

City of Bothell[®]

January 10, 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 December 2019

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: October 1 - December 31, 2019

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, monitoring well sampling and report preparation for the soil excavation work. Additionally, the BSCSS consent decree was amended to incorporate the Wexler Settlement Area.

The attached progress report provides an update on work accomplished during the period ending December 31, 2019. Please contact me if you have any questions.

Sincerely, Nduba Mattinia Nduta Mbuthia Project Coordinator, City of Bothell

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



Reporting Period: Date submitted (electronically): Date mailed (certified w/return receipt): Prepared by: October 1 - December 31 January 10, 2020 January 14, 2020 Nduta Mbuthia, Project Coordinator City of Bothell, Public Works Department Phone: 425.806.6829 Email: <u>nduta.mbuthia@bothellwa.gov</u>

CONTENTS

A. <u>A list of on-site activities that have taken place during this quarter</u>

The following activities have occurred this quarter -

- Continued operation of the bio-remediation system
- BSCSS CD amendment to incorporate Wexler Settlement Area, executed October 31, 2019
- Draft environmental covenant for BSC transmitted to Ecology at the end of October 2019
- Groundwater sampling was completed in October; analytical data transmitted to Ecology
- Prepared a Cleanup Report for the soil excavation in the former ERH area. Report was transmitted to Ecology site manager on November 7, 2019
- Assembled BSCSS GW Isopleth figures, and time series; transmitted to Ecology Site Manager, November 27, 2019
- B. <u>Detailed description of any deviations from required tasks not otherwise documented in project plans or amendment requests:</u> None
- C. <u>Description of all deviations from the CAP (Exhibit C) and Schedule (Exhibit D) during the current quarter</u> 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:
 - N/A
 - <u>All raw data (including laboratory analyses) received by Defendants during the past quarter and an</u> <u>identification of the source of the sample:</u> GW monitoring Fall 2019 quarter sampling results - table attached
- E. <u>A list of deliverables for the upcoming quarter if different from the schedule:</u> Same as the updated schedule

Attachments

Pertinent email correspondence Updated Exhibit D from the CD (8-13-19) Groundwater sampling tables and maps Jerome,

Below is a link to the assembled BSCSS GW Isopleth figures. Within the linked folder is a sub-folder entitled "Time Series Graphs" where you can find the graphs:

https://kaneenvironmental.sharepoint.com/:f:/s/ActiveProjects/82302/ElbXVR0yEE1BnmwGTAA9bOsBcqcn5gE95L0C368_c2_Yvw

Please let me know if you have any problems viewing the link or have any questions. Thanks,

Jeff Jensen, Project Geologist

Kane Environmental, Inc. | Environmental Issues. Business Solutions. PO Box 31936, Seattle WA 98103 Headquarters 4015 13th Avenue West, Seattle, WA 98119 Direct: 206-673-5731 Cell: 425-344-3707 Toll Free 1-844-529-KANE Jeff@kane-environmental.com www.kane-environmental.com

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From:	Cruz, Jerome (ECY)
To:	Jeff Jensen
Cc:	John Kane; Nduta Mbuthia
Subject:	[EXTERNAL] RE: BSCSS - GW Isopleth Figures and Time Series Graphs
Date:	Monday, December 9, 2019 9:36:24 AM

Stop! Look! Think before you click! This message originated from outside the City of Bothell network. Use caution when clicking links or opening attachments.

Hi Jeff,

If you have a master analytical data table or database used for these visualizations, could you submit those, too. While I'm asking, do you have the complete analytical data tables for the Landing, Hertz, and Paint sites? The period would be from earliest records till present. It would go back as far as the Parametrix early draft RI/FS reports and maybe earlier. I would like to start assessing the remaining COC trends and see if we can reach any conclusions that could influence cleanup of these sites, as charted in their respective FCAPs and CMPs.

Thanks,

Jerome



Jerome B. Cruz, Ph.D. Toxics Cleanup Program, Northwest Regional Office 3190 - 160th SE Bellevue, WA 98008 Tel: (425) 649-7094 Fax: (425) 649-7098 Jerome.Cruz@ecy.wa.gov/programs/tcp/cleanup.html http://www.ecy.wa.gov/programs/tcp/cleanup.html

From: Cruz, Jerome (ECY)
Sent: Wednesday, November 27, 2019 1:23 PM
To: 'Jeff Jensen' <Jeff@kane-environmental.com>
Cc: John Kane <jkane@kane-environmental.com>; Nduta Mbuthia <Nduta.Mbuthia@bothellwa.gov>
Subject: RE: BSCSS - GW Isopleth Figures and Time Series Graphs

Hi Jeff, Confirming receipt of the files. I will get to you all if I have any questions or comments, or additional requests. Thank you, Jerome



Jerome B. Cruz, Ph.D. Toxics Cleanup Program, Northwest Regional Office 3190 - 160th SE Bellevue, WA 98008 Tel: (425) 649-7094 Fax: (425) 649-7098 Jerome.Cruz@ecy.wa.gov/programs/tcp/cleanup.html http://www.ecy.wa.gov/programs/tcp/cleanup.html

From: Jeff Jensen [mailto:Jeff@kane-environmental.com]
Sent: Wednesday, November 27, 2019 12:03 PM
To: Cruz, Jerome (ECY) <<u>JCRU461@ECY.WA.GOV</u>>

Cc: John Kane <<u>jkane@kane-environmental.com</u>>; Nduta Mbuthia <<u>Nduta.Mbuthia@bothellwa.gov></u> **Subject:** BSCSS - GW Isopleth Figures and Time Series Graphs

THIS EMAIL ORIGINATED FROM OUTSIDE THE WASHINGTON STATE EMAIL SYSTEM - Take caution not to open attachments or links unless you know the sender AND were expecting the attachment or the link

From:	Nduta Mbuthia
To:	JCRU461@ECY.WA.GOV
Cc:	John Kane; Jeff Jensen
Subject:	CD deliverable C9 - BSCSS cleanup action report
Date:	Thursday, November 7, 2019 11:38:28 AM
Attachments:	2019.11.7 Letter of Transmittal CD deliv - CAR.pdf

Hi Jerome,

Please find attached, a letter of transmittal for the BSCSS cleanup action report, identified as CD deliverable C9 on Exhibit D. You may download the electronic file from page 2 of the attachment. John will mail two hard copies to Ecology for your records, thanks

Nduta

Please note: Email exchanges may be public records and subject to disclosure.



City of Bothell[™]

Public Works Department

City Hall 18415, 101st Ave NE Bothell, WA 98011

LETTER OF TRANSMITTAL

Phone (425) 806-6800 Fax (425) 806-6130

Date: November 7, 2019

Company:	Department of Ecology
Attn:	Jerome Cruz
Address:	NWRO Toxics Cleanup
	Program 3190 - 160th SE
	Bellevue, WA 98008

From: Nduta Mbuthia, Capital Projects Engineer, Public Works

Attached please find:

The following CD deliverable for BSCSS:

- Cleanup Action Report, (deliverable C9) for Bothell Service Center

For your review & comments	For your action
At your request	Approved as noted
Returned for correction	Please return all copies
Other:	

Comments: 2 Hard Copies also sent by USPS mail

From:	Jeff Jensen
To:	Nduta Mbuthia
Cc:	John Kane
Subject:	[EXTERNAL] RE: BSC cleanup action report
Date:	Thursday, November 7, 2019 10:19:57 AM
Attachments:	BSCSS - DRAFT Cleanup Action Report - 2019-10-29 v.2.doc

Stop! Look! Think before you click! This message originated from outside the City of Bothell network. Use caution when clicking links or opening attachments.

Nduta,

Attached is a word copy of the Draft Cleanup Action Plan with your changes accepted. Below is a link to the assembled pdf:

https://kaneenvironmental.sharepoint.com/:b:/s/ActiveProjects/82302/EbukT31iZcFNsFsVo0ViMmYBpxd8A46xNmp7xB4bFiN_MQ

Let me know if you have any problems opening the link or have any questions. Thanks,

Jeff Jensen, Project Geologist

Kane Environmental, Inc. | Environmental Issues. Business Solutions. PO Box 31936, Seattle WA 98103 Headquarters 4015 13th Avenue West, Seattle, WA 98119 Direct: 206-673-5731 Cell: 425-344-3707 Toll Free 1-844-529-KANE

From:	Jeff Jensen
То:	Cruz, Jerome (ECY)
Cc:	John Kane; Nduta Mbuthia
Subject:	[EXTERNAL] BSCSS - GW Analytical Results
Date:	Wednesday, November 27, 2019 9:09:32 AM
Attachments:	BSCSS - Laboratory Analytical Reports - 2019-10.pdf
	BSCSS - Table 1 - GW Analytical Data.pdf

Stop! Look! Think before you click! This message originated from outside the City of Bothell network. Use caution when clicking links or opening attachments.

