

**Former ASARCO-Encycle Demolition
Particulate Monitoring Readings**

Date: 4/13/2011 Through 04/15/11 partial

Technician: Carl Jones

Prevailing Wind

Direction	Time	Upwind Reading	Downwind Reading	Action Level	Stop Work	Date
ESE	1430	30 min Avg 0.053	30 min Avg 0.013	0.088	0.098	4/13/2011
ESE	1500	30 min Avg 0.018	30 min Avg 0.013	0.053	0.063	4/13/2011
ESE	1530	30 min Avg 0.014	30 min Avg 0.023	0.049	0.059	4/13/2011
ESE	1600	30 min Avg 0.016	30 min Avg 0.012	0.051	0.061	4/13/2011
SSE	0800	30 min Avg 0.002	30 min Avg 0.002	0.037	0.047	4/14/2011
SSE	0830	30 min Avg 0.005	30 min Avg 0.010	0.040	0.050	4/14/2011
SSE	0900	30 min Avg 0.081	30 min Avg 0.018	0.116	0.126	4/14/2011
SSE	0930	30 min Avg 0.016	30 min Avg 0.005	0.051	0.061	4/14/2011
SE	1000	30 min Avg 0.028	30 min Avg 0.008	0.063	0.073	4/14/2011
SE	1030	30 min Avg 0.049	30 min Avg 0.000	0.084	0.094	4/14/2011
SE	1100	30 min Avg 0.022	30 min Avg 0.003	0.057	0.067	4/14/2011
ESE	1130	30 min Avg 0.079	30 min Avg 0.012	0.114	0.124	4/14/2011
ESE	1200	30 min Avg 0.056	30 min Avg 0.011	0.091	0.101	4/14/2011
	1230	30 min Avg 0.032	30 min Avg 0.017	0.067	0.077	4/14/2011
ESE	1300	30 min Avg 0.029	30 min Avg 0.006	0.064	0.074	4/14/2011
	1330	30 min Avg 0.031	30 min Avg 0.017	0.066	0.076	4/14/2011
SE	1400	30 min Avg 0.061	30 min Avg 0.019	0.096	0.106	4/14/2011
	1430	30 min Avg 0.031	30 min Avg 0.022	0.066	0.076	4/14/2011
ESE	1500	30 min Avg 0.018	30 min Avg 0.004	0.053	0.063	4/14/2011
	1530	30 min Avg 0.009	30 min Avg 0.005	0.044	0.054	4/14/2011
SE	1600	30 min Avg 0.018	30 min Avg 0.021	0.053	0.063	4/14/2011
	1630	30 min Avg 0.057	30 min Avg 0.016	0.092	0.102	4/14/2011
SE	1700	30 min Avg 0.027	30 min Avg 0.023	0.062	0.072	4/14/2011
	1730	30 min Avg 0.016	30 min Avg 0.003	0.056	0.066	4/14/2011
NW	0800	30 min Avg 0.075	30 min Avg 0.016	0.110	0.120	4/15/2011
	0830	30 min Avg 0.059	30 min Avg 0.131	0.094	0.104	4/15/2011
N	0900	30 min Avg 0.003	30 min Avg 0.036	0.038	0.048	4/15/2011
	0930	30 min Avg 0.042	30 min Avg 0.029	0.077	0.087	4/15/2011
N	1000	30 min Avg 0.005	30 min Avg 0.001	0.040	0.050	4/15/2011
Flow failure*	1030	30 min Avg 0.005	30 min Avg 0.023	0.040	0.050	4/15/2011
N	1100	30 min Avg 0.005	30 min Avg 0.023	0.040	0.050	4/15/2011

Notes:

All readings in mg/m3

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage: 8:30 am -Stop work called on 4/15 due to high particulate readings;

Restart work at 9:00 a.m. after subsequent monitoring event. 4/15-12:00 pm All work stopped at site for the day due to high prevailing winds out of the North.

*Work stoppage for flow failure instrument cleaned and made operational.