

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 7-16-11**

Date: 7/11/2011 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	0.026	0.043	0.053
SE	7:00 AM	30 min Avg	0.063	30 min Avg	0.060	0.098	0.108
SE	7:30 AM	30 min Avg	0.040	30 min Avg	0.038	0.075	0.085
SE	8:00 AM	30 min Avg	0.026	30 min Avg	-0.003	0.061	0.071
SSE	8:30 AM	30 min Avg	-0.005	30 min Avg	0.002	0.040	0.050
SSE	9:00 AM	30 min Avg	-0.002	30 min Avg	-0.002	0.037	0.047
SE	9:30 AM	30 min Avg	-0.005	30 min Avg	0.001	0.040	0.050
SSE	10:00 AM	30 min Avg	0.000	30 min Avg	-0.005	0.035	0.045
SE	10:30 AM	30 min Avg	0.001	30 min Avg	0.013	0.036	0.046
SE	11:00 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
ESE	11:30 AM	30 min Avg	0.006	30 min Avg	0.011	0.041	0.051
ESE	12:00 PM	30 min Avg	0.010	30 min Avg	0.007	0.045	0.055
ESE	12:30 PM	30 min Avg	0.016	30 min Avg	-0.004	0.051	0.061
ESE	1:00 PM	30 min Avg	0.007	30 min Avg	0.010	0.042	0.052
ESE	1:30 PM	30 min Avg	0.005	30 min Avg	0.004	0.040	0.050
ESE	2:00 PM	30 min Avg	0.009	30 min Avg	0.000	0.044	0.054
ESE	2:30 PM	30 min Avg	0.007	30 min Avg	0.013	0.042	0.052
ESE	3:00 PM	30 min Avg	0.005	30 min Avg	0.005	0.040	0.050
ESE	3:30 PM	30 min Avg	0.009	30 min Avg	0.005	0.044	0.054
ESE	4:00 PM	30 min Avg	0.010	30 min Avg	0.009	0.045	0.055
ESE	4:30 PM	30 min Avg	0.001	30 min Avg	-0.004	0.036	0.046
ESE	5:00 PM	30 min Avg	0.016	30 min Avg	0.010	0.051	0.061
ESE	5:30 PM	30 min Avg	0.001	30 min Avg	0.001	0.036	0.046

Notes:

All readings in mg/m³

Action Levels for wind with a non-northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage: None

Action Levels for wind with a northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.019 mg/m³

Stop Work Level = upwind concentration + 0.024 mg/m³

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 7-16-11**

Date: 7/12/2011 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	-0.001	30 min Avg	0.042	0.036	0.046
SE	7:00 AM	30 min Avg	0.084	30 min Avg	0.050	0.119	0.129
SE	7:30 AM	30 min Avg	0.033	30 min Avg	0.009	0.068	0.078
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	-0.001	30 min Avg	0.012	0.036	0.046
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	-0.005	30 min Avg	0.008	0.040	0.050
SE	10:30 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SE	11:00 AM	30 min Avg	0.013	30 min Avg	0.005	0.048	0.058
SE	11:30 AM	30 min Avg	0.009	30 min Avg	0.000	0.044	0.054
SE	12:00 PM	30 min Avg	0.005	30 min Avg	0.009	0.040	0.050
SE	12:30 PM	30 min Avg	0.001	30 min Avg	0.014	0.036	0.046
SE	1:00 PM	30 min Avg	0.003	30 min Avg	0.004	0.038	0.048
SE	1:30 PM	30 min Avg	0.005	30 min Avg	0.001	0.040	0.050
SE	2:00 PM	30 min Avg	0.008	30 min Avg	0.001	0.043	0.053
SE	2:30 PM	30 min Avg	-0.004	30 min Avg	0.011	0.039	0.049
SE	3:00 PM	30 min Avg	0.014	30 min Avg	0.007	0.049	0.059
SE	3:30 PM	30 min Avg	-0.003	30 min Avg	0.002	0.038	0.048
SE	4:00 PM	30 min Avg	0.009	30 min Avg	-0.004	0.044	0.054
SE	4:30 PM	30 min Avg	0.012	30 min Avg	0.011	0.047	0.057
SE	5:00 PM	30 min Avg	0.003	30 min Avg	0.005	0.038	0.048
SE	5:30 PM	30 min Avg	-0.004	30 min Avg	0.003	0.039	0.049

Notes:

All readings in mg/m³

Action Levels for wind with a non-northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage: None

Action Levels for wind with a northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.019 mg/m³

