42**	**240**	*<10*	6.32		282.0	0.00	12.5		16			290	<25	<2.0	2.5
				9/21/16	8.92	36.61	Kane	**3,800**	**160**	**1,300**	*<20*	6.32		350.0										
				10/25/16	8.21	37.32	Kane	**450**	**32**	**280**	*<4.0*	6.88	15.7	323.0										
				10/26/16	7.3	38.23	Kane					6.62	14.9	316.0				22		<0.050				2.8
				9/18/18	9.12	36.41	Kane	**1,370**	**78.1**	**673**	**5.85**	6.69	15.8	369.0	0.12	17.3	2,620	37	5.48	<0.100	1.29	<0.0162	<0.0151	3.84
				11/30/18	8.9	36.63	Kane	**2,670**	**305**	**1,440**	*<10*	6.41	15.1	411.3	0.11	30.8	1,620	35	8.5	<0.100	0.197	<0.162	<0.151	4.18
				5/24/19	7.96	37.57	Kane	**1,000**	**84**	**240**	*<10*	6.68	13.6	409.5	0.16	-9.2	3,900	37	6.1	<0.050	0.049	<0.003	<0.003	2.3

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-8	Deep	45 to 50	47.387	10/1/02			Farallon	**51**	**0.98**	**0.88**		7		487.0	0.73	-355								
				4/28/05			Farallon	**6.4**	<0.2	<0.2		6.3		186.0	0.97	104								
				8/15/06			Farallon	**0.44**	<0.2	<0.2		6.2		167.0	2.43	447								
				5/14/07			Farallon	**4.3**	<0.2	<0.2		6.1		145.0	2.89	419								
				11/27/07			Farallon	**2.2**	<0.2	<0.2		6.7		164.0	0.54	80.7								
				5/22/08			Farallon	**79**	**7.2**	**12**		6.2		139.0	5.8	153								
				8/25/08			Farallon	**93**	**4.8**	**4.4**		6.3		118.0	2.1	391		12			<0.7	<1.2	<1.1	<1.5
				3/20/13			DOF	**33**	**1**	**2**	<0.02	6.7		218.0	0.06	10.1					649	<1.2	<1.1	6.04
				4/4/14			DOF	**130**	**37**	**41**	<0.02	6.8		181.0	1	-44					<0.7	<1.2	<1.1	1.98
				10/11/14			DOF	**150**	**37**	**140**	**0.2**	6.2		190.0	0.9	49.1					43.3	<1.2U	<1.1U	1.99
				11/11/15	10.82	36.63	HWA	**180**	**50**	**160**	<1.0	6.06		225.0	0.85	-26.8		13			19	<1.0	0.59	2.2
				9/22/16	9.71	37.68	Kane	**50**	**6.2**	**25**	<0.20	6.33		229.0										
				10/26/16	8.48	38.91	Kane	**5.8**	**1.3**	**3.1**	<0.20	6.43	15	246.0				12		<0.050				1.4
				7/17/18	9.7	37.69	Kane	**8.75**	**1.59**	**4.21**	<0.20	6.81	15.8	173.0	0.32									
				9/17/18	10.33	37.06	Kane	**14.8**	**2.14**	**8.25**	<0.20	6.56	20.1	187.0	0.16	70.9	<100	6.05	7.92	<0.100	0.0246	<0.0162	<0.0151	3.36
				12/20/18	10.05	37.34	Kane	**14.5**	**4.37**	**9.38**	<0.20	6.13	24.1	197.6	0.28	30	<100	4.13	6.53	<0.100	<0.00863	<0.0162	<0.0151	1.66
				2/22/19	8.75	38.64	Kane	**4.98**	**2.9**	**7.33**	<0.20	6.28	28.8	183.2	0.24	65	<100	4.95	7.14	<0.10	0.0173	<0.0162	<0.0151	1.82
				5/22/19	8.99	38.40	Kane	**3.1**	**1**	**1.3**	<0.20	6.3	32.9	212.0	0.16	-8.4	300	5.8	7.8	<0.050	0.036	<0.005	<0.005	2
				7/22/19	9.65	37.74	Kane	**1.9**	**0.48**	**0.53**	<0.020	6.04	34.4	221.5	0.11	54.2	450	7.5	8.4	<0.050	0.14	<0.0005	<0.0005	2.1
				10/21/19	9.54	37.85	Kane	**1.0**	**0.35**	**0.41**	<0.020	6.06	25.8	222.7	0.14	101.3	460	9.6	9.4	<0.050	0.49	<0.0005	<0.0005	2.6
				1/28/20	8.83	38.56	Kane	**4.5**	**1.7**	**1**	<0.020	6.2	18.8	216.5	0.28	65.2	210	12	8	<0.050	0.16	0.00028	<0.00029	2.7
				4/17/20	8.82	38.57	Kane	**0.94**	**0.3**	**0.47**	0.024	6.3	23.1	234.5	0.32	17.9	150	13	6.6	<0.050	0.009	0.00028	<0.00029	2.7
				7/20/20	9.57	37.82	Kane	**0.40**	<0.20	**0.56**	<0.020	6.12	23.3	203.0	0.41	59.5	110	12	5.5	<0.050	0.026	<0.00022	<0.00029	2.4
MW-9	Deep *Decomissioned*	45 to 50	49.857	10/1/02			Farallon	**250**	<2.0	<2.0		7.3		373.0	0.91	-197								
				4/27/05			Farallon	**53,000**	*<100*	*<100*		6.9		246.0	1.02	78.7								
				8/15/05			Farallon	**140,000**	*<200*	*<200*														
				11/27/07			Farallon	**13,000**	*<100*	*<100*		7.5		117.0	7.5	148								
				5/22/08			Farallon	**8,800**	*<50*	*<50*		7.4		191.0	1.1	68.9								
				8/26/08			Farallon	**6,000**	**3,400**	*<50*		7.2		166.0	1.2	102		<5			982	<1.2	<1.1	1.65
				1/9/09			Farallon	**160,000**	*<1,000*	*<1,000*		7.5		213.0	1.4	78.9		<5			530	<50	<50	1.79
				6/11/09			Farallon	**43,000**	*<300*	*<300*		6.6		98.0	7.7	83.3		<5			84	<5	<0.5	<1.0
				9/14/09			Farallon	**21,000**	*<200*	*<200*		6.7		139.0	3.01	167		<5			2.2	<0.5	<0.5	1.4
				2/25/10			Farallon	**16,000**	*<100*	*<100*	*<100*	7.5		63.0	5.97	148								
				9/10/10			Farallon	**6,500**	**36**	*<30*	*<30*	7.7		147.0	2.91	-63.7		<5			4.3	<0.5	<0.5	<1.0
				6/10/11			Farallon	**21,000**	*<200*	*<200*	*<200*	7.6		218.0	0.39	63.2		<5			1400	<100	<100	1.3
				3/20/13			DOF	**DNAPL**	**DNAPL**	**DNAPL**	**DNAPL**													
				4/7/14			DOF	**15,000**	**46**	**22**	<0.02	7		194.0	0.4	-98					2200	<1.2	<1.1	1.89
				10/11/14			DOF	**3,300**	**96**	**54**	*<2.0 U*	6.5		168.0	0.1	-38					757	<1.2 U	<1.1 U	1.63
				11/11/15	11.9	38.00	HWA	**890**	**560**	**680**	*<10*	5.90		139.0	0.00	45.6		<5.0			190	<15	6.1	<1.0
				9/22/16	11.2	38.66	Kane	**53,000**	*<500*	*<500*	*<500*	7.41		222.0										
				10/26/16	9.71	40.15	Kane	**42,000**	*<300*	*<300*	*<300*	7.54	14.8	254.0				3,300		0.44				<1.0
MW-10	Shallow *Decomissioned*	5 to 25		4/27/05			Farallon	**3**	<0.2	<0.2														
MW-10R	Shallow *Decomissioned*	15 to 25	49.392	9/19/16	9.98	39.41	Kane	**1.6**	<0.20	<0.20	<0.20	6.61		188.0										
				11/1/16	8.34	41.05	Kane	**1.3**	<0.20	<0.20	<0.20	6.78	15.4	212.0										
MW-11	Intermediate	25 to 33	47.207	11/28/07			Farallon	**28**	**0.26**	<0.2		6.6		176.0	1.26	165								
				5/22/08			Farallon	**23**	**0.24**	<0.2		6.2		174.0	0.84	132								
				8/25/08			Farallon	**27**	**0.53**	<0.2		6.3		142.0	1.46	238		18			29.8	<1.2	<1.1	1.71
				3/20/13			DOF	**5.6**	**0.2**	**0.26**	<0.02	6.6		296.0	0.1	-50.6					5770	<1.2	<1.1	6.53
				4/4/14			DOF	**5.6**	<0.2	<0.2	<0.02	6.8		298.0	0.2	-107					3500	<1.2	<1.1	2.61
				10/11/14			DOF	**4.8**	0.18 J	0.13 J	<0.02 U	6.1		371.0	0.4	16.8					2150	<1.2 U	<1.1 U	2.72
				11/11/15	10.34	36.91	HWA	**4.1**	**0.4**	<0.20	<0.20	6.28		594.0	0.67	-82.8		18			840	<50	<7.0	4.5
				9/23/16	9.42	37.79	Kane	**9.9**	<0.20	**0.42**	<0.20	6.29		408.0										
				10/26/16	7.98	39.23	Kane	**2.0**	<0.20	<0.20	<0.20	6.38	16.5	376.0				24		<0.050				4.2
				7/17/18	9.02	38.19	Kane	**11.2**	**2.12**	**3.73**	<0.20	6.58	20.4	295.0	0.16									
				9/17/18	9.82	37.39	Kane	**35.8**	**29.6**	**27.6**	<0.20	6.24	34.8	357.0	0.06	-4.5	1,140	42.5	22.9	<0.100	0.158	<0.0162	<0.0151	9.07
				12/20/18	8.56	38.65	Kane	**41**	**11.5**	**4.92**	<0.20	5.72	45.7	287.0	0.16	14.3	611	37.4	13.5	<0.100	0.109	<0.162	<0.151	8.99
				2/21/19	7.9	39.31	Kane	**16.9**	**14.6**	**9.58**	<0.20	5.96	47.2	316.3	0.16	-70	1,240	10.3	14.4	<0.10	0.87	<0.0162	<0.0151	23.7
				5/22/19	8.48	38.73	Kane	**75**	**69**	**14**	*<0.40*	6.13	45.7	468.0	0.04	-18	810	13	13	<0.050	0.49	<0.0005	<0.0005	27
				7/25/19	9.12	38.09	Kane	**39**	**41**	**7.7**	**0.34**	6.2	40.8	407.0	0.04	-43.8	660	10	11	0.068	1.1	<0.0005	<0.0005	26
				10/21/19	8.92	38.29	Kane	**3.5**	**3.8**	**220**	**1.5**	6.33	27.8	522.0	0.08	-59.4	1,500	<5.0	15	<0.050	1	<0.0005	<0.0005	34
				1/22/20	8.09	39.12	Kane	**2.5**	**2.7**	**230**	**70**	6.66	20.4	388.6	1.1	-35.1	4,500	<5.0	12	1.3	2	<0.00022	<0.00029	11
				4/17/20	8.49	38.71	Kane	**8.0**	**20**	**130**	**140**	6.79	22.5	515.3	0.2	-15.1	580	62	8.9	0.25	0.062	<0.00022	0.0068	17
				7/20/20	8.74	38.47	Kane	<0.20	<0.20	**1.1**	**18**	6.34	23.1	729.0	0.17	-38.7	6,900	<5.0	12	0.28	15	<0.00022	0.05	92

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-12	Intermediate	25 to 33	45.467	11/28/07			Farallon	**2,300**	**30**	**39**		6.9		326.0	1.48	165								
				5/22/08			Farallon	**2,800**	**53**	**61**		6.5		277.0	1.51	132								2.02
				8/26/08			Farallon	**1,600**	*<10*	<10		6.3		227.0	2.12	4.6		19			<0.7	<1.2	<1.1	5.04
				1/8/09			Farallon	**3,200**	**88**	**44**		6.5		309.0	0.77	70		22			16	<1.0	<1.0	3.11
				6/11/09			Farailon	**2,500**	**53**	**29**		6.2		293.0	0.62	75.4		22			30	<3.0	<3.0	1.7
