



APPENDIX C
Soil and Groundwater Analytical Results Tables

Table C-1

Summary of Soil Chemical Analytical Results - RI Phase Explorations¹

Airport Kwik Stop Site
Ione, Washington

Exploration Number	Sample Number	Date Sampled	GRPH ² mg/kg	Volatile Organic Compounds ³								Naphthalene mg/kg	All other VOCs mg/kg
				Benzene mg/kg	Ethylbenzene mg/kg	Toluene mg/kg	m,p-Xylene mg/kg	o-Xylene mg/kg	1,2-Dibromethane (EDB) mg/kg	Methyl-t-butyl ether (MTBE) mg/kg			
Vacant Properties													
DP-26	DP-26 (22-23)	11/29/11	<2.79	<0.01395	<0.01395	<0.01395	<0.01395	<0.01395	<0.01395	<0.001	<0.01395	<0.01395	All others non-detect
DP-27	DP-27 (13-14)	11/29/11	<2.77	<0.01385	<0.01385	<0.01385	<0.01385	<0.01385	<0.01385	<0.001	<0.01385	<0.01385	All others non-detect
	DP-27 (15-16)	11/29/11	<2.63	<0.01315	<0.01315	<0.01315	<0.01315	<0.01315	<0.01315	<0.001	<0.01315	<0.01315	All others non-detect
DP-28	DP-28 (11-12)	11/29/11	<2.58	<0.0129	<0.0129	<0.0129	<0.0129	<0.0129	<0.0129	<0.001	<0.0129	<0.0129	All others non-detect
	DP-28 (15-16)	11/29/11	<2.85	<0.01425	<0.01425	<0.01425	<0.01425	<0.01425	<0.01425	<0.001	<0.01425	<0.01425	All others non-detect
	DP-28 (17-18)	11/29/11	<2.73	<0.01365	<0.01365	<0.01365	<0.01365	<0.01365	<0.01365	<0.001	<0.01365	<0.01365	All others non-detect
DP-29	DP-29 (11-12)	11/29/11	<2.5	<0.01245	<0.01245	<0.01245	<0.01245	<0.01245	<0.01245	<0.001	<0.01245	<0.01245	All others non-detect
	DP-29 (14-15)	11/29/11	<2.5	<0.0117	<0.0117	<0.0117	<0.0117	<0.0117	<0.0117	<0.001	<0.0117	<0.0117	All others non-detect
B-6	B-6 (25)	04/16/12	4.29	0.506	0.0685	0.533	0.237	0.131	NT	NT	NT	NT	NT
MW-16	MW-16 (13.5)	04/16/12	<2.5	<0.00231	<0.00231	<0.00231	<0.00462	<0.00231	NT	NT	NT	NT	NT
MW-17	MW-17 (35)	04/16/12	<2.5	<0.00232	<0.00232	<0.00232	<0.00464	<0.00232	NT	NT	NT	NT	NT
MW-18	MSV-18 (20)	04/17/12	<2.5	<0.00214	0.00218	0.0113	0.00847	0.00331	NT	NT	NT	NT	NT
Cabin Grill Property													
MW-19	MW-19 (35)	04/17/12	3.89	<0.00287	0.00512	0.0186	0.0209	0.00809	NT	NT	NT	NT	NT
	MW-19 (40)	04/17/12	7.53	<0.00653	0.0394	<0.00653	0.229	0.0645	NT	NT	NT	NT	NT
Airport Kwik Stop Property													
DP-30	DP-30 (33-35)	11/30/11	3.13	<0.01325	0.0201	0.0763	0.112	NT	NT	NT	NT	NT	NT
DP-31	DP-31 (34-35)	11/30/11	<2.66	<0.0133	<0.0133	<0.0133	<0.0266	NT	NT	NT	NT	NT	NT
DP-32	DP-32 (27-28)	11/30/11	4.28	<0.0145	0.0432	0.0861	0.108	NT	NT	NT	NT	NT	NT
	DP-32 (36-40)	11/30/11	29.7	0.117	0.293	1.26	2.02	NT	NT	NT	NT	NT	NT
DP-33	DP-33 (27-28)	11/30/11	<2.65	<0.01325	<0.01325	0.0326	0.0713	NT	NT	NT	NT	NT	NT
	DP-33 (35-37)	11/30/11	3.09	<0.0123	0.0175	0.0787	0.120	NT	NT	NT	NT	NT	NT
DP-34	DP-34 (7-8)	11/30/11	10,600	16.9	99.2	267	779	NT	NT	NT	NT	NT	NT
DP-35	DP-35 (19-20)	11/30/11	12.6	<0.0139	<0.0139	<0.0139	<0.0278	NT	NT	NT	NT	NT	NT
DP-36	DP-36 (19-20)	12/01/11	14.2	<0.01445	0.0543	0.155	0.424	NT	NT	NT	NT	NT	NT
DP-37	DP-37 (19-20)	12/01/11	6.10	<0.0135	0.0157	0.0761	0.105	NT	NT	NT	NT	NT	NT
	DP-37 (27-28)	12/01/11	7.78	0.0835	0.0504	0.368	0.381	NT	NT	NT	NT	NT	NT
DP-38	DP-38 (7-8)	12/01/11	24.0	0.224	0.214	0.951	1.60	NT	NT	NT	NT	NT	NT
	DP-38 (15-16)	12/01/11	11.8	0.0374	0.0903	0.378	0.658	NT	NT	NT	NT	NT	NT
DP-39	DP-39 (10-12)	12/01/11	9,140	4.14	106	215	658	NT	NT	NT	NT	NT	NT
DP-40	DP-40 (7-8)	12/01/11	17,200	34.2	88.7	466	1,870	NT	NT	NT	NT	NT	NT
SVE-1	SVE-1 (5)	04/12/12	595	1.13	4.73	14.8	22.5	11.3	NT	NT	NT	NT	NT
	SVE-1 (10)	04/12/12	13,500	54	224	752	965	382	NT	NT	NT	NT	NT
	SVE-1 (20)	04/12/12	15,600	106	431	1,470	1,720	683	NT	NT	NT	NT	NT
SVE-2	SVE-2 (15)	04/12/12	46.0	0.0423	0.305	0.815	1.60	0.844	NT	NT	NT	NT	NT
	SVE-2 (25)	04/12/12	948	0.396	6.2	12.9	29.9	14.9	NT	NT	NT	NT	NT
	SVE-2 (35)	04/12/12	124	0.473	0.888	2.41	3.92	1.43	NT	NT	NT	NT	NT
MP-1	MP-1 (15)	04/13/12	12.7	0.0246	0.0805	0.201	0.479	0.306	NT	NT	NT	NT	NT
	MP-1 (25)	04/13/12	742	0.272	5.76	9.6	27.2	13.8	NT	NT	NT	NT	NT
	MP-1 (35)	04/13/12	38.4	0.206	0.137	0.562	0.528	0.224	NT	NT	NT	NT	NT
MP-2	MP-2 (15)	04/13/12	<2.95	<0.00295	<0.00295	0.0129	0.0103	0.00429	NT	NT	NT	NT	NT
	MP-2 (25)	04/13/12	4.20	0.0253	0.0287	0.128	0.137	0.0664	NT	NT	NT	NT	NT

