

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

Sample ID	Sample Date	Sample ID <sup>a</sup>	Wind Direction	Wind Speed (MPH) <sup>b</sup>	Analytical Results (mg/m <sup>3</sup> )											
					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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Sample ID	Sample Date	Sample ID <sup>a</sup>	Wind Direction	Wind Speed (MPH) <sup>b</sup>	Analytical Results (mg/m <sup>3</sup> )											
					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	(pending)											
Downwind 8-2-11	8/2/11	37	SE	1.8	(pending)											
Upwind 8-4-11	8/4/11	AL	SE	4.7	(pending)											
Downwind 8-4-11	8/4/11	38	SE	4.7	(pending)											
<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

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Sample ID	Figure 1		Wind		Analytical Results (mg/m <sup>3</sup> )											
	Sample Date	Sample ID <sup>a</sup>	Wind Direction	Wind Speed (MPH) <sup>b</sup>	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
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
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

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

Sample ID	Figure 1		Wind		Analytical Results (mg/m <sup>3</sup> )											
	Sample Date	Sample ID <sup>a</sup>	Wind Direction	Speed (MPH) <sup>b</sup>	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Nickel	Mercury	Selenium	Silver	Zinc
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	---	---	---	(pending)											
Trip Blank	8/4/11	---	---	---	(pending)											
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/m<sup>3</sup> 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.  
 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.