

Table 1. Encycle Perimeter Air Sample Analytical Results, Encycle/Texas, Inc., Corpus Christi, Texas

Sample ID	Sample Date	Sample ID ^a	Wind Direction	Wind Speed (MPH) ^b	Analytical Results (mg/m ³)											
					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Upwind 1-6-11	1/6/11	A	NNE	1.6-2.5	<0.00833	<0.00833	<0.00167	<0.0000833	<0.00833	<0.00167	<0.00104	<0.00167	<0.0000723	<0.00833	<0.000833	<0.00833
Downwind 1-6-11	1/6/11	1	NNE	1.6-2.5	<0.00833	<0.00833	<0.00167	<0.0000833	<0.00833	<0.00167	<0.00104	<0.00167	<0.0000723	<0.00833	<0.000833	<0.00833
Upwind 1-11-11	1/11/11	B	N	6-6.3	<0.00833	<0.00833	<0.00167	<0.0000833	<0.00833	<0.00167	<0.00104	<0.00167	<0.0000723	<0.00833	<0.000833	<0.00833
Downwind 1-11-11	1/11/11	2	N	6-6.3	<0.00833	<0.00833	<0.00167	<0.0000833	<0.00833	<0.00167	<0.00104	<0.00167	<0.0000723	<0.00833	<0.000833	<0.00833
Upwind 1-21-11	1/21/11	C	N	3.8-4.1	<0.00833	<0.00833	<0.00167	<0.0000833	<0.00833	<0.00167	<0.00104	<0.00167	<0.000868	<0.00833	<0.000833	<0.00833
Downwind 1-21-11	1/21/11	3	N	3.8-4.1	<0.00833	<0.00833	<0.00167	<0.0000833	<0.00833	<0.00167	<0.00104	<0.00167	<0.000868	<0.00833	<0.000833	<0.00833
Upwind 2-1-11	2/1/11	D	N	13.8-19.6	<0.00025	<0.0000833	0.00108	<0.0000833	<0.00417	<0.000167	<0.0000833	0.000133	<0.000868	<0.000167	<0.0000833	<0.000833
Downwind 2-1-11	2/1/11	4	N	13.8-19.6	<0.00025	<0.0000833	0.000115	<0.0000833	<0.00417	<0.000167	<0.0000833	<0.0000833	<0.000868	<0.000167	<0.0000833	<0.000833
Upwind 4-13-11	4/13/11	E	SE	3.6	<0.0000781	<0.000026	0.0000929	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 4-13-11	4/13/11	5	SE	3.6	<0.0000781	<0.000026	0.0000484	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 4-15-11	4/15/11	F	NW	1.0	<0.0000781	<0.000026	0.000170	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000396	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 4-15-11	4/15/11	6	NW	1.0	<0.0000781	<0.000026	0.000163	<0.000026	<0.0013	<0.0000521	0.0000355	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 4-19-11	4/19/11	G	SE	12.0	<0.0000781	<0.000026	0.0000818	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 4-19-11	4/19/11	7	SE	12.0	<0.0000781	<0.000026	0.0000955	<0.000026	<0.0013	<0.0000521	0.0000509	0.0000305	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 4-22-11	4/22/11	H	SE	8.5	<0.0000781	<0.000026	0.000260	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 4-22-11	4/22/11	8	SE	8.5	<0.0000781	<0.000026	0.000128	<0.000026	<0.0013	<0.0000521	0.0000465	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 4-27-11	4/27/11	I	NW	<1	<0.0000781	<0.000026	0.000341	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000379	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 4-27-11	4/27/11	9	NW	<1	<0.0000781	<0.000026	0.000343	<0.000026	<0.0013	<0.0000521	0.0000663	<0.000026	<0.000234	<0.0000521	<0.000026	0.00163
Upwind 4-28-11	4/28/11	J	NE	3.6	<0.0000781	<0.000026	0.000107	<0.000026	<0.0013	0.0000953	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 4-28-11	4/28/11	10	NE	3.6	<0.0000781	<0.000026	0.000143	<0.000026	<0.0013	<0.0000521	0.0000621	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 5-3-11	5/3/11	K	NW	13.1	<0.0000781	<0.000026	0.0001050	<0.000026	<0.0013	0.0001030	<0.000026	0.0000659	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-3-11	5/3/11	11	NW	13.1	<0.0000781	<0.000026	0.0000932	0.0000289	<0.0013	0.0000531	<0.000026	0.0000383	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 5-5-11	5/5/11	L	ESE	0.8	<0.0000781	<0.000026	0.0000683	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-5-11	5/5/11	12	ESE	0.8	<0.0000781	<0.000026	0.0000796	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000383	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 5-10-11	5/10/11	M	SE	10.2	<0.0000781	<0.000026	0.000203	<0.000026	<0.0013	0.0000841	<0.000026	0.0000349	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-10-11	5/10/11	13	SE	10.2	<0.0000781	<0.000026	0.000279	<0.000026	<0.0013	0.000176	0.000549	0.0000679	<0.000234	<0.0000521	<0.000026	0.0134
Upwind 5-12-11	5/12/11	N	ESE	4.4	<0.0000987	<0.0000329	0.0000886	<0.0000329	<0.00164	<0.0000658	<0.0000329	<0.0000329	<0.000296	<0.0000658	<0.0000329	<0.000329
Downwind 5-12-11	5/12/11	14	ESE	4.4	<0.0000987	<0.0000329	0.0000633	<0.0000329	<0.00164	<0.0000658	0.000075	<0.0000329	<0.000296	<0.0000658	<0.0000329	0.000733

