

**Former ASARCO-Encycle Demolition  
Particulate Monitoring Summary  
Week Ending 6-18-11**

Date: 6/13/2011 Technician: Carl Jones

**Prevailing Wind**

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work
SE	6:00 AM	30 min Avg	-0.005	0.040	0.050
SE	6:30 AM	30 min Avg	0.007	0.042	0.052
SE	7:00 AM	30 min Avg	0.107	0.142	0.152
SE	7:30 AM	30 min Avg	0.022	0.057	0.067
SSE	8:00 AM	30 min Avg	0.006	0.041	0.051
SSE	8:30 AM	30 min Avg	-0.005	0.040	0.050
SSE	9:00 AM	30 min Avg	0.005	0.040	0.050
SE	9:30 AM	30 min Avg	0.000	0.035	0.045
SE	10:00 AM	30 min Avg	0.020	0.055	0.065
SSE	10:30 AM	30 min Avg	-0.003	0.038	0.048
SSE	11:00 AM	30 min Avg	0.005	0.040	0.050
SSE	11:30 AM	30 min Avg	0.011	0.046	0.056
SE	12:00 PM	30 min Avg	0.003	0.038	0.048
ESE	12:30 PM	30 min Avg	0.005	0.040	0.050
ESE	1:00 PM	30 min Avg	0.020	0.055	0.065
ESE	1:30 PM	30 min Avg	0.011	0.046	0.056
ESE	2:00 PM	30 min Avg	0.011	0.046	0.056
ESE	2:30 PM	30 min Avg	0.011	0.046	0.056
ESE	3:00 PM	30 min Avg	0.014	0.049	0.059
ESE	3:30 PM	30 min Avg	0.009	0.044	0.054
ESE	4:00 PM	30 min Avg	0.013	0.048	0.058
ESE	4:30 PM	30 min Avg	0.010	0.045	0.055
ESE	5:00 PM	30 min Avg	0.005	0.040	0.050
ESE	5:30 PM	30 min Avg	0.019	0.054	0.064

**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:*

Note: Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are not considered accurate.

**Former ASARCO-Encycle Demolition  
Particulate Monitoring Summary  
Week Ending 6-18-11**

Date: 6/14/2011 Technician: Carl Jones and Caitlin Cagle

**Prevailing Wind**

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work
S	6:00 AM	30 min Avg	-0.005	0.040	0.050
S	6:30 AM	30 min Avg	0.034	0.069	0.079
S	7:00 AM	30 min Avg	0.037	0.072	0.082
S	7:30 AM	30 min Avg	0.030	0.065	0.075
S	8:00 AM	30 min Avg	0.012	0.047	0.057
SE	8:30 AM	30 min Avg	-0.005	0.040	0.050
SE	9:00 AM	30 min Avg	-0.004	0.039	0.049
SSE	9:30 AM	30 min Avg	0.005	0.040	0.050
SSE	10:00 AM	30 min Avg	0.012	0.047	0.057
SSE	10:30 AM	30 min Avg	-0.005	0.040	0.050
SSE	11:00 AM	30 min Avg	0.005	0.040	0.050
SE	11:30 AM	30 min Avg	0.003	0.038	0.048
SE	12:00 PM	30 min Avg	0.007	0.042	0.052
SE	12:30 PM	30 min Avg	0.002	0.037	0.047
SE	1:00 PM	30 min Avg	-0.002	0.037	0.047
SE	1:30 PM	30 min Avg	0.011	0.046	0.056
SE	2:00 PM	30 min Avg	0.006	0.041	0.051
SE	2:30 PM	30 min Avg	0.012	0.047	0.057
SE	3:00 PM	30 min Avg	0.008	0.043	0.053
ESE	3:30 PM	30 min Avg	0.010	0.045	0.055
SE	4:00 PM	30 min Avg	0.008	0.043	0.053
SE	4:30 PM	30 min Avg	0.010	0.045	0.055
ESE	5:00 PM	30 min Avg	0.009	0.044	0.054
SE	5:30 PM	30 min Avg	0.011	0.046	0.056

**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:

Note: Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are not considered accurate.