				9/14/09			Farallon	**700**	**5.1**	<4		6.2		263.0	0.77	168		20			4.8	<0.5	<0.5	2.4
				5/27/10			Farallon	**2,800**	**240**	**80**	*<20*	6.5		265.0	0.32	8.7								
				9/9/10			Farailon	**1,500**	**22**	*<20*	*<20*	6.8		226.0	0.32	9.5		15			490	<50	<50	1.1
				6/10/11			Farallon	**5,800**	**270**	**180**	*<30*	6.5		348.0	0.49	-14.6		19			1000	<100	<100	2.5
				3/20/13			DOF	**4,800**	**210**	**920**	**1.6**	6.8		392.0	0.05	-18.8					12900	<1.2	<1.1	7.97
				4/4/14			DOF	**5,900**	**240**	**730**	**2.1**	6.9		327.0	0.1	-52					12300	<1.2	<1.1	2.88
				10/10/14			DOF	**4,100**	**390**	**150**	*<2.0 U*	6.2		360.0	0.2	-25.6					12800	<1.2 U	<1.1 U	2.82
				11/11/15	9.61	35.93	HWA	**2,900**	**180**	**1,100**	<0.20	6.26		397.0	0.00	11		16			3000	<150	<18	2.2
				9/22/16	8.89	36.58	Kane	**1,100**	**140**	**730**	*<10*	6.37		410.0										
				10/26/16	7.26	38.21	Kane	**1,300**	**230**	**1,600**	*<20*	6.56	15.6	369.0				13		<0.050				2.1
				7/20/18	8.44	37.03	Kane	**4,110**	**351**	**2,110**	**14.3**	6.45	14.8	162.0	0.66									
				9/10/18	9.14	36.33	Kane	**3,460**	**231**	**1,460**	**11.1**	6.46	15.3	343.0	0.14	71.8	834	19.9	12.5	<0.100	4.12	<0.0162	<0.0151	5.72
				11/30/18	8.59	36.88	Kane	**2,340**	**194**	**669**	*<4.0*	6.16	15.1	533.8	0.11	84.5	2,330	14	46.2	<0.100	0.727	<0.162	<0.151	3.9
				5/24/19	7.92	37.55	Kane	**5,400**	**400**	**780**	*<30*	6.25	14.1	383.9	0.30	-89.5	530	24	9.5	<0.050	3.7	<0.250	<0.250	2.5
				7/22/19	8.4	37.07	Kane	**910**	**240**	**630**	**6.2**	6.12	18.6	672.0	0.05	-341	3,400	18	42	<0.050	3.2	<0.0005	<0.0005	2.8
				10/18/19	9.07	36.40	Kane	**360**	**68**	**240**	**0.84**	5.85	16.2	361.6	0.12	40	6,000	14	36	<0.050	3.3	<0.0005	<0.0005	2.1
				1/27/20	7.8	37.67	Kane	**260**	**120**	**450**	**1.9**	6.28	15.5	459.0	0.31	38.2	6,100	12	32	<0.050	2.4	<0.00022	<0.00029	2.3
				4/21/20	7.64	37.83	Kane	**330**	**84**	**52**	**0.82**	6.26	16.1	472.9	0.18	27.5	5,100	21	30	<0.050	3.6	<0.00022	<0.00029	2.9
				7/22/20	6.45	39.02	Kane	**250**	**93**	**85**	**2.7**	6.16	19.1	488.0	0.19	31.4	6,500	29	19	<0.050	7.5	<0.00022	<0.00029	3.3
MW-13	Deep *Damaged*	40 to 55	48.777	11/28/07			Farallon	<1.0	<0.2	<0.2		7.10		152.0	1.35	151								
MW-14	Intermediate *Decomissioned*	22 to 32	49.157	11/28/07			Farallon	<0.2	<0.2	<0.2		7.0		146.0	4.0	160								
				11/11/15	10.23	38.96	HWA	<0.20	<0.20	<0.20	<0.20	5.56		395.0	0.00	-99		<10			11000	<500	<55	13
				9/21/16	9.53	39.63	Kane	**0.91**	<0.20	<0.20	<0.20	6.08		243.0										
				11/1/16	8.29	40.87	Kane	<0.20	<0.20	<0.20	<0.20	5.96	15.6	307.0										
MW-15	Intermediate *Decomissioned*	22 to 32		11/28/07			Farallon	<0.2	<0.2	<0.2		6.8		157.0	4.0	170								
MW-16	Deep *Decomissioned*	40 to 55		11/28/07			Farallon	**10**	<0.2	<0.2		7.9		124.0	6.9	130								
MW-17	Deep *Damaged*	40 to 50	48.947	11/28/07			Farallon	**6.5**	<0.2	<0.2		7.7		188.0	0.49	141								
MW-18	Intermediate *Decomissioned*	22 to 30	48.747	11/28/07			Farallon	**270**	<2.0	<2.0		7.2		266.0	0.83	158								
				5/22/08			Farallon	<0.25	<0.25	<0.25														
				4/4/14			DOF	**2.4**	**1.2**	**14**	**3.3**	6.1		493.0	0.3	-111					16700	<1.2	<1.1	48.5
				10/11/14			DOF	**0.49**	<0.2 U	**3.6**	**1.3**	5.9		449.0	0.4	-6.6					13300	<1.2 U	<1.1 U	29.8
				9/23/16	9.65	39.10	Kane	**7.8**	<0.20	**1.3**	**0.26**	6.02		238.0										
				10/27/16	8.11	40.64	Kane	<0.20	<0.20	**2.0**	**0.47**	5.90	15.8	256.0										
MW-19	Shallow *Decomissioned*	9 to 19	47.517	11/16/15	9.31	38.26	HWA	**8,200**	**70**	**76**	*<50*	6.34		638.0	3.75	49.2		31			74	<15	2.2	7.9
				9/21/16	9.20	38.32	Kane	**1,800**	**84**	**490**	**34**	6.34		313.0										
				10/25/16	8.02	39.50	Kane	**5,700**	**140**	**860**	**61**	6.70	17.8	296.0										

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Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-20	Intermediate	25 to 30	46.857	11/16/15	9.20	37.70	HWA	**900**	**60**	**37**	**17**	6.17		557.0	0.00	-73		22			1800	<125	9.4	2.7
				9/21/16	9.02	37.84	Kane	**190**	**45**	**120**	**9.0**	6.66		340.0										
				10/26/16	7.73	39.13	Kane	**140**	**44**	**120**	**17**	6.44	16.4	348.0				43		0.21				4.3
				12/20/18	7.5	39.36	Kane	**32**	**879**	**552**	**2.23**	5.72	-	263.9	0.05	-4.4	3,140	2.56	8.88	1.54	0.0446	<0.0162	<0.0151	95.4
				3/14/19	7.55	39.31	Kane	<0.841	**136**	**163**	*<2.0*	6	-	219.3	0.2	68.3	1,460	0.348	7.8	1.07	0.0463	<0.0162	<0.0151	45.3
				6/6/19	8.03	38.83	Kane	**0.43**	**51**	**31**	*<0.40*	6.45	55.6	218.1	0.08	4.4	950	<5.0	7.4	0.75	0.51	<0.05	<0.05	16
				7/25/19	8.64	38.22	Kane	**0.82**	**36**	**27**	**0.052**	6.36	52.5	210.2	0.13	-82	800	<5.0	6.4	0.89	0.67	<0.0005	<0.0005	8
				10/22/19	8.47	38.39	Kane	**0.46**	**19**	**68**	**0.15**	6.32	36.6	375.7	0.07	-47.2	1,200	<5.0	13	0.81	3.1	<0.0005	<0.0005	9.8
				1/28/20	7.66	39.20	Kane	<1.0	<1.0	**190**	**46**	6.87	26.7	483.0	0.13	-452	910	<5.0	14	0.65	13	<0.00022	<0.00029	13
				4/21/20	8.44	38.41	Kane	**0.23**	<1.0	**0.34**	**18**	6.89	23.1	704.0	0.18	6.3	2,300	<5.0	13	0.59	13	<0.00022	0.041	25
				7/27/20	8.45	38.41	Kane	<0.20	<0.20	<0.20	**4.0**	-	23.9	925.0	0.17	-55.3	1,800	<5.0	13	0.62	17	<0.00022	0.028	9.3
MW-21	Shallow	10 to 15	45.717	11/16/15	9.41	35.58	HWA	**21,000**	**440**	**350**	*<100*	7.38		1579.0	8.60	-18		96			310	<25	2.6	3.3
				9/22/16	9.05	36.67	Kane	**27,000**	**540**	**360**	*<200*	6.56		355.0										
				10/31/16	6.97	38.75	Kane	**8,400**	**210**	**190**	*<50*	6.32	17.7	319.0										
				9/10/18	9.31	36.41	Kane	**410**	**12**	**9**	<0.20	6.22	18.1	280.0	2.40	93.5	<100	20	11.9	<0.100	0.0299	<0.0162	<0.0151	3.78
				12/3/18	7.23	38.49	Kane	**122**	**1.67**	<1.00	<0.20	5.85	15.9	272.7	2.97	75.7	<100	12.9	4.61	<0.100	<0.00863	<0.0162	<0.0151	4.03
				5/24/19	7.69	38.03	Kane	**82**	**1.40**	**0.5**	*<0.40*	6.08	14.3	248.0	3.51	2.7	<56	12	3.7	<0.050	0.0026	<0.0005	<0.0005	<1.0
MW-22	Deep	54 to 59	44.957	11/16/15	8.91	36.84	HWA	**69**	**2.8**	**2.0**	*<0.40*	7.30		296.0	0.00	-52.2		<5.0			1400	<250	<9.0	1.5
				9/22/16	8.41	36.55	Kane	**11**	<0.20	**1.5**	<0.20	7.42		236.0										
				10/26/16	7.16	37.80	Kane	**2.1**	<0.20	**2.2**	<0.20	7.63	14.7	262.0				<5.0		0.24				1.2
				7/16/18	8.27	36.69	Kane	<1.00	<0.50	**1.6**	<0.20	7.87	15.4	214.0	0.00									
				9/19/18	8.85	36.11	Kane	<1.00	<0.50	**1.22**	<0.20	7.54	15.2	251.0	0.45	33.9	<100	0.932	6.65	0.392	0.654	<0.0162	<0.0151	2.37
				12/3/18	8.63	36.33	Kane	<1.00	<0.50	**1.11**	<0.20	7.22	14.3	267.8	0.07	-16	<100	0.533	6.66	0.291	0.0695	<0.0324	<0.0303	2.26
				6/20/19	7.91	37.05	Kane	**0.43**	<0.20	**0.87**	<0.20	7.31	15.1	233.0	0.27	-106.6	250	<5.0	3.9	0.3	0.001	<0.0005	<0.0005	1.3
MW-23	Shallow	6 to 16	48.027	9/20/16	8.92	39.11	Kane	**0.46**	<0.20	<0.20	<0.20	5.91		123.0										
				11/1/16	7.29	40.74	Kane	**2.2**	<0.20	<0.20	<0.20	6.19	15.0	128.0										
				9/19/18	9.04	38.99	Kane	<1.00	<0.50	<1.00	<0.20	6.16	16.2	94.0	0.87	54.7	<100	8.86	2.79	<0.100	1.04	<0.0162	<0.0151	2.74
				12/5/18	8.70	39.33	Kane	**1.05**	<0.50	<1.00	<0.20	5.65	14.4	112.4	1.24	49.8	124	10.3	2.16	<0.100	0.0854	<0.0162	<0.0151	2.4
				2/12/19	8.18	39.85	Kane	**2.11**	<0.50	<1.0	<0.20	5.34	11.6	75.1	5.16	128.7	<100	6.02	1.46	<0.10	<0.00863	<0.0162	<0.0151	1.17
				6/4/19	8.57	39.46	Kane	**0.94**	<0.20	<0.20	<0.20	6.13	14.9	113.4	0.87	19.1	720	6.7	3.3	<0.050	0.14	<0.0075	<0.0075	1.6
MW-24	Deep	44 to 54	48.962	11/1/16	8.89	40.07	Kane	**9.0**	<0.20	<0.20	<0.20	8.44	14.7	225.0										
MW-25	Shallow	7.5 to 17.5	46.207	9/20/16	9.22	36.99	Kane	**4,200**	*<20.0*	*<20.0*	*<20.0*	6.56		324.0										
	Decomissioned			10/25/16	7.75	38.46	Kane	**99**	**7.4**	**10**	*<1.0*	6.58	17.3	184.0										
MW-26	Intermediate	25 to 35	46.047	9/20/16	9.04	37.01	Kane	**13**	**0.29**	**5.3**	<0.20	6.48		379.0										