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					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Upwind 5-16-11	5/16/11	O	NNE	4.8	<0.0000781	<0.000026	0.000447	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000298	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-16-11	5/16/11	15	NNE	4.8	<0.0000781	<0.000026	0.000932	0.0000347	<0.0013	0.000123	0.0000315	0.0000434	<0.000234	<0.0000521	<0.000026	0.000394
Upwind 5-19-11	5/19/11	P	SE	5.6	<0.0000781	<0.000026	0.0000489	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-19-11	5/19/11	16	SE	5.6	<0.0000781	<0.000026	0.000109	<0.000026	<0.0013	0.0000657	0.000163	0.0000329	<0.000234	<0.0000521	<0.000026	0.00394
Upwind 5-24-11	5/24/11	Q	SE	10.6	<0.0000781	<0.000026	0.000081	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-24-11	5/24/11	17	SE	10.6	<0.0000781	<0.000026	0.0000994	<0.000026	<0.0013	0.00013	0.000157	0.00004	<0.000234	<0.0000521	<0.000026	0.00252
Upwind 5-26-11	5/26/11	R	ESE	5.1	<0.0000781	<0.000026	0.0000324	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-26-11	5/26/11	18	ESE	5.1	<0.0000781	<0.000026	0.000051	<0.000026	<0.0013	<0.0000521	0.0000452	<0.000026	<0.000234	<0.0000521	<0.000026	0.000496
Upwind 5-31-11	5/31/11	S	ESE	10.1	<0.0000781	<0.000026	0.000103	<0.000026	<0.0013	<0.0000521	0.0000273	0.0000321	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 5-31-11	5/31/11	19	ESE	10.1	<0.0000781	<0.000026	0.0000863	<0.000026	<0.0013	0.0000996	0.000177	0.000148	<0.000234	<0.0000521	<0.000026	0.0017
Upwind 6-2-11	6/2/11	T	SSE	0.9	<0.0000781	<0.000026	0.0000539	<0.000026	<0.0013	0.000143	0.0000431	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-2-11	6/2/11	20	SSE	0.9	<0.0000781	<0.000026	0.0000382	<0.000026	<0.0013	0.000318	0.0000758	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 6-7-11	6/7/11	U	SSE	4.4	<0.0000781	<0.000026	0.0000389	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-7-11	6/7/11	21	SSE	4.4	<0.0000781	<0.000026	0.0000616	<0.000026	<0.0013	<0.0000521	0.0000532	<0.000026	<0.000234	<0.0000521	<0.000026	0.000484
Upwind 6-9-11	6/9/11	V	SSE	3.1	<0.0000781	<0.000026	<0.000026	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-9-11	6/9/11	22	SSE	3.1	<0.0000781	<0.000026	<0.000026	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	0.000472
Upwind 6-14-11	6/14/11	W	SSE	3.1	<0.0000781	<0.000026	0.000115	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000289	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-14-11	6/14/11	23	SSE	3.1	<0.0000781	<0.000026	<0.000026	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000354	<0.000234	<0.0000521	<0.000026	0.000473
Upwind 6-16-11	6/16/11	X	SE	11.9	<0.0000781	<0.000026	0.000149	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000371	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-16-11	6/16/11	24	SE	11.9	<0.0000781	<0.000026	0.000124	<0.000026	<0.0013	0.000117	0.00024	0.000094	<0.000234	<0.0000521	<0.000026	0.000659
Upwind 6-21-11	6/21/11	Y	SE	6.7	<0.0000781	<0.000026	0.000143	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000338	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-21-11	6/21/11	25	SE	6.7	<0.0000781	<0.000026	0.000109	<0.000026	<0.0013	0.0000894	0.00025	0.000049	<0.000234	<0.0000521	<0.000026	0.00214
Upwind 6-23-11	6/23/11	Z	SE	4.7	<0.0000781	<0.000026	0.0000727	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	0.000296
Downwind 6-23-11	6/23/11	26	SE	4.7	<0.0000781	<0.000026	0.0000675	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000291	<0.000234	<0.0000521	<0.000026	0.000397
Upwind 6-28-11	6/28/11	AA	SSE	3.7	<0.0000781	<0.000026	0.0000675	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000428	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 6-28-11	6/28/11	27	SSE	3.7	<0.0000781	<0.000026	0.0000309	<0.000026	<0.0013	<0.0000521	0.0000331	0.0000363	<0.000234	<0.0000521	<0.000026	0.000394
Upwind 6-30-11	6/30/11	AB	ENE	4.1	<0.0000781	<0.000026	0.000108	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	0.00029
Downwind 6-30-11	6/30/11	28	ENE	4.1	<0.0000781	<0.000026	0.0000885	<0.000026	<0.0013	0.000066	0.000273	<0.000026	<0.000234	<0.0000521	<0.000026	0.000903

