

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 8-13-11**

Date: 8/8/2011 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	0.050
S	6:30 AM	30 min Avg	0.007	30 min Avg	0.038	0.042	0.052
SSE	7:00 AM	30 min Avg	0.056	30 min Avg	0.052	0.091	0.101
SSE	7:30 AM	30 min Avg	0.037	30 min Avg	0.023	0.072	0.082
SSE	8:00 AM	30 min Avg	0.039	30 min Avg	0.019	0.074	0.084
SSE	8:30 AM	30 min Avg	0.006	30 min Avg	0.011	0.041	0.051
SSE	9:00 AM	30 min Avg	-0.005	30 min Avg	0.008	0.040	0.050
SSE	9:30 AM	30 min Avg	0.000	30 min Avg	0.009	0.035	0.045
SSE	10:00 AM	30 min Avg	0.002	30 min Avg	-0.005	0.037	0.047
SSE	10:30 AM	30 min Avg	0.004	30 min Avg	0.008	0.039	0.049
SSE	11:00 AM	30 min Avg	0.006	30 min Avg	0.002	0.041	0.051
SSE	11:30 AM	30 min Avg	0.008	30 min Avg	0.008	0.043	0.053
SSE	12:00 PM	30 min Avg	0.015	30 min Avg	0.000	0.050	0.060
SE	12:30 PM	30 min Avg	0.011	30 min Avg	0.020	0.046	0.056
SE	1:00 PM	30 min Avg	0.017	30 min Avg	0.012	0.052	0.062
SE	1:30 PM	30 min Avg	0.016	30 min Avg	0.021	0.051	0.061
SE	2:00 PM	30 min Avg	0.012	30 min Avg	0.017	0.047	0.057
ESE	2:30 PM	30 min Avg	0.019	30 min Avg	0.005	0.054	0.064
ESE	3:00 PM	30 min Avg	0.019	30 min Avg	0.013	0.054	0.064
ESE	3:30 PM	30 min Avg	0.017	30 min Avg	0.015	0.052	0.062
ESE	4:00 PM	30 min Avg	0.006	30 min Avg	0.012	0.041	0.051
ESE	4:30 PM	30 min Avg	0.021	30 min Avg	0.014	0.056	0.066
ESE	5:00 PM	30 min Avg	0.017	30 min Avg	0.009	0.052	0.062
ESE	5:30 PM	30 min Avg	0.015	30 min Avg	0.023	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 8-13-11**

Date: 8/9/2011 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	-0.005	0.040	0.050
SSE	6:30 AM	30 min Avg	-0.001	30 min Avg	0.042	0.036	0.046
SSE	7:00 AM	30 min Avg	0.061	30 min Avg	0.039	0.096	0.106
SSE	7:30 AM	30 min Avg	0.033	30 min Avg	0.032	0.068	0.078
SSE	8:00 AM	30 min Avg	0.036	30 min Avg	0.047	0.071	0.081
SSE	8:30 AM	30 min Avg	0.048	30 min Avg	0.025	0.083	0.093
SSE	9:00 AM	30 min Avg	0.014	30 min Avg	0.024	0.049	0.059
SSE	9:30 AM	30 min Avg	0.019	30 min Avg	0.021	0.054	0.064
SSE	10:00 AM	30 min Avg	0.004	30 min Avg	0.016	0.039	0.049
SE	10:30 AM	30 min Avg	0.001	30 min Avg	0.001	0.036	0.046
SE	11:00 AM	30 min Avg	0.005	30 min Avg	0.010	0.040	0.050
SSE	11:30 AM	30 min Avg	0.023	30 min Avg	0.022	0.058	0.068
SE	12:00 PM	30 min Avg	0.015	30 min Avg	0.019	0.050	0.060
SSE	12:30 PM	30 min Avg	0.016	30 min Avg	0.035	0.051	0.061
SE	1:00 PM	30 min Avg	0.018	30 min Avg	0.013	0.053	0.063
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	0.025	30 min Avg	0.017	0.060	0.070
SE	2:30 PM	30 min Avg	0.016	30 min Avg	0.022	0.051	0.061
ESE	3:00 PM	30 min Avg	0.023	30 min Avg	0.018	0.058	0.068
ESE	3:30 PM	30 min Avg	0.016	30 min Avg	0.025	0.051	0.061
ESE	4:00 PM	30 min Avg	0.027	30 min Avg	0.011	0.062	0.072
ESE	4:30 PM	30 min Avg	0.024	30 min Avg	0.025	0.059	0.069
ESE	5:00 PM	30 min Avg	0.013	30 min Avg	0.021	0.048	0.058
ESE	5:30 PM	30 min Avg	0.025	30 min Avg	0.021	0.060	0.070