**Former ASARCO-Encycle Demolition  
Particulate Monitoring Summary  
Week Ending 6-18-11**

Date: 6/15/2011 Technician: Carl Jones

**Prevailing Wind**

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SE	6:00 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SE	6:30 AM	30 min Avg	0.021	30 min Avg	0.016	0.056	0.066
SE	7:00 AM	30 min Avg	0.044	30 min Avg	0.034	0.079	0.089
SE	7:30 AM	30 min Avg	0.046	30 min Avg	0.038	0.081	0.091
SE	8:00 AM	30 min Avg	0.010	30 min Avg	0.009	0.045	0.055
SE	8:30 AM	30 min Avg	0.006	30 min Avg	0.007	0.041	0.051
SE	9:00 AM	30 min Avg	-0.004	30 min Avg	0.008	0.039	0.049
SSE	9:30 AM	30 min Avg	-0.004	30 min Avg	-0.001	0.039	0.049
SE	10:00 AM	30 min Avg	0.001	30 min Avg	-0.001	0.036	0.046
ESE	10:30 AM	30 min Avg	0.001	30 min Avg	0.010	0.036	0.046
ESE	11:00 AM	30 min Avg	0.010	30 min Avg	0.003	0.045	0.055
SE	11:30 AM	30 min Avg	0.006	30 min Avg	0.003	0.041	0.051
SE	12:00 PM	30 min Avg	0.003	30 min Avg	0.002	0.038	0.048
SE	12:30 PM	30 min Avg	0.026	30 min Avg	-0.001	0.061	0.071
SE	1:00 PM	30 min Avg	0.000	30 min Avg	0.004	0.035	0.045
SE	1:30 PM	30 min Avg	0.016	30 min Avg	0.019	0.051	0.061
SE	2:00 PM	30 min Avg	0.011	30 min Avg	0.006	0.046	0.056
SE	2:30 PM	30 min Avg	0.013	30 min Avg	0.014	0.048	0.058
ESE	3:00 PM	30 min Avg	0.017	30 min Avg	0.007	0.052	0.062
ESE	3:30 PM	30 min Avg	0.010	30 min Avg	0.010	0.045	0.055
ESE	4:00 PM	30 min Avg	0.009	30 min Avg	0.011	0.044	0.054
ESE	4:30 PM	30 min Avg	0.018	30 min Avg	0.013	0.053	0.063
ESE	5:00 PM	30 min Avg	0.013	30 min Avg	0.020	0.048	0.058
ESE	5:30 PM	30 min Avg	0.003	30 min Avg	0.013	0.038	0.048

Notes:

All readings in mg/m<sup>3</sup>

Action level = upwind concentration + 0.035 mg/m<sup>3</sup>

Stop Work Level = upwind concentration + 0.045 mg/m<sup>3</sup>

Note time/duration of work stoppage:

Note: Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are not considered accurate.

**Former ASARCO-Encycle Demolition  
Particulate Monitoring Summary  
Week Ending 6-18-11**

Date: 6/16/2011 Technician: Carl Jones

**Prevailing Wind**

<b>Direction</b>	<b>Time</b>	<b>Unit 2-Upwind Reading</b>	<b>Unit 1-Downwind Reading</b>	<b>Action Level</b>	<b>Stop Work</b>		
SE	6:00 AM	30 min Avg	-0.005	30 min Avg	-0.004	0.040	0.040
SE	6:30 AM	30 min Avg	0.056	30 min Avg	0.025	0.091	0.101
SE	7:00 AM	30 min Avg	0.069	30 min Avg	0.042	0.104	0.114
SE	7:30 AM	30 min Avg	0.019	30 min Avg	0.029	0.054	0.064
SE	8:00 AM	30 min Avg	0.020	30 min Avg	0.034	0.055	0.065
SE	8:30 AM	30 min Avg	0.003	30 min Avg	0.022	0.038	0.048
SSE	9:00 AM	30 min Avg	0.002	30 min Avg	0.011	0.037	0.047
SE	9:30 AM	30 min Avg	0.004	30 min Avg	0.002	0.039	0.049
SSE	10:00 AM	30 min Avg	0.020	30 min Avg	0.022	0.055	0.065
SSE	10:30 AM	30 min Avg	0.010	30 min Avg	0.000	0.045	0.055
SE	11:00 AM	30 min Avg	0.017	30 min Avg	0.017	0.052	0.062
SE	11:30 AM	30 min Avg	0.010	30 min Avg	0.014	0.045	0.055
SE	12:00 PM	30 min Avg	0.020	30 min Avg	0.019	0.055	0.065
SE	12:30 PM	30 min Avg	0.034	30 min Avg	0.014	0.069	0.079
SE	1:00 PM	30 min Avg	0.011	30 min Avg	0.016	0.046	0.056
SE	1:30 PM	30 min Avg	0.026	30 min Avg	0.020	0.061	0.071
SE	2:00 PM	30 min Avg	0.016	30 min Avg	0.021	0.051	0.061
SE	2:30 PM	30 min Avg	0.021	30 min Avg	0.007	0.056	0.066
SE	3:00 PM	30 min Avg	0.013	30 min Avg	0.009	0.048	0.058
SE	3:30 PM	30 min Avg	0.008	30 min Avg	0.013	0.043	0.053
SE	4:00 PM	30 min Avg	0.018	30 min Avg	0.022	0.053	0.063
SE	4:30 PM	30 min Avg	0.017	30 min Avg	0.002	0.052	0.062
SE	5:00 PM	30 min Avg	0.008	30 min Avg	0.018	0.043	0.053
SE	5:30 PM	30 min Avg	0.015	30 min Avg	0.015	0.050	0.060