	Decomissioned			10/31/16	7.65	38.40	Kane	**310**	**2.6**	<2.0	*<2.0*	6.59	16	364.0										
MW-27	Shallow	6 to 16	48.177	9/15/16	10.43	37.75	Kane	**120**	<1.0	<1.0	*<1.0*	6.31		87.0										
				10/31/16	8.22	39.96	Kane	**120**	<0.40	<0.40	*<0.40*	5.95	16.4	63.0										
				7/19/18	10.40	37.78	Kane	**138**	<0.50	<1.00	<0.20	5.89	15.2	126.0	17.18									
				9/14/18	10.98	37.20	Kane	**106**	<0.50	<1.00	<0.20	5.64	16.4	128.0	8.48	49.4	<100	38	1.07	<0.100	<0.00863	<0.0162	<0.0151	2.15
				12/12/18	10.09	38.09	Kane	**169**	**0.712**	<1.00	<0.20	5.17	14.5	133.3	7.04	48.3	<100	34.9	2.67	<0.100	<0.00863	<0.0162	<0.0151	0.793
				5/24/19	9.65	38.53	Kane	**110**	<1.0	<1.0	*<1.0*	5.73	13.1	131.9	8.54	41.5	<56	24	4.7	<0.050	<0.001	<0.0005	<0.0005	<1.0
				7/16/19	10.39	37.79	Kane	**91**	<0.40	<0.40	<0.040	4.53	16.3	120.9	6.39	155.7	<56	23	3.6	<0.050	<0.001	<0.0005	<0.0005	<1.0
				10/18/19	10.05	38.13	Kane	**130**	<1.0	<1.0	<0.10	5.20	16	97.3	7.17	243.9	<56	24	4.5	<0.050	<0.001	<0.0005	<0.0005	8.7
				1/29/20	8.22	39.96	Kane	**90**	**1.2**	**1.50**	<0.040	5.01	12.2	134.2	6.26	166.3	180	17	5.2	<0.050	<0.00055	<0.00022	<0.00029	1.3
				4/16/20	8.87	39.31	Kane	**75**	**0.51**	**0.89**	<0.040	5.47	14.6	139.6	3.53	59.6	91	17	<2.0	<0.050	<0.00055	<0.00022	<0.00029	<1.0
				7/27/20	9.95	38.23	Kane	**60**	<0.40	<0.40	<0.040	5.20	17.1	147.1	3.75	105.3	74	21	<2.0	<0.050	<0.00055	<0.00022	<0.00029	1.2
MW-28	Intermediate	25 to 35	48.187	9/15/16	10.39	37.80	Kane	<0.20	<0.20	<0.20	<0.20	6.22		157.0										
				11/1/16	8.8	39.39	Kane	<0.20	<0.20	<0.20	<0.20	5.97	15.2	105.0										
				7/19/18	10.48	37.71	Kane	<1.00	<0.50	<1.00	<0.20	6.32	14.2	122.0	3.12									
				9/14/18	10.6	37.59	Kane	<1.00	<0.50	<1.00	<0.20	6.12	14.6	127.0	2.01	62.4	<100	8.42	7.43	<0.100	<0.00863	<0.0162	<0.0151	2.44
				12/12/18	10.01	38.18	Kane	<1.00	<0.50	<1.00	<0.20	5.70	13.9	130.1	1.78	48.7	<100	11.8	8.06	<0.100	<0.00863	<0.0162	<0.0151	0.69
				2/19/19	9.07	39.12	Kane	<1.0	<0.50	<1.0	<0.20	5.73	13.0	108.6	2.56	202.9	<100	8.78	5.65	<0.10	<0.00863	<0.0162	<0.0151	0.618
				5/24/19	9.85	38.34	Kane	<0.20	<0.20	<0.20	<0.20	5.54	13.6	116.0	1.8	-74.6	<56	9.5	6.2	<0.050	0.0096	<0.0005	<0.0005	<1.0
MW-29	Deep	45 to 55	48.242	9/15/16	10.5	37.74	Kane	<0.20	<0.20	<0.20	<0.20	7.33		254.0										
				10/27/16	9.01	39.23	Kane	**0.44**	<0.20	<0.20	<0.20	7.06	14.5	252.0										
				7/17/18	10.32	37.92	Kane	<1.00	<0.50	<1.00	<0.20	7.57	14.4	236.0	0.00									
				9/14/18	10.73	37.51	Kane	<1.00	<0.50	<1.00	<0.20	7.31	14.5	262.0	0.08	19.3	191	8.37	7.17	0.255	0.0242	<0.0162	<0.0151	4.32
				12/12/18	10.25	37.99	Kane	**1.06**	<0.50	<1.00	<0.20	7.05	13.8	276.8	0.15	-16.7	<100	6.72	5.32	0.243	0.04	<0.0162	<0.0151	3.02
				6/4/19	10.08	38.16	Kane	**0.26**	<0.20	<0.20	<0.20	7.40	16.3	265.3	0.25	15	450	<5.0	26	0.25	0.32	<0.015	<0.015	2.2
				7/16/19	10.61	37.63	Kane	<0.20	<0.20	<0.20	<0.020	6.88	16.2	274.4	0.11	-106.2	460	<5.0	5.2	0.3	0.35	<0.0005	<0.00050	2.1
				10/18/19	10.48	37.76	Kane	<0.20	<0.20	<0.20	<0.020	6.99	14.5	207.7	0.11	7.4	610	<5.0	6.4	0.29	0.39	<0.0005	<0.0005	2.2
				1/29/20	9.61	38.63	Kane	<0.20	<0.20	<0.20	<0.020	7.29	13.7	249.5	0.04	-82	570	<5.0	6.3	0.24	0.36	<0.00022	<0.00029	1.9
				4/16/20	9.71	32.53	Kane	<0.20	<0.20	<0.20	<0.020	7.23	16.2	312.9	0.31	-11.6	1,100	<5.0	5.5	0.25	0.093	<0.00022	<0.00029	2.0
				8/10/20	10.54	37.70	Kane	**1.9**	<0.20	<0.20	<0.020	6.28	17.5	236.5	0.14	176.4	390	5.1	5.5	0.29	0.17	<0.00022	<0.00029	2.0
MW-30	Shallow	9 to 19	48.142	9/20/16	8.81	39.33	Kane	**92,000**	*<500*	*<500*	*<500*	6.65		241.0										
	Decommissioned			10/26/16	7.33	40.81	Kane	**130,000**	*<1,000*	**1,300**	*<1,000*	6.40	15.7	619.0				120		0.15				26
MW-31	Deep	40 to 50	47.817	9/20/16	9.81	38.01	Kane	**11**	**0.25**	<0.20	<0.20	6.80		244.0										
	Decommissioned			10/28/16	8.25	39.57	Kane	**7.8**	**0.22**	<0.20	<0.20	6.79		250.0										
MW-32	Deep	45 to 55	45.952	9/19/16	8.94	37.01	Kane	**950**	**7.7**	<4.0	*<4.0*	7.57		285.0										
	Decommissioned			10/27/16	7.51	38.44	Kane	**1,200**	<10	<10	*<10*	7.65	14.8	276.0										

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-33	Deep	40 to 50	49.547	9/16/16	10.61	38.94	Kane	<0.20	<0.20	<0.20	<0.20	6.38		258.0										
				10/27/16	9.19	40.36	Kane	**0.34**	<0.20	<0.20	<0.20	6.37	15.0	221.0										
				12/5/18	10.4	39.15	Kane	<1.00	<0.50	<1.00	<0.20	6.13	18.1	174.3	0.07	43.5	<100	10.6	6.74	<0.100	<0.00863	<0.0162	<0.0151	3.01
				2/19/19	9.17	40.38	Kane	<1.0	<0.50	<1.0	<0.20	6.35	15.1	164.3	0.18	204.8	<100	11.5	6.45	<0.10	<0.00863	<0.0162	<0.0151	1.44
				6/4/19	10.56	38.99	Kane	<0.20	<0.20	<0.20	<0.20	6.42	16.1	196.6	0.19	31.6	<56	13	6.6	<0.050	0.0012	<0.0005	<0.0005	1.5
MW-34	Deep	40 to 50	46.597	9/16/16	9.19	37.41	Kane	**20**	**1.5**	**12**	**0.29**	6.33		271.0										
				10/27/16	7.75	38.85	Kane	**6.6**	**0.54**	**2.4**	<0.20	6.21	15.6	254.0										
				7/16/18	8.82	37.78	Kane	<1.00	<0.50	<1.00	<0.20	6.53	15.5	240.0	0.00									
				9/18/18	9.45	37.15	Kane	<1.00	<0.50	<1.00	<0.20	6.37	17.6	255.0	0.18	66.2	724	11.5	30.5	<0.100	0.0497	<0.0162	<0.0151	2.92
				12/11/18	8.5	38.10	Kane	<1.00	<0.50	<1.00	<0.20	5.92	22.9	284.6	0.09	44.3	561	13.5	39	<0.100	0.0103	<0.0162	<0.0151	1.2
				2/21/19	7.59	39.01	Kane	**1.29**	<0.50	**1.52**	<0.20	5.95	27.5	255.8	0.22	91.9	367	14.6	32.7	<0.10	0.0274	<0.0162	<0.0151	10.49
				6/3/19	8.28	38.32	Kane	**1.3**	<0.20	**3.2**	<0.20	6.16	32.4	263.9	0.19	18.6	440	15	29	<0.050	0.14	<0.0075	<0.0075	1.8
MW-35	Deep	48 to 58	44.247	9/16/16	8.19	36.06	Kane	**2.1**	<0.20	<0.20	<0.20	6.92		230.0										
				10/27/16	6.65	37.60	Kane	**1.4**	<0.20	<0.20	<0.20	6.92	14.4	235.0										
				7/16/18	7.74	36.51	Kane	<1.00	<0.50	<1.00	<0.20	7.35	15.0	217.0	0.13									
				9/10/18	8.45	35.80	Kane	<1.00	<0.50	<1.00	<0.20	7.08	15.1	244.0	0.25	21.8	1,130	2.94	8.11	0.244	0.323	<0.0162	<0.0151	3.3
				12/11/18	7.53	39.07	Kane	<1.00	<0.50	<1.00	<0.20	6.66	14.1	269.9	0.10	5.6	942	7.13	13.1	0.22	0.111	<0.0162	<0.0151	2.09
				6/3/19	7.41	36.84	Kane	**0.66**	<0.20	<0.20	<0.20	6.45	14.8	221.6	1.66	19.3	1,900	5.4	12	0.15	0.15	<0.0075	<0.0075	1.6
				7/25/19	7.92	36.33	Kane	<0.20	<0.20	<0.20	<0.020	6.31	18.2	590.0	0.08	-224	2,700	5.2	12	0.23	0.21	<0.0005	<0.0005	1.9
				10/18/19	7.97	36.28	Kane	**4.0**	<0.20	**0.44**	<0.020	5.76	15.1	166.7	0.15	83.2	<56	14	14	<0.050	0.0016	<0.0005	<0.0005	<1.0
				1/28/20	7.13	37.12	Kane	**0.49**	<0.20	<0.20	**0.040**	6.86	13.8	215.9	0.05	-29.1	2,700	<5.0	6.6	0.15	0.39	<0.00022	<0.00029	1.9
				4/22/20	7.68	36.57	Kane	**2.10**	<0.20	<0.20	<0.20	6.20	13.9	241.3	0.31	29.3	<56	14	14	<0.050	0.043	<0.00022	<0.00029	1.1
				7/23/20	8.81	35.44	Kane	**0.23**	<0.20	<0.20	**0.022**	6.54	16.9	276.5	0.22	17	2,700	<5.0	7.9	0.19	0.36	<0.00022	<0.00029	2.1
MW-36	Intermediate *Decommissioned*	25 to 35	47.327	9/19/16	8.68	38.65	Kane	**2.5**	<0.20	<0.20	<0.20	6.56		257.0										
				11/1/16	7.31	40.02	Kane	**7.3**	<0.20	<0.20	<0.20	6.60	15.1	264.0										
MW-37	Shallow *Decommissioned*	15 to 25	47.557	9/19/16	9.81	37.75	Kane	**0.7**	<0.20	<0.20	<0.20	6.40		272.0										
				11/1/16	7.53	40.03	Kane	**0.74**	<0.20	<0.20	<0.20	6.54	14.9	247.0										
MW-38	Deep *Decommissioned*	40 to 50	47.187	9/19/16	10.44	36.75	Kane	**1.3**	<0.20	<0.20	<0.20	6.89		271.0										
				10/28/16	7.66	39.53	Kane	**0.26**	<0.20	<0.20	<0.20	6.78		266.0										
MW-39	Deep	40 to 50	44.524	10/25/16	6.20	38.32	Kane	**95**	<0.40	<0.40	*<0.40*	7.11	16.5	279.0										
				7/25/18	7.15	37.37	Kane	<1.00	<0.50	**1.03**	<0.20	7.11	17.2	190.0	0.00									
