

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 03-04-12**

Date: 2/27/2012 Technician: Carl Jones

Prevailing Wind Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work
ENE	6:00 AM	30 min Avg	0	0.035	0.045
ENE	6:30 AM	30 min Avg	0	0.035	0.045
ENE	7:00 AM	30 min Avg	0.016	0.051	0.061
ENE	7:30 AM	30 min Avg	0.001	0.036	0.046
ENE	8:00 AM	30 min Avg	0.01	0.045	0.055
ENE	8:30 AM	30 min Avg	0.008	0.043	0.053
ENE	9:00 AM	30 min Avg	0.006	0.041	0.051
ENE	9:30 AM	30 min Avg	0.005	0.040	0.050
ENE	10:00 AM	30 min Avg	0.008	0.043	0.053
ENE	10:30 AM	30 min Avg	0.011	0.046	0.056
ENE	11:00 AM	30 min Avg	0.008	0.043	0.053
ENE	11:30 AM	30 min Avg	0	0.035	0.045
ENE	12:00 PM	30 min Avg	0.005	0.040	0.050
ENE	12:30 PM	30 min Avg	0	0.035	0.045
ENE	1:00 PM	30 min Avg	0.015	0.050	0.060
ENE	1:30 PM	30 min Avg	0.019	0.054	0.064
ENE	2:00 PM	30 min Avg	0.009	0.044	0.054
ENE	2:30 PM	30 min Avg	0.015	0.050	0.060
ENE	3:00 PM	30 min Avg	0.027	0.062	0.072
ENE	3:30 PM	30 min Avg	0.009	0.044	0.054
ENE	4:00 PM	30 min Avg	0.015	0.050	0.060
ENE	4:30 PM	30 min Avg	0.026	0.061	0.071
ENE	5:00 PM	30 min Avg	0.011	0.046	0.056
ENE	5:30 PM	30 min Avg	0.023	0.058	0.068
	6:00 PM	30 min Avg			

E-BAM locations (Upwind) NW- west of building 14 (Downwind) SW- south of building 3

Action Levels

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage:

Notes:

All readings in mg/m3

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 03-04-12**

Date: 2/28/2012 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	30 min Avg	0	0.035	0.045
SE	6:30 AM	30 min Avg	0.004	30 min Avg	0.02	0.039	0.049
SE	7:00 AM	30 min Avg	0.014	30 min Avg	0.006	0.049	0.059
SE	7:30 AM	30 min Avg	0	30 min Avg	0.013	0.035	0.045
SE	8:00 AM	30 min Avg	0	30 min Avg	0.008	0.035	0.045
SSE	8:30 AM	30 min Avg	0.01	30 min Avg	0	0.045	0.055
SSE	9:00 AM	30 min Avg	0.006	30 min Avg	0.006	0.041	0.051
SSE	9:30 AM	30 min Avg	0.001	30 min Avg	0.011	0.036	0.046
SSE	10:00 AM	30 min Avg	0.003	30 min Avg	0.007	0.038	0.048
SSE	10:30 AM	30 min Avg	0.002	30 min Avg	0.005	0.037	0.047
SSE	11:00 AM	30 min Avg	0.015	30 min Avg	0	0.050	0.060
SSE	11:30 AM	30 min Avg	0.002	30 min Avg	0.013	0.037	0.047
SSE	12:00 PM	30 min Avg	0.033	30 min Avg	0.034	0.068	0.078
SSE	12:30 PM	30 min Avg	0	30 min Avg	0	0.035	0.045
SSE	1:00 PM	30 min Avg	0.01	30 min Avg	0.019	0.045	0.055
SSE	1:30 PM	30 min Avg	0.024	30 min Avg	0.019	0.059	0.069
SSE	2:00 PM	30 min Avg	0.014	30 min Avg	0.013	0.049	0.059
SSE	2:30 PM	30 min Avg	0.008	30 min Avg	0.021	0.043	0.053
SSE	3:00 PM	30 min Avg	0.016	30 min Avg	0.016	0.051	0.061
SSE	3:30 PM	30 min Avg	0.006	30 min Avg	0.012	0.041	0.051
SSE	4:00 PM	30 min Avg	0.016	30 min Avg	0.008	0.051	0.061
SSE	4:30 PM	30 min Avg	0.013	30 min Avg	0	0.048	0.058
SSE	5:00 PM	30 min Avg	0	30 min Avg	0	0.035	0.045
SSE	5:30 PM	30 min Avg	0	30 min Avg	0	0.035	0.045

