

**TABLE E-2c
Arsenic Results (Upwind and Downwind)**

Sample ID	Sample Location	Day / Night Shift	Type	Sampling Date	Volume (m3)	Result Arsenic (µg/m3)	Arsenic Reporting Limit	Arsenic Det Limit	Result Mn (µg/m3)	Mn Reporting Limit	Mn Det Limit	TSP Result (g/m3)	Reporting Limit	Site activity during air sampling
UW-08112010	Upwind-Background	Day Shift	AA	8/11/2010	805.35	0.00062 BJ	0.003	0.00061	0.64 J	0.00149	0.000211	0.0000705	0.000000621	Background Data
DW-08112010	Downwind-Background	Day Shift	AA	8/11/2010	805.35	ND	0.0038	0.00078	0.133 J	0.00191	0.00027	0.000018	0.000000795	Background Data
UW-08122010	Upwind-Background	Day Shift	AA	8/12/2010	666.08	ND	0.0036	0.00074	0.567 J	0.0018	0.000255	0.0000147	0.000000751	Background Data
DW-08122010	Downwind-Background	Day Shift	AA	8/12/2010	657.17	ND	0.0037	0.00075	0.119 J	0.00183	0.000259	0.0000768	0.000000761	Background Data
UW-10052010	Upwind	Day Shift	AA	10/5/2010	539.09	ND	0.0045	0.00091	0.771 J	0.00223	0.000315	0.0000249	0.000000927	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10052010	Downwind	Day Shift	AA	10/5/2010	570.57	ND	0.0042	0.00086	0.13 J	0.0021	0.000298	0.0000224	0.000000876	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10062010	Upwind	Day Shift	AA	10/6/2010	818.40	ND	0.0029	0.0006	1.12 J	0.00147	0.000208	0.0000312	0.000000611	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10062010	Downwind	Day Shift	AA	10/6/2010	829.25	ND	0.0029	0.00059	0.32 J	0.00145	0.000205	0.0000433	0.000000603	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10072010	Upwind	Day Shift	AA	10/7/2010	840.50	ND	0.0029	0.00058	0.636 J	0.00143	0.000202	0.0000385	0.000000595	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10072010	Downwind	Day Shift	AA	10/7/2010	958.82	0.00061 B	0.0025	0.00051	0.144 J	0.00125	0.000177	0.0000362	0.000000521	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10082010B	Upwind	Day Shift	AA	10/8/2010	828.80	0.0016 BJ	0.0029	0.00059	0.204 J	0.00145	0.000205	0.0000344	0.000000603	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10082010B	Downwind	Day Shift	AA	10/8/2010	979.80	0.0017 BJ	0.0024	0.0005	0.573 J	0.00122	0.000174	0.0000348	0.00000051	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10112010B	Downwind	Day Shift	AA	10/11/2010	1,020.32	0.00053 B	0.0024	0.00048	0.461 J	0.00118	0.000167	0.0000461	0.00000049	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10122010B	Downwind	Day Shift	AA	10/12/2010	996.20	0.00049 B	0.0024	0.00049	0.124 J	0.0012	0.000171	0.0000188	0.000000502	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10122010B	Upwind	Day Shift	AA	10/12/2010	1,011.37	0.0015 B	0.0024	0.00048	5.3 J	0.00119	0.000168	0.0000564	0.000000494	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10132010B	Downwind	Day Shift	AA	10/13/2010	1,032.52	0.00056 B	0.0023	0.00047	0.0539 J	0.00116	0.000165	0.0000295	0.000000484	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10132010B	Upwind	Day Shift	AA	10/13/2010	1,046.67	0.0012 B	0.0023	0.00047	2.46 J	0.00115	0.000162	0.0000534	0.000000478	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10142010B	Downwind	Day Shift	AA	10/14/2010	1,009.75	0.00057 B	0.0024	0.00049	0.636 J	0.00119	0.000168	0.0000402	0.000000495	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10142010B	Upwind	Day Shift	AA	10/14/2010	1,013.52	0.00089 B	0.0024	0.00048	2.02 J	0.00118	0.000168	0.000044	0.000000493	RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10152010B	Downwind	Day Shift	AA	10/15/2010	968.76	0.0011 B	0.0025	0.00051	2.6 J	0.00124	0.000175	0.000046	0.000000516	RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10182010B	Downwind	Day Shift	AA	10/18/2010	1,006.77	ND	0.0024	0.00049	0.0285 J	0.00119	0.000169	0.0000123	0.000000497	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10202010B	Downwind	Day Shift	AA	10/20/2010	579.80	ND	0.0041	0.00085	0.51 J	0.00207	0.000293	0.0000217	0.000000862	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10202010B	Upwind	Day Shift	AA	10/20/2010	881.70	ND	0.0027	0.00056	0.373 J	0.00136	0.000193	0.0000185	0.000000567	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10212010B	Downwind	Day Shift	AA	10/21/2010	861.49	ND	0.0028	0.00057	0.465 J	0.00139	0.000197	0.0000234	0.00000058	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10212010B	Upwind	Day Shift	AA	10/21/2010	869.97	0.00059 BJ	0.0028	0.00056	1.14 J	0.00138	0.000195	0.0000266	0.000000575	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10222010B	Downwind	Day Shift	AA	10/22/2010	815.49	0.004 J	0.0029	0.0006	0.872 J	0.00147	0.000208	0.0000307	0.000000613	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10222010B	Upwind	Day Shift	AA	10/22/2010	797.48	0.00091 BJ	0.003	0.00061	0.0841 J	0.0015	0.000213	0.000013	0.000000627	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
DW-10232010B	Downwind	Day Shift	AA	10/23/2010	905.02	0.0013 BJ	0.0027	0.00054	1.01 J	0.00133	0.000188	0.000017	0.000000552	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-10232010B	Upwind	Day Shift	AA	10/23/2010	836.27	0.001 BJ	0.0029	0.00059	0.496 J	0.00143	0.000203	0.000032	0.0000006	RZ-B & RZ-D: Remediation (Excavation, stockpiling, off-haul)
UW-11022010B	Upwind	Day Shift	AA	11/2/2010	818.19	0.0016 BJ	0.0029	0.0006	2.07 J	0.00147	0.000208	0.000066	0.000000311	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11022010B	Downwind	Day Shift	AA	11/2/2010	875.43	0.00067 BJ	0.0027	0.00056	0.129 J	0.00137	0.000194	0.0000427	0.000000571	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
UW-11032010B	Upwind	Day Shift	AA	11/3/2010	876.68	0.00076 BJ	0.0027	0.00056	1.92 J	0.00137	0.000194	0.0000517	0.00000057	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11032010B	Downwind	Day Shift	AA	11/3/2010	930.98	0.00079 BJ	0.0026	0.00053	0.28 J	0.00129	0.000183	0.0000465	0.000000537	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
UW-11232010A	Upwind	Night Shift	AA	11/23/2010	747.55	0.00097 BJ	0.0032	0.00066	0.223 J	0.00161	0.000227	0.0000163	0.000000669	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11232010A	Downwind	Night Shift	AA	11/23/2010	793.08	0.0017 BJ	0.003	0.00062	1.52 J	0.00151	0.000214	0.0000175	0.000000663	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
UW-11232010B	Upwind	Day Shift	AA	11/23/2010	995.9	0.0067 BJ	0.0024	0.00049	0.166 J	0.0012	0.000171	0.0000623	0.000000502	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11232010B	Downwind	Day Shift	AA	11/23/2010	982.52	0.00092 BJ	0.0024	0.0005	2 J	0.00122	0.000173	0.0000662	0.000000509	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
UW-11242010B	Upwind	Day Shift	AA	11/24/2010	698.9	0.0016 BJ	0.0034	0.0007	3.02 J	0.00172	0.000243	0.0000306	0.000000715	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11242010B	Downwind	Day Shift	AA	11/24/2010	667.57	0.0021 BJ	0.0036	0.00073	0.199 J	0.0018	0.000255	0.0000144	0.000000749	RZ-B & RZ-D: Remediation (Excavation, stockpiling, and soil off-haul)