				12/17/18	6.33	38.19	Kane	**2.32**	**2.62**	**6.81**	<0.20	6.39	24.1	225.4	0.15	-3.5	4,580	2.13	3.45	0.563	0.364	<0.0162	<0.0151	3.36
				3/13/19	6.32	38.20	Kane	<1.00	<1.00	**1.99**	<0.20	6.08	26.6	63.3	1.33	82.2	4,380	<0.300	3.76	0.445	0.552	<0.0162	<0.0151	4.15
				5/29/19	6.49	38.03	Kane	**0.33**	**0.34**	<0.20	<0.20	6.61	28.4	219.2	0.14	1.8	4,500	<5.0	4.3	0.48	1.1	<0.10	<0.10	3.3
				7/23/19	7.02	37.50	Kane	**0.52**	**0.63**	**1.3**	<0.020	6.33	28.2	215.5	0.25	-96.6	4,300	<5.0	4.3	0.44	1	<0.0005	<0.0005	2.9
				10/24/19	6.94	37.58	Kane	**0.52**	**0.52**	**1.6**	<0.020	6.1	26.2	250.0	0.24	19.8	4,600	<5.0	4.5	0.48	0.91	<0.0005	<0.0005	3.1
				1/28/20	5.53	38.99	Kane	<0.20	<0.20	**1.8**	<0.020	6.5	20.2	272.1	0.21	57.1	5,000	<5.0	4.8	0.53	0.67	<0.00022	<0.00029	3.2
				4/27/20	6.17	38.35	Kane	**3.1**	**2.2**	**8.9**	**0.024**	6.43	21.2	236.2	4.4	48.5	440	<5.0	4.3	<0.050	0.0011	<0.00022	<0.00029	2.1
				7/29/20	6.92	37.60	Kane	<0.20	0.2	**0.77**	**0.042**	6.49	22.5	335.3	0.13	-30	5,500	<5.0	4.9	0.64	0.68	<0.00022	<0.00029	3.6
MW-40	Shallow	15 to 25	44.521	10/25/16	8.21	36.31	Kane	**25,000**	*<100*	*<100*	*<100*	6.69	16.5	321.0										
				11/2/16	6.3	38.22	Kane	**11,000**	*<100*	*<100*	*<100*	6.73	14.9	229.0										
				7/25/18	7	37.52	Kane	**5,460**	**55.6**	**9.5**	<0.20	7.24	20.4	320.0	0.13									
				12/17/18	6.28	38.24	Kane	**212**	**46**	**56.7**	<0.20	6.43	34.3	69.2	2.39	52.6	<100	1.55	0.586	<0.100	<0.00863	<0.0162	<0.0151	1.11
				3/13/19	6.29	38.23	Kane	**213**	**146**	**746**	<0.20	6.08	29.5	63.3	1.33	82.2	<100	0.819	2.08	<0.10	0.00959	<0.0162	<0.0151	2.03
				5/29/19	6.49	38.03	Kane	**560**	**600**	**4,300**	*<20*	6.41	30.7	268.1	0.23	3.8	7,600	<5.0	11	0.35	0.47	0.011	<0.025	11
				7/23/19	7	37.52	Kane	**530**	**380**	**4,700**	**11**	6.29	30.5	319.8	0.05	-112.4	19,000	<5.0	12	0.39	0.49	0.0082	<0.0005	12
				10/25/19	6.82	37.70	Kane	**65**	**84**	**1,500**	**1.6**	5.82	23.7	163.6	0.06	35.6	4,600	<5.0	4.9	0.14	0.51	<0.0005	0.0016	13
				1/28/20	5.51	39.01	Kane	**150**	**130**	**2,300**	**1,600**	6.89	21.2	368.4	0.01	-60.6	9,800	<5.0	19	0.33	10	<0.00022	0.12	10
				4/27/20	6.48	38.04	Kane	*<10*	*<10*	**150**	**930**	6.53	19.9	239.8	0.09	26	5,600	<5.0	7.9	0.24	5.6	<0.00022	0.13	9.9
				7/29/20	7.01	37.51	Kane	<0.20	<0.20	**0.52**	**26**	6.03	22.2	565.0	-47.7	0.14	27,000	<5.0	24	11	11	<0.00022	0.48	69
MW-41	Shallow	5 to 15	45.865	1/3/17	8.31	37.56	Kane	**3.4**	<0.20	<0.20	<0.20	6.13		129.0										
				10/23/18	-	-	Kane	**2.02**	<0.50	<0.50	<0.20													
				6/7/19	8.12	37.75	Kane	**1.30**	<0.20	<0.20	<0.20	6.31	15.1	84.9	5.26	43.2	<56	6.6	4.5	<0.050	<0.001	<0.0005	<0.0005	<1.0
MW-42	Int./Deep	30 to 45	48.354	1/3/19	10.21	38.14	Kane	<1.00	<0.50	<1.0	<0.20													
				3/18/19	8.79	39.56	Kane	<1.00	<0.50	<1.0	<0.20	6.63	32.8	155.4	0.06	76.4	821	1.99	3.57	0.266	0.177	<0.0162	<0.0151	1.9
				6/5/19	9.11	39.24	Kane	<0.20	<0.20	<0.20	<0.20	6.92	22.9	216.9	0.13	5	5,500	<5.0	6.3	0.2	4.1	<0.25	<0.25	2.3
				7/30/19	9.65	38.70	Kane	<0.20	<0.20	**0.72**	**0.053**	6.49	26.4	713.0	0.05	-321.9	5,300	8	8.1	0.27	2.5	<0.0005	<0.0005	1.7
				10/22/19	9.29	39.06	Kane	<0.20	**1.90**	**1.9**	**0.056**	6.04	18.3	254.0	0.10	-10.2	7,600	7.3	13	0.28	3.2	<0.0005	<0.0005	3.9
				1/29/20	8.49	39.87	Kane	<0.20	<0.20	**20**	**3.3**	6.52	14.1	454.1	0.02	-24.8	19,000	<0.50	14	0.16	7.1	<0.00022	<0.00029	6.3
				4/16/20	8.88	39.47	Kane	<0.20	<0.20	**26**	**27**	6.46	14.7	567.6	0.47	-19.2	25,000	<5.0	14	0.21	8.9	<0.00022	0.012	3.5
				7/24/20	9.08	39.27	Kane	<0.20	<0.20	**5.3**	**15**	6.20	16.4	570.9	0.23	-34.7	36,000	<5.0	13	0.41	5	<0.00022	0.037	5.5
MW-43	Shallow	10 to 25	48.057	1/2/19	10.4	37.66	Kane	**225**	**31.6**	**7.16**	<0.20													
				3/18/19	8.42	39.64	Kane	**1.66**	<0.50	**1.20**	<0.20	6.61	33.3	183.6	0.10	-4.6	286	14.4	3.34	<0.10	0.0336	<0.0162	<0.0151	8.25
				6/5/19	8.68	39.38	Kane	**9.10**	**7.60**	**35.0**	<0.20	6.86	24.1	168.3	0.09	21.5	450	15	3.7	0.08	0.53	<0.038	<0.038	5.8
				7/30/19	9.17	38.89	Kane	<0.20	**0.23**	**2.0**	<0.020	6.32	26.0	711.0	0.09	-281	280	11	5.7	0.11	0.44	<0.0005	<0.0005	4.7
				10/22/19	9.67	38.39	Kane	**0.80**	<0.20	**24.0**	**0.29**	6.17	19.2	552.0	0.06	-40.2	18,000	9.3	10	0.43	0.32	<0.0005	<0.0005	110
				1/29/20	7.76	40.30	Kane	**0.88**	<0.20	**8.7**	**1.9**	6.58	12.2	836.0	0.18	141.7	1,800	130	8.2	0.66	0.42	<0.00022	0.0029	10
				4/21/20	7.62	40.44	Kane	**0.47**	<0.20	**17**	**5.8**	6.61	23	456.7	0.13	19.7	6,800	22	7.9	0.49	0.51	<0.00022	0.0055	15
				7/24/20	8.25	39.81	Kane	**0.36**	<0.20	**11**	**3.5**	6.84	17.3	695.0	0.15	-27.4	3,300	35	6.4	0.48	1.4	<0.00022	0.0035	9.7

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
MW-44	Intermediate	25 to 35	46.018	6/6/19	7.49	38.53	Kane	<0.20	**1.70**	**28.0**	<0.20	6.35	51.4	229.6	0.18	-1.9	1,700	<5.0	7.6	0.49	0.24	<0.025	<0.025	19
				7/25/19	8.11	37.91	Kane	<0.20	**1.50**	**2.7**	**0.047**	6.15	47.4	254.1	0.34	-77	2,200	<5.0	6.6	0.71	0.13	<0.0005	0.0039	20
				10/22/19	9.85	36.17	Kane	<0.20	**0.77**	**14.0**	**0.29**	5.94	37.2	450.1	0.07	15.4	3,900	<5.0	12	0.73	1.4	<0.0005	0.0011	22
				1/29/20	7.14	38.88	Kane	<0.40	**1.20**	**38.0**	**0.48**	6.44	27.5	349.5	0.13	46.8	3,400	<5.0	10	0.62	9.9	<0.00022	<0.00029	16
				4/21/20	7.62	38.40	Kane	<0.20	<0.20	**22.0**	**32**	6.61	23	456.7	0.13	19.7	4,800	<5.0	11	0.62	8.7	<0.00022	0.0075	18
				7/23/20	8.02	38.00	Kane	<0.20	<0.20	**3.8**	**28**	6.55	24.5	964.9	0.14	-13.8	4,100	<5.0	12	0.58	13	<0.00022	0.047	13
MW-45	Shallow	7 to 17	45.855	6/6/19	7.29	38.57	Kane	<0.20	<0.20	**6.0**	<0.20	6.81	45.7	798.0	0.09	18.4	770	<5.0	38	0.36	0.11	<0.0075	<0.0075	120
				7/25/19	7.96	37.90	Kane	<0.20	<0.20	**0.75**	**0.043**	6.49	44.1	825.0	0.25	-67.4	2,000	<5.0	21	0.63	1.2	<0.0005	<0.0005	88
				10/22/19	7.44	38.42	Kane	<0.20	<0.20	**0.88**	<0.020	6.28	32.5	569.0	0.14	51.6	1,600	12	15	0.75	1.5	<0.0005	<0.0005	33
				1/29/20	6.6	39.26	Kane	<1.0	<1.0	**160**	**46**	6.70	21.8	609.0	0.01	-54.2	5,400	<5.0	14	0.79	5.2	<0.00022	0.0072	21
				4/21/20	7.41	38.45	Kane	<0.20	<0.20	**0.4**	**7**	6.78	19.9	848.0	0.19	7.1	2,800	<5.0	16	0.87	8.6	<0.00022	0.011	41
				7/23/20	7.67	38.19	Kane	<0.20	<0.20	**0.26**	**3.7**	6.50	24.1	880.0	0.11	-13.6	6,100	<5.0	18	1.2	11	<0.00022	0.0052	60
HZ-MW-1	Shallow	5 to 15	41.637	9/5/08			HWA	**0.58**	<0.2	<0.2	<0.20													
				5/30/14			HWA	**21**	**0.22**	<0.20	<0.20	6.62		478.0	3.23									
				9/12/14			HWA	**33**	**0.33**	<0.20	<0.20	6.51		279.0	2.35									
				12/15/14			HWA	**15**	<0.20	<0.20	<0.20	6.3		223.0	2.02									
				3/19/15			HWA	**11**	<0.20	<0.20	<0.20	6.54		295.0	8.29									
				9/21/16	7.89	33.75	Kane	**7.2**	<0.20	<0.20	<0.20	6.42		120.0										
				10/31/16	6.23	35.41	Kane	**6.9**	<0.20	<0.20	<0.20	6.49	14.5	113.0										
				7/20/18	7.47	34.17	Kane	<1.00	<0.50	<1.00	<0.20	6.73	16.9	125.0	10.69									
				9/13/18	8.2	33.44	Kane	**10.8**	<0.50	<1.00	<0.20	6.59	18.7	139.0	7.20	100.6	<100	6.43	2.73	<0.100	<0.00863	<0.0162	<0.0151	1.54
				12/19/18	6.94	34.70	Kane	**7.8**	<0.50	<1.00	<0.20	6.21	13.5	159.8	5.00	45	<100	8.54	3.43	<0.100	<0.00863	<0.0162	<0.0151	1.17
				5/30/19	6.81	34.83	Kane	**11**	<0.20	<0.20	<0.20	6.55	14.0	190.5	7.81	15.2	<56	7.4	5.9	<0.050	0.0014	<0.0005	<0.0005	1.1
				7/30/19	7.2	34.44	Kane	**14**	<0.20	**1.1**	<0.020	6.17	17.3	189.6	4.08	-70.1	<56	6.6	4.4	<0.050	<0.001	<0.0005	<0.0005	1
				10/21/19	7.45	34.19	Kane	**15**	<0.20	**0.61**	<0.020	5.65	15.9	172.5	4.58	200	<56	6.5	5.1	<0.050	<0.001	<0.0005	<0.0005	1.1
				1/24/20	6.39	35.25	Kane	**5.9**	<0.20	<0.20	<0.020	5.85	12.6	173.1	24.0	86.3	<56	16	4.0	<0.050	1.5	<0.00022	<0.00029	1.2
				4/14/20	6.33	35.35	Kane	**33**	**1.1**	**1.2**	**0.15**	6.20	12.9	301.4	1.1	-3.8	<56	16	6.3	<0.050	1.2	<0.00022	<0.00029	1.6