Jerome,

I have attached the groundwater analytical results for BSCSS which include the most recent Fall 2019 sampling event. I have also attached the laboratory analytical reports. Later today I will also be sending over the BSCSS GW Isopleth Figures and Time Series Graphs for your review. Thanks,

Jeff Jensen, Project Geologist

Kane Environmental, Inc. | Environmental Issues. Business Solutions. PO Box 31936, Seattle WA 98103 Headquarters 4015 13th Avenue West, Seattle, WA 98119 Direct: 206-673-5731 Cell: 425-344-3707 Toll Free 1-844-529-KANE Jeff@kane-environmental.com www.kane-environmental.com

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Exhibit D Site Schedule of Work and Deliverables

	Deliverables	Due (Calendar Days)
	A. Adm	inistrative
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 10 th 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. L	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 C	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 Con	struction 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.

 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.

					Depth to											Oxidation								Total
	Well Type and		Top of Casing		Water (ft	GW				(cis)	Vinyl		_		Dissolved	Reduction			<u>.</u>	Ammonia				Organic
Well	Water Bearing Zone	Screened	(TOC) Elevatio		below	Elevation	Sampled	PCE	TCE		Chloride	-		Conductivity	Oxygen	Potential			Chloride	as N	Methane	Ethane	Ethene	Carbon
		Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	Shallow Decomissioned	5 to 20	46.952	3/16/01 7/13/01			ERM ERM	<u>113</u> 23.7	38.3 10.3	28.1 4.82	<1.0 <1.0													
	Decomissioned			10/26/01			ERM	8.71	2.84	1.29	<1.0													-
				12/2/02			ERM	239	380	1,200	<1.0													1
				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 8/14/06			Farallon Farallon	12,000 18,000	<50 <200	<50 <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 6/11/09			Farallon	450	10	6.6		6.3		88.0	10.5	120		8.8			<0.5	< 0.5	< 0.5	2.95
				9/14/09			Farallon Farallon	17,000 31,000	<100 <200	<100 <200		6.1 6.3		242.0 328.0	2.32 0.74	80.1 158		18 21			8.6 28	<0.5 <2.5	<0.5 <2.5	2.2 3.7
				5/27/10			Farallon	23,000	<100	<100	<100	6.4		200.0	2.26	58.4		21			20	.2.0	.2.0	0.1
				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 4/4/14			DOF DOF	8,000	56	81	<0.2 <0.02	6.7 7.1		203.0 117.0	5.5 5.5	68.4 -14					4.5	<1.2 <1.2	<1.1 <1.1	11.8 8.28
				4/4/14			DOF	270 28,000	16 160	49 140	<0.02 <2.0 U	6.3		348.0	0.3	-14 18.6					<0.7 36.8	<1.2 <1.2 U	<1.1 <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										
		E 1 . 00	40.007	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 7/13/01			ERM ERM	<u>13,800</u> 419	834 16.4	106 ES <1.0	<1.0 <1.0	-												+
	Decomissioned			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 8/14/06			Farallon Farallon	29,000 32,000	<200 300	<200 240		5.8		317.0	0.97	478.5								
				5/14/07			Farallon	6,100	40	38		6		264.0	0.07	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 6/11/09			Farallon	270	550	290		6.5		296.0 294.0	0.56	24.7		7.3			500 4400	<50	<50	6.36
				9/14/09			Farallon Farallon	1,100 1,700	1,400 2,200	1,700 7,800		6.3 6.3		323.0	0.73 0.68	60.9 147.5		8.5 12			3800	<500 <500	<500 <500	6.4 13
				5/27/10			Farallon	240	<60	12,000	70	6.1		512.0	0.31	-15.9					0000			
				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		6.2		809.0	0.34	-101.4		<10			5200	<380	680	71
				3/20/13 4/7/14			DOF DOF	540 390	690 630	14,000 5,300	830 ES 850	7.4 7.2		561.0 320.0	0.31	-111 -352					15900 14500	<1.2 <1.2	1240 388	27 8.26
				10/10/14			DOF	320	93	8,900		6.2		382.0	0.3	-332					9760	<1.2 U	349	7.49
				11/11/15		38.74	HWA	2,400	4,100	15,000		5.78		463.0	0.00	-85.9		39			5900	<380	580	11
				9/23/16		39.01	Kane	8	6.6	8.1	6.6	6.59		241.0										
MW-3	Shallow	E to 20	47.957	11/1/16	8.31	40.59	Kane ERM	8.3	<u>6.1</u>	10	<u>11</u>	6.31	15.3	244.0										
10100-3	Shallow	5 to 20	47.957	3/16/01 10/26/01			ERM	<1.0 <1.0	<1.0 <1.0	<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								1
				4/27/05			Farallon	<0.2	<0.2	<0.2		5.5		275.0	0.96	132								
				8/14/06 5/14/07			Farallon	<0.2	<0.2	< 0.2		5.8	+	307.0	1.95	456								+
				5/14/07			Farallon Farallon	<1.0 <1.0	<0.2 <0.2	<0.2 <0.2		5.7 6.2		264.0 330.0	1.75 0.76	408 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		00 75	DOF	0.39	<0.2 U	<0.2 U		5.7		339.0	0.3	-0.9					1570	<1.2 U	<1.1 U	9.82
				9/23/16		39.70 41.09	Kane	0.22 <0.20	<0.20	<0.20	<0.20 <0.20	6.10	16 1	243.0 305.0										+
I	l	1	1	11/1/16	6.87	41.09	Kane	<0.20	<0.20	<0.20	<u>~0.20</u>	6.00	10.1	JUD.U			1							<u> </u>

