

**Former ASARCO-Encycle Demolition  
Particulate Monitoring Summary  
Week Ending 8-6-11**

Date: 8/1/2011 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	0.008	30 min Avg	0.008	0.043	0.053
S	7:00 AM	30 min Avg	0.062	30 min Avg	0.058	0.097	0.107
S	7:30 AM	30 min Avg	0.005	30 min Avg	-0.005	0.040	0.050
S	8:00 AM	30 min Avg	-0.005	30 min Avg	0.012	0.040	0.050
S	8:30 AM	30 min Avg	0.023	30 min Avg	0.001	0.058	0.068
S	9:00 AM	30 min Avg	0.023	30 min Avg	0.020	0.058	0.068
S	9:30 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
S	10:00 AM	30 min Avg	-0.004	30 min Avg	0.006	0.039	0.049
S	10:30 AM	30 min Avg	-0.003	30 min Avg	0.015	0.038	0.048
S	11:00 AM	30 min Avg	0.000	30 min Avg	-0.005	0.035	0.045
SE	11:30 AM	30 min Avg	-0.002	30 min Avg	-0.004	0.037	0.047
E	12:00 PM	30 min Avg	0.019	30 min Avg	0.013	0.054	0.064
ENE	12:30 PM	30 min Avg	0.000	30 min Avg	0.029	0.035	0.045
ENE	1:00 PM	30 min Avg	0.008	30 min Avg	0.004	0.043	0.053
E	1:30 PM	30 min Avg	0.009	30 min Avg	0.005	0.044	0.054
E	2:00 PM	30 min Avg	0.009	30 min Avg	0.007	0.044	0.054
E	2:30 PM	30 min Avg	0.007	30 min Avg	-0.005	0.042	0.052
E	3:00 PM	30 min Avg	0.003	30 min Avg	0.008	0.038	0.048
ESE	3:30 PM	30 min Avg	0.008	30 min Avg	-0.005	0.043	0.053
ESE	4:00 PM	30 min Avg	0.012	30 min Avg	0.004	0.047	0.057
ESE	4:30 PM	30 min Avg	0.000	30 min Avg	0.011	0.035	0.045
ESE	5:00 PM	30 min Avg	0.015	30 min Avg	0.001	0.050	0.060
ESE	5:30 PM	30 min Avg	0.005	30 min Avg	0.006	0.040	0.050

**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**

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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 8-6-11**

Date: 8/2/2011 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	0.043	0.078	0.088
S	7:30 AM	30 min Avg	0.004	0.039	0.049
S	8:00 AM	30 min Avg	0.064	0.099	0.109
S	8:30 AM	30 min Avg	-0.005	0.040	0.050
S	9:00 AM	30 min Avg	-0.005	0.040	0.050
S	9:30 AM	30 min Avg	0.004	0.039	0.049
S	10:00 AM	30 min Avg	-0.005	0.040	0.050
S	10:30 AM	30 min Avg	-0.005	0.040	0.050
S	11:00 AM	30 min Avg	0.008	0.043	0.053
S	11:30 AM	30 min Avg	0.005	0.040	0.050
SSE	12:00 PM	30 min Avg	0.003	0.038	0.048
SE	12:30 PM	30 min Avg	-0.003	0.038	0.048
ESE	1:00 PM	30 min Avg	0.009	0.044	0.054
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	0.003	0.038	0.048
ESE	3:30 PM	30 min Avg	0.007	0.042	0.052
ESE	4:00 PM	30 min Avg	0.007	0.042	0.052
ESE	4:30 PM	30 min Avg	0.009	0.044	0.054
ESE	5:00 PM	30 min Avg	0.007	0.042	0.052
ESE	5:30 PM	30 min Avg	0.004	0.039	0.049

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 8-6-11**

Date: 8/3/2011 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	30 min Avg	0.040	0.050
6:30 AM	30 min Avg	30 min Avg	0.036	0.046
7:00 AM	30 min Avg	30 min Avg	0.106	0.116
7:30 AM	30 min Avg	30 min Avg	0.036	0.046
8:00 AM	30 min Avg	30 min Avg	0.056	0.066
8:30 AM	30 min Avg	30 min Avg	0.040	0.050
9:00 AM	30 min Avg	30 min Avg	0.040	0.050
9:30 AM	30 min Avg	30 min Avg	0.035	0.045
10:00 AM	30 min Avg	30 min Avg	0.036	0.046
10:30 AM	30 min Avg	30 min Avg	0.040	0.050
11:00 AM	30 min Avg	30 min Avg	0.037	0.047
11:30 AM	30 min Avg	30 min Avg	0.045	0.055
12:00 PM	30 min Avg	30 min Avg	0.040	0.050
12:30 PM	30 min Avg	30 min Avg	0.045	0.055
1:00 PM	30 min Avg	30 min Avg	0.059	0.069
1:30 PM	30 min Avg	30 min Avg	0.037	0.047
2:00 PM	30 min Avg	30 min Avg	0.048	0.058
2:30 PM	30 min Avg	30 min Avg	0.040	0.050
3:00 PM	30 min Avg	30 min Avg	0.047	0.057
3:30 PM	30 min Avg	30 min Avg	0.044	0.054
4:00 PM	30 min Avg	30 min Avg	0.046	0.056
4:30 PM	30 min Avg	30 min Avg	0.041	0.051
5:00 PM	30 min Avg	30 min Avg	0.042	0.052
5:30 PM	30 min Avg	30 min Avg	0.045	0.055