				7/17/20	6.88	34.76	Kane	**40**	**2.6**	**4.5**	**2.1**	5.91	17.9	305.0	0.5	71.9	<56	12	6.0	<0.050	18	<0.00022	<0.00029	1.7
HZ-MW-4	Shallow	8 to 18	40.177	9/5/08			HWA	<0.2	<0.2	<0.2	<0.20													
				6/9/14			HWA	<0.20	<0.20	<0.20	<0.20	6.35		407.0	2.73									
				9/12/14			HWA	**2.6**	<0.20	<0.20	<0.20	6.42		361.0	2.12									
				12/16/14			HWA	**0.54**	<0.20	<0.20	<0.20	6.56		316.0	2.17									
				3/30/15			HWA	<0.20	<0.20	<0.20	<0.20	5.47		323.0	2.67			<50			<0.50			
				11/11/15	6.18	34.06	HWA	**0.27**	<0.20	**0.51**	**0.44**	6.22		459.0	39.20	6.5		23			1.3	<0.50	<0.50	2.3
				9/23/16	7.16	33.02	Kane	**0.31**	<0.20	<0.20	<0.20	6.23		331.0										
				10/28/16	5.22	34.96	Kane	<0.20	<0.20	<0.20	<0.20	6.36	16.9	308.0										
				7/24/18	6.95	33.23	Kane	<1.00	<0.50	<1.00	<0.20	6.75	15.8	356.0	3.35									
				9/13/18	7.59	32.59	Kane	<1.00	<0.50	<1.00	<0.20	6.52	16.9	354.0	2.25	53.6	161	40.7	13	<0.100	<0.00863	<0.0162	<0.0151	3.95
				12/21/18	6.27	33.91	Kane	<1.00	<0.50	<1.00	<0.20	6.21	13.1	420.9	0.19	10	<100	36.5	15	<0.100	<0.00863	<0.0162	<0.0151	3.1
				5/30/19	6.37	33.81	Kane	**0.41**	<0.20	<0.20	<0.20	6.38	16.3	446.1	0.30	45.3	<56	45	21	<0.050	0.0016	<0.0005	<0.0005	2.6
HZ-MW-14S	Shallow	5 to 15	42.377	2/25/13			HWA	**2,400**	**47**	**29**														
				5/29/14			HWA	**1,000**	**23**	**11**	*<10*	6.46		799.0	0.16									
				9/11/14			HWA	**4,900**	**96**	**78**	*<20*	6.51		441.0	0.54									
				12/15/14			HWA	**790**	**16**	**13**	*<4.0*	6.34		396.0	0.48									
				3/20/15			HWA	**200**	**6.5**	**3.8**	*<1.0*	6.4		482.0	13.86									
				11/11/15	7.65	34.79	HWA	**75.0**	**3.1**	**8.6**	*<0.40*	6.10		437.0	1.3	24.8		30			170	<0.50	<0.50	2.2
				9/26/16	7.52	34.86	Kane	**1,800**	**57**	**110**	*<20*	6.34		330.0										
				10/28/16	5.82	36.56	Kane	**440**	**13**	**12**	*<2.0*	6.43	18.4	309.0										
				7/20/18	7	35.38	Kane	**2,580**	**52.5**	**86.6**	**0.572**	6.87	16.9	300.0	0.70									
				9/21/18	7.36	35.02	Kane	**2,710**	**61.9**	**203**	*<2.0*	6.52	19.1	346.0	0.13	42.9	<100	27.4	7.81	<0.100	0.361	<0.0162	<0.0151	3.87
				12/13/18	6.23	36.15	Kane	**240**	**7.33**	**6.12**	<0.20	6.11	15.5	327.3	0.17	20.4	<100	22.4	7.29	<0.100	<0.00863	<0.0162	<0.0151	1.89
				5/21/19	6.43	35.95	Kane	**240**	**7.0**	**3.2**	*<2.0*	6.47	14.7	339.2	0.11	-26.3	490	21	7.2	<0.050	0.053	<0.005	<0.005	1.7
				7/25/19	6.31	36.07	Kane	**160**	**6.8**	**7**	<0.10	6.15	20.8	303.6	0.23	-57.4	160	18	7.8	0.53	0.018	<0.0005	<0.0005	1.8
				10/16/19	6.99	35.39	Kane	**78**	**5.9**	**3.6**	<0.04	6.41	18.7	295.1	0.05	103.9	<56	17	8	<0.050	0.29	<0.0005	<0.0005	1.9
				1/22/20	5.65	36.73	Kane	**23**	**4.2**	**15**	0.069	6.31	11.6	265.0	2.22	115	<56	19	9.5	<0.050	0.014	<0.00022	<0.00029	2.8
				4/15/20	5.76	36.62	Kane	**55**	**3.5**	**4.3**	**3.0**	6.12	13	320.4	0.24	11.5	<56	18	8.1	<0.050	6.9	<0.00022	0.019	2.1
				7/21/20	7.45	34.93	Kane	**160**	**15.0**	**88**	**26.0**	6.04	18.7	315.7	0.25	79.6	76	19	8.6	<0.050	8.6	<0.00022	0.0015	2

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
HZ-MW-14D	Intermediate	30 to 40	42.397	2/25/13			HWA	**360**	**7.6**	**21**														
				5/29/14			HWA	**100**	**3.7**	**16**	*<1.0*	6.47		622.0	0.23									
				9/11/14			HWA	**100**	**3.2**	**17**	*<1.0*	6.45		352.0	0.28									
				12/15/14			HWA	**100**	**2.8**	**15**	*<1.0*	6.41		332.0	0.87									
				3/20/15			HWA	**62**	**2.4**	**9.8**	*<0.40*	6.69		423.0	NA									
				11/11/15	8.12	34.31	HWA	**970**	**16**	**14**	*<10*	6.08		414.0	0.00	24.9		12			69	<0.50	<0.50	1.2
				9/26/16	7.38	35.02	Kane	**37**	**1.5**	**2.9**	<0.20	6.10		434.0										
				10/28/16	5.62	36.78	Kane	**55**	**2.8**	**6.1**	<0.20	6.21	18.1	373.0										
				7/20/18	6.96	35.44	Kane	**42.9**	**2.18**	**7.55**	<0.20	6.42	16.4	220.0	0.33									
				9/19/18	7.19	35.21	Kane	**36.4**	**1.98**	**7.14**	<0.20	6.23	15.9	500.0	0.23	100.4	<100	10	100	<0.100	0.0317	<0.0162	<0.0151	4.3
				12/13/18	6.7	35.70	Kane	**44.2**	**3.3**	**13.5**	<0.20	5.87	14.9	523.1	0.07	36	<100	15.5	90.8	<0.100	0.0524	<0.0162	<0.0151	0.968
				5/21/19	6.16	36.24	Kane	**65**	**2.9**	**12**	<0.20	6.09	14.7	500.3	0.06	-40.7	<56	10	87	<0.050	0.18	<0.01	<0.01	<1.0
				7/30/19	6.92	35.48	Kane	**100**	**4.7**	**28**	**0.30**	5.84	19.6	454.8	0.22	-86.5	<56	11	69	<0.050	0.92	<0.0005	<0.0005	1
				10/16/19	7.7	34.70	Kane	**190**	**7.9**	**48**	**0.51**	6.13	16.3	443.8	0.02	143.8	<56	9.3	75	<0.050	1.5	<0.0005	<0.0005	<1.0
				1/22/20	5.98	36.42	Kane	**400**	**24**	**140**	**1.1**	5.99	13.0	453.7	2.10	132.8	<56	11	65	<0.050	2.6	<0.00022	<0.00029	1.2
				4/15/20	6.14	36.26	Kane	**400**	**24**	**110**	**0.76**	6.13	14.2	443.4	0.28	14.4	<56	13	52	<0.050	1.8	<0.00022	<0.00029	1.2
				7/21/20	6.78	35.65	Kane	**210**	**15**	**61**	**0.35**	5.86	18.0	415.7	0.32	104.2	67	14	44	<0.050	2.6	<0.00022	<0.00029	1.2
HZ-MW-15S	Shallow	10 to 15	41.747	3/25/13			HWA	**86**	**2.3**	**3.6**														
				5/29/14			HWA	**150**	**7.1**	**3.6**	*<1.0*	6.35		785.0	1.45									
				9/13/14			HWA	**400**	**19**	**12**	<0.20	6.87		575.0	0.25									
				12/15/14			HWA	**300**	**14**	**12**	*<2.0*	6.44		549.0	0.95									
				3/20/15			HWA	**140**	**6.2**	**3.5**	*<1.0*	6.32		579.0	NA									
				11/12/15	6.99	34.79	HWA	**110**	**4.9**	**4.2**	*<10*	5.9		394.0	0.13	97.4		26			3.1	<250	<12	1.1
				9/27/16	6.65	35.10	Kane	**57**	**1.6**	**1.4**	*<0.40*	6.21		280.0										
				10/28/16	4.15	37.60	Kane	**81**	**3.3**	**2.9**	*<0.40*	6.30	17.3	314.0										
				9/19/18	6.61	35.14	Kane	**29.2**	**1.2**	**1.11**	<0.20	6.30	19.5	260.0	0.47	187	<100	18.8	2.67	<0.100	<0.00863	<0.0162	<0.0151	4.16
				12/27/18	4.4	37.35	Kane	**11.8**	<0.50	<1.00	<0.20	6.07		278.8	0.68	38.5	<100	19.5	2.85	<0.100	<0.00863	<0.0162	<0.0151	1.36
				6/4/19	4.92	36.83	Kane	**8.9**	**0.34**	<0.20	<0.20	6.32	15.9	256.6	0.33	-10.7	<56	16	3	<0.050	0.019	<0.001	<0.001	1.1
				7/24/19	5.66	36.09	Kane	**11**	**0.41**	<0.20	<0.02	6.06	18.7	227.5	0.38	-69.1	<56	13	3.6	<0.050	0.02	<0.0005	<0.0005	1
				10/17/19	5.87	35.88	Kane	**9.8**	**0.39**	<0.20	<0.02	6.01	16.3	202.4	0.23	189	<56	13	5.1	<0.050	0.0076	<0.0005	<0.0005	1.2
				1/22/20	4.02	37.73	Kane	**4.2**	<0.20	<0.20	<0.02	5.99	10.4	295.5	6.00	129.5	<56	12	3.0	<0.050	0.0086	<0.00022	<0.00029	1.4
				4/15/20	4.51	37.24	Kane	**3.6**	<0.20	<0.20	<0.02	6.34	13.6	267.0	1.43	17.6	<56	14	2.1	<0.050	0.0012	<0.00022	<0.00029	1.3
				7/22/20	5.85	35.90	Kane	**4.7**	**0.2**	**0.35**	<0.02	6.07	18.1	239.2	1.19	66.2	<56	14	2.3	<0.050	0.0089	<0.00022	<0.00029	1.2
HZ-MW-15D	Intermediate	20 to 30	41.787	3/25/13			HWA	**330**	**18**	**12**														
				5/29/14			HWA	**3,700**	**290**	**180**	*<20*	6.28		1000.0	0.12									
				9/13/14			HWA	**93**	**6.9**	**4.5**	*<0.40*	6.33		308.0	0.30									
				12/15/14			HWA	**130**	**9.2**	**4.3**	*<1.0*	6.34		290.0	1.87									
				3/20/15			HWA	**6,700**	**400**	**280**	*<30*	6.27		491.0	NA									
				11/11/15	7.2	34.63	HWA	**1,800**	**120**	**100**	*<10*	5.66		260.0	0.00	95.5		28			2800	<250	<12	<1.0
				9/27/16	6.69	35.10	Kane	**840**	**40**	**43**	*<4.0*	5.96		211.0										
				10/28/16	5.33	36.46	Kane	**3,300**	**210**	**200**	*<20*	6.20	15.9	266.0										
				9/19/18	6.74	35.05	Kane	**4,910**	**152**	**117**	<0.20	6.05	15.3	282.0	0.21	204	<100	22.8	16.5	<0.100	2.23	<0.0162	<0.0151	4.7
				12/27/18	4.23	37.56	Kane	**6,410**	**229**	**199**	*<10.0*	5.95		315.5	0.09	52.4	<100	19.5	2.85	<0.100	<0.00863	<0.0162	<0.0151	1.36
				6/4/19	6.11	35.68	Kane	**10,000**	**390**	**260**	*<100*	6.25	15.1	337.4	0.12	20.9	<56	23	14	<0.05	5	<0.25	<0.25	1.50
