

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 5-28-11**

Date: 5/23/2011 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SE	6:30 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SE	7:00 AM	30 min Avg	0.010	30 min Avg	0.032	0.045	0.055
SE	7:30 AM	30 min Avg	0.105	30 min Avg	0.051	0.140	0.150
SE	8:00 AM	30 min Avg	0.033	30 min Avg	0.018	0.068	0.078
SE	8:30 AM	30 min Avg	0.013	30 min Avg	0.019	0.048	0.058
SE	9:00 AM	30 min Avg	-0.005	30 min Avg	0.011	0.040	0.050
SE	9:30 AM	30 min Avg	0.021	30 min Avg	0.008	0.056	0.066
SE	10:00 AM	30 min Avg	0.008	30 min Avg	0.016	0.043	0.053
SE	10:30 AM	30 min Avg	-0.004	30 min Avg	0.006	0.039	0.049
SE	11:00 AM	30 min Avg	0.016	30 min Avg	0.014	0.051	0.061
SE	11:30 AM	30 min Avg	0.006	30 min Avg	0.008	0.041	0.051
SE	12:00 PM	30 min Avg	0.008	30 min Avg	0.006	0.043	0.053
SE	12:30 PM	30 min Avg	-0.001	30 min Avg	0.016	0.036	0.046
SE	1:00 PM	30 min Avg	0.022	30 min Avg	0.014	0.057	0.067
SE	1:30 PM	30 min Avg	0.017	30 min Avg	0.015	0.052	0.062
SE	2:00 PM	30 min Avg	0.021	30 min Avg	0.023	0.056	0.066
SE	2:30 PM	30 min Avg	0.019	30 min Avg	0.010	0.054	0.064
SE	3:00 PM	30 min Avg	0.019	30 min Avg	0.016	0.054	0.064
SE	3:30 PM	30 min Avg	0.013	30 min Avg	0.015	0.048	0.058
SE	4:00 PM	30 min Avg	0.021	30 min Avg	0.016	0.056	0.066
SE	4:30 PM	30 min Avg	0.010	30 min Avg	0.008	0.045	0.055
SE	5:00 PM	30 min Avg	0.014	30 min Avg	0.023	0.049	0.059
SE	5:30 PM	30 min Avg	0.014	30 min Avg	0.022	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 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 5-28-11**

Date: 5/24/2011 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SE	6:30 AM	30 min Avg	-0.005	30 min Avg	-0.001	0.040	0.050
SE	7:00 AM	30 min Avg	0.038	30 min Avg	0.044	0.073	0.083
SE	7:30 AM	30 min Avg	0.094	30 min Avg	0.073	0.129	0.139
SE	8:00 AM	30 min Avg	0.079	30 min Avg	0.064	0.114	0.124
SE	8:30 AM	30 min Avg	0.044	30 min Avg	0.038	0.079	0.089
SE	9:00 AM	30 min Avg	0.014	30 min Avg	0.016	0.049	0.059
SE	9:30 AM	30 min Avg	0.013	30 min Avg	0.021	0.048	0.058
SE	10:00 AM	30 min Avg	0.006	30 min Avg	0.010	0.041	0.051
SE	10:30 AM	30 min Avg	0.003	30 min Avg	0.015	0.038	0.048
SE	11:00 AM	30 min Avg	0.020	30 min Avg	0.013	0.055	0.065
SE	11:30 AM	30 min Avg	0.007	30 min Avg	0.016	0.042	0.052
SE	12:00 PM	30 min Avg	0.013	30 min Avg	0.004	0.048	0.058
SE	12:30 PM	30 min Avg	0.017	30 min Avg	0.010	0.052	0.062
SE	1:00 PM	30 min Avg	0.013	30 min Avg	0.011	0.048	0.058
SE	1:30 PM	30 min Avg	0.019	30 min Avg	0.025	0.054	0.064
SE	2:00 PM	30 min Avg	0.013	30 min Avg	0.009	0.048	0.058
SE	2:30 PM	30 min Avg	0.012	30 min Avg	0.005	0.047	0.057
SE	3:00 PM	30 min Avg	0.009	30 min Avg	0.015	0.044	0.054
SE	3:30 PM	30 min Avg	0.019	30 min Avg	0.003	0.054	0.064
SE	4:00 PM	30 min Avg	0.012	30 min Avg	0.016	0.047	0.057
SE	4:30 PM	30 min Avg	0.013	30 min Avg	0.023	0.048	0.058
SE	5:00 PM	30 min Avg	0.015	30 min Avg	0.012	0.050	0.060
SE	5:30 PM	30 min Avg	0.019	30 min Avg	0.010	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 time/duration of work stoppage:

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 5-28-11**

Date: 5/25/2011 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SE	6:30 AM	30 min Avg	-0.005	30 min Avg	0.000	0.040	0.050
SE	7:00 AM	30 min Avg	0.072	30 min Avg	0.051	0.107	0.117
SE	7:30 AM	30 min Avg	0.108	30 min Avg	0.078	0.143	0.153
SE	8:00 AM	30 min Avg	0.064	30 min Avg	0.059	0.099	0.109
SE	8:30 AM	30 min Avg	0.022	30 min Avg	0.039	0.057	0.067
SE	9:00 AM	30 min Avg	0.019	30 min Avg	0.036	0.054	0.064
SE	9:30 AM	30 min Avg	0.009	30 min Avg	0.011	0.044	0.054
SE	10:00 AM	30 min Avg	0.024	30 min Avg	0.030	0.059	0.069
SE	10:30 AM	30 min Avg	0.034	30 min Avg	0.032	0.069	0.079
SE	11:00 AM	30 min Avg	0.033	30 min Avg	0.025	0.068	0.078
SE	11:30 AM	30 min Avg	0.022	30 min Avg	0.030	0.057	0.067
SE	12:00 PM	30 min Avg	0.033	30 min Avg	0.031	0.068	0.078
SE	12:30 PM	30 min Avg	0.015	30 min Avg	0.033	0.050	0.060
SE	1:00 PM	30 min Avg	0.030	30 min Avg	0.022	0.065	0.075
SE	1:30 PM	30 min Avg	0.031	30 min Avg	0.029	0.066	0.076
SE	2:00 PM	30 min Avg	0.034	30 min Avg	0.025	0.069	0.079
SE	2:30 PM	30 min Avg	0.016	30 min Avg	0.019	0.051	0.061
SE	3:00 PM	30 min Avg	0.014	30 min Avg	0.013	0.049	0.059
SE	3:30 PM	30 min Avg	0.023	30 min Avg	0.016	0.058	0.068
SE	4:00 PM	30 min Avg	0.016	30 min Avg	0.008	0.051	0.061
SE	4:30 PM	30 min Avg	0.019	30 min Avg	0.024	0.054	0.064
SE	5:00 PM	30 min Avg	0.020	30 min Avg	0.022	0.055	0.065
SE	5:30 PM	30 min Avg	0.012	30 min Avg	0.015	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:

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 5-28-11**

Date: 5/26/2011 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
NE	6:00 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.040
E	6:30 AM	30 min Avg	-0.005	30 min Avg	0.019	0.040	0.050
E	7:00 AM	30 min Avg	0.089	30 min Avg	0.060	0.124	0.134
E	7:30 AM	30 min Avg	0.016	30 min Avg	0.014	0.051	0.061
E	8:00 AM	30 min Avg	0.02	30 min Avg	0.018	0.055	0.065
E	8:30 AM	30 min Avg	0.018	30 min Avg	0.021	0.053	0.063
E	9:00 AM	30 min Avg	0.026	30 min Avg	0.016	0.061	0.071
ESE	9:30 AM	30 min Avg	0.016	30 min Avg	0.025	0.051	0.061
ESE	10:00 AM	30 min Avg	0.024	30 min Avg	0.024	0.059	0.069
ESE	10:30 AM	30 min Avg	0.015	30 min Avg	0.011	0.050	0.060
E	11:00 AM	30 min Avg	0.012	30 min Avg	0.015	0.047	0.057
E	11:30 AM	30 min Avg	0.022	30 min Avg	0.046	0.057	0.067
E	12:00 PM	30 min Avg	0.035	30 min Avg	0.023	0.070	0.080
E	12:30 PM	30 min Avg	0.042	30 min Avg	0.033	0.077	0.087
E	1:00 PM	30 min Avg	0.032	30 min Avg	0.031	0.067	0.077
E	1:30 PM	30 min Avg	0.041	30 min Avg	0.039	0.076	0.086
E	2:00 PM	30 min Avg	0.035	30 min Avg	0.031	0.070	0.080
E	2:30 PM	30 min Avg	0.035	30 min Avg	0.033	0.070	0.080
E	3:00 PM	30 min Avg	0.034	30 min Avg	0.022	0.069	0.079
E	3:30 PM	30 min Avg	0.037	30 min Avg	0.050	0.072	0.082
E	4:00 PM	30 min Avg	0.047	30 min Avg	0.038	0.082	0.092
E	4:30 PM	30 min Avg	0.034	30 min Avg	0.033	0.069	0.079
E	5:00 PM	30 min Avg	0.048	30 min Avg	0.045	0.083	0.093
E	5:30 PM	30 min Avg	0.042	30 min Avg	0.046	0.077	0.087

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 5-28-11**

Date: 5/27/2011 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SE	5:30 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SE	6:00 AM	30 min Avg	-0.005	30 min Avg	0.020	0.040	0.050
SE	6:30 AM	30 min Avg	0.038	30 min Avg	0.013	0.073	0.083
SE	7:00 AM	30 min Avg	0.013	30 min Avg	0.020	0.048	0.058
SE	7:30 AM	30 min Avg	0.037	30 min Avg	0.027	0.072	0.082
SE	8:00 AM	30 min Avg	0.041	30 min Avg	0.031	0.076	0.086
SE	8:30 AM	30 min Avg	0.018	30 min Avg	0.013	0.053	0.063
SE	9:00 AM	30 min Avg	-0.005	30 min Avg	-0.002	0.040	0.050
SE	9:30 AM	30 min Avg	-0.005	30 min Avg	-0.001	0.040	0.050
SE	10:00 AM	30 min Avg	0.010	30 min Avg	0.006	0.045	0.055
SE	10:30 AM	30 min Avg	0.012	30 min Avg	0.008	0.047	0.057
SE	11:00 AM	30 min Avg	0.005	30 min Avg	0.001	0.040	0.050
SE	11:30 AM	30 min Avg	0.007	30 min Avg	0.016	0.042	0.052
SE	12:00 PM	30 min Avg	0.017	30 min Avg	0.016	0.052	0.062
SE	12:30 PM	30 min Avg	0.010	30 min Avg	0.024	0.045	0.055
SE	1:00 PM	30 min Avg	0.024	30 min Avg	0.027	0.059	0.069
SE	1:30 PM	30 min Avg	0.024	30 min Avg	0.022	0.059	0.069
SE	2:00 PM	30 min Avg	0.025	30 min Avg	0.027	0.060	0.070
SE	2:30 PM	30 min Avg	0.031	30 min Avg	0.029	0.066	0.076
SE	3:00 PM	30 min Avg	0.040	30 min Avg	0.022	0.075	0.085
SE	3:30 PM	30 min Avg	0.021	30 min Avg	0.036	0.056	0.066
SE	4:00 PM	30 min Avg	0.036	30 min Avg	0.028	0.071	0.081
SE	4:30 PM	30 min Avg	0.026	30 min Avg	0.031	0.061	0.071
SE	5:00 PM	30 min Avg	0.046	30 min Avg	0.040	0.081	0.091

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: All worked stopped at the site for the weekend at 4:45 pm.

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