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 8-13-11**

Date: 8/10/2011 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	0.040	0.050
S	6:30 AM	30 min Avg	0.012	0.047	0.057
S	7:00 AM	30 min Avg	0.064	0.099	0.109
S	7:30 AM	30 min Avg	0.034	0.069	0.079
S	8:00 AM	30 min Avg	0.045	0.080	0.090
S	8:30 AM	30 min Avg	0.045	0.080	0.090
S	9:00 AM	30 min Avg	0.025	0.060	0.070
S	9:30 AM	30 min Avg	0.013	0.048	0.058
SSE	10:00 AM	30 min Avg	-0.005	0.040	0.050
SSE	10:30 AM	30 min Avg	0.009	0.044	0.054
SSE	11:00 AM	30 min Avg	0.021	0.056	0.066
SE	11:30 AM	30 min Avg	-0.005	0.040	0.050
SE	12:00 PM	30 min Avg	0.017	0.052	0.062
SE	12:30 PM	30 min Avg	0.020	0.055	0.065
SE	1:00 PM	30 min Avg	0.022	0.057	0.067
SSE	1:30 PM	30 min Avg	0.011	0.046	0.056
SE	2:00 PM	30 min Avg	0.013	0.048	0.058
SE	2:30 PM	30 min Avg	0.017	0.052	0.062
SE	3:00 PM	30 min Avg	0.007	0.042	0.052
SE	3:30 PM	30 min Avg	0.014	0.049	0.059
SE	4:00 PM	30 min Avg	0.005	0.040	0.050
SE	4:30 PM	30 min Avg	0.012	0.047	0.057
SE	5:00 PM	30 min Avg	0.009	0.044	0.054
SE	5:30 PM	30 min Avg	0.014	0.049	0.059

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 8-13-11**

Date: 8/11/2011 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	-0.005	0.040	0.050
SSE	6:30 AM	30 min Avg	0.007	30 min Avg	0.041	0.042	0.052
SSE	7:00 AM	30 min Avg	0.070	30 min Avg	0.062	0.105	0.115
SSE	7:30 AM	30 min Avg	0.028	30 min Avg	0.021	0.063	0.073
SSE	8:00 AM	30 min Avg	0.042	30 min Avg	0.036	0.077	0.087
SSE	8:30 AM	30 min Avg	0.034	30 min Avg	0.017	0.069	0.079
SSE	9:00 AM	30 min Avg	-0.005	30 min Avg	0.010	0.040	0.050
SSE	9:30 AM	30 min Avg	0.003	30 min Avg	0.002	0.038	0.048
SSE	10:00 AM	30 min Avg	0.017	30 min Avg	0.029	0.052	0.062
SSE	10:30 AM	30 min Avg	0.019	30 min Avg	0.022	0.054	0.064
SE	11:00 AM	30 min Avg	0.006	30 min Avg	0.014	0.041	0.051
SE	11:30 AM	30 min Avg	-0.003	30 min Avg	0.003	0.038	0.048
SSE	12:00 PM	30 min Avg	0.012	30 min Avg	0.001	0.047	0.057
SE	12:30 PM	30 min Avg	0.016	30 min Avg	0.040	0.051	0.061
SSE	1:00 PM	30 min Avg	0.011	30 min Avg	0.012	0.046	0.056
SE	1:30 PM	30 min Avg	0.026	30 min Avg	0.022	0.061	0.071
SE	2:00 PM	30 min Avg	0.013	30 min Avg	0.012	0.048	0.058
SE	2:30 PM	30 min Avg	0.023	30 min Avg	0.018	0.058	0.068
SE	3:00 PM	30 min Avg	0.020	30 min Avg	0.000	0.055	0.065
SE	3:30 PM	30 min Avg	0.020	30 min Avg	0.024	0.055	0.065
SE	4:00 PM	30 min Avg	0.016	30 min Avg	0.025	0.051	0.061
SE	4:30 PM	30 min Avg	0.017	30 min Avg	0.018	0.052	0.062

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: 4:15 p.m.- All work shut down at site due to City water shut-off./no dust suppression available.

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

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Particulate Monitoring Summary
Week Ending 8-13-11**

Date: 8/12/2011 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	0.011	30 min Avg	0.035	0.046	0.056
S	7:00 AM	30 min Avg	0.042	30 min Avg	0.057	0.077	0.087
S	7:30 AM	30 min Avg	0.021	30 min Avg	0.032	0.056	0.066
SSE	8:00 AM	30 min Avg	0.050	30 min Avg	0.016	0.085	0.095
SSE	8:30 AM	30 min Avg	0.022	30 min Avg	0.016	0.057	0.067
SSE	9:00 AM	30 min Avg	0.004	30 min Avg	0.012	0.039	0.049
SSE	9:30 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SSE	10:00 AM	30 min Avg	-0.001	30 min Avg	0.011	0.036	0.046
SSE	10:30 AM	30 min Avg	0.013	30 min Avg	0.005	0.048	0.058
SSE	11:00 AM	30 min Avg	-0.002	30 min Avg	0.006	0.037	0.047
S	11:30 AM	30 min Avg	0.014	30 min Avg	0.008	0.049	0.059
S	12:00 PM	30 min Avg	0.016	30 min Avg	0.010	0.051	0.061
SE	12:30 PM	30 min Avg	0.021	30 min Avg	0.014	0.056	0.066
SE	1:00 PM	30 min Avg	0.026	30 min Avg	0.015	0.061	0.071
SSE	1:30 PM	30 min Avg	0.010	30 min Avg	0.023	0.045	0.055
SE	2:00 PM	30 min Avg	0.014	30 min Avg	0.013	0.049	0.059
SE	2:30 PM	30 min Avg	0.020	30 min Avg	0.011	0.055	0.065
SE	3:00 PM	30 min Avg	0.015	30 min Avg	0.009	0.050	0.060
ESE	3:30 PM	30 min Avg	0.020	30 min Avg	0.023	0.055	0.065
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ESE	4:30 PM	30 min Avg	0.013	30 min Avg	0.011	0.048	0.058
ESE	5:00 PM	30 min Avg	0.003	30 min Avg	0.014	0.038	0.048
ESE	5:30 PM	30 min Avg	0.017	30 min Avg	0.013	0.052	0.062

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.

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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: **Site shut down for weekend while calibration audit completed on E-Bam Unit #J3129**