																								.
	Well Type and		Top of Casing		Depth to Water (ft					(cis)	Vinyl				Dissolved	Oxidation Reduction				Ammonia				Total Organic
	Water Bearing	Screened	(TOC) Elevation	Date	below	Elevation	Sampled	PCE	TCE		Chloride	pН	Temp	Conductivity	Oxygen	Potential	Dissolved	Sulfate	Chloride	as N	Methane	Ethane	Ethene	Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
				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 6/4/19	7.79 7.96	40.167 39.997	Kane Kane	<1.0 0.72	<0.50 <0.20	<1.0 <0.20	<0.20 <0.20	6.03 6.35	12 15.5	57.5 62.1	8.2 9.97	141.5 3.6	<100 <56	4.16 <5.0	3 3.4	<0.10 <0.05	<0.00863 <0.001	<0.0162 <0.0005	<0.0151 <0.0005	2.36 2.1
MW-4	Shallow	10 to 25	45.717	7/13/01	7.30	33.331	ERM	9.390	58.8 ES	<0.20 86ES	<1.0	0.55	10.0	02.1	5.51	0.0	~30	×0.0	5.4	-0.05	~0.001	~0.0005	<0.0000	2.1
			-	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			-										ļ
				10/1/02	-		Farallon	21,000	230	400		6.6		282.0	0.98	101								
				4/28/05 8/15/06			Farallon Farallon	6,700 8,500	160 210	110 250		6.6 5.7		305.0 311.0	0.83	97.4 504								<u> </u>
				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 9/14/09			Farallon Farallon	1,600 10,000	2,000 890	240 510		6.3 6.1		285.0 290.0	0.63 0.59	61.7 167	-	15 17	+	-	310 5400	<25 <500	<25 <500	2.1 1.8
				5/27/10			Farallon	5,800	310	1,200	<50	6.7		255.0	0.33	-32.1					0-00			1.0
				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 10/10/14			DOF DOF	1,500 2,000	160 140	1,900 240	5.6 <1.0 U	6.8 6		290.0 306.0	0.5	-53 4.8					15200 14400	<1.2 <1.2 U	<1.1 <1.1 U	1.63 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										ļ
				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 2/22/19	7.67 7.23	38.05 38.49	Kane Kane	4,370 4,080	373 343	1,720 1790	<10 9.72	6.35 6.49	16.2 13.9	347.4 311.5	0.12	50 19.9	604 <100	18.8 16.2	16 16.5	<0.100 <0.10	0.721 4.12	<0.162 <0.0162	<0.151 <0.0151	3.1 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
MW-5	Shallow	10 to 25	44.297	7/13/01 10/26/01			ERM ERM	2,650 1,670	14.5	31.1	<1.0 <100													
				2/12/02			ERM	1,870	<100 18.2	<100 38.5	<1.0													<u> </u>
				10/1/02			Farallon	3,900	72	170	\$1.0	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				050.0	0.04	470								
				8/14/06 5/14/07			Farallon Farallon	10,000 650	240 16	270 23		5.7 5.7		259.0 290.0	0.91 1.63	470 448								
				11/27/07			Farallon	1,300	25	31		6		290.0	7.09	128	1		+					Г.
				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 10/10/14			DOF DOF	1,300 7,600	79 220	65 140	0.03 <10 U	6.7 5.8		257.0 163.0	0.1	-35 13.7					2570 3260	<1.2 <1.2 U	<1.1 <1.1 U	1.59 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		37.92	Kane	590	26	29	<4.0	6.22		291.0				/ - -			0.00		0.0.1-	
				9/14/18		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 6/10/19	6.29 6.93	38.01 37.37	Kane Kane	<u>58.5</u> 140	<u>13.6</u> 81	1.13 280	<0.20 4.1	6.05 6.53		325.0 548.0	0.08	19.5 -6.2	1,810 20,000	15.7 6.6	7.48 12.0	<0.100 1.8	<0.00863 1.6	<0.0162 <0.250	<0.0151 <0.250	3.79
MW-6	Shallow	10 to 25	47.142	7/13/01	0.00	51.51	ERM	30,000	618	231 ES		5.00	70.7	0.0	9.22	0.2	_0,000	0.0	12.0	1.0	1.5	0.200	0.200	0.0
				10/26/01]		ERM	13,500	<400	<400	<400													
				2/12/02			ERM	21,800	1,110 ES		<1.0			00/0										
				10/1/02			Farallon	27,000	1,100	470		6.6		201.0	0.92	95.2			+					ł
				4/27/05 8/15/05			Farallon Farallon	15,000 30,000	1,100 1,500	460 930		6.2		235.0	3.14	119				}				<u> </u>
				8/13/03			Farallon	24,000	1,100	1,500		5.8		335.0	1.06	483	1							
1	I	1	1	0, 11,00	J	1	· aranon	,	.,	.,	1	0.0	1	500.0	1.00	100	1		1	1	1	1		

					Dopth to											Ovidation								Tatal
	Well Type and		Top of Casing		Depth to Water (ft	GW				(cis)	Vinyl				Dissolved	Oxidation Reduction				Ammonia				Total Organic
	Water Bearing	Screened	(TOC) Elevation	Date	below	Elevation	Sampled	PCE	TCE		Chloride	рН	Temp	Conductivity	Oxygen	Potential	Dissolved	Sulfate	Chloride		Methane	Ethane	Ethene	Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
				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 6/11/09			Farallon Farallon	12,000 20,000	610 780	440 710		6.5 6		190.0 270.0	4.94 1.96	115 98		15 20			2.9 8	<0.5 <0.5	<0.5 <0.5	2.54
				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 3/20/13			Farallon DOF	460 500	72 140	2,100 9,600	<20 56 ES	6.5 7.3		561.0 444.0	0.44	-178 -144		<5			490 5790	<50 <1.2	<50 2	33 12.3
				4/4/14		ł	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		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	475	559.0										_
				10/27/16 7/17/18	7.87 8.92	39.27 38.22	Kane Kane	<50 27.4	<50 14.3	9,500 4,480	<u>1,900</u> 851	6.60 6.91	17.5 20.3	410.0 365.0	0.00									
				9/18/18	8.92 9.51	38.22	Kane	738	238	4,480 2,620	472	6.39	34.8	365.0	0.00	-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	
				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	
				7/25/19 10/21/19	9.06 8.76	38.08 38.38	Kane	3,600	1,100	490	7.4	6.16	41.5	401.0 562.0	0.04	-108.1 -74.6	9,200	<5.0	14	0.18	0.73	<0.0005	0.019	22 19
MW-7	Shallow	10 to 25	45.527	7/13/01	8.70	38.38	Kane ERM	74 10,100	38 35	1,200 30	3.2 <1.0	6.08	31.3	562.0	0.04	-74.0	13,000	<5.0	16	0.12	2.3	<0.0005	0.00094	19
	Challow	10 10 20	40.027	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 8/14/06			Farallon Farallon	4,900 4,000	27 <40	<20 <40		6.1		303.0	0.82	386								
				5/14/07			Farailon	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 9/14/09			Farallon Farallon	2,100 6,300	34 120	33 79		6.5 6.3		340.0 318.0	0.62	62.3 170		25 24			140 23	<10.0 <2.5	<10.0 <2.5	2.3 1.9
				5/27/10			Farallon	830	120	14	<10	6.6		289.0	0.72	-22.6		24			23	~2.5	~2.5	1.9
				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 10/11/14			DOF DOF	2,100 6,200	130 380	750 3,400	2.3 10	7.1 6.3		329.0 391.0	0.6	-47 -27					989 6580	<1.2 <1.2 U	<1.1 <1.1 U	2.57 2.44
				11/11/15	10.12	35.45	HWA	<u>6,200</u> 950	42	3,400 240	<10	6.32		282.0	0.1	12.5		16			290	<1.2 0	<1.10	2.44
				9/21/16	8.92	36.61	Kane	3,800	160	1,300	<20	6.32		350.0	0.00						200			
				10/25/16		37.32	Kane	450	32	280	<4.0	6.88	15.7	323.0										
				10/26/16		38.23	Kane					6.62	14.9	316.0				22		< 0.050				2.8
				9/18/18 11/30/18	9.12 8.9	36.41 36.63	Kane Kane	1,370	78.1 305	673 1,440	5.85 <10	6.69	15.8 15.1	369.0 411.3	0.12	17.3 30.8	2,620 1,620	37 35	5.48 8.5	<0.100 <0.100	1.29 0.197	<0.0162 <0.162		3.84 4.18
				5/24/19		37.57	Kane	2,670 1,000	84	240	<10	6.41 6.68		411.3	0.11	-9.2	3,900	33	6.1	<0.100	0.197	<0.102	<0.131	
MW-8	Deep	45 to 50	47.387	10/1/02	1.00	01.01	Farallon	51	0.98	0.88	-10	7	10.0	487.0	0.73	-355	0,000	5,	5.1		0.040			2.0
				4/28/05		1	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 5/22/08			Farallon Farallon	2.2 79	<0.2 7.2	<0.2 12		6.7 6.2		164.0 139.0	0.54 5.8	80.7 153								
				8/25/08			Farailon	93	4.8	4.4		6.3		118.0	2.1	391	1	12		1	<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		<u> </u>		<u> </u>	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