Exploration Number	Sample Number	Date Sampled	GRPH ² mg/kg	Volatile Organic Compounds ³								
				Benzene mg/kg	Ethylbenzene mg/kg	Toluene mg/kg	m,p-Xylene mg/kg	o-Xylene mg/kg	1,2-Dibromethane (EDB) mg/kg	Methyl-t-butyl ether (MTBE) mg/kg	Naphthalene mg/kg	All other VOCs mg/kg
AS-1	AS-1 (10)	04/16/12	129	0.0527	0.605	1.11	2.96	1.5	NT	NT	NT	NT
	AS-1 (15)	04/16/12	24.2	0.0904	0.136	0.453	0.675	0.37	NT	NT	NT	NT
	AS-1 (25)	04/16/12	37.5	0.370	0.408	1.88	1.73	0.972	NT	NT	NT	NT
	AS-1 (35)	04/16/12	38.1	0.820	0.534	3.99	2.1	0.968	NT	NT	NT	NT
MTCA Method A Cleanup Level			100/30 ⁴	0.03	6	7	9 ⁵		0.005	0.1	5	NE

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane, Washington.

²Gasoline analyzed using Northwest Method NWTPH-Gx.

³Volatile organic compounds analyzed using by EPA Methods 8260B/8260C.

⁴Cleanup level for GRPH without benzene present is 100 mg/kg. Cleanup level for GRPH with benzene present is 30 mg/kg

⁵Cleanup level for total xylenes is 9 mg/kg.

mg/kg = milligrams per kilogram; NE = not established; MTCA = Model Toxics Control Act; NT = not tested

BOLD and highlighted values indicate greater than applicable MTCA Method A cleanup levels for unrestricted land use.

[http://projects/sites/0050405802/Final/RI-FS/\[Airport Kwik Stop Appendix C Tables.xlsx\]Table C-1](http://projects/sites/0050405802/Final/RI-FS/[Airport Kwik Stop Appendix C Tables.xlsx]Table C-1)

Table C-2

Summary of Groundwater Chemical Analytical Results - Groundwater Samples - RI Direct-Push Borings¹

Airport Kwik Stop Site
Ione, Washington

Well Number	Sample Number	Date Sampled	DRPH ² µg/L	ORPH ² µg/L	GRPH ³ µg/L	Volatile Organic Compounds ⁴					All other VOCs µg/L
						Benzene µg/L	Ethylbenzene µg/L	Toluene µg/L	m,p-Xylene µg/L	o-Xylene µg/L	
Vacant Properties											
DP-26	DP-26-112911	11/29/11	<100	<500	107	33.1	<1	<1	<2	2.08	All non-detect
DP-27	DP-27-112911	11/29/11	<100	<500	<100	<1	<1	<1	<2	<1	All non-detect
DP-28	DP-28-112911	11/29/11	<100	<500	211	2,240 (J)	<1	8.45	10.8	2.79	All non-detect
DP-29	DP-29-112911	11/29/11	<100	<500	<100	1.54	<1	<1	<2	<1	All non-detect
MTCA Method A Cleanup Level			500	500	800	5	700	1,000	1,000 ⁵		Various

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane, Washington.

²Diesel (DRPH) and Lube Oil (ORPH) analyzed using Northwest Method NWTPH-Dx.

³Gasoline (GRPH) analyzed using Northwest Method NWTPH-Gx.

⁴Volatile organic compounds (VOCs) analyzed using by EPA Methods 8260B/8260C.

⁵Cleanup level for total xylenes is 1,000 µg/L.

(J) for flag qualifier indicates an estimated value. See Appendix F for Data Quality Assessment Summary.

µg/L - micrograms per liter; mg/L = milligrams per liter; NE = not established; MTCA = Model Toxics Control Act

[http://projects/sites/0050405802/Final/RI-FS/\[Airport Kwik Stop Appendix C Tables.xlsx\]Table C-2](http://projects/sites/0050405802/Final/RI-FS/[Airport Kwik Stop Appendix C Tables.xlsx]Table C-2)