E-BAM locations (Upwind) SW- south of building 3 (Downwind) NW- west of building 14

Action Levels

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage:

Notes:

All readings in mg/m3

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 03-04-12**

Date: 2/29/2012 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	0.035	0.045
SSE	6:30 AM	30 min Avg	0.011	0.046	0.056
SSE	7:00 AM	30 min Avg	0.012	0.047	0.057
SSE	7:30 AM	30 min Avg	0.016	0.051	0.061
SSE	8:00 AM	30 min Avg	0.016	0.051	0.061
S	8:30 AM	30 min Avg	0.011	0.046	0.056
SSE	9:00 AM	30 min Avg	0.012	0.047	0.057
SSE	9:30 AM	30 min Avg	0.061	0.096	0.106
S	10:00 AM	30 min Avg	0.011	0.046	0.056
SSE	10:30 AM	30 min Avg	0.008	0.043	0.053
SSE	11:00 AM	30 min Avg	0.003	0.038	0.048
ESE	11:30 AM	30 min Avg	0.014	0.049	0.059
ESE	12:00 PM	30 min Avg	0.036	0.071	0.081
ESE	12:30 PM	30 min Avg	0.014	0.049	0.059
ESE	1:00 PM	30 min Avg	0.006	0.041	0.051
SE	1:30 PM	30 min Avg	0.023	0.058	0.068
SE	2:00 PM	30 min Avg	0.01	0.045	0.055
SE	2:30 PM	30 min Avg	0.02	0.055	0.065
SE	3:00 PM	30 min Avg	0.013	0.048	0.058
SE	3:30 PM	30 min Avg	0.024	0.059	0.069
SE	4:00 PM	30 min Avg	0.023	0.058	0.068
ESE	4:30 PM	30 min Avg	0.013	0.048	0.058
ESE	5:00 PM	30 min Avg	0.028	0.063	0.073
ESE	5:30 PM	30 min Avg	0.025	0.060	0.070
	6:00PM	30 min Avg			

E-BAM locations (Upwind) SW- south of building 3 (Downwind) NW- west of building 14

Action Levels

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage:

Notes:

All readings in mg/m³

Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are considered accurate.

**Former ASARCO-Encycle Demolition
Particulate Monitoring Summary
Week Ending 03-04-12**

Date: 3/1/2012 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	30 min Avg	0	0.035	0.045
SSE	6:30 AM	30 min Avg	0.014	30 min Avg	0.023	0.049	0.059
SSE	7:00 AM	30 min Avg	0.018	30 min Avg	0.025	0.053	0.063
SSE	7:30 AM	30 min Avg	0.011	30 min Avg	0.02	0.046	0.056
S	8:00 AM	30 min Avg	0.011	30 min Avg	0.014	0.046	0.056
S	8:30 AM	30 min Avg	0.015	30 min Avg	0.011	0.050	0.060
S	9:00 AM	30 min Avg	0.041	30 min Avg	0.021	0.076	0.086
S	9:30 AM	30 min Avg	0.031	30 min Avg	0.059	0.066	0.076
S	10:00 AM	30 min Avg	0.018	30 min Avg	0.004	0.053	0.063
S	10:30 AM	30 min Avg	0.013	30 min Avg	0.013	0.048	0.058
S	11:00 AM	30 min Avg	0.004	30 min Avg	0.017	0.039	0.049
S	11:30 AM	30 min Avg	0.008	30 min Avg	0.016	0.043	0.053
SSE	12:00 PM	30 min Avg	0.009	30 min Avg	0.014	0.044	0.054
SSE	12:30 PM	30 min Avg	0.015	30 min Avg	0.011	0.050	0.060
SSE	1:00 PM	30 min Avg	0.025	30 min Avg	0.007	0.060	0.070
SSE	1:30 PM	30 min Avg	0.008	30 min Avg	0.011	0.043	0.053
SSE	2:00 PM	30 min Avg	0.011	30 min Avg	0.01	0.046	0.056
SSE	2:30 PM	30 min Avg	0.014	30 min Avg	0.016	0.049	0.059
S	3:00 PM	30 min Avg	0.016	30 min Avg	0.022	0.051	0.061
SSE	3:30 PM	30 min Avg	0.018	30 min Avg	0.018	0.053	0.063
SSE	4:00 PM	30 min Avg	0.009	30 min Avg	0.006	0.044	0.054
SSE	4:30 PM	30 min Avg	0.023	30 min Avg	0.018	0.058	0.068
SSE	5:00 PM	30 min Avg	0	30 min Avg	0	0.035	0.045
SSE	5:30 PM	30 min Avg	0	30 min Avg	0	0.035	0.045
	6:00 PM	30 min Avg		30 min Avg		0.035	0.045