				7/24/19	6.83	34.96	Kane	**9,200**	**390**	**340**	*<5.0*	5.93	16.9	324.0	0.24	-56.6	<56	21	13	<0.050	5	<0.0005	<0.0005	1.60
				10/17/19	7.02	34.77	Kane	**7,700**	**410**	**360**	*<5.0*	5.83	15.1	292.1	0.12	173.5	100	18	13	<0.050	5	<0.0005	<0.0005	1.30
				1/22/20	6.05	35.74	Kane	**4,000**	**280**	**410**	*<2.0*	6.21	12.3	430.0	0.11	88.9	<56	13	16	<0.050	2.4	<0.00022	<0.00029	1.20
				4/15/20	6.67	35.12	Kane	**3,300**	**240**	**400**	*<2.0*	6.19	14.9	505.3	0.27	32.4	120	9.6	16	<0.050	3	<0.00022	<0.00029	1.20
				7/22/20	6.45	35.34	Kane	**2,000**	**170**	**340**	*<1.0*	6.03	17.1	466.5	0.33	80.8	150	12	14	<0.050	4	<0.00022	<0.00029	1.40
HZ-MW-16	Shallow	15 to 25	-	5/28/14			HWA	**0.32**	<0.20	**0.30**	<0.20	6.52		451.0	0.16									
				9/12/14			HWA	**4.2**	<0.20	<0.20	<0.20	7.08		207.0	1.23									
				12/15/14			HWA	**0.4**	<0.20	<0.20	<0.20	7.01		235.0	0.57									
				3/19/15			HWA	**0.35**	<0.20	**0.24**	<0.20	6.59		326.0	NA						<0.50			
				11/28/16	4.53		Kane	**0.34**	<0.20	<0.20	<0.20	6.78		167.0										
				9/24/18	6.23		Kane	<1.00	<0.50	<1.00	<0.20	6.62	16.6	131.0	1.85	83.4	<100	9.78	2.83	<0.100	<0.00863	<0.0162	<0.0151	1.58
				1/3/19	5.56		Kane	**1.39**	<0.50	<1.00	<0.20	6.09		220.2	0.66	63.5	<100	15.2	8.5	<0.100	<0.00863	<0.0162	<0.0151	0.645
				6/5/19	5.8		Kane	**2.00**	**0.30**	**0.61**	<0.20	6.46	15.0	222.3	0.29	26.7	<56	16	7.6	<0.050	<0.001	<0.0005	<0.0005	<1.0
HZ-MW-17	Shallow	10 to 20	38.567	6/9/14			HWA	<0.20	<0.20	<0.20	<0.20	6.61		594.0	0.15									
				9/12/14			HWA	**2.0**	<0.20	<0.20	<0.20	6.94		345.0	0.89									
				12/16/14			HWA	**0.5**	<0.20	<0.20	<0.20	6.71		309.0	1.55									
				3/19/15			HWA	<0.20	<0.20	<0.20	<0.20	6.96		434.0	NA									
				9/26/16	8.90	29.67	Kane	<0.20	<0.20	<0.20	<0.20	6.73		230.0										
				10/27/16	6.61	31.96	Kane	<0.20	<0.20	<0.20	<0.20	6.89	14.9	238.0										
				7/24/18	7.45	31.12	Kane	<1.00	<0.50	<1.00	<0.20	7.17	16.1	250.0	0.41									
				9/12/18	7.90	30.67	Kane	<1.00	<0.50	<1.00	<0.20	6.97	16.2	267.0	0.09	39.9	2,540	16.9	7	<0.100	<0.00863	<0.0162	<0.0151	2.54
				12/6/18	7.68	30.89	Kane	<1.00	<0.50	<1.00	<0.20	6.65	14.9	297.5	0.32	29.1	2,060	23.7	9.1	<0.100	<0.00863	<0.0162	<0.0151	2.28
				5/31/19	7.08	31.49	Kane	<0.20	<0.20	<0.20	<0.20	6.91	15.2	312.3	0.11	-30.1	3,600	16	9	0.081	0.25	<0.015	<0.015	1.1
HZ-MW-18	Shallow *Decommissioned*	7.5 to 17.5		6/10/14			HWA	<0.20	<0.20	<0.20	<0.20	6.38		1901.0	0.14									

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
HZ-MW-19	Shallow	5 to 15	42.177	5/30/14			HWA	**0.97**	**0.94**	**0.40**	<0.20	6.38		1210.0	0.10									
				6/9/14			HWA	**0.28**	**0.67**	**1.1**	<0.20	6.26		1213.0	0.13									
				9/12/14			HWA	**3.3**	**0.76**	**0.67**	<0.20	6.37		675.0	0.50									
				12/16/14			HWA	**1.0**	<0.20	<0.20	<0.20	6.75		301.0	0.42									
				3/19/15			HWA	<0.20	<0.20	<0.20	<0.20	6.33		376.0	NA						100			
				8/6/15			HWA					6.18		513.0	0.00									
				11/11/15	7.01	35.22	HWA	**0.6**	**0.77**	**1.1**	<0.20	6.03		623.0	0.00	-13.9		25			11	<0.50	<0.50	8.4
				9/26/16	7.73	34.45	Kane	**0.59**	**0.54**	**0.48**	<0.20	6.29		438.0										
				10/31/16	4.78	37.40	Kane	<0.20	<0.20	<0.20	<0.20	6.11	14.2	174.0										
				7/24/18	7.17	35.01	Kane	<1.00	<0.50	<1.00	<0.20	6.56	17.3	335.0	0.00									
				9/7/18	7.72	34.46	Kane	<1.00	**0.574**	<1.00	<0.20	6.34	18.0	504.0	1.16	102.7	1,460	61.5	5.2	<0.100	<0.00863	<0.0162	<0.0151	8.59
				12/7/18	6.32	35.86	Kane	<1.00	<0.50	<1.00	<0.20	5.99	14.5	376.6	0.12	64.7	2,500	24.5	2.44	<0.100	0.0158	<0.0162	<0.0151	6.15
				5/30/19	6.25	35.93	Kane	**0.21**	**0.25**	<0.20	<0.20	6.25	18.1	424.6	0.15	34.5	240	28	3.9	<0.050	0.019	<0.001	<0.001	3.5
HZ-MW-20	Shallow *Decommissioned*	5 to 15		6/9/14			HWA	<0.20	<0.20	<0.20	<0.20	6.79		1914.0	0.28									
				9/13/14			HWA	**1.3**	<0.20	<0.20	<0.20	7.09		1018.0	0.72									
				12/16/14			HWA	**0.41**	<0.20	<0.20	<0.20	6.72		851.0	0.44									
				3/19/15			HWA	<0.20	<0.20	<0.20	<0.20	6.91		1139.0	NA									
HZ-MW-21	Shallow	6 to 16	39.517	9/13/16	7.14	32.38	Kane	<0.20	<0.20	<0.20	<0.20	6.55		509.0										
				10/31/16	5.90	33.62	Kane	<0.20	<0.20	<0.20	<0.20	6.31	14.7	528.0										
				7/23/18	6.90	32.62	Kane	<1.00	<0.50	<1.00	<0.20	6.77	17.6	576.0	0.19									
				9/13/18	7.37	32.15	Kane	<1.00	<0.50	<1.00	<0.20	6.65	17.9	700.0	0.12	71.6	739	35.6	7.12	0.169	0.0386	<0.0162	<0.0151	18.3
				12/10/18	6.69	32.83	Kane	<1.00	<0.50	<1.00	<0.20	6.43	14.1	120.9	0.71	71.7	<100	8.51	1.4	0.125	<0.00863	<0.0162	<0.0151	1.94
				5/23/19	6.55	32.97	Kane	<0.20	<0.20	<0.20	<0.20	6.60	15.3	500.7	0.11	-0.1	550	21	8.1	0.29	0.14	0.00093	<0.0005	14
HZ-MW-22	Shallow	5 to 15	40.827	9/14/16	6.77	34.06	Kane	**0.67**	**0.62**	**0.24**	<0.20	6.13		303.0										
				10/28/16	4.85	35.98	Kane	**0.46**	<0.20	<0.20	<0.20	6.52	16.5	318.0										
				7/23/18	6.45	34.38	Kane	**1.52**	**0.849**	<1.00	<0.20	6.47	17.6	316.0	0.68									
				9/7/18	7.10	33.73	Kane	**1.44**	**1.33**	**1.07**	<0.20	6.25	18.9	338.0	0.51	98.7	<100	20.3	14.1	<0.100	<0.00863	<0.0162	<0.0151	5.38
				12/21/18	5.35	35.48	Kane	**1.46**	**0.956**	<1.00	<0.20	6.16	13.3	392.0	0.98	32.7	<100	25.5	10.2	<0.100	<0.00863	<0.0162	<0.0151	2.52
				5/21/19	5.72	35.11	Kane	**1.2**	**0.66**	**0.51**	<0.20	6.37	14.3	413.6	0.50	-19.1	<56	31	8.1	<0.050	0.004	<0.0005	<0.0005	2.3
HZ-MW-23	Intermediate	28 to 38	41.677	9/14/16	8.21	33.47	Kane	**2.4**	<0.20	**0.41**	<0.20	6.55		378.0										
				10/31/16	6.80	34.88	Kane	**2.3**	<0.20	**0.33**	<0.20	6.77	14.4	345.0										
				9/7/18	8.26	33.42	Kane	<1.00	<0.500	<1.00	<0.20	6.84	15.6	401.0	0.07	24.8	3,800	13.2	11.1	<0.100	0.527	<0.0162	<0.0151	6.14
				12/19/18	7.40	34.28	Kane	<1.00	<0.50	<1.00	<0.20	6.53	14.2	416.2	0.06	7.5	1,200	16.6	11.3	<0.100	0.273	<0.0162	<0.0151	3.14
				5/30/19	7.17	34.51	Kane	<0.20	<0.20	<0.20	<0.20	6.74		358.2	0.20	11.5	7,500	13	11	<0.050	0.75	<0.05	<0.05	3.4
				7/30/19	7.98	33.70	Kane	<0.20	<0.20	<0.20	<0.020	6.65	18.6	281.2	0.22	-79.8	4,900	11	6.8	<0.050	0.21	<0.0005	<0.0005	3.4
				10/24/19	8.61	33.07	Kane	<0.20	<0.20	<0.20	<0.020	6.40	14.9	290.2	0.17	-5	8,700	8.1	7.1	<0.050	0.92	<0.0005	<0.0005	24
				1/29/20	6.69	34.99	Kane	<0.20	<0.20	<0.02	**0.039**	6.55	13.2	502.7	0.20	13.5	10,000	<5.0	9.4	<0.050	1.9	<0.00022	<0.00029	42
				4/13/20	6.77	34.91	Kane	<0.20	<0.20	<0.02	**0.044**	6.77	14.7	702.0	0.34	-59	16,000	<5..0	12	<0.050	7.3	<0.00022	<0.00029	92
				7/17/20	10.42	31.26	Kane	<0.20	<0.20	<0.20	**0.025**	6.77	16.3	704.0	0.20	-72.4	15,000	<5.0	17	<0.050	16	<0.00022	<0.00029	60
HZ-MW-24	Intermediate	25 to 35	40.997	9/14/16	7.20	33.80	Kane	**4.9**	**2.4**	**21**	**0.8**	6.47		356.0										
				10/27/16	5.66	35.34	Kane	**6.7**	**0.8**	**12**	**0.6**	6.69	17.1	316.0										
				9/18/18	6.92	34.08	Kane	**4.48**	**2.3**	**14.8**	**0.577**	6.31	16.2	286.0	0.22	99.2	<100	26.1	8.28	<0.100	0.0181	<0.0162	<0.0151	3.98
				12/10/18	6.04	34.96	Kane	**2.79**	**0.908**	**5.38**	<0.20	6.26	15.0	273.7	0.08	-1.4	828	10.3	7.18	<0.100	<0.00863	<0.0162	<0.0151	7.02
				5/31/19	6.06	34.94	Kane	**2.0**	**0.92**	**21**	**0.77**	6.61	15.3	533.7	0.13	-11.7	8,500	<5.0	13	0.19	5.4	<0.25	<0.25	3.5
				7/17/19	7.10	33.90	Kane	**2.7**	**1.1**	**16**	**0.58**	6.39	17.1	557.4	0.07	-167.7	15,000	7.8	13	0.39	6.3	<0.0005	<0.0005	3.8
				10/24/19	6.82	34.18	Kane	<0.40	<0.40	**93**	**0.76**	6.21	16.0	442.3	0.16	10	20,000	<5.0	14	1.1	9.7	<0.0005	<0.0005	4.7
				1/27/20	5.71	35.29	Kane	**2.2**	**1.3**	**150**	**3.2**	6.47	13.0	452.3	0.13	35.3	14,000	<5.0	15	2.5	9.5	<0.00022	<0.00029	4.9
				4/14/20	6.01	34.99	Kane	<0.40	<0.40	**73**	**30**	6.36	15.7	493.7	0.22	-13.9	14,000	13	19	4.1	4.0	<0.00022	0.0027	5.4