Table C-3

Summary of Groundwater Chemical Analytical Results - Monitoring Well Samples¹

Airport Kwik Stop Site
Ione, Washington

Well Number	Sample Number	Date	DRPH ² µg/L	ORPH ² µg/L	GRPH ³ µg/L	Volatile Organic Compounds ⁴								
						Benzene µg/L	Ethylbenzene µg/L	Toluene µg/L	m,p-Xylene µg/L	o-Xylene µg/L	MTBE µg/L	Naphthalene µg/L	EDB µg/L	EDC µg/L
MW-1	MW-1-080510	08/05/10	<100	<500	<100	<0.5	<0.5	1.81	1.93	0.89	<0.5	<0.5	<0.01	<0.5
	MW-1-111010	11/10/10			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-1-021611	02/16/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-1-051111	05/11/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-1-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-1-110911	11/09/11			110	<0.5	<0.5	<0.5	<1	<0.5				
	MW-1-121211	12/12/11			<100	<0.5	<0.5	<0.5	<1	<0.5				
	MW-1-022112	02/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<1	<0.01	<0.1
MW-1-050712	05/07/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1	
MW-2	MW-2-080610	08/06/10	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.01	<0.5
	MW-2-111010	11/10/10			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-2-021611	02/16/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-2-051111	05/11/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-2-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-2-110911	11/09/11			<100	<0.5	<0.5	<0.5	<1	<0.5				
	MW-2-022112	02/21/12			<100	<0.1	<0.1	<0.2	<0.2	<0.1		<1	<0.01	<0.1
	MW-2-050712	05/07/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1
MW-3	MW-3-080610	08/06/10	<100	<500	24,500	2,680	831	3,330	1,940	615	<50	80.1	<50	<50
	MW-3-111010	11/11/10			20,200	1,940	314	2,870 (u) ⁸	1,680	653	<5	84.3	<5	<5
	MW-3-021611	02/16/11			24,200	1,980	647	3,350	2,230	771	<100	107	<100	<100
	MW-3-051111	05/11/11			40,300	2,460	963	4,980	3,110	1,280	<50	109	<50	<50
	MW-3-080311	08/03/11			74,700	5,470	1,700	16,200	6,830	3,160	<500	<500	<500	<500
	MW-3-111111	11/11/11			78,000	1,940	1,970	11,300	8,150	3,110				
	MW-3-022112	02/21/12			69,700	380	2,320	5,680	8,010	2,770		577	<40	<100
	MW-3-050812	05/08/12			61,900	241	1,970	6,930	6,570	2,210		<100	<40	<100
MW-4	MW-4-080610	08/06/10	<100	<500	4,940	21.3	80.6	462	425	189	<25	10.3	<5	<5
	MW-4-111010	11/11/10			1,190	9.36	7.04	78.3 (u) ⁸	94.5	55.6	<5	<5	<5	<5
	MW-4-021711	02/17/11			359	1.27 (J) ^{6,7}	1.34 (J) ^{6,7}	11.8 (J) ^{6,7}	16.8 ^{6,7}	16.6 (J) ^{6,7}	<0.5	0.89 (J) ⁷	<0.01	<0.5
	MW-4-051111	05/11/11			394	1.19	1.82	9.12	30.4	31.1	<0.5	0.75	<0.01	<0.5
	MW-4-080311	08/03/11			687	3.85	9.36	45.5	74.8	63.6	<0.5	0.96	<0.5	<0.5
	MW-4-111011	11/10/11	<100	<500	2,250	5.75	60.5	114	281	155				
	MW-4-022112	02/22/12			482	<1	13.7	3.68	55.4	34.8		1.87	<0.1	<1
	MW-4-050812	05/08/12			367	<0.5	6.57	2.19	19.1	16.6		1.17	<0.05	<0.5
MW-5	MW-5-080610	08/06/10	<100	<500	188,000	2,210	3,210	37,900	13,900	5,510	<500	<500	<500	<500
	MW-5-111010	11/11/10			80,600	525	2,120	8,420 (u) ⁸	9,330	3,360	<250	<250	<250	<250
	MW-5-021711	02/17/11			110,000	1,010	2,200	13,800	9,080	3,840	<25	364	<25	<25
	MW-5-121211	12/12/11			323,000	<500	3,150	15,400	14,400	6,410				
MW-6	MW-6-080610	08/06/10	<100	<500	76,400	9,880	1,640	14,400	5,180	2,720	<250	<250	<250	<250
	MW-6-111010	11/11/10			16,600 (J) ⁷	3,900	873 (J) ⁷	466 (u) ⁸	1,410	1,280	<125	200 (J) ⁸	<125	<125
	MW-6-021711	02/17/11			15,600	3,820	628	262	656	1,250	<100	147	<100	<100
	MW-6-051111	05/11/11			6,850	2,560	325	642	530	360	<50	59	<50	<50

Well Number	Sample Number	Date	DRPH ² µg/L	ORPH ² µg/L	GRPH ³ µg/L	Benzene µg/L	Ethylbenzene µg/L	Toluene µg/L	m,p-Xylene µg/L	o-Xylene µg/L	MTBE µg/L	Naphthalene µg/L	EDB µg/L	EDC µg/L
MW-6 cont.	MW-6-080311	08/03/11			21,900	557	547	2,130	2,170	1,680	<50	97.7	<50	<50
	MW-6-111111	11/11/11	<100	<500	79,400	1,160	1,380	13,400	6,760	4,160				
	MW-6-022112	02/22/12			33,400	177	990	1,510	3,120	3,770		219	<20	<50
	MW-6-050812	05/08/12			66,600	<100	2,690	6,280	7,550	3,320		184	<40	<100
MW-7	MW-7-080610	08/06/10	<100	<500	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.01	<0.5
	MW-7-111010	11/11/10			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.01	<0.5
	MW-7-021611	02/16/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.01	<0.5
	MW-7-051111	05/11/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.01	<0.5
	MW-7-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.01	<0.5
	MW-7-110911	11/09/11			<100	<0.5	<0.5	<0.5	<1	<0.5				
	MW-7-022112	02/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<1	<0.01	<0.1
	MW-7-050712	05/07/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1
MW-8	MW-8-080610	08/06/10	<100	<500	14,800	2,620	334	1,750	902	403	<25	<25	<25	<25
	MW-8-111010	11/11/10			12,000	2,670	321	1,360 (u) ⁸	756	187	<50	72.3	<50	<50
	MW-8-021711	02/17/11			13,400	3,280	421	2,010	1,490	548	<50	<50	<50	<50
	MW-8-080311	08/03/11			227,000	2,140	6,740	26,700	27,200	12,100	<500	869	<500	<500
	MW-8-111111	11/11/11			137,000	6,330	3,460	14,400	13,900	5,190				
	MW-8-022112	02/21/12			126,000	2,340	2,170	19,000	8,580	3,460		510	<40	<100
	MW-8-050712	05/07/12			87,600	907	1,380	11,400	5,440	2,050		<250	<100	<250
MW-9	MW-9-111010	11/11/10			<100	0.50	<0.5	<0.5	<0.5	<0.5	<.05	<0.5	<0.01	<0.5
	MW-9-021611	02/16/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<.05	<0.5	<0.01	<0.5
	MW-9-051111	05/11/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<.05	<0.5	<0.01	<0.5
	MW-9-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<.05	<0.5	<0.01	<0.5
	MW-9-111011	11/10/11			4,320	665	75.2	619	250	142				
	MW-9-121211	12/12/11			53,800	3,530	780	7,010	2,730	1,210				
	MW-9-022112	02/21/12			49,300	4,550	1,930	5,500	5,080	3,080		116	<40	<100
MW-10	MW-9-050812	05/08/12			25,800	1,020	1,140	227	1,590	1,710		81.4	<10	<25
	MW-10-111010	11/11/10			<100	0.50	<0.5	<0.5	<0.5	<0.5	0.60	<0.5	<0.01	<0.5
	MW-10-021711	02/17/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	0.59	<0.5	<0.01	<0.5
	MW-10-051111	05/11/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-10-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-10-111011	11/10/11			<100	<0.5	<0.5	<0.5	<1	<0.5				
	MW-10-031612	03/16/12			342	276	12.2	66.9	<10	25.5	<5	<5	<2	<5
MW-11	MW-10-050812	05/08/12			1,370	319	176	16.0	137	245		<5	<2	<5
	MW-10-082112	08/21/12			147	21.0	5.43 (J) ⁷	<0.5	4.47 (J) ⁷	16.1 (J) ⁷	<0.5	<2.5	<0.05	<0.5
	MW-11-111010	11/11/10			<100	0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-11-021711	02/17/11			140	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-11-050000	05/11/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-11-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-11-111011	11/10/11			<100	<0.5	<0.5	<0.5	<1	<0.5				
MW-12	MW-11-022112	02/21/12			5,870	793	430	136	936	715		<1	<5	14.0
	MW-11-050812	05/08/12			7,320	169	240	26.4	831	573		<10	<4	<10
	MW-11-082112	08/21/12			2,570	231	218	9.48	178	389	<5	<25	<0.5	<5
	MW-12-111010	11/11/10			<100	0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-12-021711	02/17/11			126	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-12-051211	05/12/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5