**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 8-6-11**

Date: 8/4/2011 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	0.004	30 min Avg	0.044	0.039	0.049
S	7:00 AM	30 min Avg	0.036	30 min Avg	0.049	0.071	0.081
S	7:30 AM	30 min Avg	0.010	30 min Avg	0.018	0.045	0.055
S	8:00 AM	30 min Avg	0.013	30 min Avg	-0.004	0.048	0.058
S	8:30 AM	30 min Avg	0.024	30 min Avg	0.009	0.059	0.069
S	9:00 AM	30 min Avg	-0.005	30 min Avg	0.012	0.040	0.050
S	9:30 AM	30 min Avg	-0.005	30 min Avg	0.003	0.040	0.050
S	10:00 AM	30 min Avg	0.001	30 min Avg	-0.005	0.036	0.046
SE	10:30 AM	30 min Avg	-0.002	30 min Avg	0.003	0.037	0.047
S	11:00 AM	30 min Avg	0.009	30 min Avg	-0.005	0.044	0.054
S	11:30 AM	30 min Avg	-0.005	30 min Avg	0.002	0.040	0.050
ESE	12:00 PM	30 min Avg	0.013	30 min Avg	0.004	0.048	0.058
ESE	12:30 PM	30 min Avg	0.013	30 min Avg	0.006	0.048	0.058
ESE	1:00 PM	30 min Avg	0.000	30 min Avg	0.015	0.035	0.045
ESE	1:30 PM	30 min Avg	0.015	30 min Avg	-0.005	0.050	0.060
SE	2:00 PM	30 min Avg	0.003	30 min Avg	0.015	0.038	0.048
ESE	2:30 PM	30 min Avg	0.017	30 min Avg	0.005	0.052	0.062
ESE	3:00 PM	30 min Avg	-0.001	30 min Avg	-0.002	0.036	0.046
ESE	3:30 PM	30 min Avg	0.004	30 min Avg	0.006	0.039	0.049
ESE	4:00 PM	30 min Avg	0.008	30 min Avg	0.004	0.043	0.053
SE	4:30 PM	30 min Avg	0.006	30 min Avg	0.006	0.041	0.051
SE	5:00 PM	30 min Avg	0.007	30 min Avg	0.010	0.042	0.052
SE	5:30 PM	30 min Avg	0.002	30 min Avg	0.002	0.037	0.047

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**

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**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 8-6-11**

Date: 8/5/2011 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	-0.005	30 min Avg	0.021	0.040	0.050
S	7:00 AM	30 min Avg	0.053	30 min Avg	0.049	0.088	0.098
S	7:30 AM	30 min Avg	0.010	30 min Avg	0.027	0.045	0.055
SSE	8:00 AM	30 min Avg	0.027	30 min Avg	0.005	0.062	0.072
SSE	8:30 AM	30 min Avg	0.021	30 min Avg	0.012	0.056	0.066
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	-0.005	30 min Avg	0.007	0.040	0.050
SE	10:00 AM	30 min Avg	-0.003	30 min Avg	0.001	0.038	0.048
SSE	10:30 AM	30 min Avg	0.001	30 min Avg	-0.001	0.036	0.046
SE	11:00 AM	30 min Avg	0.008	30 min Avg	-0.005	0.043	0.053
SE	11:30 AM	30 min Avg	0.003	30 min Avg	0.005	0.038	0.048
SE	12:00 PM	30 min Avg	0.005	30 min Avg	0.004	0.040	0.050
SE	12:30 PM	30 min Avg	-0.005	30 min Avg	0.008	0.040	0.050
SE	1:00 PM	30 min Avg	0.007	30 min Avg	-0.003	0.042	0.052
SE	1:30 PM	30 min Avg	0.010	30 min Avg	0.017	0.045	0.055
SE	2:00 PM	30 min Avg	0.005	30 min Avg	0.010	0.040	0.050
ESE	2:30 PM	30 min Avg	0.006	30 min Avg	0.001	0.041	0.051
ESE	3:00 PM	30 min Avg	0.005	30 min Avg	0.003	0.040	0.050
ESE	3:30 PM	30 min Avg	0.018	30 min Avg	0.004	0.053	0.063
ESE	4:00 PM	30 min Avg	0.001	30 min Avg	0.005	0.036	0.046
ESE	4:30 PM	30 min Avg	0.010	30 min Avg	0.009	0.045	0.055
ESE	5:00 PM	30 min Avg	0.004	30 min Avg	0.002	0.039	0.049
ESE	5:30 PM	30 min Avg	0.002	30 min Avg	0.005	0.037	0.047

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:* **None**

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