**Notes:**

All readings in mg/m<sup>3</sup>

Action level = upwind concentration + 0.035 mg/m<sup>3</sup>

Stop Work Level = upwind concentration + 0.045 mg/m<sup>3</sup>

Note time/duration of work stoppage:

Note: Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are not considered accurate.

**Former ASARCO-Encycle Demolition  
Particulate Monitoring Summary  
Week Ending 6-18-11**

Date: 6/17/2011 Technician: Carl Jones

**Prevailing Wind**

<b>Direction</b>	<b>Time</b>	<b>Unit 2-Upwind Reading</b>	<b>Unit 1-Downwind Reading</b>	<b>Action Level</b>	<b>Stop Work</b>		
SE	6:00 AM	30 min Avg	-0.005	30 min Avg	0.005	0.040	0.050
SE	6:30 AM	30 min Avg	0.042	30 min Avg	0.012	0.077	0.087
SE	7:00 AM	30 min Avg	0.036	30 min Avg	0.036	0.071	0.081
SE	7:30 AM	30 min Avg	0.036	30 min Avg	0.053	0.071	0.081
SSE	8:00 AM	30 min Avg	0.046	30 min Avg	0.022	0.081	0.091
SSE	8:30 AM	30 min Avg	-0.002	30 min Avg	0.005	0.037	0.047
SSE	9:00 AM	30 min Avg	0.009	30 min Avg	0.019	0.044	0.054
SSE	9:30 AM	30 min Avg	-0.003	30 min Avg	0.009	0.038	0.048
SSE	10:00 AM	30 min Avg	0.006	30 min Avg	0.005	0.041	0.051
SSE	10:30 AM	30 min Avg	0.005	30 min Avg	0.001	0.040	0.050
SSE	11:00 AM	30 min Avg	0.008	30 min Avg	0.010	0.043	0.053
SSE	11:30 AM	30 min Avg	-0.001	30 min Avg	0.006	0.036	0.046
SSE	12:00 PM	30 min Avg	0.008	30 min Avg	0.007	0.043	0.053
SSE	12:30 PM	30 min Avg	0.014	30 min Avg	0.011	0.049	0.059
SSE	1:00 PM	30 min Avg	0.019	30 min Avg	0.011	0.054	0.064
SSE	1:30 PM	30 min Avg	0.011	30 min Avg	0.017	0.046	0.056
SE	2:00 PM	30 min Avg	0.016	30 min Avg	0.010	0.051	0.061
SE	2:30 PM	30 min Avg	0.009	30 min Avg	0.008	0.044	0.054
SE	3:00 PM	30 min Avg	0.013	30 min Avg	0.019	0.048	0.058
SE	3:30 PM	30 min Avg	0.017	30 min Avg	0.009	0.052	0.062
SE	4:00 PM	30 min Avg	0.007	30 min Avg	0.009	0.042	0.052
SE	4:30 PM	30 min Avg	0.014	30 min Avg	0.013	0.049	0.059
SE	5:00 PM	30 min Avg	0.019	30 min Avg	0.025	0.054	0.064
SE	5:30 PM	30 min Avg	0.013	30 min Avg	0.011	0.048	0.058

**Notes:**

All readings in mg/m<sup>3</sup>

Action level = upwind concentration + 0.035 mg/m<sup>3</sup>

Stop Work Level = upwind concentration + 0.045 mg/m<sup>3</sup>

Note time/duration of work stoppage:

Note: Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are not considered accurate.