Well Number	Sample Number	Date	DRPH ² µg/L	ORPH ² µg/L	GRPH ³ µg/L	Benzene µg/L	Ethylbenzene µg/L	Toluene µg/L	m,p-Xylene µg/L	o-Xylene µg/L	MTBE µg/L	Naphthalene µg/L	EDB µg/L	EDC µg/L
MW-12 cont.	MW-12-080311	08/03/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-12-111011	11/10/11	<100	<500	<100	<0.5	<0.5	<0.5	<1	<0.5				
	MW-12-022112	02/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<1	<0.01	<0.1
	MW-12-050812	05/08/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1
	MW-2-082112	08/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.5	<0.01	<0.1
MW-13	MW-13-080411	08/04/11			771	7.98	31.0	2.66	77.9	73.8	<0.5	16.5	<0.5	<0.5
	MW-13-111111	11/11/11			23,500	<50	761	86.4	1,690	2,230				
	MW-13-022112	02/22/12			6,410	<12.5	409	18.4	451	380		53.8	<5	<12.5
	MW-13-050812	05/08/12			1,280	<2.5	81.2	<2.5	19.8	13.5		29.4	<1	<2.5
MW-14	MW-14-080411	08/04/11			<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.5
	MW-14-111011	11/10/11	<100	<500	5,590	2,690	313	841	268	338			<0.01	<0.5
	MW-14-121211	12/12/11			6,280	415	256	198	619	808				
	MW-14-022112	02/22/12			1,170	43.7	91.2	<5	70.6	140		<1	<2	<5
	MW-14-050812	05/08/12			507	112	<2.5	<2.5	<5	4.18		4.57	<1	<2.5
MW-15	MW-15-080411	08/04/11			1,660	847	129	29.8	<25	73.2	<25	41.9	<25	<25
	MW-15-111111	11/11/11	<100	<500	111	16	2.02	<0.5	<1	<0.5				
	MW-15-022112	02/22/12			<100	1.72	0.34	<0.1	<0.2	<0.1		2.57	<0.01	<0.1
	MW-15-050812	05/08/12			<100	0.73	<0.1	<0.1	<0.2	<0.1		0.33	<0.01	<0.1
	MW-15-082112	08/21/12			<100	0.23	0.14	<0.1	<0.2	<0.1	<0.1	<0.5	<0.01	<0.1
MW-16	MW-16-050812	05/08/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1
	MW-16-082112	08/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.5	<0.01	<0.1
MW-17	MW-17-050812	05/08/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1
	MW-17-082112	08/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.5	<0.01	<0.1
MW-18	MW-18-050812	05/08/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1		<0.1	<0.01	<0.1
	MW-18-082112	08/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	0.13	<0.5	<0.01	<0.1
MW-19	MW-19-050812	05/08/12			23,100	<12.5	380	<12.5	1,940	628		118	<5	<12.5
Cabin Well	Cabin Well-080610	08/06/10	<100	<500	40,000	770	877	4,920	2,600	1,390	<50	147	<50	<50
	101209043-001	12/08/10			26,100	227	592	3,640	1,930	1,090	<0.5	410	<0.5	<0.5
	110221034-014	02/21/11			21,500	440	517	2,210	1,710	1,080	<50	92.8	<50	<50
	110513012-012	05/12/11			14,000	540	414	982	985	687	<25	92.3	<25	<25
Cabin Grill	Cabin Grill-080411	08/04/11			45,500	143	997	5,440	5,140	2,570	<100	244	<100	<100
	Cabin Grill-111111	11/11/11	<100	<500	7,020	<5	159	31.4	732	145				
	Cabin Grill-121211	12/12/11			1,280	<25	179	52.5	1,140	264				
	Cabin Grill-022212	02/22/12			13,700	<25	342	155	2,000	601		95.5	<10	<25
	Cabin Grill-050812	05/08/12			22,100	<25	464	270	2,310	703		88.3	<10	<25
6628 Well	111213061-006	12/12/11			<100	<1	<1	<1	<2	<1			<0.05	<1
Duplicate-1 (MW-4)	80610	08/06/10	<100	<500	4,920	21.6	81.5	472	419	194	<5	7.54	<5	<5
	110221034-013	02/17/11			476	1.98 (J) ^{6,7}	2.00 (J) ^{6,7}	18.7 (J) ^{6,7}	24.3 ⁶	21.1 (J) ^{6,7}	<0.5	1.12 (J) ^{6,7}	<0.5	<0.5
	110513012-011	05/12/11			467	1.09	1.62	7.97	27.5	28.2	<0.5	0.75	<0.01	<0.5
	110805029-016	08/04/11			708	3.57	9.67	41.8	75.7	63.7	<0.6	1.06	<0.5	<0.5
	110805029-016	11/10/11			2,340	5.61	54.8	105	260	139				
	120223018-015	02/22/12			505	<0.5	15.6	3.91	56.6	34.4	2.08		<0.2	<0.5
120509043-019	05/08/12			357	<0.5	5.91	1.54	16.2	14.3	0.98		<0.05	<0.5	
Duplicate-1 (MW-6)	10112036-013	11/11/10			10,800 (J) ⁷	4,530	258	430 (u) ⁸	1,570	1,650	<50	50.7 (J) ⁷	<50	116
Duplicate-1 (MW-10)	Duplicate-1-082112	08/21/12			189	30.0	8.21 (J) ⁷	0.62	6.76 (J) ⁷	24.9 (J) ⁷	<0.5	<2.5	<0.05	<0.5
6607 Well	Tobin Well-041212	04/12/12			156	433	5.05	26.8	<8	<4	<4	5.83	<4	<4
	Tobin Well-050812	05/08/12			914	1,190	48.4	224	<40	30.2	<20		<8	<20

