

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

Date: 6/6/2011 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	-0.002	0.037	0.047
S	7:00 AM	30 min Avg	0.017	0.052	0.062
S	7:30 AM	30 min Avg	0.004	0.039	0.049
S	8:00 AM	30 min Avg	0.006	0.041	0.051
S	8:30 AM	30 min Avg	0.000	0.035	0.045
S	9:00 AM	30 min Avg	0.014	0.049	0.059
S	9:30 AM	30 min Avg	0.008	0.043	0.053
S	10:00 AM	30 min Avg	-0.002	0.037	0.047
S	10:30 AM	30 min Avg	0.009	0.044	0.054
S	11:00 AM	30 min Avg	0.013	0.048	0.058
S	11:30 AM	30 min Avg	0.018	0.053	0.063
ENE	12:00 PM	30 min Avg	0.009	0.044	0.054
E	12:30 PM	30 min Avg	0.010	0.045	0.055
E	1:00 PM	30 min Avg	0.011	0.046	0.056
E	1:30 PM	30 min Avg	0.022	0.057	0.067
ESE	2:00 PM	30 min Avg	0.022	0.057	0.067
ESE	2:30 PM	30 min Avg	0.017	0.052	0.062
ESE	3:00 PM	30 min Avg	0.022	0.057	0.067
ESE	3:30 PM	30 min Avg	0.025	0.060	0.070
ESE	4:00 PM	30 min Avg	0.023	0.058	0.068
ESE	4:30 PM	30 min Avg	0.012	0.047	0.057
ESE	5:00 PM	30 min Avg	0.025	0.060	0.070
ESE	5:30 PM	30 min Avg	0.027	0.062	0.072

**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 6-11-11**

Date: 6/7/2011 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	0.040	0.050
SSE	6:30 AM	30 min Avg	0.008	0.043	0.053
SSE	7:00 AM	30 min Avg	0.037	0.072	0.082
SSE	7:30 AM	30 min Avg	0.033	0.068	0.078
SSE	8:00 AM	30 min Avg	0.015	0.050	0.060
SSE	8:30 AM	30 min Avg	0.010	0.045	0.055
SSE	9:00 AM	30 min Avg	-0.005	0.040	0.050
ESE	9:30 AM	30 min Avg	0.006	0.041	0.051
ESE	10:00 AM	30 min Avg	0.002	0.037	0.047
ESE	10:30 AM	30 min Avg	0.004	0.039	0.049
ESE	11:00 AM	30 min Avg	0.009	0.044	0.054
ESE	11:30 AM	30 min Avg	0.003	0.038	0.048
ESE	12:00 PM	30 min Avg	0.011	0.046	0.056
ESE	12:30 PM	30 min Avg	0.003	0.038	0.048
ESE	1:00 PM	30 min Avg	0.015	0.050	0.060
ESE	1:30 PM	30 min Avg	0.012	0.047	0.057
ESE	2:00 PM	30 min Avg	0.010	0.045	0.055
ESE	2:30 PM	30 min Avg	0.015	0.050	0.060
ESE	3:00 PM	30 min Avg	0.014	0.049	0.059
ESE	3:30 PM	30 min Avg	0.018	0.053	0.063
ESE	4:00 PM	30 min Avg	0.016	0.051	0.061
ESE	4:30 PM	30 min Avg	0.012	0.047	0.057
ESE	5:00 PM	30 min Avg	0.015	0.050	0.060
ESE	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:

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 6-11-11**

Date: 6/8/2011 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	0.069	30 min Avg	0.047	0.104	0.114
SE	7:00 AM	30 min Avg	0.020	30 min Avg	0.037	0.055	0.065
SE	7:30 AM	30 min Avg	0.057	30 min Avg	0.022	0.092	0.102
S	8:00 AM	30 min Avg	-0.001	30 min Avg	0.006	0.036	0.046
SE	8:30 AM	30 min Avg	-0.005	30 min Avg	-0.004	0.040	0.050
SE	9:00 AM	30 min Avg	-0.005	30 min Avg	0.001	0.040	0.050
SE	9:30 AM	30 min Avg	0.004	30 min Avg	0.008	0.039	0.049
SE	10:00 AM	30 min Avg	0.003	30 min Avg	-0.002	0.038	0.048
SE	10:30 AM	30 min Avg	0.013	30 min Avg	0.004	0.048	0.058
SE	11:00 AM	30 min Avg	-0.003	30 min Avg	-0.003	0.038	0.048
SE	11:30 AM	30 min Avg	0.016	30 min Avg	0.000	0.051	0.061
SE	12:00 PM	30 min Avg	0.008	30 min Avg	0.015	0.043	0.053
SE	12:30 PM	30 min Avg	0.006	30 min Avg	0.005	0.041	0.051
SE	1:00 PM	30 min Avg	0.005	30 min Avg	0.012	0.040	0.050
ESE	1:30 PM	30 min Avg	0.011	30 min Avg	0.002	0.046	0.056
ESE	2:00 PM	30 min Avg	0.011	30 min Avg	0.016	0.046	0.056
ESE	2:30 PM	30 min Avg	0.009	30 min Avg	0.005	0.044	0.054
ESE	3:00 PM	30 min Avg	0.007	30 min Avg	0.009	0.042	0.052
ESE	3:30 PM	30 min Avg	0.016	30 min Avg	0.003	0.051	0.061
ESE	4:00 PM	30 min Avg	0.008	30 min Avg	0.013	0.043	0.053
ESE	4:30 PM	30 min Avg	0.012	30 min Avg	0.015	0.047	0.057
ESE	5:00 PM	30 min Avg	0.012	30 min Avg	0.015	0.047	0.057
ESE	5:30 PM	30 min Avg	0.015	30 min Avg	0.007	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 6-11-11**

