

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 8-20-11**

Date: 8/16/2011 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SSE	6:00 AM	30 min Avg	-0.005	30 min Avg	0.040	0.050	
SSE	6:30 AM	30 min Avg	0.014	30 min Avg	0.049	0.059	
SSE	7:00 AM	30 min Avg	0.049	30 min Avg	0.047	0.094	
S	7:30 AM	30 min Avg	0.016	30 min Avg	0.017	0.061	
S	8:00 AM	30 min Avg	0.030	30 min Avg	-0.003	0.065	0.075
S	8:30 AM	30 min Avg	0.011	30 min Avg	0.013	0.046	0.056
S	9:00 AM	30 min Avg	-0.005	30 min Avg	0.011	0.040	0.050
S	9:30 AM	30 min Avg	0.001	30 min Avg	0.004	0.036	0.046
SSE	10:00 AM	30 min Avg	0.003	30 min Avg	0.002	0.038	0.048
SSE	10:30 AM	30 min Avg	0.005	30 min Avg	0.009	0.040	0.050
SSE	11:00 AM	30 min Avg	0.008	30 min Avg	0.002	0.043	0.053
SSE	11:30 AM	30 min Avg	0.006	30 min Avg	0.003	0.041	0.051
SSE	12:00 PM	30 min Avg	0.021	30 min Avg	0.015	0.056	0.066
SSE	12:30 PM	30 min Avg	0.010	30 min Avg	-0.005	0.045	0.055
SSE	1:00 PM	30 min Avg	0.016	30 min Avg	0.010	0.051	0.061
SE	1:30 PM	30 min Avg	0.014	30 min Avg	0.014	0.049	0.059
SE	2:00 PM	30 min Avg	0.002	30 min Avg	0.011	0.037	0.047
SE	2:30 PM	30 min Avg	0.009	30 min Avg	0.005	0.044	0.054
SE	3:00 PM	30 min Avg	0.011	30 min Avg	0.012	0.046	0.056
SE	3:30 PM	30 min Avg	0.010	30 min Avg	0.004	0.045	0.055
SE	4:00 PM	30 min Avg	0.011	30 min Avg	0.014	0.046	0.056
ESE	4:30 PM	30 min Avg	0.025	30 min Avg	0.015	0.060	0.070
ESE	5:00 PM	30 min Avg	0.017	30 min Avg	0.032	0.052	0.062
ESE	5:30 PM	30 min Avg	0.012	30 min Avg	0	0.047	0.057

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: **None**

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 8-20-11**

Date: 8/17/2011 Technician: Carl Jones

Prevailing Wind
Direction

Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work
6:00 AM	30 min Avg	-0.005	0.040	0.050
6:30 AM	30 min Avg	0.015	0.050	0.060
7:00 AM	30 min Avg	0.050	0.085	0.095
7:30 AM	30 min Avg	0.025	0.060	0.070
8:00 AM	30 min Avg	0.026	0.061	0.071
8:30 AM	30 min Avg	0.036	0.071	0.081
9:00 AM	30 min Avg	0.012	0.047	0.057
9:30 AM	30 min Avg	0.003	0.038	0.048
10:00 AM	30 min Avg	0.006	0.041	0.051
10:30 AM	30 min Avg	0.015	0.050	0.060
11:00 AM	30 min Avg	0.005	0.040	0.050
11:30 AM	30 min Avg	0.019	0.054	0.064
12:00 PM	30 min Avg	0.017	0.052	0.062
12:30 PM	30 min Avg	0.016	0.051	0.061
1:00 PM	30 min Avg	0.027	0.062	0.072
1:30 PM	30 min Avg	0.009	0.044	0.054
2:00 PM	30 min Avg	0.021	0.056	0.066
2:30 PM	30 min Avg	0.019	0.054	0.064
3:00 PM	30 min Avg	0.025	0.060	0.070
3:30 PM	30 min Avg	0.013	0.048	0.058
4:00 PM	30 min Avg	0.030	0.065	0.075
4:30 PM	30 min Avg	0.015	0.050	0.060
5:00 PM	30 min Avg	0.016	0.051	0.061
5:30 PM	30 min Avg	0.015	0.050	0.060