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					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Upwind 7-5-11	7/5/11	AC	SSE	0.9	<0.0000781	<0.000026	0.0000281	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-5-11	7/5/11	29	SSE	0.9	<0.0000781	<0.000026	0.0000673	<0.000026	<0.0013	<0.0000521	0.0000274	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 7-7-11	7/7/11	AD	S	2.9	<0.0000781	<0.000026	0.000085	<0.000026	<0.0013	<0.0000521	0.0000396	0.000042	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-7-11	7/7/11	30	S	2.9	<0.0000781	<0.000026	0.000185	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000398	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 7-12-11	7/12/11	AE	SSE	1.8	<0.0000781	<0.000026	0.0000486	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000417	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-12-11	7/12/11	31	SSE	1.8	<0.0000781	<0.000026	0.000142	<0.000026	<0.0013	<0.0000521	0.0000584	0.0000567	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 7-14-11	7/14/11	AF	SSE	3.8	<0.0000781	<0.000026	0.000098	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-14-11	7/14/11	32	SSE	3.8	<0.0000781	<0.000026	0.000109	<0.000026	<0.0013	0.0000898	0.000217	0.0000292	<0.000234	<0.0000521	<0.000026	0.00114
Upwind 7-19-11	7/19/11	AG	SE	4.1	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-19-11	7/19/11	33	SE	4.1	<0.0000781	<0.000026	<0.0000521	0.0000359	<0.0013	<0.0000521	0.000236	0.0000271	<0.000234	<0.0000521	<0.000026	0.000609
Upwind 7-21-11	7/21/11	AH	SE	4.6	<0.0000781	<0.000026	<0.0000521	0.0000439	<0.0013	<0.0000521	<0.000026	0.0000499	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-21-11	7/21/11	34	SE	4.6	<0.0000781	0.0000441	0.00022	0.0000347	<0.0013	0.000281	0.000935	0.0000743	<0.000234	<0.0000521	<0.000026	0.00914
Upwind 7-26-11	7/26/11	AI	SSE	2.6	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.00013	<0.00013	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-26-11	7/26/11	35	SSE	2.6	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	0.000074	0.000226	<0.000026	<0.000234	<0.0000521	<0.000026	0.00169
Upwind 7-28-11	7/28/11	AJ	SSE	3.4	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 7-28-11	7/28/11	36	SSE	3.4	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	0.0000988	<0.000026	<0.000234	<0.0000521	<0.000026	0.00078
Upwind 8-2-11	8/2/11	AK	SE	1.8	<0.0000781	<0.000026	0.0000764	<0.000026	<0.0013	0.00016	<0.000026	0.000044	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 8-2-11	8/2/11	37	SE	1.8	<0.0000781	<0.000026	0.0000611	<0.000026	<0.0013	<0.0000521	0.0000944	0.000116	<0.000234	<0.0000521	<0.000026	0.000297
Upwind 8-4-11	8/4/11	AL	SE	4.7	<0.0000781	<0.000026	0.000179	<0.000026	<0.0013	0.000182	0.0000597	0.0000431	<0.000234	<0.0000521	<0.000026	0.000723
Downwind 8-4-11	8/4/11	38	SE	4.7	<0.0000781	<0.000026	0.000173	0.0000272	<0.0013	0.0000908	0.000121	0.0000492	<0.000234	<0.0000521	<0.000026	0.000797
Upwind 8-9-11	8/9/11	AM	SE	8.7	<0.0000781	<0.000026	0.00115	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000761	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 8-9-11	8/9/11	39	SE	8.7	<0.0000781	<0.000026	0.000145	<0.000026	<0.0013	0.000163	0.000201	0.00017	<0.000234	<0.0000521	<0.000026	0.00174
Upwind 8-11-11	8/11/11	AN	SSE	5.8	<0.0000781	<0.000026	0.000505	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000436	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 8-11-11	8/11/11	40	SSE	5.8	<0.0000781	<0.000026	0.0000908	<0.000026	<0.0013	<0.0000521	0.0000336	0.0000618	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 8-16-11	8/16/11	AO	S	5.1	<0.0000781	<0.000026	0.00189	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 8-16-11	8/16/11	41	S	5.1	<0.0000781	<0.000026	0.000114	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 8-18-11	8/18/11	AP	SE	1.5	<0.0000781	<0.000026	0.000289	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000894	<0.000234	<0.0000521	<0.000026	0.000385
Downwind 8-18-11	8/18/11	42	SE	1.5	<0.0000781	<0.000026	0.000123	<0.000026	<0.0013	<0.0000521	0.0000292	0.000113	<0.000234	<0.0000521	<0.000026	0.000315