					Dopth to											Ovidation								Total
	Well Type and		Top of Casing		Depth to Water (ft	GW				(cis)	Vinyl				Dissolved	Oxidation Reduction				Ammonia				Total Organic
	Water Bearing	Screened	(TOC) Elevation	Date	below	Elevation	Sampled	PCE	TCE		Chloride	pН	Temp	Conductivity		Potential	Dissolved	Sulfate	Chloride	as N	Methane	Ethane	Ethene	Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
				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	0.00			12		<0.050				1.4
				7/17/18 9/17/18	9.7 10.33	37.69 37.06	Kane Kane	8.75 14.8	1.59 2.14	4.21 8.25	<0.20 <0.20	6.81 6.56	15.8 20.1	173.0 187.0	0.32	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		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 10/21/19	9.65 9.54	37.74 37.85	Kane	1.9	0.48	0.53	<0.020	6.04	34.4 25.8	221.5 222.7	0.11	54.2 101.3	450 460	7.5	8.4	<0.050 <0.050	0.14	<0.0005 <0.0005	<0.0005 <0.0005	2.1 2.6
MW-9	Deep	45 to 50	49.857	10/21/19	9.04	37.00	Kane Farallon	1.0 250	0.35	0.41 <2.0	<0.020	6.06 7.3	20.0	373.0	0.14	-197	400	9.6	9.4	<0.050	0.49	<0.0005	<0.0005	2.0
	Decomissioned	40 10 00	40.007	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		.5			000		.4.4	1.05
				8/26/08 1/9/09		+	Farallon Farailon	6,000 160,000	3,400 <1,000	<50 <1,000		7.2 7.5		166.0 213.0	1.2 1.4	102 78.9		<5 <5			982 530	<1.2 <50	<1.1 <50	1.65 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 3/20/13		+	Farallon DOF	21,000 DNAPL	<200 DNAPL	<200 DNAPL	<200 DNAPL	7.6		218.0	0.39	63.2		<5			1400	<100	<100	1.3
				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	0.4	-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										
MW-10	Shallow	5 to 25		10/26/16 4/27/05	9.71	40.15	Kane	42,000	<300	<300	<300	7.54	14.8	254.0				3,300		0.44				<1.0
10100-10	Decomissioned	5 10 25		4/27/05		-	Farallon	3	<0.2	<0.2														
MW-10R	Shallow	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										
	Decomissioned			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 8/25/08		+	Farallon Farallon	23 27	0.24	<0.2 <0.2		6.2 6.3		174.0 142.0	0.84	132 238		18			29.8	<1.2	<1.1	1.71
				3/20/13		+	DOF	5.6	0.55	0.2	<0.02	6.6		296.0	0.1	-50.6		10			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			371.0	0.4	16.8					2150	<1.2 U	<1.1 U	2.72
				11/11/15		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 10/26/16	9.42 7.98	37.79 39.23	Kane Kane	9.9 2.0	<0.20 <0.20	0.42 <0.20	<0.20 <0.20	6.29 6.38	16.5	408.0 376.0				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			24		~0.000				4.2
				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		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		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		
				5/22/19 7/25/19	8.48 9.12	38.73 38.09	Kane Kane	75 39	69 41	14 7.7	<0.40	6.13 6.2	45.7 40.8	468.0 407.0	0.04	-18 -43.8	810 660	<u>13</u> 10	13 11	<0.050 0.068	0.49	<0.0005 <0.0005		
				10/21/19		38.29	Kane	3.5	3.8	220	0.34 1.5	6.33	27.8	522.0	0.04	-43.8	1,500	<5.0	15	< 0.050	1.1	< 0.0005		
MW-12	Intermediate	25 to 33	45.467	11/28/07	5.02		Farallon	2,300	30	39		6.9		326.0	1.48	165	.,	0.0		2.000		2.0000	5.0000	
				5/22/08		1	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 9/14/09		+	Farailon Farallon	2,500 700	53 5.1	29 <4		6.2 6.2		293.0 263.0	0.62	75.4 168	+	22 20			30 4.8	<3.0 <0.5	<3.0 <0.5	1.7 2.4
				5/27/10		†	Farallon	2,800	240	80	<20	6.5		265.0	0.32	8.7		20			7.0	.0.0	.0.0	£T
				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
		1		4/4/14			DOF	5,900	240	730	2.1	6.9	1	327.0	0.1	-52	1		I		12300	<1.2	<1.1	2.88

																								1
	Well Type and		Top of Casing		Depth to Water (ft	GW				(cis)	Vinul				Dissolved	Oxidation Reduction				Ammonio				Total
	Water Bearing	Screened	(TOC) Elevation	Date	below	Elevation	Sampled	PCE	TCE	· · ·	Vinyl Chloride	pН	Temp	Conductivity	Oxygen	Potential	Dissolved	Sulfate	Chloride	Ammonia as N	Methane	Ethane	Ethene	Organic Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled		(feet)	By	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
		1 /(0 /	· · · ·	10/10/14	,	· · /	DOF	4,100	390	150	<2.0 U	6.2	(-)	360.0	0.2	-25.6	(0)	(0)	(0 /	(0)	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	0.2	11		16			3000	<1.2 0	<18	2.02
				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 5/24/19	8.59 7.92	36.88 37.55	Kane Kane	2,340 5,400	194 400	669 780	<4.0 <30	6.16 6.25	15.1 14.1	533.8 383.9	0.11 0.30	84.5 -89.5	2,330 530	14 24	46.2 9.5	<0.100 <0.050	0.727	<0.162 <0.250	<0.151 <0.250	3.9 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	<0.200	<0.200	2.3
				10/18/19		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
MW-13	Deep	40 to 55	48.777	11/28/07			Farallon	<1.0	<0.2	<0.2		7.10		152.0	1.35	151								
	Damaged																							
MW-14	Intermediate	22 to 32	49.157	11/28/07	40.00	00.00	Farallon	< 0.2	< 0.2	< 0.2	.0.00	7.0		146.0	4.0	160		.10			44000	.500	.55	40
	Decomissioned			11/11/15	10.23	38.96	HWA	<0.20	<0.20 <0.20	<0.20	< 0.20	5.56 6.08		395.0 243.0	0.00	-99		<10			11000	<500	<55	13
				9/21/16 11/1/16	9.53 8.29	39.63 40.87	Kane Kane	0.91 <0.20	<0.20	<0.20 <0.20	<0.20 <0.20	5.96	15.6	307.0										
MW-15	Intermediate	22 to 32		11/28/07	0.20		Farallon	<0.2	<0.2	<0.2	0.20	6.8		157.0	4.0	170					1			1
	Decomissioned					Ī																		
MW-16	Deep	40 to 55		11/28/07			Farallon	10	<0.2	<0.2		7.9		124.0	6.9	130								
	Decomissioned	40 1 50	40.047	4.4.10.0.10.7										400.0	0.40									<u> </u>
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	22 to 30	48.747	11/28/07			Farallon	270	<2.0	<2.0		7.2		266.0	0.83	158								łł
111111	Decomissioned	22 10 00	40.141	5/22/08	_	-	Farallon	< 0.25	<0.25	<0.25		1.2		200.0	0.00	100								1
				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	45.0	238.0										ļ'
MW-19	Shallow	9 to 19	47.517	10/27/16		40.64 38.26	Kane HWA	<0.20 8,200	<0.20 70	2.0 76	0.47 <50	5.90 6.34	15.8	256.0 638.0	3.75	49.2		31			74	<15	2.2	7.9
10100-19	Decomissioned	91019	47.517	9/21/16	9.31	38.32	Kane	1,800	84	490	<00 34	6.34		313.0	3.75	49.2		31			74	<15	2.2	1.9
	Decennicerenea			10/25/16		39.50	Kane	5,700	140	860	61	6.70	17.8	296.0										
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		39.13	Kane	140	44	120	17	6.44	16.4	348.0	0.05	4.4	0.440	43	0.00	0.21	0.0440	10.0400	10.0454	4.3
				12/20/18 3/14/19	7.5 7.55	39.36 39.31	Kane Kane	32 <0.841	879 136	552 163	2.23 <2.0	5.72 6	-	263.9 219.3	0.05	-4.4 68.3	3,140 1,460	2.56 0.348	8.88 7.8	1.54 1.07	0.0446	<0.0162 <0.0162	<0.0151 <0.0151	95.4 45.3
				6/6/19	8.03	38.83	Kane	0.43	51	31	<0.40	6.45	55.6	219.3	0.2	4.4	950	<5.0	7.4	0.75	0.0403	<0.0102	< 0.0151	16
				7/25/19		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		
				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
MW-21	Shallow	10 to 15	45.717	11/16/15		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		36.67	Kane	27,000	540	360	<200	6.56	17.7	355.0							-			+
				10/31/16 9/10/18	6.97 9.31	38.75 36.41	Kane Kane	8,400 410	210 12	<u>190</u> 9	<50 <0.20	6.32 6.22	17.7	319.0 280.0	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	< 0.0200			
				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		36.55	Kane	11	< 0.20	1.5	<0.20	7.42		236.0										
				10/26/16		37.80	Kane	2.1	<0.20	2.2	<0.20	7.63 7.87	14.7	262.0	0.00			<5.0		0.24				1.2
				7/16/18 9/19/18		36.69 36.11	Kane Kane	<1.00 <1.00	<0.50 <0.50	1.6 1.22	<0.20 <0.20	7.54	15.4 15.2	214.0 251.0	0.00	33.9	<100	0.932	6.65	0.392	0.654	<0.0162	<0.0151	2.37
				12/3/18		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		
				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		
MW-23	Shallow	6 to 16	48.027	9/20/16		39.11	Kane	0.46	<0.20	<0.20	<0.20	5.91		123.0										
				11/1/16		40.74	Kane	2.2	<0.20	< 0.20	<0.20	6.19	15.0	128.0	0.07	547		0.00	0.70	10,100	4.04	10.0100	10.0151	0.74
				9/19/18 12/5/18		38.99 39.33	Kane	<1.00 1.05	<0.50 <0.50	<1.00 <1.00	<0.20 <0.20	6.16 5.65	16.2 14.4	94.0 112.4	0.87	54.7 49.8	<100 124	8.86 10.3	2.79 2.16	<0.100 <0.100	1.04 0.0854	<0.0162 <0.0162		
				2/12/19		39.33 39.85	Kane Kane	2.11	< 0.50	<1.00	<0.20	5.65	14.4	75.1	5.16	49.8 128.7	<100	6.02	1.46	<0.100	<0.00854			
				6/4/19		39.46	Kane	0.94	<0.30	<0.20		6.13	14.9	113.4	0.87	120.7	720	6.7	3.3	<0.10	0.14	<0.0075		
MW-24	Deep	44 to 54	48.962	11/1/16		40.07	Kane	9.0	< 0.20	<0.20	<0.20	8.44	14.7	225.0	-	·	-		-					