				7/22/20	6.78	34.22	Kane	**0.9**	**1.8**	**28**	**2.6**	6.26	16.6	452.1	0.30	3.7	11,000	22	17	2.5	2.1	<0.00022	0.0076	4.5
HZ-MW-25	Deep	44.33 to 54.33	41.907	9/14/16	8.17	33.74	Kane	**6.4**	<0.20	<0.20	<0.20	6.71		254.0										
				10/28/16	7.02	34.89	Kane	**1.2**	<0.20	<0.20	<0.20	6.46		237.0										
				7/19/18	8.00	33.91	Kane	<1.00	<0.50	<1.00	<0.20	6.67	14.7	248.0	0.45									
				9/11/18	8.41	33.50	Kane	<1.00	<0.50	<1.00	<0.20	6.38	15.3	273.0	0.08	102.8	201	9.38	25.8	<0.100	0.00931	<0.0162	<0.0151	2.72
				12/4/18	7.35	34.56	Kane	**3.67**	**1.36**	<1.00	<0.20	6.11	14.7	299.6	0.07	48.7	5,900	14.5	21.1	<0.100	<0.00863	<0.0162	<0.0151	4.34
				5/30/19	7.60	34.31	Kane	<0.20	<0.20	<0.20	<0.20	6.36		259.6	0.32	21.3	330	12	22	<0.050	0.056	<0.005	<0.005	<1.0
HZ-MW-26	Intermediate	25 to 35	40.692	9/14/16	7.55	33.14	Kane	**99**	**3.5**	**4.7**	*<0.40*	6.71		267.0										
				10/28/16	6.26	34.43	Kane	**3.3**	<0.20	**0.25**	<0.20	6.74	16.0	265.0										
				7/23/18	7.36	33.33	Kane	**11.9**	<0.50	**2.01**	<0.20	6.98	16.4	284.0	0.31									
				9/17/18	6.83	33.86	Kane	**7.12**	<0.50	**1.3**	<0.20	6.55	15.0	316.0	0.37	187	<100	24.9	7.46	<0.100	<0.00863	<0.0162	<0.0151	3.54
				12/4/18	7.23	33.46	Kane	**6.21**	<0.50	**1.03**	<0.20	6.38	14.2	334.2	0.10	75.6	<100	25.3	8.08	<0.100	<0.00863	<0.0162	<0.0151	2.3
				5/30/19	6.85	33.84	Kane	**9.7**	<0.20	**1.4**	<0.20	6.70	16.6	329.9	0.18	17	<56	28	9.3	<0.050	0.0042	<0.0005	<0.0005	<1.0
				7/30/19	7.34	33.35	Kane	**5.0**	<0.20	**1.0**	**0.053**	6.42	16.5	327.9	0.21	-96.7	<56	23	9.3	0.063	0.01	<0.0005	<0.0005	<1.0
				10/16/19	7.91	32.78	Kane	**2.8**	<0.20	**0.53**	**0.055**	6.61	15.1	322.7	0.03	152.3	<56	24	11	<0.050	0.022	<0.0005	<0.0005	<1.0
				1/24/20	6.86	33.83	Kane	**1.5**	<0.20	**0.42**	**0.041**	6.55	13.1	334.4	0.10	36.3	<56	23	14	<0.050	0.035	<0.00022	0.00052	<1.0
				4/13/20	6.33	34.36	Kane	**73.0**	**2.5**	**4.9**	<0.040	6.52	14.6	396.4	0.66	-4.8	<56	24	14	<0.050	0.059	<0.00022	<0.00029	<1.0
				7/17/20	6.82	33.87	Kane	**15.0**	**0.84**	**2.2**	0.026	6.29	15.7	370.0	0.31	-13.7	<56	24	13	<0.050	0.09	<0.00022	<0.00029	<1.0
HZ-MW-27	Deep	45 to 55	41.597	9/14/16	8.00	33.60	Kane	**1.6**	<0.20	**0.34**	<0.20	6.80		227.0										
				10/28/16	6.55	35.05	Kane	**0.84**	<0.20	<0.20	<0.20	6.51		208.0										
				7/13/18	7.35	34.25	Kane	**2.24**	<0.50	**1.07**	<0.20	6.77	15.1	215.0	0.40									
				9/18/18	7.73	33.87	Kane	**1.75**	<0.50	<1.00	<0.20	6.24	15.1	222.0	0.34	62.8	<100	15.3	8.08	<0.100	0.0449	<0.0162	<0.0151	4.12
				12/7/18	8.18	33.42	Kane	<1.00	<0.50	<1.00	<0.20	6.12	14.5	229.6	0.13	49.8	835	21.1	8.36	<0.100	0.0636	<0.0162	<0.0151	1.28
				5/30/19	7.30	34.30	Kane	<0.20	<0.20	<0.20	<0.20	6.51	15.8	223.5	0.22	18.6	1,200	18	8.7	<0.050	0.093	<0.005	<0.005	1.4

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
HZ-MW-28	Intermediate	25 to 35	38.744	10/27/16	5.90	32.84	Kane	**0.96**	<0.20	<0.20	<0.20	6.87	15.3	343.0										
				7/24/18	6.65	32.09	Kane	<1.00	<0.50	<1.00	<0.20	7.08	15.6	333.0	0.42									
				9/13/18	7.00	31.74	Kane	<1.00	<0.50	<1.00	<0.20	6.86	15.1	368.0	0.13	35.8	420	17.6	16	<0.100	0.0191	<0.0162	<0.0151	2.29
				12/6/18	6.40	32.34	Kane	<1.00	<0.50	<1.00	<0.20	6.58	14.2	429.8	0.28	56.7	<100	37.6	14	<0.100	0.0101	<0.0162	<0.0151	2.77
				5/31/19	6.35	32.39	Kane	<0.20	<0.20	<0.20	<0.20	6.75	14.6	416.1	0.14	-7.1	<56	45	16	<0.050	0.053	<0.003	<0.003	1.4
HZ-MW-29	Intermediate	25 to 35	40.309	10/27/16	6.03	34.28	Kane	**85**	**9.0**	**100**	**6.6**	6.60	15.7	271.0										
				7/23/18	6.75	33.56	Kane	**54.8**	**4.2**	**33.2**	**1.31**	6.66	16.9	241.0	0.07									
				9/11/18	7.11	33.20	Kane	**36.6**	**3.48**	**23.7**	<0.20	6.47	15.3	254.0	0.15	95.2	<100	16	10.9	<0.100	<0.00863	<0.0162	<0.0151	2.73
				12/10/18	5.68	34.63	Kane	**13.6**	**4.06**	**11.4**	<0.20	6.18	14.3	330.7	0.07	3.5	2,140	17.9	17.2	<0.100	<0.00863	<0.0162	<0.0151	2.68
				5/31/19	6.29	34.02	Kane	**1.4**	**0.6**	**32**	**0.26**	6.52	15.8	705.0	0.35	-2.3	10,000	<5.0	18	0.65	3.9	<0.25	<0.25	52
				7/17/19	7.03	33.28	Kane	**1.2**	**0.58**	**32**	**0.47**	6.20	15.9	627.0	0.09	-93.7	9,300	<5.0	16	0.79	9.5	<0.0005	<0.0005	15
				10/24/19	7.98	32.33	Kane	<1.0	<1.0	**100**	**0.94**	6.15	15.2	466.6	0.14	-9.6	9,500	<5.0	13	1.6	9.9	<0.0005	<0.0005	2.1
				1/27/20	6.41	33.90	Kane	<1.0	**1.5**	**100**	**1.5**	6.33	13.4	579.5	0.17	42.1	12,000	6.9	14	3.2	8.6	<0.00022	<0.00029	1.8
				4/13/20	6.31	34.00	Kane	<1.0	**5.2**	**130**	**5.8**	6.31	13.3	595.4	0.28	-76.4	11,000	8.3	14	3	19	<0.00022	<0.00029	3.2
				7/17/20	10.22	30.09	Kane	<1.0	<1.0	**190**	**40**	6.22	15.7	655.0	0.24	-49.1	10,000	<5.0	13	1.8	14	<0.00022	0.014	12
HZ-MW-30	Deep	40 to 50	-	11/28/16	7.08		Kane	<0.20	<0.20	<0.20	<0.20	8.01		418.0										
				8/27/18	8.60		Kane	<1.00	<0.50	<1.00	<0.20	7.71	16.9	235.0										
				9/20/18	9.54		Kane	<1.00	<0.50	<1.00	<0.20	7.71	15.0	273.0	0.25	-140	162	0.506	3.51	0.937	0.426	<0.0162	<0.0151	2.1
				12/18/18	7.71		Kane	<1.00	<0.50	<1.00	<0.20	7.60	13.9	281.5	0.05	-2.4	247	<0.300	3.62	0.956	0.307	<0.0162	<0.0151	2.15
				5/19/19	7.88		Kane	<0.20	<0.20	<0.20	<0.20	7.68		260.5	0.17	22.8	170	<5.0	4.8	0.61	0.91	<0.05	<0.05	1.8
HZ-MW-31	Shallow	15 to 25	-	11/28/16	8.42		Kane	<0.20	<0.20	<0.20	<0.20	6.80		325.0										
				8/27/18	9.55		Kane	<1.00	<0.50	<1.00	<0.20	6.52	16.3	294.0										
				9/20/18	9.63		Kane	<1.00	<0.50	<1.00	<0.20	6.46	15.5	321.0	0.43	-45.4	8,800	7.69	9.3	0.33	0.0618	<0.0162	<0.0151	5.41
				12/18/18	9.40		Kane	<1.00	<0.50	<1.00	<0.20	6.33	14.2	331.1	0.07	2	1,880	8.74	8.76	0.297	0.151	<0.0162	<0.0151	4.99
				5/29/19	9.34		Kane	**0.78**	<0.20	<0.20	<0.20	6.58	15.0	320.7	0.23	19.8	20,000	<5.0	8.7	0.26	0.34	<0.025	<0.025	4.6
				7/24/19	9.45		Kane	**2.5**	<0.20	**0.69**	**0.048**	6.33	16.9	295.9	0.21	-64	19,000	<5.0	8.3	0.27	0.62	<0.0005	<0.0005	4.4
				10/25/19	9.16		Kane	<0.20	<0.20	<0.20	**0.048**	6.22	15.1	232.9	0.10	23	19,000	<5.0	6.3	0.3	0.9	<0.0005	<0.0005	4.8
				1/28/20	8.75		Kane	<0.20	<0.20	<0.20	**0.054**	6.27	12.9	298.6	0.24	69	18,000	<5.0	6.7	0.29	0.76	<0.00022	<0.00029	4.8
				4/27/20	24.75		Kane	<0.20	<0.20	<0.20	**0.049**	6.50	14.3	347.3	0.25	34	19,000	<5.0	5.8	0.29	0.84	<0.00022	<0.00029	4.7
				7/29/20	9.02		Kane	<0.20	<0.20	<0.20	**0.049**	6.32	16.1	336.7	0.20	-4	19,000	<5.0	6.7	0.4	0.92	<0.00022	<0.00029	4.9
HZ-MW-32	Shallow	15 to 25	-	11/28/16	7.68		Kane	<0.20	<0.20	<0.20	<0.20	6.78		331.0										
				9/20/18	9.46		Kane	<1.00	<0.50	<1.00	<0.20	6.50	14.8	355.0	0.20	-68.3	13,500	3.07	13.3	0.402	0.147	<0.0162	<0.0151	6.79
				12/19/18	8.70		Kane	<1.00	<0.50	<1.00	<0.20	6.28	13.2	377.0	0.14	-5	234	5.93	13.6	0.356	0.121	<0.0162	<0.0151	6.56
				5/29/19	8.25		Kane	<0.20	<0.20	<0.20	<0.20	6.56		377.1	0.46	25.6	27,000	<5.0	13	0.39	0.27	<0.015	<0.015	5.9
HZ-MW-33	Intermediate	25 to 35	-	11/28/16	6.33		Kane	<0.20	<0.20	**0.48**	<0.20	7.39		242.0										
				7/24/18	6.87		Kane	<1.00	<0.20	<1.00	<0.20	7.02	17.0	214.0	0.00									
				9/12/18	7.35		Kane	<1.00	<0.50	**1.11**	<0.20	6.84	15.2	237.0	0.25	103.4	<100	14.2	6.54	<0.100	<0.00863	<0.0162	<0.0151	2.08
				12/6/18	7.19		Kane	<1.00	<0.50	**2.06**	**0.303**	6.55	14.1	259.5	0.21	48.1	<100	19.1	7.87	<0.100	<0.00863	<0.0162	<0.0151	2.36
				5/31/19	6.82		Kane	**0.51**	<0.20	**1.7**	<0.20	6.77	15.6	271.0	0.14	-12.5	<56	16	7.3	<0.050	0.0027	<0.0005	<0.0005	<1.0
HZ-MW-34	Shallow	15 to 25	-	11/28/16	4.81		Kane	**7.2**	**14**	**44**	**3.1**	6.64		272.0										
				9/17/18	6.68		Kane	**8.05**	**16.5**	**40.6**	**2.97**	6.12	17.1	265.0	0.32	152	<100	17.7	10.4	<0.100	0.0191	<0.0162	<0.0151	3.87