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Sample ID	Sample Date	Sample ID ^a	Wind Direction	Wind Speed (MPH) ^b	Analytical Results (mg/m ³)											
					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Upwind 8-23-11	8/23/11	AQ	SE	0.8	<0.0000781	<0.000026	0.000168	<0.000026	<0.0013	0.000213	<0.000026	0.0000393	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 8-23-11	8/23/11	43	SE	0.8	<0.0000781	<0.000026	0.000103	<0.000026	<0.0013	<0.0000521	0.0000519	<0.000026	<0.000234	<0.0000521	<0.000026	0.000374
Upwind 8-25-11	8/25/11	AR	Variable ^c	3.7	<0.0000781	<0.000026	0.000243	<0.000026	<0.0013	<0.0000521	0.000231	0.000081	<0.000234	<0.0000521	<0.000026	0.000659
Downwind 8-25-11	8/25/11	44	Variable ^c	3.7	<0.0000781	<0.000026	0.000138	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000421	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 8-30-11	8/30/11	AS	SE	1.3	<0.0000781	<0.000026	0.000131	<0.000026	<0.0013	0.0000556	0.00016	0.00003	<0.000234	<0.0000521	<0.000026	0.000874
Downwind 8-30-11	8/30/11	45	SE	1.3	<0.0000781	<0.000026	0.0000581	<0.000026	<0.0013	<0.0000521	0.0000443	0.0000392	<0.000234	<0.0000521	<0.000026	0.000314
Upwind 9-1-11	9/1/11	AT	Variable ^c	2.1	<0.0000781	<0.000026	0.00477	<0.000026	<0.0013	<0.0000521	0.0000296	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 9-1-11	9/1/11	46	Variable ^c	2.1	<0.0000781	<0.000026	0.00244	<0.000026	<0.0013	0.0000761	0.000206	0.0000398	<0.000234	<0.0000521	<0.000026	0.0011
Upwind 9-6-11	9/6/11	AU	N	1.2	<0.0000781	<0.000026	0.000259	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 9-6-11	9/6/11	47	N	1.2	<0.0000781	<0.000026	0.000377	<0.000026	<0.0013	0.000147	0.000956	0.0000669	<0.000234	<0.0000521	<0.000026	0.00175
Upwind 9-8-11	9/8/11	AV	NNW	2.7	<0.0000781	<0.000026	0.0000778	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 9-8-11	9/8/11	48	NNW	2.7	<0.0000781	<0.000026	0.000102	<0.000026	<0.0013	0.0000731	0.000209	0.000054	<0.000234	<0.0000521	<0.000026	0.000651
Upwind 9-13-11	9/13/11	AW	SE	3.1	<0.0000781	<0.000026	0.0000845	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000428	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 9-13-11	9/13/11	49	SE	3.1	<0.0000781	0.0000619	0.000156	0.0000579	<0.0013	<0.0000521	0.000659	0.000147	<0.000234	<0.0000521	<0.000026	0.00309
Upwind 9-15-11	9/15/11	AX	SSE	2.7	<0.0000781	<0.000026	0.0000904	<0.000026	<0.0013	0.0000755	0.0000502	0.0000396	<0.000234	<0.0000521	<0.000026	0.000286
Downwind 9-15-11	9/15/11	50	SSE	2.7	<0.0000781	<0.000026	0.00011	<0.000026	<0.0013	0.000106	0.000091	0.0000802	<0.000234	<0.0000521	<0.000026	0.00125
Upwind 9-20-11	9/20/11	AY	NNE	0.1	<0.000781	<0.000026	0.000989	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 9-20-11	9/20/11	51	NNE	0.1	<0.0000781	<0.000026	0.000402	<0.000026	<0.0013	0.0000803	0.000242	0.0000368	<0.000234	<0.0000521	<0.000026	0.000504
Upwind 9-22-11	9/22/11	AZ	N	2.8	<0.0000781	<0.000026	0.000269	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000405	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 9-22-11	9/22/11	52	N	2.8	<0.0000781	<0.000026	0.000456	<0.000026	<0.0013	0.0000582	0.0000292	0.0000953	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 9-27-11	9/27/11	BA	SSE	3.2	<0.0000781	<0.000026	0.000105	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000529	<0.000234	<0.0000521	<0.000026	0.000374
Downwind 9-27-11	9/27/11	53	SSE	3.2	<0.0000781	<0.000026	0.0000779	<0.000026	<0.0013	0.0000788	0.000173	0.0000619	<0.000234	<0.0000521	<0.000026	0.000694
Upwind 9-29-11	9/29/11	BB	SSE	1.8	<0.0000872	<0.0000291	0.000299	<0.0000291	<0.00145	0.0000962	0.0000319	0.0000736	<0.000262	<0.0000581	<0.0000291	<0.000291
Downwind 9-29-11	9/29/11	54	SSE	1.8	<0.0000872	<0.0000291	0.000377	<0.0000291	<0.00145	<0.0000581	0.0000315	0.00005	<0.000262	<0.0000581	<0.0000291	0.000357
Upwind 10-4-11	10/4/11	BC	N	3.2	<0.0000781	<0.000026	0.000463	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000279	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 10-4-11	10/4/11	55	N	3.2	<0.0000781	<0.000026	0.00052	<0.000026	<0.0013	<0.0000521	0.0000507	0.000034	<0.000234	<0.0000521	<0.000026	0.000431
Upwind 10-6-11	10/6/11	BD	SE	1.1	<0.0000781	<0.000026	0.000548	<0.000026	<0.0013	<0.0000521	0.000238	0.0000369	<0.000234	<0.0000521	<0.000026	0.000415
Downwind 10-6-11	10/6/11	56	SE	1.1	<0.0000781	<0.000026	0.000348	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026