	Well Type and		Top of Casing		Depth to Water (ft	GW				(cis)	Vinyl				Dissolved	Oxidation Reduction				Ammonia				Total Organic
	Water Bearing	Screened	(TOC) Elevation		below	Elevation	Sampled	PCE	TCE	1,2-DCE	Chloride	pН	Temp	-	Oxygen	Potential			Chloride	as N	Methane	Ethane	Ethene	Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
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	47.0	324.0	-									
MW-26	Decomissioned Intermediate	25 to 35	46.047	10/25/16 9/20/16	7.75 9.04	38.46 37.01	Kane Kane	<u>99</u> 13	7.4 0.29	10 5.3	<1.0 <0.20	6.58 6.48	17.3	184.0 379.0										┝───┦
	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	40.4	87.0										
				10/31/16 7/19/18	8.22 10.40	39.96 37.78	Kane Kane	120 138	<0.40 <0.50	<0.40 <1.00	<i><0.40</i> <i><</i> 0.20	5.95 5.89	16.4 15.2	63.0 126.0	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 7/16/19	9.65 10.39	38.53 37.79	Kane Kane	<u>110</u> 91	<1.0	<1.0 <0.40	<1.0 <0.040	5.73 4.53	13.1 16.3	131.9 120.9	8.54 6.39	41.5 155.7	<56 <56	24 23	4.7 3.6	<0.050 <0.050	<0.001 <0.001	<0.0005 <0.0005	<0.0005 <0.0005	<1.0 <1.0
				10/18/19	10.05	38.13	Kane	130	<1.0	<1.0	<0.10	5.20	16.5	97.3	7.17	243.9	<56	23	4.5	<0.050	<0.001	<0.0005	<0.0005	8.7
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	0.40									ļļ
				7/19/18 9/14/18	10.48 10.6	37.71 37.59	Kane Kane	<1.00 <1.00	<0.50 <0.50	<1.00 <1.00	<0.20 <0.20	6.32 6.12	14.2 14.6	122.0 127.0	3.12 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
MW-29	Deep	45 to 55	48.242	5/24/19 9/15/16	9.85 10.5	38.34 37.74	Kane Kane	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	5.54 7.33	13.6	116.0 254.0	1.8	-74.6	<56	9.5	6.2	<0.050	0.0096	<0.0005	<0.0005	<1.0
10100-2.5	Беер	40 10 00	40.242	10/27/16	9.01	39.23	Kane	0.20	<0.20	<0.20	<0.20	7.06	14.5	254.0										
				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 6/4/19	10.25 10.08	37.99 38.16	Kane Kane	1.06 0.26	<0.50 <0.20	<1.00 <0.20	<0.20 <0.20	7.05 7.40	13.8 16.3	276.8 265.3	0.15 0.25	-16.7 15	<100 450	6.72 <5.0	5.32 26	0.243	0.04	<0.0162 <0.015	<0.0151 <0.015	3.02 2.2
				7/16/19	10.61	37.63	Kane	< 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
	a t 11			10/18/19	10.48	37.76	Kane	<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
MW-30	Shallow Decomissioned	9 to 19	48.142	9/20/16 10/26/16	8.81 7.33	39.33 40.81	Kane Kane	92,000 130,000	<500 <1.000	<500 1,300	<500 <1.000	6.65 6.40	15.7	241.0 619.0				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	10.7	244.0				120		0.10				20
	Decomissioned			10/28/16	8.25	39.57	Kane	7.8	0.22	<0.20	<0.20	6.79		250.0										
MW-32	Deep Decomissioned	45 to 55	45.952	9/19/16 10/27/16	8.94 7.51	37.01 38.44	Kane Kane	950 1.200	7.7 <10	<4.0 <10	<4.0 <10	7.57 7.65	14.8	285.0 276.0										┝───┦
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	14.0	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 6/4/19	9.17 10.56	40.38 38.99	Kane Kane	<1.0 <0.20	<0.50 <0.20	<1.0 <0.20	<0.20 <0.20	6.35 6.42	15.1 16.1	164.3 196.6	0.18 0.19	204.8 31.6	<100 <56	11.5 13	6.45 6.6	<0.10	<0.00863	<0.0162 <0.0005	<0.0151	1.44 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	0.1.0	0110			0.0	0.000	0.0012	010000	010000	
				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 9/18/18	8.82 9.45	37.78 37.15	Kane Kane	<1.00 <1.00	<0.50 <0.50	<1.00 <1.00	<0.20 <0.20	6.53 6.37	15.5 17.6	240.0 255.0	0.00	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	0.0407	<0.0162	<0.0151	1.2
				2/21/19		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	
MW-35	Deep	48 to 58	44.247	6/3/19	8.28	38.32	Kane	1.3 2.1	<0.20	3.2	<0.20	6.16 6.92	32.4	263.9	0.19	18.6	440	15	29	<0.050	0.14	<0.0075	<0.0075	1.8
10100-35	Deep	40 10 56	44.247	9/16/16 10/27/16	8.19 6.65	36.06 37.60	Kane Kane	1.4	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	6.92	14.4	230.0 235.0										
				7/16/18		36.51	Kane	<1.00	<0.50	<1.00	<0.20	7.35	15.0	217.0	0.13									
				9/10/18		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 6/3/19	7.53 7.41	39.07 36.84	Kane Kane	<1.00 0.66	<0.50 <0.20	<1.00 <0.20	<0.20 <0.20	6.66 6.45	14.1 14.8	269.9 221.6	0.10	5.6 19.3	942 1,900	7.13 5.4	13.1 12	0.22	0.111 0.15	<0.0162 <0.0075		2.09 1.6
				7/25/19	7.92	36.33	Kane	< 0.20	<0.20		<0.20	6.31	14.0	590.0	0.08	-224	2,700	5.2	12	0.13	0.13	<0.0005	<0.0075	1.0
			/=	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	
MW-36	Intermediate	25 to 35	47.327	9/19/16 11/1/16	8.68	38.65	Kane	2.5	<0.20	<0.20	<0.20	6.56	15 1	257.0 264.0										
MW-37	Shallow	15 to 25	47.557	9/19/16	7.31 9.81	40.02 37.75	Kane Kane	7.3 0.7	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	6.60 6.40	15.1	264.0										
				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	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										
	I	I	I	10/28/16	7.66	39.53	Kane	0.26	<0.20	<0.20	<0.20	6.78		266.0										