Well Number	Sample Number	Date	DRPH ² µg/L	ORPH ² µg/L	GRPH ³ µg/L	Benzene µg/L	Ethylbenzene µg/L	Toluene µg/L	m,p-Xylene µg/L	o-Xylene µg/L	MTBE µg/L	Naphthalene µg/L	EDB µg/L	EDC µg/L
MP-1	MP-1-050712	05/07/12			6,820	639	92.8	950	327	144	<20		<8	<20
MP-2	MP-2-050712	05/07/12			3,020	337	48.1	514	188	82.3	<10		<4	<10
6475 Well	Doyle Well-041212	04/12/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.1	<0.01	<0.1
6469 Well	Brown Well-041212	04/12/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.1	<0.01	<0.1
6647 Well	Winther Well-041212	04/12/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.1	<0.01	<0.1
6475 Hand Dug Well	Hand Dug Well-041212	04/12/12			458	23.0	9.37	66.1	37.0	16.8	<1	<1	<1	<1
6608/6609 Well	BordenWell-050112	05/01/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	2.43	<0.01	<0.1
	Well 6608/6609	07/27/12			673	97.0	45.4	3.06	77.3	89.7	<2	<10	<0.2	<2
	Domestic Well 6608/6609-0821	08/21/12				215	95.2	7.04	253	243	<0.5	<0.5	<0.5	<0.5
6606 Well	JonesWell-050112	05/01/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.1	<0.01	<0.1
	Well 6606	07/27/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	0.93	<0.5	<0.01	<0.1
6610 Well	Altman Drilled	05/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.01	<0.1
6610 Hand Dug Well	Altman Hand Dug	05/21/12			<100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.1	<0.01	<0.1
6610 New Wells	Well 6610 New West	07/27/12			<100	<0.1	<0.1	1.49	<0.2	<0.1	<0.1	<0.5	<0.01	<0.1
	Well 6610 New East	07/27/12			<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.1	<0.01	<0.1
MTCA Method A Cleanup Level			500	500	800	5	700	1,000	1,000⁵		20	160	0.01	5

Notes:

¹Chemical analyses conducted by Anatek Labs, Inc. located in Spokane, Washington.

²Diesel and Lube Oil analyzed using Northwest Method NWTPH-Dx.

³Gasoline analyzed using Northwest Method NWTPH-Gx.

⁴Volatile organic compounds analyzed using by EPA Methods 8260B/8260C.

⁵Cleanup level for total xylenes is 1,000 µg/L.

⁶VOC results reported from RBCA volatiles list due to discrepancy between the RBCA volatiles list and the full 8260C list. Reported result is the higher of the two reported values.

⁷(J) Flag qualifier indicates an estimated value. Refer to applicable Quarterly Groundwater Monitoring Report or Appendix F of this Report for additional information.

⁸(u) Concentrations of toluene qualified as non-detect due to trip blank contamination. Refer to Quarterly Groundwater Monitoring Report dated January 25, 2011 for additional information.

µg/L - micrograms per liter; mg/L = milligrams per liter; NE = not established; EDB = 1,2-Dibromoethane; EDC = 1,2-Dichloroethane; MTCA = Model Toxics Control Act; MTBE = methyl tert-butyl ether;

BOLD and highlight indicates exceedance of MTCA Method A cleanup level.

[http://projects/sites/0050405802/Final/RI-FS/\[Airport Kwik Stop Appendix C Tables.xlsx\]Table C-3](http://projects/sites/0050405802/Final/RI-FS/[Airport Kwik Stop Appendix C Tables.xlsx]Table C-3)

Table C-4

Summary of Groundwater Chemical Analytical Results - Water Quality Parameters

Airport Kwik Stop Site

Ione, Washington

Sample Number	Date Sampled	Alkalinity (mg/L)	Dissolved Iron (mg/L)	Dissolved Manganese (mg/L)	NO ₃ /N (mg/L)	pH (pH units)	Sulfate (mg/L)
MW-6-111111	11/11/11	370	<0.01	0.532	<0.100	7.11	2.56
MW-6-022112	02/22/12	334	0.022	1.12	<0.100	7.01	1.60
MW-6-050812	05/08/12	276	<0.01	2.61	<0.100	7.20	1.25
MW-7-110911	11/09/11	230	<0.01	0.142	0.827	7.17	6.34
MW-7-022112	02/22/12	216	0.0111	0.00617	0.486	7.12	5.51
MW-7-050712	05/07/12	208	<0.01	0.136	0.396	7.33	5.65
MW-14-111011	11/10/11	412	<0.01	0.002	0.310	7.20	2.84
MW-14-022112	02/22/12	310	<0.01	0.00352	0.576	7.04	4.13
MW-14-050812	05/08/12	296	<0.01	0.0178	0.965	7.19	3.02
MW-15-111111	11/11/11	238	<0.01	0.543	0.127	7.41	3.43
MW-15-022212	02/22/12	228	<0.01	0.810	0.173	7.29	3.56
MW-15-050812	05/08/12	216	<0.01	0.547	0.233	7.35	4.08

Notes:

mg/L = milligrams per liter

[http://projects/sites/0050405802/Final/RI-FS/\[Airport Kwik Stop Appendix C Tables.xlsx\]Table C-4](http://projects/sites/0050405802/Final/RI-FS/[Airport Kwik Stop Appendix C Tables.xlsx]Table C-4)

Table C-5
Summary of Groundwater Level Measurements
Airport Kwik Stop Site
Ione, Washington

Well Number	Date Measured	Top of Casing Elevation¹ (feet)	Depth to Water² (feet)	Groundwater Elevation¹ (feet)
MW-1	08/05/10	2,106.45	29.41	2,077.04
	11/10/10	2,106.45	29.40	2,077.05
	02/09/11	2,106.45	29.76	2,076.69
	05/10/11	2,106.45	29.10	2,077.35
	08/02/11	2,106.45	28.12	2,078.33
	11/09/11	2,106.45	27.95	2,078.50
	12/12/11	2,106.45	28.11	2,078.34
	02/21/12	2,106.45	28.54	2,077.91
	05/07/12	2,106.45	28.36	2,078.09
	08/21/12	2,106.45	27.89	2,078.56
MW-2	08/05/10	2,109.36	37.54	2,071.82
	11/10/10	2,109.36	37.53	2,071.83
	02/09/11	2,109.36	37.67	2,071.69
	05/10/11	2,109.36	37.02	2,072.34
	08/02/11	2,109.36	35.56	2,073.80
	11/09/11	2,109.36	34.24	2,075.12
	12/12/11	2,109.36	34.19	2,075.17
	02/21/12	2,109.36	34.48	2,074.88
	05/07/12	2,109.36	34.45	2,074.91
	08/21/12	2,109.36	33.91	2,075.45
MW-3	08/05/10	2,110.17	38.66	2,071.51
	11/10/10	2,110.17	38.63	2,071.54
	02/09/11	2,110.17	38.73	2,071.44
	05/10/11	2,110.17	38.19	2,071.98
	08/02/11	2,110.17	36.90	2,073.27
	11/09/11	2,110.17	35.56	2,074.61
	12/12/11	2,110.17	35.48	2,074.69
	02/21/12	2,110.17	35.71	2,074.46
	05/07/12	2,110.17	35.70	2,074.47
	08/21/12	2,110.17	35.27	2,074.90
MW-4	08/05/10	2,109.31	38.17	2,071.14
	11/10/10	2,109.31	38.14	2,071.17
	02/09/11	2,109.31	38.26	2,071.05
	05/10/11	2,109.31	37.69	2,071.62
	08/02/11	2,109.31	36.36	2,072.95
	11/09/11	2,109.31	34.89	2,074.42
	12/12/11	2,109.31	34.83/34.84 ³	2074.48 ⁴
	02/21/12	2,109.31	35.07	2,074.24
	05/07/12	2,109.31	35.01	2,074.30