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Sample ID	Sample Date	Sample ID ^a	Wind Direction	Wind Speed (MPH) ^b	Analytical Results (mg/m ³)											
					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Upwind 10-11-11	10/11/11	BE	N	0.7	<0.0000781	<0.000026	0.000175	<0.000026	<0.0013	<0.0000521	<0.000026	0.000271	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 10-11-11	10/11/11	57	N	0.7	<0.0000781	<0.000026	0.000189	<0.000026	<0.0013	<0.0000521	<0.000026	0.000143	<0.000234	<0.0000521	<0.000026	0.000569
Upwind 10-13-11	10/13/11	BF	N	2.2	<0.0000781	<0.000026	0.000153	<0.000026	<0.0013	<0.0000521	<0.000026	0.000176 ^d	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 10-13-11	10/13/11	58	N	2.2	<0.0000781	<0.000026	0.000144	<0.000026	<0.0013	0.000135	0.0000331	0.000182 ^d	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 10-19-11	10/19/11	BG	N	2.9	<0.0000781	<0.000026	0.0000822	<0.000026	<0.0013	0.000285	0.000045	0.000127	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 10-19-11	10/19/11	59	N	2.9	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	0.000147	0.0000648	0.000125	<0.000234	<0.0000521	<0.000026	0.000579
Upwind 10-20-11	10/20/11	BH	N	1.2	<0.0000781	<0.000026	0.000285	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000466	<0.000234	<0.0000521	<0.000026	0.000302
Downwind 10-20-11	10/20/11	60	N	1.2	<0.0000781	0.000151	0.000653	0.000107	<0.0013	0.000386	0.000589	0.0000965	<0.000234	<0.0000521	<0.000026	0.00559
Upwind 10-25-11	10/25/11	BI	SE	1.1	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 10-25-11	10/25/11	61	SE	1.1	<0.0000781	0.0000358	0.0000547	0.000131	<0.0013	0.000167	0.000401	<0.000026	<0.000234	<0.0000521	<0.000026	0.00185
Upwind 10-27-11	10/27/11	BJ	SE	1.2	<0.0000781	<0.000026	0.00014	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	0.000316
Downwind 10-27-11	10/27/11	62	SE	1.2	<0.0000781	<0.000026	0.000065	0.0000273	<0.0013	0.000256	0.000167	0.000335	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 11-1-11	11/1/11	BK	SE	1.0	<0.0000781	<0.000026	0.000319	<0.000026	<0.0013	0.000158	0.000179	0.0000503	<0.000234	<0.0000521	<0.000026	0.000972
Downwind 11-1-11	11/1/11	63	SE	1.0	<0.0000781	<0.000026	0.000372	<0.000026	<0.0013	0.0000742	0.0000306	0.0000727	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 11-2-11	11/2/11	BL	SE	0.8	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	0.000238	0.0000414	<0.000026	<0.000234	<0.0000521	<0.000026	0.000835
Downwind 11-2-11	11/2/11	64	SE	0.8	<0.0000781	<0.000026	0.000132	0.0000268	<0.0013	0.000458	0.000203	0.00057	<0.000234	<0.0000521	<0.000026	0.00228
Upwind 11-8-11	11/8/11	BM	SE	1.1	<0.0000781	<0.000026	0.000144	<0.000026	<0.0013	<0.0000521	0.0000399	<0.000026	<0.000234	<0.0000521	<0.000026	0.000577
Downwind 11-8-11	11/8/11	65	SE	1.1	<0.0000781	<0.000026	0.000122	<0.000026	<0.0013	<0.0000521	0.0000556	<0.000026	<0.000234	<0.0000521	<0.000026	0.000475
Upwind 11-10-11	11/10/11	BN	N	6.8	<0.0000781	<0.000026	0.000109	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000955	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 11-10-11	11/10/11	66	N	6.8	<0.0000781	<0.000026	0.000163	<0.000026	<0.0013	<0.0000521	0.0000292	0.0000956	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 11-15-11	11/15/11	BO	SE	2.4	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 11-15-11	11/15/11	67	SE	2.4	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	0.0000529	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 11-17-11	11/17/11	BP	NE	6.1	<0.0000781	<0.000026	0.000249	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000577	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 11-17-11	11/17/11	68	NE	6.1	<0.0000781	<0.000026	0.000246	<0.000026	<0.0013	0.0000677	0.0000736	0.000106	<0.000234	<0.0000521	<0.000026	0.00051
Upwind 11-21-11	11/21/11	BQ	SE	3.6	<0.0000781	<0.000026	0.00012	<0.000026	<0.0013	<0.0000521	<0.000026	0.000104	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 11-21-11	11/21/11	69	SE	3.6	<0.0000781	<0.000026	0.000394	<0.000026	<0.0013	0.0000522	0.0000678	0.0000691	<0.000234	<0.0000521	<0.000026	0.000493
Upwind 11-22-11	11/22/11	BR	SE	0.8	<0.0000781	<0.000026	0.000146	<0.000026	<0.0013	0.0000642	0.000136	0.0000719	<0.000234	<0.0000521	<0.000026	0.000672
Downwind 11-22-11	11/22/11	70	SE	0.8	<0.0000781	<0.000026	0.000114	<0.000026	<0.0013	0.000056	0.0000422	0.0000517	<0.000234	<0.0000521	<0.000026	0.00033