					Depth to											Oxidation								Total
	Well Type and		Top of Casing		Water (ft	GW				(cis)	Vinyl				Dissolved	Reduction				Ammonia				Organic
	Water Bearing	Screened	(TOC) Elevation		below	Elevation	Sampled	PCE	TCE		Chloride	рН			Oxygen	Potential		Sulfate		as N	Methane	Ethane	Ethene	Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
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	2 5	4 590	0.10	2.45	0.562	0.264	<0.0162	<0.0151	2.26
				12/17/18 3/13/19	6.33 6.32	38.19 38.20	Kane Kane	2.32 <1.00	2.62 <1.00	6.81 1.99	<0.20 <0.20	6.39 6.08	24.1 26.6	225.4 63.3	0.15 1.33	-3.5 82.2	4,580 4,380	2.13	3.45 3.76	0.563	0.364 0.552	<0.0162 <0.0162	<0.0151 <0.0151	3.36 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
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	321.0 229.0										
				11/2/16 7/25/18	6.3 7	38.22 37.52	Kane Kane	11,000 5,460	<100 55.6	<100 9.5	<100 <0.20	6.73 7.24	14.9 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
MW-41	Shallow	5 to 15		10/25/19 1/3/17	6.82 8.31	37.70	Kane Kane	<u>65</u> 3.4	84 <0.20	1,500 <0.20	1.6 <0.20	5.82 6.13	23.7	163.6 129.0	0.06	35.6	4,600	<5.0	4.9	0.14	0.51	<0.0005	0.0016	13
17177-41	Ghallow	51015		1/3/17	-	_	Kane	3.4 2.02	<0.20	<0.20	<0.20	0.13		129.0										
			<u> </u>	6/7/19	8.12		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		1/3/19	10.21		Kane	<1.00	<0.50	<1.0	<0.20													
				3/18/19	8.79		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 7/30/19	9.11 9.65		Kane	<0.20 <0.20	<0.20 <0.20	<0.20 0.72	<0.20 0.053	6.92 6.49	22.9 26.4	216.9 713.0	0.13 0.05	5 -321.9	5,500 5,300	<5.0 8	6.3 8.1	0.2	4.1 2.5	<0.25 <0.0005	<0.25 <0.0005	2.3 1.7
				10/22/19	9.65		Kane Kane	<0.20	<0.20 1.90	1.9	0.053	6.04	18.3	254.0	0.05	-321.9	7,600	° 7.3	13	0.27	3.2	<0.0005	<0.0005	3.9
MW-43	Shallow	10 to 25		1/2/19	10.4		Kane	225	31.6	7.16	< 0.20	0.01	10.0	20110	0.10	10.2	1,000	1.0	10	0.20	0.2	0.0000	0.0000	0.0
				3/18/19	8.42		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		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		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
MW-44	Intermediate	25 to 35		10/22/19 6/6/19	9.67 7.49		Kane Kane	0.80 <0.20	<0.20 1.70	24.0 28.0	0.29 <0.20	6.17 6.35	19.2 51.4	552.0 229.6	0.06 0.18	-40.2 -1.9	18,000 1,700	9.3 <5.0	10 7.6	0.43	0.32	<0.0005 <0.025	<0.0005 <0.025	110 19
	Internediate	201000		7/25/19	8.11		Kane	<0.20	1.50	20.0	0.047	6.15	47.4	254.1	0.34	-77	2,200	<5.0	6.6	0.43	0.24	<0.025	0.0039	20
				10/22/19	9.85		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
MW-45	Shallow	7 to 17		6/6/19	7.29		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		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
HZ-MW-1	Shallow	5 to 15	41.637	10/22/19 9/5/08	7.44		Kane HWA	<0.20 0.58	<0.20 <0.2	0.88	<0.020 <0.20	6.28	32.5	569.0	0.14	51.6	1,600	12	15	0.75	1.5	<0.0005	<0.0005	33
	Onallow	51015	41.007	5/30/14		-	HWA	21	<0.2 0.22	<0.2	<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 10/31/16	7.89 6.23	33.75 35.41	Kane Kane	7.2 6.9	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	6.42 6.49	14.5	120.0 113.0										
				7/20/18	7.47	35.41	Kane	<1.00	<0.20	<0.20	<0.20	6.73	14.5	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			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		1
HZ-MW-4	Shallow	8 to 18	40.177	10/21/19 9/5/08	7.45	34.19	Kane HWA	15 <0.2	<0.20 <0.2	0.61 <0.2	<0.020 <0.20	5.65	15.9	172.5	4.58	200	<56	6.5	5.1	<0.050	<0.001	<0.0005	<0.0005	1.1
	Challow		10.111	6/9/14			HWA	<0.20	<0.20	<0.20	<0.20	6.35		407.0	2.73					1				
				9/12/14	1		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	0.40	24.02	HWA	< 0.20	< 0.20	<0.20	<0.20	5.47		323.0	2.67	0.5		<50			< 0.50	-0.50	<i>2</i> 0 E0	0.0
				11/11/15 9/23/16		34.06 33.02	HWA Kane	0.27 0.31	<0.20 <0.20	0.51 <0.20	0.44 <0.20	6.22 6.23		459.0 331.0	39.20	6.5		23			1.3	<0.50	<0.50	2.3
				10/28/16		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					1				
				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			<0.0162		
				12/21/18		33.91	Kane	<1.00	< 0.50	<1.00	<0.20	6.21	13.1	420.9	0.19	10	<100	36.5	15			< 0.0162		
				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

	Well Type and		Top of Casing		Depth to Water (ft	GW				(cis)	Vinyl				Dissolved	Oxidation Reduction				Ammonia				Total Organic
Well	Water Bearing Zone	Screened Depth, (ft bgs)	(TOC) Elevation (feet)*	Date Sampled	below TOC)	Elevation (feet)	Sampled By	PCE (µg/L)	TCE (µg/L)	1,2-DCE (µg/L)	Chloride (µg/L)	pH (units)	Temp (°C)	Conductivity (µS)	Oxygen (mg/L)	Potential (mV)	Dissolved Iron (ug/L)		Chloride (mg/L)	as N (mg/L)	Methane (mg/L)	Ethane (mg/L)	Ethene (mg/L)	Carbon (mg/L)
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 HWA	4,900 790	96	78 12	<20	6.51		441.0 396.0	0.54 0.48									
				12/15/14 3/20/15		-	HWA	200	16 6.5	13 3.8	<4.0 <1.0	6.34 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	0.70									
				7/20/18 9/21/18	7 7.36	35.38 35.02	Kane Kane	2,580 2,710	52.5 61.9	86.6 203	0.572 <2.0	6.87 6.52	16.9 19.1	300.0 346.0	0.70	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
HZ-MW-14D	Intermediate	30 to 40	42.397	10/16/19 2/25/13	6.99	35.39	Kane HWA	78 360	5.9 7.6	3.6 21	<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
	Internetiate	50 10 40	72.001	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	0.40	04.04	HWA	62	2.4	9.8	<0.40	6.69		423.0	NA	04.0		40			00	-0.50	-0.50	4.0
				11/11/15 9/26/16	8.12 7.38	34.31 35.02	HWA Kane	970 37	16 1.5	14 2.9	<10 <0.20	6.08 6.10	-	414.0 434.0	0.00	24.9		12			69	<0.50	<0.50	1.2
				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 6.16	35.70	Kane	<u>44.2</u> 65	3.3	13.5 12	<0.20	5.87	14.9 14.7	523.1	0.07	36 -40.7	<100 <56	15.5	90.8 87	<0.100	0.0524	< 0.0162	< 0.0151	0.968
				5/21/19 7/30/19	6.92	36.24 35.48	Kane Kane	100	2.9 4.7	12 28	<0.20 0.30	6.09 5.84	14.7	500.3 454.8	0.08	-40.7	<56	10 11	69	<0.050 <0.050	0.18	<0.01 <0.0005	<0.01 <0.0005	<1.0 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
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 12/15/14			HWA HWA	400 300	19 14	12 12	<0.20 <2.0	6.87 6.44	-	575.0 549.0	0.25 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 6.61	37.60	Kane	81 29.2	3.3	2.9	<0.40	6.30 6.30	17.3	314.0	0.47	187	<100	10.0	2.67	<0.100	<0.00962	<0.0162	<0.0151	4.16
				9/19/18 12/27/18		35.14 37.35	Kane Kane	11.8	1.2 <0.50	1.11 <1.00	<0.20 <0.20	6.07	19.5	260.0 278.8	0.47	38.5	<100 <100	18.8 19.5	2.67 2.85		< 0.00863	<0.0162 <0.0162	<0.0151 <0.0151	4.16
				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		1
	lat	00 to 00	44 707	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
HZ-MW-15D	Intermediate	20 to 30	41.787	3/25/13 5/29/14		-	HWA HWA	330 3,700	18 290	12 180	<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 10/28/16	6.69 5.33	35.10 36.46	Kane Kane	840 3,300	40 210	43 200	<4.0 <20	5.96 6.20	15.9	211.0 266.0				l						+
				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		< 0.00863		<0.0151	
				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 10/17/19	6.83 7.02	34.96 34.77	Kane Kane	9,200 7,700	390 410	340 360	<5.0 <5.0	5.93 5.83	16.9 15.1	324.0 292.1	0.24 0.12	-56.6 173.5	<56 100	21 18	13 13	<0.050 <0.050	5	<0.0005 <0.0005	<0.0005 <0.0005	
HZ-MW-16	Shallow	15 to 25		5/28/14	1.02	54.11	HWA	0.32	<0.20	0.30	<0.20	6.52	10.1	451.0	0.12	113.3	100	10	10	~0.000	5	~0.0000	~0.0003	1.50
				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	1 50		HWA	0.35	<0.20	0.24	<0.20	6.59		326.0	NA						<0.50			
		I	I	11/28/16	4.53		Kane	0.34	<0.20	<0.20	<0.20	6.78	L	167.0		L	I			I				