Well Number	Date Measured	Top of Casing Elevation ¹ (feet)	Depth to Water ² (feet)	Groundwater Elevation ¹ (feet)
MW-4 cont.	08/21/12	2,109.31	34.73	2,074.58
MW-5	08/05/10	2,109.28	38.57	2,070.71
	11/10/10	2,109.28	37.90/38.51 ³	2,071.23 ⁴
	02/09/11	2,109.28	37.97/38.72 ³	2,071.12 ⁴
	05/10/11	2,109.28	37.50/37.85 ³	2,071.69 ⁴
	08/02/11	2,109.28	36.07/36.94 ³	2,072.99 ⁴
	11/09/11	2,109.28	34.71/35.42 ³	2,074.39 ⁴
	12/12/11	2,109.28	34.63/35.30 ³	2,074.48 ⁴
	02/21/12	2,109.28	34.83/35.61 ³	2,074.26 ⁴
	05/07/12	2,109.28	34.84/35.48 ³	2,074.28 ⁴
	08/21/12	2,109.28	34.41/34.77	2074.78
MW-6	08/05/10	2,110.34	39.72	2,070.62
	11/10/10	2,110.34	39.68	2,070.66
	02/09/11	2,110.34	39.80	2,070.54
	05/10/11	2,110.34	39.17	2,071.17
	08/02/11	2,110.34	38.12	2,072.22
	11/09/11	2,110.34	36.69	2,073.65
	12/12/11	2,110.34	36.57	2,073.77
	02/21/12	2,110.34	36.7	2,073.64
	05/07/12	2,110.34	36.69	2,073.65
	08/21/12	2,110.34	36.37	2,073.97
MW-7	08/05/10	2,109.31	36.27	2,073.04
	11/10/10	2,109.31	36.27	2,073.04
	02/09/11	2,109.31	36.38	2,072.93
	05/10/11	2,109.31	35.97	2,073.34
	08/02/11	2,109.31	34.66	2,074.65
	11/09/11	2,109.31	33.76	2,075.55
	12/12/11	2,109.31	33.74	2,075.57
	02/21/12	2,109.31	34.10	2,075.21
	05/07/12	2,109.31	34.08	2,075.23
	08/21/12	2,109.31	33.58	2,075.73
MW-8	08/05/10	2,109.72	37.93	2,071.79
	11/10/10	2,109.72	37.90	2,071.82
	02/09/11	2,109.72	38.01	2,071.71
	05/10/11	2,109.72	37.45/37.70 ³	2,072.21 ⁴
	8/2/2011 ⁵	2,109.65	35.91	2,073.74
	11/09/11	2,109.65	34.63	2,075.02
	12/12/11	2,109.65	34.57	2,075.08
	02/21/12	2,109.65	34.94	2,074.71
	05/07/12	2,109.65	34.79	2,074.86
	08/21/12	2,109.65	34.28	2,075.37
MW-9	11/10/10	2,109.43	38.43	2,071.00
	02/09/11	2,109.43	38.53	2,070.90
	05/10/11	2,109.43	37.95	2,071.48

Well Number	Date Measured	Top of Casing Elevation¹ (feet)	Depth to Water² (feet)	Groundwater Elevation¹ (feet)
MW-9 cont.	08/02/11	2,109.43	37.00	2,072.43
	11/09/11	2,109.43	35.72	2,073.71
	12/12/11	2,109.43	35.60	2,073.83
	02/21/12	2,109.43	35.73	2,073.70
	05/07/12	2,109.43	35.71	2,073.72
	08/21/12	2,109.43	35.42	2,074.01
MW-10	11/10/10	2,085.56	15.96	2,069.60
	02/09/11	2,085.56	16.05	2,069.51
	05/10/11	2,085.56	15.23	2,070.33
	08/02/11	2,085.56	14.80	2,070.76
	11/09/11	2,085.56	13.54	2,072.02
	12/12/11	2,085.56	13.35	2,072.21
	03/16/12	2,085.56	12.92	2,072.64
	05/07/12	2,085.56	13.22	2,072.34
	08/21/12	2,085.56	13.05	2,072.51
MW-11	11/10/10	2,093.44	23.33	2,070.11
	02/09/11	2,093.44	23.43	2,070.01
	05/10/11	2,093.44	22.66	2,070.78
	08/02/11	2,093.44	22.00	2,071.44
	11/09/11	2,093.44	20.71	2,072.73
	12/12/11	2,093.44	20.54	2,072.90
	02/21/12	2,093.44	20.58	2,072.86
	05/07/12	2,093.44	20.54	2,072.90
	08/21/12	2,093.44	20.29	2,073.15
MW-12	11/10/10	2,108.87	37.98	2,070.89
	02/09/11	2,108.87	38.11	2,070.76
	05/10/11	2,108.87	37.51	2,071.36
	08/02/11	2,108.87	36.19	2,072.68
	11/09/11	2,108.87	34.70	2,074.17
	12/12/11	2,108.87	34.60	2,074.27
	02/21/12	2,108.87	34.83	2,074.04
	05/07/12	2,108.87	34.82	2,074.05
	08/21/12	2,108.87	34.38	2,074.49
MW-13	08/02/11	2,109.09	36.77	2,072.32
	11/09/11	2,109.09	35.29	2,073.80
	12/12/11	2,109.09	35.17	2,073.92
	02/21/12	2,109.09	35.34	2,073.75
	05/07/12	2,109.09	35.31	2,073.78
	08/21/12	2,109.09	34.97	2,074.12
MW-14	08/02/11	2,103.16	31.61	2,071.55
	11/09/11	2,103.16	30.21	2,072.95
	12/12/11	2,103.16	30.04	2,073.12
	02/21/12	2,103.16	30.14	2,073.02
	5/7/2012	2,103.16	30.10	2,073.06

Well Number	Date Measured	Top of Casing Elevation ¹ (feet)	Depth to Water ² (feet)	Groundwater Elevation ¹ (feet)
MW-14 cont.	08/21/152	2,103.16	29.82	2,073.34
MW-15	08/02/11	2,112.90	41.56	2,071.34
	11/09/11	2,112.90	40.03	2,072.87
	12/12/11	2,112.90	39.89	2,073.01
	02/21/12	2,112.90	40.03	2,072.87
	05/07/12	2,112.90	39.99	2,072.91
	08/21/12	2,112.90	39.63	2,073.27
MW-16	05/07/12	2,085.20	14.02	2,071.18
	08/21/12	2,085.20	13.81	2,071.39
MW-17	05/07/12	2,109.74	35.74	2,074.00
	08/21/12	2,109.74	35.40	2,074.34
MW-18	05/07/12	2,093.57	20.32	2,073.25
	08/21/12	2,093.57	20.15	2,073.42
MW-19	05/07/12	2,109.31	34.75	2,074.56
	08/21/12	2,109.31	34.26	2,075.05
MP-1	05/07/12	2,109.48	34.68	2,074.80
	08/21/12	2,109.48	34.16	2,075.32
MP-2	05/07/12	2,109.40	34.56	2,074.84
	08/21/12	2,109.40	34.05	2,075.35

Notes:

¹Elevations are referenced to NAVD 88. Top of casing elevation survey performed by Thomas, Dean & Hoskins, Inc. (TD&H).