Date: 6/9/2011 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	0.040
SE	6:30 AM	30 min Avg	0.063	30 min Avg	0.035	0.098	0.108
SSE	7:00 AM	30 min Avg	0.035	30 min Avg	0.042	0.070	0.080
SSE	7:30 AM	30 min Avg	0.036	30 min Avg	0.034	0.071	0.081
SE	8:00 AM	30 min Avg	0.015	30 min Avg	-0.005	0.050	0.060
SE	8:30 AM	30 min Avg	-0.005	30 min Avg	0.006	0.040	0.050
SE	9:00 AM	30 min Avg	0.005	30 min Avg	0.013	0.040	0.050
SE	9:30 AM	30 min Avg	-0.005	30 min Avg	0.005	0.040	0.050
SE	10:00 AM	30 min Avg	0.014	30 min Avg	0.007	0.049	0.059
SE	10:30 AM	30 min Avg	0.011	30 min Avg	0.013	0.046	0.056
SE	11:00 AM	30 min Avg	0.003	30 min Avg	0.003	0.038	0.048
SE	11:30 AM	30 min Avg	0.021	30 min Avg	0.015	0.056	0.066
SE	12:00 PM	30 min Avg	0.004	30 min Avg	0.004	0.039	0.049
SE	12:30 PM	30 min Avg	0.009	30 min Avg	-0.005	0.044	0.054
ESE	1:00 PM	30 min Avg	0.023	30 min Avg	0.010	0.058	0.068
ESE	1:30 PM	30 min Avg	0.004	30 min Avg	0.013	0.039	0.049
ESE	2:00 PM	30 min Avg	0.012	30 min Avg	0.002	0.047	0.057
ESE	2:30 PM	30 min Avg	0.013	30 min Avg	0.011	0.048	0.058
ESE	3:00 PM	30 min Avg	0.010	30 min Avg	0.007	0.045	0.055
ESE	3:30 PM	30 min Avg	0.011	30 min Avg	0.009	0.046	0.056
ESE	4:00 PM	30 min Avg	0.014	30 min Avg	0.015	0.049	0.059
ESE	4:30 PM	30 min Avg	0.005	30 min Avg	0.000	0.040	0.050
ESE	5:00 PM	30 min Avg	0.017	30 min Avg	0.014	0.052	0.062
ESE	5:30 PM	30 min Avg	0.009	30 min Avg	0.008	0.044	0.054

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 6-11-11**

Date: 6/10/2011 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	0.055	30 min Avg	0.015	0.090	0.100
SE	7:00 AM	30 min Avg	0.044	30 min Avg	0.056	0.079	0.089
SE	7:30 AM	30 min Avg	0.020	30 min Avg	0.012	0.055	0.065
SSE	8:00 AM	30 min Avg	-0.003	30 min Avg	0.007	0.038	0.048
SSE	8:30 AM	30 min Avg	-0.005	30 min Avg	0.005	0.040	0.050
SSE	9:00 AM	30 min Avg	0.007	30 min Avg	0.002	0.042	0.052
SSE	9:30 AM	30 min Avg	-0.003	30 min Avg	0.006	0.038	0.048
SSE	10:00 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SE	10:30 AM	30 min Avg	0.006	30 min Avg	0.006	0.041	0.051
SE	11:00 AM	30 min Avg	0.011	30 min Avg	0.011	0.046	0.056
SE	11:30 AM	30 min Avg	0.004	30 min Avg	0.002	0.039	0.049
SE	12:00 PM	30 min Avg	0.013	30 min Avg	0.000	0.048	0.058
SE	12:30 PM	30 min Avg	0.006	30 min Avg	0.018	0.041	0.051
ESE	1:00 PM	30 min Avg	0.011	30 min Avg	0.014	0.046	0.056
ESE	1:30 PM	30 min Avg	0.005	30 min Avg	0.006	0.040	0.050
ESE	2:00 PM	30 min Avg	0.019	30 min Avg	0.006	0.054	0.064
ESE	2:30 PM	30 min Avg	-0.001	30 min Avg	0.011	0.036	0.046
ESE	3:00 PM	30 min Avg	0.012	30 min Avg	0.010	0.047	0.057
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ESE	5:00 PM	30 min Avg	0.012	30 min Avg	0.015	0.047	0.057
ESE	5:30 PM	30 min Avg	0.007	30 min Avg	0.005	0.042	0.052

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>

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<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	0.007	30 min Avg	0.010	0.042	0.052
SE	7:00 AM	30 min Avg	0.067	30 min Avg	0.053	0.102	0.112
SE	7:30 AM	30 min Avg	0.04	30 min Avg	0.019	0.075	0.085
SE	8:00 AM	30 min Avg	-0.004	30 min Avg	-0.005	0.039	0.049
SE	8:30 AM	30 min Avg	-0.005	30 min Avg	-0.004	0.040	0.050
SE	9:00 AM	30 min Avg	0.000	30 min Avg	0.002	0.035	0.045
SE	9:30 AM	30 min Avg	-0.005	30 min Avg	-0.003	0.040	0.050
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ESE	10:30 AM	30 min Avg	0.003	30 min Avg	0.003	0.038	0.048
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ESE	11:30 AM	30 min Avg	0.009	30 min Avg	-0.001	0.044	0.054
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ESE	1:00 PM	30 min Avg	0.014	30 min Avg	0.014	0.049	0.059
ESE	1:30 PM	30 min Avg	0.001	30 min Avg	0.013	0.036	0.046
ESE	2:00 PM	30 min Avg	0.015	30 min Avg	0.004	0.050	0.060
ESE	2:30 PM	30 min Avg	0.010	30 min Avg	0.010	0.045	0.055
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**Notes:**

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Note time/duration of work stoppage:

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