					Depth to											Oxidation								Total
	Well Type and		Top of Casing		Water (ft	GW				(cis)	Vinyl				Dissolved	Reduction				Ammonia				Organic
	Water Bearing	Screened	(TOC) Elevation	Date	below	Elevation	Sampled	PCE	TCE	1,2-DĆE		pН	Temp	Conductivity	Oxygen	Potential	Dissolved	Sulfate	Chloride	as N	Methane	Ethane	Ethene	Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Ву	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
				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
	Challow	10 to 20	20 567	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 9/12/14			HWA HWA	<0.20 2.0	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	6.61 6.94		594.0 345.0	0.15 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	0.44									
				7/24/18 9/12/18	7.45 7.90	31.12 30.67	Kane Kane	<1.00 <1.00	<0.50 <0.50	<1.00 <1.00	<0.20 <0.20	7.17 6.97	16.1 16.2	250.0 267.0	0.41 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	0.03	29.1	2,040	23.7	9.1	<0.100	< 0.00863	<0.0162	<0.0151	2.24
				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	7.5 to 17.5		6/10/14			HWA	<0.20	<0.20	<0.20	<0.20	6.38		1901.0	0.14									
	0	51.45	40.477	5/00/44			1.11.0.1.0	0.07	0.04	0.40	10.00	0.00		1010.0	0.40									
HZ-MW-19	Shallow	5 to 15	42.177	5/30/14 6/9/14		-	HWA HWA	0.97	0.94 0.67	0.40 1.1	<0.20 <0.20	6.38 6.26		1210.0 1213.0	0.10 0.13									
				9/12/14		-	HWA	3.3	0.87	0.67	<0.20	6.37		675.0	0.13									
				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 10/31/16	7.73 4.78	34.45 37.40	Kane Kane	0.59 <0.20	0.54 <0.20	0.48 <0.20	<0.20 <0.20	6.29 6.11	14.2	438.0 174.0										
				7/24/18	7.17	35.01	Kane	<1.00	<0.20	<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
	A 1			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	5 to 15		6/9/14 9/13/14		-	HWA HWA	<0.20 1.3	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	6.79 7.09		1914.0 1018.0	0.28									
				12/16/14		-	HWA	0.41	<0.20	<0.20	<0.20	6.72		851.0	0.72									-
				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	74.6	700	25.6	7.40	0.400	0.0200	-0.0100	-0.0151	10.0
				9/13/18 12/10/18	7.37 6.69	32.15 32.83	Kane Kane	<1.00 <1.00	<0.50 <0.50	<1.00 <1.00	<0.20 <0.20	6.65 6.43	17.9 14.1	700.0 120.9	0.12	71.6 71.7	739 <100	35.6 8.51	7.12	0.169	0.0386	<0.0162 <0.0162	<0.0151 <0.0151	18.3 1.94
				5/23/19		32.97	Kane	<0.20	<0.20	<0.20		6.60	15.3	500.7	0.11	-0.1	550	21	8.1	0.120		0.00093		
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	00.7		00.0	44.4	10 100	10,00000	10.0400	10.0454	5.00
				9/7/18 12/21/18	7.10 5.35	33.73 35.48	Kane Kane	1.44 1.46	1.33 0.956	1.07 <1.00	<0.20 <0.20	6.25 6.16	18.9 13.3	338.0 392.0	0.51 0.98	98.7 32.7	<100 <100	20.3 25.5	14.1 10.2	<0.100 <0.100	<0.00863 <0.00863		<0.0151 <0.0151	5.38 2.52
				5/21/19	5.72	35.11	Kane	1.40	0.66	0.51	<0.20	6.37	14.3	413.6	0.50	-19.1	<56	31	8.1	<0.050	0.00803	<0.0005		2.32
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	0.00				0.1	0.000	0.001	0.0000	0.0000	
				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 7/30/19	7.17 7.98	34.51 33.70	Kane Kane	<0.20 <0.20	<0.20 <0.20	<0.20 <0.20	<0.20 <0.020	6.74 6.65	18.6	358.2 281.2	0.20	11.5 -79.8	7,500 4,900	13 11	11 6.8	<0.050 <0.050	0.75	<0.05 <0.0005	<0.05 <0.0005	3.4 3.4
				10/24/19		33.07	Kane	<0.20	<0.20	<0.20	<0.020	6.40	14.9	290.2	0.22	-79.0	8,700	8.1	7.1	<0.050	0.21	<0.0005	<0.0005	
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		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		3.98
				12/10/18 5/31/19		34.96 34.94	Kane Kane	2.79 2.0	0.908	5.38 21	<0.20 0.77	6.26 6.61	15.0 15.3	273.7 533.7	0.08	-1.4 -11.7	828 8,500	10.3 <5.0	7.18 13	<0.100 0.19	<0.00863 5.4	<0.0162 <0.25	<0.0151 <0.25	7.02
				7/17/19		33.90	Kane	2.0	1.1	16	0.77	6.39	15.3	557.4	0.13	-167.7	15,000	7.8	13	0.19	6.3	<0.25		
				10/24/19		34.18	Kane	< 0.40	<0.40	93	0.76	6.21	16	442.3	0.16	10	20,000	<5.0	14	1.1	9.7	<0.0005	<0.0005	4.7
HZ-MW-25	Deep	44.33 to 54.33	41.907	9/14/16		33.74	Kane	6.4	<0.20	<0.20	<0.20	6.71		254.0										