²Depth to water measurements referenced to the top of PVC casing.

³Product was measured in this well; posted measurements reflect depth to product/depth to water.

⁴Groundwater elevation in these wells for this event was calculated using the following equation:

$GW = SG \times T + IE$; where GW = equivalent groundwater elevation, SG = assumed specific gravity of free product (0.75 is typical for gasoline),

T = thickness of product measured in water using oil/water interface probe, IE = elevation of water/product interface measured in the well.

⁵Top of well casing adjusted during repairs to well monument in June 2011. Top of well casing resurveyed by TD&H in August 2011.

[https://projects.geoengineers.com/sites/0050405802/Draft/groundwater monitoring/\[lone GW Monitoring Tables 8th Qtr 2012.xlsx\]Table 1](https://projects.geoengineers.com/sites/0050405802/Draft/groundwater%20monitoring/[lone%20GW%20Monitoring%20Tables%208th%20Qtr%202012.xlsx]Table%201)

Table C-6
Summary of Field Quality Parameters
Airport Kwik Stop Site
Ione, Washington

Sample Number	Date Sampled	pH	Specific Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	ORP (mV)	Well Headspace PID Readings (ppm)
MW-1	08/05/10	7.36	319.10	1.01	6.99	14.82	95	0.0
	11/10/10	7.09	54.00	4.02	9.12	8.02	363	0.0
	02/16/11	6.75	58.20	10.00	10.53	8.17	268	0.0
	05/11/11	7.40	30.46	8.47	8.39	10.09	105	0.0
	08/03/11	7.28	31.11	9.76	8.30	8.85	239	0.0
	11/09/11	7.30	31.78	14.31	8.93	8.41	235	0.0
	12/12/11	7.43	29.93	8.34	7.86	8.70	207	0.0
	02/21/12	7.14	26.40	7.60	7.06	6.89	13	0.0
	05/07/12	7.51	27.10	5.66	7.09	8.43	147	0.0
	08/21/12	NA	NA	NA	NA	NA	NA	12.6
MW-2	08/06/10	6.98	46.00	0.00	3.66	14.66	95	13.6
	11/10/10	6.62	67.70	0.00	4.24	9.15	373	0.0
	02/16/11	6.56	71.00	5.68	4.07	9.29	278	0.0
	05/11/11	7.01	35.52	12.09	5.54	11.67	82	0.0
	08/03/11	7.07	34.86	13.12	5.69	10.53	214	0.0
	11/09/11	7.19	30.94	7.30	8.01	8.95	218	0.0
	02/21/12	7.15	27.17	6.98	6.19	7.67	14	0.4
	05/07/12	7.36	30.06	6.14	6.41	9.62	149	0.0
		08/21/12	NA	NA	NA	NA	NA	NA
MW-3	08/06/10	6.76	717.30	0.09	0.02	15.16	-107	19.8
	11/10/10	6.45	101.00	0.00	0.00	9.27	-127	0.0
	02/16/11	6.30	57.80	7.34	0.00	8.98	-149	0.0
	05/12/11	6.70	69.91	13.68	0.14	10.32	-117	10.3
	08/04/11	6.66	78.01	6.40	0.48	10.45	-22	18.9
	11/09/11	6.81	58.64	9.65	0.44	8.72	3	0.0
	02/22/12	6.91	48.12	2.33	0.16	8.14	-198	NM
	05/08/12	7.02	71.40	6.82	0.35	10.63	-66.8	15.6
		08/21/12	NA	NA	NA	NA	NA	NA
MW-4	08/06/10	7.50	356.00	4.38	0.17	14.88	-72	2,100
	11/10/10	6.95	81.10	0.00	2.66	8.97	196	575
	02/17/11	6.73	99.90	3.12	0.00	8.79	273	575

Sample Number	Date Sampled	pH	Specific Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	ORP (mV)	Well Headspace PID Readings (ppm)
MW-4 cont.	05/12/11	7.07	43.26	36.75	0.86	9.55	57	1,212
	08/04/11	7.08	40.82	78.28	2.25	11.75	202	1,158
	11/09/11	7.24	34.19	10.29	3.85	8.54	140	2,000
	02/22/12	7.25	29.35	15.71	2.18	7.71	208	NM
	05/08/12	7.41	43.50	0.00	1.93	8.92	6.2	700
	08/21/12	NA	NA	NA	NA	NA	NA	577
MW-5	08/06/10	6.85	606.40	0.00	NR	17.16	29	2,400
	11/10/10	6.61	92.30	0.00	0.00	9.50	108	4,800
	02/17/11	6.93	91.40	0.00	0.00	8.84	94	4,800
	05/10/11	NA	NA	NA	NA	NA	NA	1,657
	08/04/11	NA	NA	NA	NA	NA	NA	1,425
	11/09/11	NA	NA	NA	NA	NA	NA	2,750
	02/22/12	NA	NA	NA	NA	NA	NA	NM
	05/07/12	NA	NA	NA	NA	NA	NA	1,800
08/21/12	NA	NA	NA	NA	NA	NA	2,784	
MW-6	08/05/10	6.74	757.90	16.70	0.49	14.97	-27	0.3
	11/10/10	6.52	100.00	0.00	0.00	9.14	-38	0.0
	02/17/11	6.37	109.00	8.57	0.00	8.90	-75	0.0
	05/12/11	6.83	62.09	17.19	0.67	9.76	-13	37.2
	08/04/11	6.96	61.46	16.26	1.46	10.39	-18	0.0
	11/09/11	7.10	52.05	11.17	1.83	8.53	68	0.0
	02/22/12	7.27	37.68	4.80	0.77	3.47	-187	NM
	05/08/12	7.42	52.00	9.32	0.20	11.44	-126.5	2.4
	08/21/12	NA	NA	NA	NA	NA	NA	0.0
MW-7	08/06/10	7.36	329.80	6.39	1.13	14.01	-57	1.2
	11/10/10	6.83	60.10	9.21	0.00	8.11	-20	0.0
	02/16/11	6.80	61.70	3.84	0.00	7.83	-14	0.0
	05/11/11	7.34	28.87	13.57	0.00	9.79	-39	0.0
	08/03/11	7.07	31.11	8.93	7.06	9.86	-39	0.0
	11/09/11	7.03	31.23	4.27	7.79	8.06	204	0.0
	02/22/12	7.25	25.91	12.15	7.09	6.30	70	0.0
	05/07/12	7.39	27.39	4.88	4.71	8.55	139	0.0
	08/21/12	7.27	31.19	7.73	6.57	11.45	232	0.0
MW-8	08/06/10	6.66	508.60	0.00	NR	14.96	24	2,150
	11/10/10	6.38	90.40	0.00	0.00	9.52	-8	1,280
	02/17/11	6.72	79.30	0.00	0.00	8.57	15	1,280
	05/10/11	NA	NA	NA	NA	NA	NA	1,570
	08/04/11	NA	NA	NA	NA	NA	NA	1,817