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: **None**

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 8-20-11

Date: 8/18/2011 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	0.008	30 min Avg	0.052	0.043	0.053
SE	7:00 AM	30 min Avg	0.077	30 min Avg	0.067	0.112	0.122
S	7:30 AM	30 min Avg	0.028	30 min Avg	0.017	0.063	0.073
S	8:00 AM	30 min Avg	0.038	30 min Avg	0.013	0.073	0.083
S	8:30 AM	30 min Avg	0.001	30 min Avg	0.020	0.036	0.046
S	9:00 AM	30 min Avg	-0.005	30 min Avg	0.009	0.040	0.050
S	9:30 AM	30 min Avg	0.012	30 min Avg	0.016	0.047	0.057
SSE	10:00 AM	30 min Avg	0.006	30 min Avg	0.008	0.041	0.051
S	10:30 AM	30 min Avg	0.014	30 min Avg	0.007	0.049	0.059
SE	11:00 AM	30 min Avg	0.009	30 min Avg	-0.001	0.044	0.054
S	11:30 AM	30 min Avg	0.012	30 min Avg	0.011	0.047	0.057
ESE	12:00 PM	30 min Avg	0.020	30 min Avg	0.022	0.055	0.065
ESE	12:30 PM	30 min Avg	0.015	30 min Avg	-0.005	0.050	0.060
ESE	1:00 PM	30 min Avg	0.012	30 min Avg	0.006	0.047	0.057
SE	1:30 PM	30 min Avg	0.024	30 min Avg	0.008	0.059	0.069
ESE	2:00 PM	30 min Avg	0.022	30 min Avg	0.014	0.057	0.067
ESE	2:30 PM	30 min Avg	0.006	30 min Avg	0.002	0.041	0.051
SE	3:00 PM	30 min Avg	0.012	30 min Avg	0.006	0.047	0.057
ESE	3:30 PM	30 min Avg	0.007	30 min Avg	0.004	0.042	0.052
SE	4:00 PM	30 min Avg	0.016	30 min Avg	0.008	0.051	0.061
ESE	4:30 PM	30 min Avg	0.017	30 min Avg	0.011	0.052	0.062
ESE	5:00 PM	30 min Avg	0.010	30 min Avg	0.013	0.045	0.055
ESE	5:30 PM	30 min Avg	0.006	30 min Avg	0.001	0.041	0.051

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: **None**

**Former ASARCO-Encycle Demolition
 Particulate Monitoring Summary
 Week Ending 8-20-11**

Date: 8/19/2011 Technician: Carl Jones

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	30 min Avg	-0.005	0.040	0.040
S	6:30 AM	30 min Avg	0.007	30 min Avg	0.087	0.042	0.052
S	7:00 AM	30 min Avg	0.089	30 min Avg	0.021	0.124	0.134
S	7:30 AM	30 min Avg	-0.005	30 min Avg	0.008	0.040	0.050
S	8:00 AM	30 min Avg	0.025	30 min Avg	0.001	0.060	0.070
S	8:30 AM	30 min Avg	0.016	30 min Avg	0.011	0.051	0.061
S	9:00 AM	30 min Avg	-0.005	30 min Avg	0.001	0.040	0.050
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S	10:00 AM	30 min Avg	0.002	30 min Avg	0.001	0.037	0.047
S	10:30 AM	30 min Avg	0.004	30 min Avg	0.004	0.039	0.049
S	11:00 AM	30 min Avg	0.006	30 min Avg	0.005	0.041	0.051
S	11:30 AM	30 min Avg	0.010	30 min Avg	0.010	0.045	0.055
SE	12:00 PM	30 min Avg	0.011	30 min Avg	0.011	0.046	0.056
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SE	2:30 PM	30 min Avg	0.010	30 min Avg	0.006	0.045	0.055
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SE	3:30 PM	30 min Avg	0.015	30 min Avg	0.014	0.050	0.060
SE	4:00 PM	30 min Avg	0.012	30 min Avg	0.015	0.047	0.057
SE	4:30 PM	30 min Avg	0.015	30 min Avg	0.013	0.050	0.060
SE	5:00 PM	30 min Avg	0.014	30 min Avg	0.007	0.049	0.059
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Notes:

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Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage: **None**

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