				12/7/18	5.77		Kane	**4.63**	**12.7**	**32.6**	<0.20	6.18	15.9	383.7	0.10	0.9	5,750	7.8	14.2	<0.100	<0.00863	<0.0162	<0.0151	3.96
				5/31/19	5.88		Kane	**0.83**	**3.3**	**24**	**0.26**	6.46	14.7	550.0	0.16	-17.2	10,000	5.7	13	<0.050	1.1	<0.05	<0.05	42
				7/17/19	6.41		Kane	**1.4**	**3.3**	**20**	**0.28**	6.24	17.3	508.5	0.08	-158.7	11,000	5.2	13	<0.050	3.1	<0.00050	<0.0005	24
				10/23/19	6.60		Kane	<1.0	<1.0	**110**	**0.97**	6.25	16.2	258.4	0.07	24.7	4,900	17	9	0.69	7.7	<0.0005	<0.0005	5.8
				1/27/20	5.22		Kane	<1.0	**2.6**	**120**	**31**	6.25	14.0	570.1	0.14	48.8	6,200	11	14	0.67	11	<0.00022	<0.00029	2.3
				4/14/20	5.83		Kane	<1.0	**1.6**	**100**	**130**	6.50	13.8	646.0	0.21	-21.8	11,000	5.1	13	0.68	16	<0.00022	0.0043	2.1
				7/21/20	6.78		Kane	<1.0	<2.0	**12**	**16**	6.22	19.3	587.0	0.20	-42.7	6,700	5	12	1.4	20	<0.00022	0.0014	2
S-MW-1	Shallow	5.5 to 15.5	43.527	9/20/16	6.96	36.57	Kane	**150**	<1.0	<1.0	*<1.0*	6.48		303.0										
				10/24/16	4.64	38.89	Kane	**17**	<0.20	<0.20	<0.20	6.74	16.5	140.0										
				10/23/18	6.80	36.73	Kane	**9.1**	<0.50	<1.0	<0.20	6.59		161.0										
				6/6/19	6.00	37.53	Kane	**8.9**	<0.20	<0.20	<0.20	6.25	14.4	256.6	3.46	5	<56	50	4.6	<0.050	<0.001	<0.0005	<0.0005	1.4
				7/24/19	6.61	36.92	Kane	**6.5**	<0.20	<0.20	<0.020	6.01	18.8	200.8	3.10	-74.5	<56	26	4.8	0.15	<0.001	<0.0005	<0.0005	<1.0
				10/23/19	6.18	37.35	Kane	**7.3**	<0.20	<0.20	<0.020	5.92	15.4	162.8	3.82	164.3	<56	23	4.2	<0.050	<0.001	<0.0005	<0.0005	<1.0
				1/21/20	4.78	38.75	Kane	**3.4**	<0.20	<0.20	<0.020	6.32	11.0	236.2	4.38	105.9	<56	42	3.7	<0.050	<0.00055	<0.00022	<0.00029	<1.0
				4/23/20	5.01	38.52	Kane	**3.5**	<0.20	<0.20	<0.020	6.13	11.1	324.2	4.58	1.3	<56	57	4.4	<0.050	<0.00055	<0.00022	<0.00029	<1.0
				7/28/20	6.97	36.56	Kane	**5.1**	<0.20	<0.20	<0.020	6.02	17.5	312.3	3.71	87.5	<56	39	4.3	<0.050	0.00096	<0.00022	<0.00029	1.1
S-MW-2	Shallow *Decommissioned*	5 to 15	42.297	9/20/16	6.21	36.09	Kane	**47**	**7**	**26**	*<0.40*	6.41		339.0										
				10/24/16	3.95	38.35	Kane	**35**	**20**	**69**	**5.1**	6.83	17.8	349.0										
				9/21/18	6.03	36.27	Kane	**10.3**	**4.74**	**3.66**	<0.20	6.80	18.4	246.0	0.12	105.6	<100	19.3	4.29	<0.100	<0.00863	<0.0162	<0.0151	2.25
				1/2/19	4.40	37.90	Kane	**7.55**	**4.2**	**5.02**	<0.20	6.45		278.4	0.11	34.7	<100	19	4.74	<0.100	<0.00863	<0.0162	<0.0151	1.02
				6/6/19	5.14	37.16	Kane	**5.8**	**3.8**	**3.2**	<0.20	6.68	15.6	363.7	0.25	0.5	<56	35	6.6	<0.050	0.033	<0.0025	<0.0025	1.6
				7/24/19	5.34	36.96	Kane	**6.2**	**3.8**	**4.1**	**0.11**	6.18	18.5	338.0	0.14	-129.2	<56	21	7.4	<0.050	0.027	<0.0005	<0.0005	1.3
				10/17/19	5.26	37.04	Kane	**5.8**	**3.7**	**4.2**	**0.11**	6.34	17.6	245.9	0.10	193.1	<56	26	6.9	<0.050	0.023	<0.0005	<0.0005	1.6
S-MW-2R	Shallow	5 to 15	-	4/24/20	4.46		Kane	**5.5**	**2.4**	**2**	**0.029**	6.59	12.9	601.7	0.30	26.7	230	63	6.3	<0.050	0.0024	<0.00022	<0.00029	61
				7/28/20	5.43		Kane	**3**	**1.7**	**1.8**	<0.20	6.51	18.3	1097.0	0.18	-17.5	-	-	-	-	-	-	-	-
S-MW-3	Intermediate *Decommissioned*	25 to 35	42.807	9/16/16	6.62	36.19	Kane	**0.44**	<0.20	<0.20	<0.20	5.79		116.0										
				10/31/16	4.93	37.88	Kane	**1.7**	<0.20	<0.20	<0.20	6.04	15.9	116.0										
				9/21/18	6.51	36.30	Kane	**3.8**	<0.50	<1.00	<0.20	5.95	14.8	95.0	0.24	80.3	<100	13.7	2.82	<0.100	0.0652	<0.0162	<0.0151	1.24
				1/3/19	5.17	37.64	Kane	**2.28**	<0.50	<1.00	<0.20	5.57		103.2	0.14	49	<100	15	3.63	<0.100	0.0994	<0.0162	<0.0151	0.723
				6/5/19	6.05	36.76	Kane	**2.2**	<0.20	<0.20	<0.20	5.88	14.5	113.8	0.19	-9.3	<56	13	3.6	<0.050	0.49	<0.025	<0.025	<1.0
				7/24/19	6.75	36.06	Kane	**2.8**	<0.20	<0.20	<0.020	5.31	16.5	108.6	0.14	-177.5	<56	12	3.9	<0.050	0.47	<0.0005	<0.0005	<1.0
				10/17/19	6.08	36.73	Kane	**3.7**	<0.20	<0.20	<0.020	5.20	15	84.7	0.14	218.6	<56	13	4.4	<0.050	0.51	<0.0005	<0.0005	<1.0

Table 1
Bothell Service Center Simon Son
Groundwater Analytical Results

Well	Well Type and Water Bearing Zone	Screened Depth, (ft bgs)	Top of Casing (TOC) Elevation (feet)*	Date Sampled	Depth to Water (ft below TOC)	GW Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	(cis) 1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Dissolved Iron (ug/L)	Sulfate (mg/L)	Chloride (mg/L)	Ammonia as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Total Organic Carbon (mg/L)
S-MW-3R	Intermediate	25 to 35	-	4/24/20	5.42		Kane	**6.6**	**0.54**	<0.20	<0.020	6.05	13.6	189.7	0.27	189.7	79	14	5.5	<0.050	1.5	<0.00022	<0.00029	1.1
				7/28/20	5.99		Kane	**15**	**0.55**	**0.3**	<0.020	5.66	17.7	170.3	0.20	37.2	560	14	4.9	<0.050	6.5	<0.00022	<0.00029	1.2
S-MW-4	Deep *Decommissioned*	40 to 50	42.367	9/14/16	6.32	36.05	Kane	<0.20	<0.20	<0.20	<0.20	6.74		206.0										
				10/28/16	4.93	37.44	Kane	**0.66**	<0.20	<0.20	<0.20	6.44		191.0										
				7/19/18	6.23	36.14	Kane	**1.25**	<0.50	<1.00	<0.20	6.85	14.6	183.0	0.46									
				9/21/18	6.37	36.00	Kane	<1.00	<0.50	<1.00	<0.20	6.58	15.4	200.0	0.08	95.8	621	15	6.13	0.133	0.0092	<0.0162	<0.0151	2.37
				1/2/19	5.90	36.47	Kane	<1.00	<0.50	<1.00	<0.20	6.15		202.9	0.09	56.9	449	14.5	6.18	<0.100	0.0132	<0.0162	<0.0151	1.52
				6/5/19	6.04	36.33	Kane	**0.56**	<0.20	<0.20	<0.20	6.17	14.7	153.2	0.15	-4.6	410	15	4.5	<0.050	0.084	<0.005	<0.005	<1.0
S-MW-5	Shallow	15 to 25	41.357	10/28/16	4.56	36.80	Kane	**340**	<4.0	<4.0	*<4.0*	6.68	18.0	259.0										
				9/24/18	6.07	35.29	Kane	**530**	<5.0	<10	*<2.0*	6.38	16.2	164.0	2.17	48.5	<100	12.6	6.05	<0.100	<0.00863	<0.0162	<0.0151	1.36
				12/27/18	3.90	37.46	Kane	**1,690**	**6.03**	**16.7**	<0.20	6.31		235.5	0.98	58.2	<100	21.6	6.56	<0.100	<0.00863	<0.0162	<0.0151	0.506
				6/5/19	5.20	36.16	Kane	**880**	*<10*	<10	*<10*	6.57	15.2	205.1	1.81	7.3	<56	19	5.9	<0.050	<0.001	<0.0005	<0.0005	<1.0
				7/24/19	5.72	35.64	Kane	**530**	<4.0	<4.0	*<0.40*	6.22	17.6	169.8	1.93	-76.1	<56	15	7.5	<0.050	<0.001	<0.0005	<0.0005	<1.0
				10/17/19	5.88	35.48	Kane	**820**	<4.0	<4.0	*<0.40*	6.05	15.8	159.8	1.78	198.6	<56	17	5.3	<0.050	<0.001	<0.0005	<0.0005	<1.0
				1/21/20	5.00	36.36	Kane	**780**	<4.0	<4.0	*<0.40*	6.65	12.8	195.6	1.30	74.8	<56	22	6.1	<0.050	<0.00055	<0.00022	<0.00029	<1.0
				4/23/20	4.85	37.52	Kane	**1,500**	<10	<10	<1.0	6.37	13.4	217.3	2.11	-8.3	57	15	5.1	<0.050	<0.00055	<0.00022	<0.00029	<1.0
				7/27/20	5.69	35.67	Kane	**420**	<2.0	<2.0	<0.20	6.09	19.2	218.5	2.35	75.8	<56	16	3.8	<0.050	0.0026	<0.00022	<0.00029	<1.0
S-MW-6	Shallow	4 to 14	-	1/3/17	5.51		Kane	<0.20	<0.20	<0.20	<0.20	6.23		155.0										
				1/11/19	5.54		Kane	<1.00	<0.50	<1.00	<0.20	6.11		129.0										
				6/7/19	7.57		Kane	<0.20	<0.20	<0.20	<0.20	6.1	13.5	182.8	4.90	8.7	<56	29	7.3	<0.050	0.0016	<0.0005	<0.0005	<1.0
MTCA Method A Cleanup Level[1]								5.0	5.0		0.2													
MTCA Method B Cleanup Level[2]										16							11,200							

* HWA TOC elevation was used to calculate GW elevation during HWA sampling events.

Notes:

PCE – Tetrachloroethene
TCE – Trichloroethene
1,1-DCE - 1,1-Dichloroethene
(cis) 1,2-DCE - (cis) 1,2-Dichloroethene
Blank – Not analyzed or not available
Bold – Analyte detected
Bold / highlighted – Analyte exceeds MTCA A/B cleanup level
Italicized - Detection limit exceeds respective cleanup level
< – Analyte not detected at listed reporting limit
mg/L – micrograms per liter
MV – Millivolts
ES – Estimated concentration because analyte concentration was outside of lab instrument calibration range
DNAPL – Dense Non-Aqueous Phase Liquid
1 – Table 720-1, WAC 173-340-900
2 – WA Dept. of Ecology CLARC ground water data table (https://fortress.wa.gov/ecy/clarc/FocusSheets/Groundwater%20Methods%20B%20and%20A%20and%20ARARs.pdf)
NA – Not Applicable

* HWA TOC elevation was used to calculate GW elevation during HWA sampling events.