Table 2
Summary of Groundwater Field Parameters and Analytical Results
21249 72nd Avenue South
Kent, Washington
Farallon PN: 1071-013 Task 001

Sample Identification	Sample Date	Field Parameters			Analytical Results (micrograms per liter)				
							Dissolved Metals		
		ORP (mV)	pH (SU)	DO (mg/L)	DRO[1]	ORO[1]	Arsenic[2]	Manganese[2]	Selenium[2]
MW-1	7/1/2003	--	--	--	430	320	21J	2,000	<16
	12/18/2003	--	8.9	0.4	350/470	<250/330	28/26	2,000	<16/<16
	3/31/2004	--	4.73	--	390	530	30	--	<16
	6/17/2004	103	--	--	230	<240	17	--	63
	10/20/2004	170	5.82	0.49	290	<260	17	--	43
	3/30/2005	--	6.21	--	170(B)	<240	17	160	38
	2/8/2006	--	6.3	3	200/150	<250	48.3/49.6	1,830	83.1/77.7
	12/13/2006	-98	6.7	--	<50	<250	14.2	--	<1
	3/27/2008	-153.3	6.39	0.11	83	<250	41	1,070	116
	3/26/2009	-155.7	6.5	3.87	110	<250	27.6	1,750	63.2
	1/27/2011	-131.2	6.57	0.13	<120/<120	<240/<240	10/10	1,300	19/20
	1/21/2016	Well innaccessible - Sample not collected							
	3/12/2018	-126.0	6.45	0.31	<260	<420	7	260	<5
MW-2	12/18/2003	--	9.1	0.6	340	<250	11	3,700	<16
	3/31/2004	--	4.83	4	390	490	22	--	<16
	6/17/2004	126	9.2	--	230	<240	12	--	7.5
	10/20/2004	185	5.94	1.31	370	<250	18	--	10
	3/30/2005	--	6.28	--	260(B)	<240	48	3,600	7.9
	2/8/2006	--	6.5	1.72	130	<250	51.6	2,820	11.9
	12/13/2006	-106	6.5	--	<50	<250	4.52	--	<1
	3/27/2008	-15.3	6.44	0.14	86	<250	15.9	1,570	9.13
	3/26/2009	-147.8	6.57	6.14	120	<250	33.3	1,750	10.9
	1/27/2011	-105.6	6.34	0.22	<120	<240	26	2,000	2.9
	1/21/2016	9	6.57	0.66	<260	<410	13	--	<5.0
	3/12/2018	-82.1	6.48	0.33	<260	<420	12	430	<5.0
MW-3	12/18/2003	--	--	0.8	<50	<250	<5	2,100	<16
	3/31/2004	--	7.5	5.4	140	220	12	--	<16
	6/17/2004	52	7.92	--	110	<240	15	--	<5
	10/20/2004	174	5.75	1.28	120	<250	16	--	15
	3/30/2005	--	--	--	110(B)	<240	26	3,600	<2
	2/8/2006	--	6.4	1.9	66	<250	28.9	3,980	2.41
	12/13/2006	-62	6.7	--	<50	<250	6	--	<1
	3/27/2008	-106.1	6.3	0.15	<50	<250	15.1	2,940	2.71
	3/26/2009	-135.1	6.43	2.67	<50	<250	18.9	3,400	1.91
	1/27/2011	-107.8	6.31	0.13	<120	<240	23	4,000	0.96
	1/21/2016	15	6.52	0.93	<260	<410	27		<5.0
	3/12/2018	-103.1	6.51	0.40	<260	<420	51	810	<5.0
MW-4	12/18/2003	--	7.2	0.5	87	<250	<5	2,700	<16
	3/31/2004	--	5.08	5.5	110	140	7.2	--	<16
	6/17/2004	87	8.52	--	79	<240	<5	--	<5
	10/20/2004	119	--	0.96	97	<260	<5	--	<5
	3/30/2005	--	6.32	--	92(B)	<240	6.2	4,400	<2
	2/8/2006	--	6.5	2	180	<250	60	7,260	5.25
	12/13/2006	-92	6.7	--	<50	<250	1.32	--	<1
	3/27/2008	-175.7	6.33	0.19	<50	<250	4.57	3,040	4.37
	3/26/2009	-195.1	6.5	1.19	56	<250	22.8	2,290	4.73
	1/27/2011	-128.6	6.49	0.26	<120	<240	58	4,500	1.8
	1/21/2016	-20	6.61	0.93	<250	<410	21	--	<5.0
	3/12/2018	-133.5	6.53	0.27	320	<420	38	550	<5.0
MW-5	12/18/2003	--	7.4	0.2	64	<250	<5	1,900	<16
	3/31/2004	--	7.3	3.4	160	210	<5	--	<16
	6/17/2004	83	8.47	--	100	<240	<5	--	<5
	10/20/2004	117	5.22	0.67	130	<260	<5	--	11
	3/30/2005	--	6.35	--	184/74(B)	<240/(<240)	7.8	1,700	<2
	2/8/2006	--	6.5	1.25	63	<250	9.83	1,630	3.49
	12/13/2006	-82	6.6	--	<50	<250	1.18	--	<1
	3/27/2008	-111	6.19	0.15	<50	<250	3.82	944	3.62
	3/26/2009	-165.9	6.39	1.05	120	<250	5.93	1,270	4.89
	1/27/2011	-100.6	6.25	0.13	<120	<240	5.7	1,800	2.4
	1/21/2016	10	6.46	0.83	<280	<460	3.9	--	<5.0
	3/12/2018	-105.9	6.32	0.28	<260	<420	4.7	380	<5.0
95% Upper Confidence Limit of the arithmetic mean as calculated using ProUCL Software					NC	NC			
MTCA Method A Cleanup Levels[3]		--	--	--	**500**	**500**	**5**	--	--
MTCA Method B Cleanup Levels[4]		--	--	--	--	--	--	**2,240**	**80**
Background Concentration		--	--	--	--	--	**3.3 - 115[5]**	**<1 - 510,000[6]**	--

NOTES:

< denotes analyte not detected at or exceeding the reporting limit listed.

<250/330 = Primary sample result/field duplicate sample result.

[1]Analyzed by method NWTPH-Dx

[2]Analyzed by Environmental Protection Agency Method 200.8 ICP/MS.

[3]Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater, Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

[3]Standard Method A Formula Values for Groundwater (potable use)

[4]MTCA Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater, https://fortress.wa.gov/ecy/clarc/Reporting/ChemicalQuery.aspx

[5]Washington Sate Department of Ecology. Public Comment Notice for Termination of Interim Status for the Boeing Space Center – Striker Property in Kent, Washington. July, 2012.

[6]United States Department of the Interior Geological Survey. Quality of Ground Water in the Puget Sound Region, Washington, 1981. Prepared in cooperation with the Washington State Department of Ecology. 1986.

Shading denotes concentration exceeds MTCA Method A or B Cleanup Level.

B = analyte is found in the associated laboratory control blank

COPC = constituent of potential concern

DO = dissolved oxygen

DRO = total petroleum hydrocarbons (TPH) as diesel-range organ

GRO = TPH as gasoline-range organics

J = concentration is an estimated value

mg/l = milligrams per liter

mV = millivolt

µg/l = micrograms per liter

NC = not calculated

ORO = TPH as oil-range organics

ORP = oxidation reduction potential

SU = standard units