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Sample ID	Sample Date	Sample ID ^a	Wind Direction	Wind Speed (MPH) ^b	Analytical Results (mg/m ³)											
					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Upwind 11-29-11	11/29/11	BS	N	3.5	<0.0000781	<0.000026	0.000641	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000336	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 11-29-11	11/29/11	71	N	3.5	<0.0000781	<0.000026	0.000714	<0.000026	<0.0013	0.000142	0.00015	0.0000585	<0.000234	<0.0000521	<0.000026	0.000972
Upwind 12-1-11	12/1/11	BT	S	0.5	<0.0000781	<0.000026	0.000145	<0.000026	<0.0013	<0.0000521	0.0000427	<0.000026	<0.000234	<0.0000521	<0.000026	0.000267
Downwind 12-1-11	12/1/11	72	S	0.5	<0.0000781	0.00003	0.000549	0.0000835	<0.0013	0.000364	0.000953	0.0000434	<0.000234	<0.0000521	<0.000026	0.00535
Upwind 12-6-11	12/6/11	BU	N	6.3	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 12-6-11	12/6/11	73	N	6.3	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	0.0000706	<0.000026	<0.000234	<0.0000521	<0.000026	0.00052
Upwind 12-8-11	12/8/11	BV	N	2.3	<0.0000781	<0.000026	0.00185	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 12-8-11	12/8/11	74	N	2.3	<0.0000781	<0.000026	0.0013	0.0000392	<0.0013	<0.0000521	0.000081	<0.000026	<0.000234	<0.0000521	<0.000026	0.000719
Upwind 12-13-11	12/13/11	BW	SE	0.4	<0.0000781	<0.000026	0.0016	<0.000026	<0.0013	0.0000585	0.0000473	0.000141	<0.000234	<0.0000521	<0.000026	0.000526
Downwind 12-13-11	12/13/11	75	SE	0.4	<0.0000781	<0.000026	0.00228	<0.000026	<0.0013	0.0000746	0.0000535	0.000129	<0.000234	<0.0000521	<0.000026	0.000457
Upwind 12-15-11	12/15/11	BX	SE	0.3	<0.0000781	<0.000026	0.0000733	<0.000026	<0.0013	0.000123	<0.000026	0.0000398	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 12-15-11	12/15/11	76	SE	0.3	<0.0000781	<0.000026	0.0000725	<0.000026	<0.0013	0.0000611	0.00035	<0.000026	<0.000234	<0.0000521	<0.000026	0.0011
Upwind 12-20-11	12/20/11	BY	N	0.8	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000829	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 12-20-11	12/20/11	77	N	0.8	<0.0000781	<0.000026	0.0000657	<0.000026	<0.0013	0.0000624	0.0000454	0.000122	<0.000234	<0.0000521	<0.000026	<0.00026
Upwind 12-22-11	12/22/11	BZ	N	3.5	<0.0000781	<0.000026	0.000178	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000496	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 12-22-11	12/22/11	78	N	3.5	<0.0000781	<0.000026	0.000105	<0.000026	<0.0013	<0.0000521	0.0000388	0.0000318	<0.000234	<0.0000521	<0.000026	0.000621
Upwind 1-4-12	1/4/12	CA	SSE	0.4	<0.0000781	<0.000026	0.0000918	<0.000026	<0.0013	<0.0000521	0.0000418	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 1-4-12	1/4/12	79	SSE	0.4	<0.0000781	<0.000026	0.0000619	<0.000026	<0.0013	<0.0000521	0.0000813	<0.000026	<0.000234	<0.0000521	<0.000026	0.000474
Upwind 1-5-12	1/5/12	CB	NE	0.1	<0.0000781	<0.000026	0.000168	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 1-5-12	1/5/12	80	NE	0.1	<0.0000781	<0.000026	0.000402	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	0.000308
Upwind 1-11-12	1/11/12	CC	SW	2.8	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 1-11-12	1/11/12	81	SW	2.8	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	0.000064	0.000109	0.0000283	<0.000234	<0.0000521	<0.000026	0.000824
Upwind 1-13-12	1/13/12	CD	NE	2.6	<0.0000781	<0.000026	0.000229	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 1-13-12	1/13/12	82	NE	2.6	<0.0000781	<0.000026	0.0000632	<0.000026	<0.0013	<0.0000521	0.0000483	<0.000026	<0.000234	<0.0000521	<0.000026	0.000307
Upwind 1-17-12	1/17/12	CE	Variable ^e	1.1	<0.0000781	<0.000026	<0.0000521	<0.000026	<0.0013	<0.0000521	<0.000026	<0.000026	<0.000234	<0.0000521	<0.000026	<0.00026
Downwind 1-17-12	1/17/12	83	Variable ^e	1.1	<0.0000781	<0.000026	0.000105	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000946	<0.000234	<0.0000521	<0.000026	0.000491
Upwind 1-19-12	1/19/12	CF	SE	1.9	<0.0000781	<0.000026	0.0000678	<0.000026	<0.0013	<0.0000521	0.000049	<0.000026	<0.000234	<0.0000521	<0.000026	0.000464
Downwind 1-19-12	1/19/12	84	SE	1.9	<0.0000781	<0.000026	0.0000623	<0.000026	<0.0013	<0.0000521	<0.000026	0.0000853	<0.000234	<0.0000521	<0.000026	<0.00026