UW-11292010B	Upwind	Day Shift	AA	11/29/2010	1081.47	0.0018 BJ	0.0022	0.00045	2.63 J	0.00111	0.000157	0.0000402	0.000000462	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11292010B	Downwind	Day Shift	AA	11/29/2010	1107.96	0.0011 BJ	0.0022	0.00044	0.0581 J	0.00108	0.000153	0.0000243	0.000000451	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-11302010B	Upwind	Day Shift	AA	11/30/2010	943.37	0.0013 BJ	0.0025	0.00052	0.812 J	0.00127	0.00018	0.0000392	0.000000530	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-11302010B	Downwind	Day Shift	AA	11/30/2010	934.22	0.0012 BJ	0.0012	0.0026	0.00052 J	0.134	0.00128	0.0000182	0.000000337	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12012010B	Downwind	Day Shift	AA	12/1/2010	930.05	0.00067 B	0.0026	0.00053	1.47 J	0.00129	0.000183	0.0000687	0.000000538	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)

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UW-12012010B	Upwind	Day Shift	AA	12/1/2010	938.53	ND	0.0026	0.00052	1.59	J	0.00128	0.000181	0.00008	0.000000533	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12062010B	Upwind	Day Shift	AA	12/6/2010	955.26	0.0014	BJ	0.0025	0.00051	0.624	0.00126	0.000178	0.0000351	0.000000523	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12062010B	Downwind	Day Shift	AA	12/6/2010	899.14	0.0012	BJ	0.0027	0.00054	0.122	0.00133	0.000189	0.0000311	0.000000556	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12072010B	Upwind	Day Shift	AA	12/7/2010	909.37	0.0021	B	0.0026	0.00054	3.32	J	0.00132	0.000187	0.00000055	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12072010B	Downwind	Day Shift	AA	12/7/2010	898.40	0.00068	B	0.0027	0.00055	0.206	J	0.00134	0.000189	0.000000557	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12082010B	Upwind	Day Shift	AA	12/8/2010	957.26	0.0017	B	0.0025	0.00051	5.66	J	0.00125	0.000178	0.000000522	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12082010B	Downwind	Day Shift	AA	12/8/2010	954.91	0.00094	B	0.0025	0.00051	0.853	J	0.00126	0.000178	0.000000524	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12092010B	Upwind	Day Shift	AA	12/9/2010	941.06	0.0012	B	0.0026	0.00052	3.56	J	0.00128	0.000181	0.000000531	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12092010B	Downwind	Day Shift	AA	12/9/2010	927.66	0.00071	B	0.0026	0.00053	0.727	J	0.00129	0.000183	0.000000539	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12102010B	Upwind	Day Shift	AA	12/10/2010	887.92	0.0011	B	0.0027	0.00055	2.85	J	0.00135	0.000191	0.000000563	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12102010B	Downwind	Day Shift	AA	12/10/2010	891.30	0.00075	B	0.0027	0.00055	0.465	J	0.00135	0.000191	0.000000561	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12132010B	Upwind	Day Shift	AA	12/13/2010	636.81	ND	0.0038	0.00077	2.0000	0.00188	0.000267	0.0000267	0.0000561	0.000000785	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12132010B	Downwind	Day Shift	AA	12/13/2010	737.48	ND	0.0033	0.00066	0.572	0.00163	0.000231	0.0000231	0.0000506	0.000000678	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12142010B	Upwind	Day Shift	AA	12/14/2010	747.84	ND	0.0032	0.00066	1.35	0.0016	0.000227	0.0000227	0.0000707	0.000000669	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12142010B	Downwind	Day Shift	AA	12/14/2010	773.38	ND	0.0031	0.00063	0.388	0.00155	0.00022	0.000022	0.0000641	0.000000647	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
UW-12152010B	Upwind	Day Shift	AA	12/15/2010	622.91	ND	0.0039	0.00079	0.373	0.00193	0.000273	0.0000273	0.0000385	0.000000803	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
DW-12152010B	Downwind	Day Shift	AA	12/15/2010	543.67	ND	0.0044	0.0009	0.0609	0.00221	0.000313	0.0000313	0.0000406	0.00000092	RZ-B, RZ-C, & RZ-E: Remediation (Excavation, stockpiling, and soil off-haul)
Average									1.069						