Stop Work Level = upwind concentration + 0.024 mg/m³

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 7-16-11**

Date: 7/13/2011 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	0.036	30 min Avg	0.034	0.071	0.081
SE	7:00 AM	30 min Avg	0.035	30 min Avg	0.080	0.070	0.080
SE	7:30 AM	30 min Avg	0.053	30 min Avg	0.002	0.088	0.098
SE	8:00 AM	30 min Avg	0.005	30 min Avg	0.003	0.040	0.050
SE	8:30 AM	30 min Avg	-0.005	30 min Avg	-0.002	0.040	0.050
SE	9:00 AM	30 min Avg	0.013	30 min Avg	0.008	0.048	0.058
SE	9:30 AM	30 min Avg	0.009	30 min Avg	0.009	0.044	0.054
SE	10:00 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SE	10:30 AM	30 min Avg	0.001	30 min Avg	0.002	0.036	0.046
SE	11:00 AM	30 min Avg	0.002	30 min Avg	0.007	0.037	0.047
SE	11:30 AM	30 min Avg	0.011	30 min Avg	-0.002	0.046	0.056
SE	12:00 PM	30 min Avg	0.002	30 min Avg	0.003	0.037	0.047
SE	12:30 PM	30 min Avg	-0.005	30 min Avg	0.011	0.040	0.050
SE	1:00 PM	30 min Avg	0.005	30 min Avg	0.004	0.040	0.050
SE	1:30 PM	30 min Avg	0.002	30 min Avg	0.003	0.037	0.047
SE	2:00 PM	30 min Avg	0.009	30 min Avg	0.011	0.044	0.054
SE	2:30 PM	30 min Avg	0.004	30 min Avg	0.007	0.039	0.049
SE	3:00 PM	30 min Avg	0.002	30 min Avg	0.002	0.037	0.047
SE	3:30 PM	30 min Avg	0.006	30 min Avg	0.003	0.041	0.051
SE	4:00 PM	30 min Avg	0.007	30 min Avg	0.007	0.042	0.052
SE	4:30 PM	30 min Avg	0.003	30 min Avg	-0.005	0.038	0.048
SE	5:00 PM	30 min Avg	0.001	30 min Avg	0.005	0.036	0.046
SE	5:30 PM	30 min Avg	0.005	30 min Avg	0.011	0.040	0.050

Notes:

All readings in mg/m³

Action Levels for wind with a non-northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage: None

Action Levels for wind with a northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.019 mg/m³

Stop Work Level = upwind concentration + 0.024 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 7-16-11**

Date: 7/14/2011 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	0.022	30 min Avg	0.030	0.057	0.067
SSE	7:00 AM	30 min Avg	0.058	30 min Avg	0.066	0.093	0.103
SSE	7:30 AM	30 min Avg	0.033	30 min Avg	0.034	0.068	0.078
SSE	8:00 AM	30 min Avg	0.042	30 min Avg	0.003	0.077	0.087
SSE	8:30 AM	30 min Avg	-0.001	30 min Avg	0.011	0.036	0.046
SSE	9:00 AM	30 min Avg	0.005	30 min Avg	0.018	0.040	0.050
SSE	9:30 AM	30 min Avg	0.013	30 min Avg	-0.002	0.048	0.058
SSE	10:00 AM	30 min Avg	-0.005	30 min Avg	-0.005	0.040	0.050
SSE	10:30 AM	30 min Avg	0.012	30 min Avg	0.011	0.047	0.057
SSE	11:00 AM	30 min Avg	0.006	30 min Avg	0.008	0.041	0.051
SSE	11:30 AM	30 min Avg	0.017	30 min Avg	0.010	0.052	0.062
SSE	12:00 PM	30 min Avg	0.009	30 min Avg	0.020	0.044	0.054
SSE	12:30 PM	30 min Avg	0.007	30 min Avg	0.010	0.042	0.052
SE	1:00 PM	30 min Avg	0.023	30 min Avg	0.009	0.058	0.068
SE	1:30 PM	30 min Avg	0.019	30 min Avg	0.023	0.054	0.064
SE	2:00 PM	30 min Avg	0.018	30 min Avg	0.007	0.053	0.063
SE	2:30 PM	30 min Avg	0.019	30 min Avg	0.019	0.054	0.064
SE	3:00 PM	30 min Avg	0.020	30 min Avg	0.017	0.055	0.065
SE	3:30 PM	30 min Avg	0.019	30 min Avg	0.016	0.054	0.064
SE	4:00 PM	30 min Avg	0.013	30 min Avg	0.016	0.048	0.058
SE	4:30 PM	30 min Avg	0.023	30 min Avg	0.019	0.058	0.068
SE	5:00 PM	30 min Avg	0.018	30 min Avg	0.016	0.053	0.063
SE	5:30 PM	30 min Avg	0.016	30 min Avg	0.024	0.051	0.061

Notes:

All readings in mg/m³

Action Levels for wind with a non-northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage: None

Action Levels for wind with a northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.019 mg/m³