Sample Number	Date Sampled	pH	Specific Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	ORP (mV)	Well Headspace PID Readings (ppm)
MW-8 cont.	11/09/11	NA	NA	NA	NA	NA	NA	603
	02/22/12	NA	NA	NA	NA	NA	NA	1,659
	05/07/12	NA	NA	NA	NA	NA	NA	1,785
	08/21/12	NA	NA	NA	NA	NA	NA	3,512
MW-9	11/10/10	7.15	55.40	8.16	7.53	8.37	244	0.0
	02/16/11	6.99	57.80	11.12	9.51	8.12	251	0.0
	05/11/11	7.50	26.68	26.44	8.11	9.95	36	0.0
	08/03/11	7.43	30.11	1.75	8.38	10.03	239	0.0
	11/09/11	7.19	64.99	17.27	1.80	8.31	90	0.0
	12/12/11	7.18	61.88	1.78	1.09	8.12	86	0.0
	02/22/12	7.17	61.68	3.03	0.37	7.29	129	0.0
	05/08/12	7.26	75.70	5.26	0.64	11.00	-47.1	18.2
	08/21/12	NA	NA	NA	NA	NA	NA	0.0
MW-10	11/10/10	7.08	69.90	4.12	1.44	8.95	48	0.0
	02/16/11	6.89	79.20	0.00	0.00	8.20	226	0.0
	05/11/11	7.33	23.28	12.30	8.82	8.61	35	0.0
	08/03/11	7.13	27.75	17.17	6.98	11.37	285	0.0
	11/09/11	7.18	25.84	13.70	8.81	9.17	175	0.0
	03/16/12	7.07	48.99	5.17	3.22	7.02	313	0.0
	05/08/12	7.21	50.40	5.94	1.79	7.54	113	1.1
	08/21/12	7.25	39.59	11.67	1.84	13.12	193	0.0
MW-11	11/10/10	7.19	55.90	0.00	7.94	8.86	236	0.0
	02/17/11	7.00	65.20	8.34	10.72	8.73	283	0.0
	05/11/11	7.46	26.43	29.57	8.92	9.64	55	0.0
	08/03/11	7.41	25.23	10.36	9.12	9.16	282	0.0
	11/09/11	7.45	29.38	0.21	12.35	8.73	178	0.0
	02/22/12	7.20	45.96	10.82	4.72	7.34	239	0.0
	05/08/12	7.34	63.70	5.22	4.66	9.25	24.9	0.7
	08/21/12	7.37	40.91	0.44	4.21	10.72	406	0.0
MW-12	11/10/10	7.06	76.00	0.00	8.03	8.82	242	0.9
	02/17/11	6.93	74.30	8.12	11.81	8.54	297	0.9
	05/12/11	7.27	32.62	14.70	7.96	7.20	128	4.7
	08/03/11	7.31	33.41	11.10	8.48	12.09	307	0.0
	11/09/11	7.39	30.51	14.33	8.76	8.55	193	0.0
	02/22/12	7.40	27.50	11.80	7.66	7.68	232	NM
	05/08/12	7.56	28.07	7.44	6.75	9.93	141	20.5
	08/21/12	7.63	26.59	26.99	5.7	11.49	229	18.5
MW-13	08/04/11	7.00	47.94	15.46	2.43	10.36	124	0.0

Sample Number	Date Sampled	pH	Specific Conductivity (mS/m)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	ORP (mV)	Well Headspace PID Readings (ppm)
MW-13 cont.	11/09/11	7.22	48.36	4.65	2.61	8.10	95	0.0
	02/22/12	7.36	42.02	3.373	1.01	7.60	-174	NM
	05/08/12	7.43	63.90	6.379	1.03	9.83	-77.2	12.8
	08/21/12	NA	NA	NA	NA	NA	NA	0.0
MW-14	08/04/11	7.28	30.92	13.59	9.03	10.57	239	0.0
	11/09/11	7.05	53.82	1.53	4.39	8.27	134	0.0
	12/12/11	7.07	48.46	3.00	3.66	8.05	162	0.0
	02/22/12	7.07	37.81	14.82	2.44	7.35	204	0.0
	05/08/12	7.27	40.53	9.05	2.70	9.60	115	0.6
	08/21/12	NA	NA	NA	NA	NA	NA	0.0
MW-15	08/04/11	6.95	44.92	18.10	6.03	10.61	219	11.2
	11/09/11	7.32	30.25	10.07	8.42	8.11	149	0.0
	02/22/12	7.33	28.68	5.95	8.54	7.44	190	0.0
	05/08/12	7.45	29.92	7.96	5.80	9.55	139	0.0
	08/21/12	7.49	30.80	2.91	5.75	12.8	206	0.0
MW-16	05/08/12	7.17	21.80	6.49	8.63	7.57	154	0.0
	08/21/12	6.90	20.59	4.61	8.65	10.84	412	0.0
MW-17	05/08/12	7.36	42.61	6.20	4.63	8.32	161	0.0
	08/21/12	7.36	48.24	8.25	2.62	10.1	243	0.0
MW-18	05/08/12	7.46	44.76	6.42	7.43	8.67	149	0.0
	08/21/12	7.54	36.98	49.07	6.71	10.33	232	2.2
MW-19	05/08/12	7.14	63.00	5.62	0.70	11.62	-18.5	150
	08/21/12	NA	NA	NA	NA	NA	NA	17
MP-1	05/07/12	6.98	46.22	7.46	0.64	13.03	-56	1735
	08/21/12	NA	NA	NA	NA	NA	NA	687
MP-2	05/07/12	6.93	44.40	5.64	1.25	9.51	75	1150
	08/21/12	NA	NA	NA	NA	NA	NA	59

Notes:

NA= not analyzed; mS/m = millisiemens per milligram; mg/L = milligrams per liter; mV = millivolts; ppm = parts per million

[http://projects/sites/0050405802/Final/RI-FS/\[Airport Kwik Stop Appendix C Tables.xlsx\]Table C-6](http://projects/sites/0050405802/Final/RI-FS/[Airport Kwik Stop Appendix C Tables.xlsx]Table C-6)