E-BAM locations (Upwind) SW- south of building 3 (Downwind) NW- west of building 14

Action Levels

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage:

Notes:

All readings in mg/m3

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 03-04-12**

Date: 3/2/2012 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	30 min Avg	0	0.035	0.045
SSE	6:30 AM	30 min Avg	0.005	30 min Avg	0.023	0.040	0.050
SSE	7:00 AM	30 min Avg	0.009	30 min Avg	0.009	0.044	0.054
SSE	7:30 AM	30 min Avg	0.007	30 min Avg	0.005	0.042	0.052
SSE	8:00 AM	30 min Avg	0.004	30 min Avg	0.012	0.039	0.049
S	8:30 AM	30 min Avg	0.001	30 min Avg	0.014	0.036	0.046
S	9:00 AM	30 min Avg	0.055	30 min Avg	0.013	0.090	0.100
S	9:30 AM	30 min Avg	0.021	30 min Avg	0.04	0.056	0.066
S	10:00 AM	30 min Avg	0.019	30 min Avg	0.01	0.054	0.064
S	10:30 AM	30 min Avg	0	30 min Avg	0.026	0.035	0.045
S	11:00 AM	30 min Avg	0.023	30 min Avg	0.006	0.058	0.068
S	11:30 AM	30 min Avg	0.008	30 min Avg	0.023	0.043	0.053
SSW	12:00 PM	30 min Avg	0	30 min Avg	0.007	0.035	0.045
SSW	12:30 PM	30 min Avg	0.018	30 min Avg	0.023	0.053	0.063
N	1:00 PM	30 min Avg	0.016	30 min Avg	0.01	0.051	0.061
ENE	1:30 PM	30 min Avg	0.001	30 min Avg	0.031	0.036	0.046
ENE	2:00 PM	30 min Avg	0.021	30 min Avg	0.02	0.056	0.066
E	2:30 PM	30 min Avg	0.016	30 min Avg	0.019	0.051	0.061
E	3:00 PM	30 min Avg	0.025	30 min Avg	0.025	0.060	0.070
ESE	3:30 PM	30 min Avg	0.026	30 min Avg	0.033	0.061	0.071
SE	4:00 PM	30 min Avg	0.033	30 min Avg	0.031	0.068	0.078
SE	4:30 PM	30 min Avg	0.018	30 min Avg	0.021	0.053	0.063
SE	5:00 PM	30 min Avg	0.024	30 min Avg	0.021	0.059	0.069
SE	5:30 PM	30 min Avg	0.019	30 min Avg	0.019	0.054	0.064

E-BAM locations (Upwind) SW- south of building 3 (Downwind) NW- west of building 14

[1:15 (Upwind) NW- west of building 14 (Downwind) SW- south of building 3]

[3:10 (Upwind) SW- south of building 3 (Downwind) NW- west of building 14]

Action Levels

Action level = upwind concentration + 0.035 mg/m3

Stop Work Level = upwind concentration + 0.045 mg/m3

Note time/duration of work stoppage:

Notes:

All readings in mg/m3

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 03-04-12**

Date: 3/3/2012 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	0.035	0.045
	6:30 AM	30 min Avg	30 min Avg	0.035	0.045
	7:00 AM	30 min Avg	30 min Avg	0.035	0.045
	7:30 AM	30 min Avg	30 min Avg	0.035	0.045
	8:00 AM	30 min Avg	30 min Avg	0.035	0.045
	8:30 AM	30 min Avg	30 min Avg	0.035	0.045
	9:00 AM	30 min Avg	30 min Avg	0.035	0.045
	9:30 AM	30 min Avg	30 min Avg	0.035	0.045
	10:00 AM	30 min Avg	30 min Avg	0.035	0.045
	10:30 AM	30 min Avg	30 min Avg	0.035	0.045
	11:00 AM	30 min Avg	30 min Avg	0.035	0.045
	11:30 AM	30 min Avg	30 min Avg	0.035	0.045
	12:00 PM	30 min Avg	30 min Avg	0.035	0.045
	12:30 PM	30 min Avg	30 min Avg	0.035	0.045
	1:00 PM	30 min Avg	30 min Avg	0.035	0.045
	1:30 PM	30 min Avg	30 min Avg	0.035	0.045
	2:00 PM	30 min Avg	30 min Avg	0.035	0.045
	2:30 PM	30 min Avg	30 min Avg	0.035	0.045
	3:00 PM	30 min Avg	30 min Avg	0.035	0.045
	3:30 PM	30 min Avg	30 min Avg	0.035	0.045
	4:00 PM	30 min Avg	30 min Avg	0.035	0.045
	4:30 PM	30 min Avg	30 min Avg	0.035	0.045
	5:00 PM	30 min Avg	30 min Avg	0.035	0.045
	5:30 PM	30 min Avg	30 min Avg	0.035	0.045

E-BAM locations (Upwind)

Action Levels

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage: No work was started due to the forecast of high northerly winds.

Notes:

All readings in mg/m³

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 03-04-12**

Date: 3/4/2012 Technician: Carl Jones

Prevailing Wind

Direction	Time	Unit 2-Upwind Reading	Unit 1-Downwind Reading	Action Level	Stop Work		
SW	6:00 AM	30 min Avg	0.004	30 min Avg	0	0.039	0.049
SW	6:30 AM	30 min Avg	0.027	30 min Avg	0.033	0.062	0.072
SW	7:00 AM	30 min Avg	0.003	30 min Avg	0.011	0.038	0.048
SW	7:30 AM	30 min Avg	0.022	30 min Avg	0.005	0.057	0.067
SW	8:00 AM	30 min Avg	0	30 min Avg	0.006	0.035	0.045
SW	8:30 AM	30 min Avg	0	30 min Avg	0	0.035	0.045
SW	9:00 AM	30 min Avg	0.007	30 min Avg	0.004	0.042	0.052
SW	9:30 AM	30 min Avg	0	30 min Avg	0.009	0.035	0.045
SSW	10:00 AM	30 min Avg	0.006	30 min Avg	0.006	0.041	0.051
SSW	10:30 AM	30 min Avg	0	30 min Avg	0.012	0.035	0.045
SSW	11:00 AM	30 min Avg	0	30 min Avg	0.012	0.035	0.045
SSW	11:30 AM	30 min Avg	0.003	30 min Avg	0.018	0.038	0.048
SSW	12:00 PM	30 min Avg	0.001	30 min Avg	0.002	0.036	0.046
SSW	12:30 PM	30 min Avg	0	30 min Avg	0	0.035	0.045
S	1:00 PM	30 min Avg	0	30 min Avg	0.002	0.035	0.045
S	1:30 PM	30 min Avg	0.002	30 min Avg	0	0.037	0.047
S	2:00 PM	30 min Avg	0	30 min Avg	0.007	0.035	0.045
S	2:30 PM	30 min Avg	0.01	30 min Avg	0	0.045	0.055
S	3:00 PM	30 min Avg	0.002	30 min Avg	0.006	0.037	0.047
SSE	3:30 PM	30 min Avg	0.007	30 min Avg	0	0.042	0.052
SE	4:00 PM	30 min Avg	0	30 min Avg	0.008	0.035	0.045
SE	4:30 PM	30 min Avg	0	30 min Avg	0.015	0.035	0.045
SE	5:00 PM	30 min Avg	0.007	30 min Avg	0.002	0.042	0.052
SE	5:30 PM	30 min Avg	0	30 min Avg	0.01	0.035	0.045
	6:00PM	30 min Avg		30 min Avg		0.035	0.045

E-BAM locations (Upwind) SW- south of building 3 (Downwind) NW- west of building 14

Action Levels

Action level = upwind concentration + 0.035 mg/m³

Stop Work Level = upwind concentration + 0.045 mg/m³

Note time/duration of work stoppage:

Notes:

All readings in mg/m³

Blue text readings are pre-work levels that were collected during the E-Bam instrument warm-up period and are considered accurate.