Stop Work Level = upwind concentration + 0.024 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 7-16-11**

Date: 7/15/2011 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	0.040
SSE	6:30 AM	30 min Avg	0.039	30 min Avg	0.033	0.074	0.084
SSE	7:00 AM	30 min Avg	0.055	30 min Avg	0.063	0.090	0.100
SSE	7:30 AM	30 min Avg	0.033	30 min Avg	0.036	0.068	0.078
S	8:00 AM	30 min Avg	0.051	30 min Avg	0.017	0.086	0.096
S	8:30 AM	30 min Avg	-0.005	30 min Avg	0.006	0.040	0.050
SSE	9:00 AM	30 min Avg	0.023	30 min Avg	0.011	0.058	0.068
S	9:30 AM	30 min Avg	0.006	30 min Avg	0.023	0.041	0.051
S	10:00 AM	30 min Avg	-0.004	30 min Avg	0.000	0.039	0.049
S	10:30 AM	30 min Avg	0.002	30 min Avg	-0.001	0.037	0.047
S	11:00 AM	30 min Avg	-0.005	30 min Avg	-0.001	0.040	0.050
SSE	11:30 AM	30 min Avg	0.006	30 min Avg	0.015	0.041	0.051
SSE	12:00 PM	30 min Avg	0.022	30 min Avg	0.004	0.057	0.067
SSE	12:30 PM	30 min Avg	0.027	30 min Avg	-0.001	0.062	0.072
SSE	1:00 PM	30 min Avg	0.018	30 min Avg	0.021	0.053	0.063
SE	1:30 PM	30 min Avg	0.023	30 min Avg	0.015	0.058	0.068
SE	2:00 PM	30 min Avg	0.011	30 min Avg	0.016	0.046	0.056
SE	2:30 PM	30 min Avg	0.024	30 min Avg	0.020	0.059	0.069
SE	3:00 PM	30 min Avg	0.013	30 min Avg	0.013	0.048	0.058
SE	3:30 PM	30 min Avg	0.022	30 min Avg	0.016	0.057	0.067
SE	4:00 PM	30 min Avg	0.017	30 min Avg	0.013	0.052	0.062
SE	4:30 PM	30 min Avg	0.021	30 min Avg	0.023	0.056	0.066
SE	5:00 PM	30 min Avg	0.017	30 min Avg	0.009	0.052	0.062
SE	5:30 PM	30 min Avg	0.010	30 min Avg	0.026	0.045	0.055

Notes:

All readings in mg/m3

Action Levels for wind with a non-northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage: None

Action Levels for wind with a northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.019 mg/m3

Stop Work Level = upwind concentration + 0.024 mg/m3

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 7-16-11**

Date: 7/16/2011 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 0.005	0.040	0.050
SSE	6:30 AM	30 min Avg 0.090	30 min Avg 0.086	0.125	0.135
SSE	7:00 AM	30 min Avg 0.014	30 min Avg 0.021	0.049	0.059
SSE	7:30 AM	30 min Avg 0.022	30 min Avg 0.016	0.057	0.067
SSE	8:00 AM	30 min Avg 0.020	30 min Avg 0.005	0.055	0.065
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 -0.005	30 min Avg -0.001	0.040	0.050
SSE	9:30 AM	30 min Avg 0.015	30 min Avg 0.006	0.050	0.060
SSE	10:00 AM	30 min Avg 0.017	30 min Avg 0.024	0.052	0.062
SSE	10:30 AM	30 min Avg -0.005	30 min Avg 0.007	0.040	0.050
SE	11:00 AM	30 min Avg -0.005	30 min Avg -0.005	0.040	0.050
SE	11:30 AM	30 min Avg -0.005	30 min Avg -0.005	0.040	0.050
SSE	12:00 PM	30 min Avg 0.007	30 min Avg 0.006	0.042	0.052
SE	12:30 PM	30 min Avg 0.011	30 min Avg 0.015	0.046	0.056
SE	1:00 PM	30 min Avg 0.016	30 min Avg 0.008	0.051	0.061
SE	1:30 PM	30 min Avg 0.006	30 min Avg 0.009	0.041	0.051
ESE	2:00 PM	30 min Avg 0.014	30 min Avg 0.005	0.049	0.059
SE	2:30 PM	30 min Avg -0.001	30 min Avg 0.006	0.036	0.046
ESE	3:00 PM	30 min Avg 0.013	30 min Avg 0.012	0.048	0.058

Notes:

All readings in mg/m3

Action Levels for wind with a non-northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage: NONE

Action Levels for wind with a northerly component (Implement July 11 through July 25, 2011):

Action level = upwind concentration + 0.019 mg/m3

Stop Work Level = upwind concentration + 0.024 mg/m3