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Sample ID	Sample Date	Sample ID ^a	Wind Direction	Wind Speed (MPH) ^b	Analytical Results (mg/m ³)											
					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
<u>QA/QC Samples (µg)</u>																
Trip Blank	1/6/11	---	---	---	<2.5	<2.5	<0.5	<0.025	<2.5	<0.5	<0.312	<0.5	<0.0217	<2.5	<0.25	<2.5
Trip Blank	1/11/11	---	---	---	<2.5	<2.5	<0.5	<0.025	<2.5	<0.5	<0.312	<0.5	<0.0217	<2.5	<0.25	<2.5
Trip Blank	1/21/11	---	---	---	<2.5	<2.5	<0.5	<0.025	<2.5	<0.5	<0.312	<0.5	<0.0217	<2.5	<0.25	<2.5
Trip Blank	2/1/11	---	---	---	<0.075	<0.025	0.0417	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0217	<0.05	<0.025	<0.25
Trip Blank	4/13/11	---	---	---	<0.075	<0.025	0.0443	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	4/15/11	---	---	---	<0.075	<0.025	0.0362	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	4/19/11	---	---	---	<0.075	<0.025	0.0261	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	4/22/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	4/27/11	---	---	---	<0.075	<0.025	0.0376	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	4/28/11	---	---	---	<0.075	<0.025	0.0407	<0.025	<1.25	0.0511	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/3/11	---	---	---	<0.075	<0.025	0.0709	<0.025	<1.25	0.0887	<0.025	0.0386	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/5/11	---	---	---	<0.075	<0.025	0.0422	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/10/11	---	---	---	<0.075	<0.025	0.0604	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/12/11	---	---	---	<0.075	<0.025	0.0305	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/16/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	0.0308	0.0336	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/19/11	---	---	---	<0.075	<0.025	0.0312	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/24/11	---	---	---	<0.075	<0.025	0.0294	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/26/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	5/31/11	---	---	---	<0.075	<0.025	0.0621	<0.025	<1.25	<0.05	<0.025	0.0276	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/2/11	---	---	---	<0.075	<0.025	0.0284	<0.025	<1.25	1.39	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/7/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/9/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/14/11	---	---	---	<0.075	<0.025	0.0352	<0.025	<1.25	1.43	<0.025	0.0332	<0.0225	<0.05	<0.025	0.338
Trip Blank	6/16/11	---	---	---	<0.075	<0.025	0.0375	<0.025	<1.25	0.262	0.0262	0.0341	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/21/11	---	---	---	<0.075	0.112	0.0507	<0.025	<1.25	<0.05	1.07	0.0509	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/23/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	6/28/11	---	---	---	<0.075	<0.025	0.051	<0.025	<1.25	<0.05	<0.025	0.0472	<0.0225	<0.05	<0.025	<0.25

Table 1. Encycle Perimeter Air Sample Analytical Results, Encycle/Texas, Inc., Corpus Christi, Texas

Sample ID	Figure 1		Wind		Analytical Results (mg/m ³)											
	Sample Date	Sample ID ^a	Wind Direction	Speed (MPH) ^b	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Trip Blank	6/30/11	---	---	---	<0.075	<0.025	0.0276	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/5/11	---	---	---	<0.075	<0.025	0.0377	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/7/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/12/11	---	---	---	<0.075	<0.025	0.0332	<0.025	<1.25	<0.05	<0.025	0.0509	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/14/11	---	---	---	<0.075	<0.025	<0.025	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/19/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0258	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/21/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/26/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.125	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	7/28/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/2/11	---	---	---	<0.075	<0.025	0.0507	<0.025	<1.25	0.0982	<0.025	0.039	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/4/11	---	---	---	<0.075	<0.025	0.068	<0.025	<1.25	0.0648	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/9/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0775	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/11/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0539	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/16/11	---	---	---	<0.075	<0.025	0.127	<0.025	<1.25	0.068	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/18/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0503	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/23/11	---	---	---	<0.075	<0.025	0.0606	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/25/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0374	<0.0225	<0.05	<0.025	<0.25
Trip Blank	8/30/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0328	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/1/11	---	---	---	<0.075	<0.025	0.0811	<0.025	<1.25	<0.05	<0.025	0.0272	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/6/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	0.0364	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/8/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0362	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/13/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0316	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/15/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	0.747	0.0537	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/20/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/22/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	0.0778	<0.025	0.0374	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/27/11	---	---	---	<0.075	<0.025	0.0736	<0.025	<1.25	<0.05	<0.025	0.0364	<0.0225	<0.05	<0.025	<0.25
Trip Blank	9/29/11	---	---	---	<0.075	<0.025	0.054	<0.025	<1.25	<0.05	<0.025	0.0618	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/4/11	---	---	---	<0.075	<0.025	0.072	<0.025	<1.25	0.366	<0.025	0.0272	<0.0225	<0.05	<0.025	0.459