	Well Type and		Top of Casing		Depth to Water (ft	GW				(cis)	Vinvl				Dissolved	Oxidation Reduction				Ammonia				Total
	Water Bearing	Screened	(TOC) Elevation	Date	below	Elevation	Sampled	PCE	TCE	(CIS) 1,2-DCE	Vinyl Chloride	pН	Temp	Conductivity	Oxygen	Potential	Dissolved	Sulfate	Chloride	Ammonia as N	Methane	Ethane	Ethene	Organic Carbon
Well	Zone	Depth, (ft bgs)	(feet)*	Sampled	TOC)	(feet)	Вy	(µg/L)	(µg/L)	(µg/L)	(µg/L)	, (units)	(°C)	(µS)	(mg/L)	(mV)	Iron (ug/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
				10/28/16	7.02	34.89	Kane	1.2	<0.20	<0.20	<0.20	6.46		237.0										1
				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 5/30/19	7.35	34.56 34.31	Kane Kane	3.67	1.36	<1.00 <0.20	<0.20 <0.20	6.11 6.36	14.7	299.6 259.6	0.07	48.7 21.3	5,900 330	14.5 12	21.1 22	<0.100 <0.050	<0.00863 0.056	<0.0162 <0.005	<0.0151 <0.005	4.34
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	0.02	21.0	000	12		0.000	0.000	0.000	0.000	
				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	407	.100	04.0	7.40	.0.400		10.0400	0.0454	
				9/17/18 12/4/18	6.83 7.23	33.86 33.46	Kane Kane	7.12 6.21	<0.50 <0.50	1.3 1.03	<0.20 <0.20	6.55 6.38	15.0 14.2	316.0 334.2	0.37	187 75.6	<100 <100	24.9 25.3	7.46	<0.100 <0.100	<0.00863 <0.00863	<0.0162 <0.0162	<0.0151 <0.0151	3.54 2.3
				5/30/19	6.85	33.84	Kane	9.7	<0.20	1.03	<0.20	6.70	16.6	329.9	0.10	17	<56	23.5	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
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 7/13/18	6.55 7.35	35.05 34.25	Kane Kane	0.84	<0.20 <0.50	<0.20 1.07	<0.20 <0.20	6.51 6.77	15.1	208.0 215.0	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
		051.05	00.744	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
HZ-MW-28	Intermediate	25 to 35	38.744	10/27/16 7/24/18	5.90 6.65	32.84 32.09	Kane Kane	0.96 <1.00	<0.20 <0.50	<0.20 <1.00	<0.20 <0.20	6.87 7.08	15.3 15.6	343.0 333.0	0.42									
				9/13/18	7.00	31.74	Kane	<1.00	<0.50	<1.00	<0.20	6.86	15.1	368.0	0.42	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 7/23/18	6.03 6.75	34.28 33.56	Kane Kane	85 54.8	9.0 4.2	100 33.2	6.6 1.31	6.60 6.66	15.7 16.9	271.0 241.0	0.07									
				9/11/18	7.11	33.20	Kane	36.6	3.48	23.7	<0.20	6.47	15.3	254.0	0.07	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 32.33	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
HZ-MW-30	Deep	40 to 50		10/24/19 11/28/16	7.98	32.33	Kane Kane	<1.0 <0.20	<1.0 <0.20	100 <0.20	0.94 <0.20	6.15 8.01	15.2	466.6 418.0	0.14	-9.6	9,500	<5.0	13	1.6	9.9	<0.0005	<0.0005	2.1
	Deep	40 10 00		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
HZ-MW-31	Shallow	15 to 25		5/19/19 11/28/16	7.88		Kane Kane	<0.20 <0.20	<0.20	<0.20 <0.20	<0.20 <0.20	7.68 6.80		260.5 325.0	0.17	22.8	170	<5.0	4.8	0.61	0.91	<0.05	<0.05	1.8
	Shallow	15 10 25		8/27/18	9.55		Kane	<1.00	<0.20	<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	
				5/29/19	9.34 9.45		Kane Kane	0.78	<0.20 <0.20	< 0.20	<0.20 0.048	6.58 6.33	15.0 16.9	320.7	0.23 0.21	19.8 -64	20,000	<5.0 <5.0	8.7	0.26	0.34 0.62	<0.025 <0.0005	<0.025 <0.0005	4.6
				7/24/19 10/25/19			Kane	2.5 <0.20	<0.20	0.69 <0.20	0.048	6.22	15.1	295.9 232.9	0.21	23	19,000 19,000	<5.0	8.3 6.3	0.27	0.02	<0.0005	< 0.0005	
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	0110			0.0	0.0	0.0	0.0	0.0000	0.0000	
				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	
				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
HZ-MW-33	Intermediate	25 to 35		5/29/19 11/28/16	8.25 6.33		Kane Kane	<0.20 <0.20	<0.20 <0.20	<0.20 0.48	<0.20 <0.20	6.56 7.39		377.1 242.0	0.46	25.6	27,000	<5.0	13	0.39	0.27	<0.015	<0.015	5.9
	internediate	2010 00		7/24/18	6.87		Kane	<1.00	<0.20	<1.00	<0.20	7.02	17.0	242.0	0.00		+			1	1			+
				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		<0.0151	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			
	Shallow	15 to 25		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 9/17/18	4.81 6.68		Kane Kane	7.2 8.05	14 16.5	44 40.6	3.1 2.97	6.64 6.12	17.1	272.0 265.0	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	6.12	15.9	383.7	0.10	0.9	5,750	7.8	14.2	<0.100	< 0.00863		<0.0151	
				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		
S-MW-1	Shallow	5.5 to 15.5	43.527	10/23/19 9/20/16		36.57	Kane Kane	<1.0 150	<1.0 <1.0	110 <1.0	0.97 <1.0	6.25 6.48	16.2	258.4 303.0	0.07	24.7	4,900	17	9	0.69	7.7	<0.0005	<0.0005	5.8

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)
				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
S-MW-2	Shallow	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
			10.007	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-3	Intermediate	25 to 35	42.807	9/16/16	6.62	36.19	Kane	0.44	< 0.20	< 0.20	< 0.20	5.79	15.0	116.0										<u> </u>
				10/31/16	4.93	37.88	Kane	1.7	< 0.20	< 0.20	<0.20	6.04	15.9	116.0			100	10.7		0.400	0 0 0 5 0	0.0400	0.0454	-
				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
0.1414		40.1 50	40.007	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
S-MW-4	Deep	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										<u> </u>
				10/28/16	4.93	37.44	Kane	0.66	< 0.20	< 0.20	<0.20	6.44	11.0	191.0	0.40									<u> </u>
				7/19/18	6.23	36.14	Kane	1.25	< 0.50	<1.00	<0.20	6.85	14.6	183.0	0.46	05.0	004	45	0.40	0.400	0.0000	10.0400	0.0454	0.07
				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	447	202.9	0.09	56.9	449	14.5	6.18	<0.100	0.0132	< 0.0162	< 0.0151	1.52
	Challow	15 to 05	44.057	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 9/24/18	4.56	36.80	Kane	340	<4.0	<4.0 <10	<4.0	6.68	18.0 16.2	259.0	2.17	40 E	<100	10.0	C 05	-0.100	-0.00000	-0.0460	-0.0151	1.00
				9/24/18	6.07 3.90	35.29 37.46	Kane	530	< 5.0	-	<2.0	6.38 6.31	10.2	164.0 235.5	0.98	48.5 58.2	<100	12.6 21.6	6.05 6.56	<0.100 <0.100	<0.00863 <0.00863	<0.0162 <0.0162	<0.0151 <0.0151	1.36 0.506
				6/5/19	<u>3.90</u> 5.20	36.16	Kane	<u>1,690</u> 880	6.03	16.7 <10		6.57	15.2	235.5	1.81	7.3	< 100	-	6.56 5.9	<0.100	<0.00863	<0.0162	<0.0151	<1.0
				7/24/19			Kane		<10	-	<10	6.57	15.2		-		<00 <56	19						-
				10/17/19	5.72 5.88	35.64 35.48	Kane Kane	<u>530</u> 820	<4.0 <4.0	<4.0 <4.0	<0.40 <0.40	6.05	17.6	169.8 159.8	1.93 1.78	-76.1 198.6	<00 <56	15 17	7.5 5.3	<0.050 <0.050	<0.001 <0.001	<0.0005 <0.0005	<0.0005 <0.0005	<1.0 <1.0
S-MW-6	Shallow	4 to 14		1/3/17	5.88	55.40	Kane	<0.20	<4.0	<4.0	<0.40	6.05	10.0	159.8	1./0	190.0	N00	17	0.0	<u>\0.050</u>	<u></u> \0.001	<u>∼0.0005</u>	~0.0005	<u> </u>
3-1111-0	Shanow	41014		1/11/19	5.51		Kane	<1.00	<0.20	<0.20	<0.20	6.11		129.0										+
				6/7/19	5.54 7.57	├	Kane	<0.20	<0.30	< 0.20	<0.20	6.1	13.5	129.0	4.90	8.7	<56	29	7.3	<0.050	0.0016	<0.0005	<0.0005	<1.0
		1		0/1/18		Mothod A C	leanup Level ¹	5.0	<0.20 5.0	<u>~0.20</u>	0.20	0.1	15.5	102.0	4.30	0.7	~ 50	23	1.5	×0.000	0.0010	~0.0000	~0.0000	<u> </u>
							leanup Level	5.0	5.0	16	0.2						11.200							+
	tion was used to cal	aulata CM/ alayeti			-		leanup Level			10							11,200							───

Notes:

PCE – Tetrachloroethene

TCE – Trichloroethene

1,1-DCE - 1,1-Dichloroethene

(cis) 1,2-DCE - (cis) 1,2-Dichloroethene

(trans) 1,2-DCE - (trans) 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

- Well was not sampled by Kane * HWA TOC elevation was used to calculate GW elevation during HWA sampling events.