Table 1. Encycle Perimeter Air Sample Analytical Results, Encycle/Texas, Inc., Corpus Christi, Texas

Sample ID	Figure 1		Wind		Analytical Results (mg/m ³)											
	Sample Date	Sample ID ^a	Wind Direction	Speed (MPH) ^b	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Trip Blank	10/6/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0271	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/11/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.152	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/13/11	---	---	---	<0.075	<0.025	0.0555	<0.025	<1.25	0.0588	<0.025	0.191	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/19/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	0.326	0.0386	0.188	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/20/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	0.0553	<0.025	0.035	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/25/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	10/27/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/1/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0259	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/2/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0315	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/8/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	0.696
Trip Blank	11/10/11	---	---	---	<0.075	<0.025	0.0596	<0.025	<1.25	<0.05	<0.025	0.167	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/15/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/17/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	0.0503	<0.025	0.0504	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/21/11	---	---	---	<0.075	<0.025	0.088	<0.025	<1.25	<0.05	<0.025	0.0723	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/22/11	---	---	---	<0.075	<0.025	0.062	<0.025	<1.25	<0.05	<0.025	0.0408	<0.0225	<0.05	<0.025	<0.25
Trip Blank	11/29/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	0.0334	<0.0225	<0.05	<0.025	<0.25
Trip Blank	12/1/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	0.032	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	12/6/11	---	---	---	1.36	32.5	12.0	0.371	10.5	0.653	32.8	0.361	<0.0225	<0.05	1.27	4.48
Trip Blank	12/8/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	12/13/11	---	---	---	<0.075	<0.025	0.0787	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	12/15/11	---	---	---	<0.075	<0.025	0.15	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	12/20/11	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	0.031	0.0494	<0.0225	<0.05	<0.025	<0.25
Trip Blank	12/22/11	---	---	---	<0.075	<0.025	0.126	<0.025	<1.25	<0.05	<0.025	0.0306	<0.0225	<0.05	<0.025	0.252
Trip Blank	1/4/12	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	1/5/12	---	---	---	<0.075	<0.025	0.0512	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	1/11/12	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	0.0747	<0.025	<0.025	<0.0225	<0.05	<0.025	0.283
Trip Blank	1/13/12	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
Trip Blank	1/17/12	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25

Table 1. Encycle Perimeter Air Sample Analytical Results, Encycle/Texas, Inc., Corpus Christi, Texas

Sample ID	Sample Date	Figure 1 Sample ID ^a	Wind Direction	Wind Speed (MPH) ^b	Analytical Results (mg/m ³)											
					Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
Trip Blank	1/19/12	---	---	---	<0.075	<0.025	<0.05	<0.025	<1.25	<0.05	<0.025	<0.025	<0.0225	<0.05	<0.025	<0.25
OSHA PEL (mg/m3) (8 hour TWA):					0.5	0.01	0.5	0.005	0.5	1	0.05	1	0.05	0.2	0.01	15
NAAQS (mg/m3) (rolling 3-month average):					---	---	---	---	---	---	0.00015	---	---	---	---	---

- mg/m³ Milligrams per cubic meter
 - MPH Miles per hour
 - QA/QC Field quality assurance/quality control samples
 - µg Micrograms
 - PEL Permissible exposure limit
 - TWA Time-weighted average
 - NAAQS National Ambient Air Quality Standard (Rolling 3-Month Average for lead)
 - a Air sample location shown on attached Figure 1.
 - b Wind speed measured at startup of air sampling pump.
 - c Wind direction varied during the 8-hour sampling interval from southerly to northerly in the morning, and ENE to ESE in the afternoon.
 - d The nickel concentrations reported by the analytical laboratory for the air samples collected on 10-13-11 were lower in concentration than the trip blank sample, indicating the reported nickel concentrations in the 10-13-11 samples are an artifact of the analytical laboratory.
 - e Wind direction varied during the 8-hour sampling interval from southerly in the morning, to northerly in the afternoon.
- Notes:
- (1) Samples analyzed by TestAmerica using NIOSH Method 7300 or 7303, except mercury which is analyzed using NIOSH Method 6009.
 - (2) Wind speed measured at the time of air sample collection using Windmate Model WM-100 air velocity meter.
 - (3) Air samples collected using Gilian Model GilAir3 and GilAir5 air sample pumps.