

Environmental
Resources
Management

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August 10, 2011

Mr. Roberto Puga, Trustee
Texas Custodial Trust
One Pointe Drive, Suite 320
Brea, CA 92821

Project No. 0118148



Subject: July 2011 Dust Monitoring Summary

Dear Mr. Puga:

Environmental Resources Management (ERM) performed dust monitoring activities at the former ASARCO Smelter site in El Paso, Texas during July 2011. Dust data was collected from monitoring locations near the site fence line (Figure 1) when field work with the potential to generate dust was performed on site.

Daily average dust concentrations were below the sentinel value of 43 $\mu\text{g}/\text{m}^3$ for all dust monitoring locations during the month of July. Daily data summary sheets are provided in Table 1. Meteorological data is provided in Attachment 1.

Sincerely,

Environmental Resources Management

A handwritten signature in black ink that reads "Amy J. McDonald". The signature is written in a cursive style with a large, stylized 'M' and 'D'.

Amy McDonald
ERM Asarco Project Team Member

AM/hmh

Attachments

cc: MALCOLM Pirnie Asarco Project Team

Figure

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FIGURE 1
Texas Custodial Trust
Former Asarco Smelter Site
El Paso, Texas

Fence Line Dust Monitoring Locations



For monitoring locations during July 2011.

Tables

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TABLE 1

July Fence Line Dust Monitoring Data Weekly Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Week ending July 2nd					
Date	Monday, June 27, 2011	Tuesday, June 28, 2011	Wednesday, June 29, 2011	Thursday, June 30, 2011	Friday, July 01, 2011
Location					Average Reading (ug/m ³)
South					25
West					17
North West					22
North					22
North East					24
East					21
Calavera					21

Week ending July 9					
Date	Monday, July 04, 2011	Tuesday, July 05, 2011	Wednesday, July 06, 2011	Thursday, July 07, 2011	Friday, July 08, 2011
Location		Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)
South		21	21	23	25
West		18	19	19	21
North West		29	36	21	21
North		23	26	21	21
North East		22	24	24	23
East		18	20	21	21
Calavera		19	20	21	18

Week ending July 16					
Date	Monday, July 11, 2011	Tuesday, July 12, 2011	Wednesday, July 13, 2011	Thursday, July 14, 2011	Friday, July 15, 2011
Location	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)
South	12	15	19	11	7
West	12	16	16	11	9
North West	12	16	25	10	7
North	12	15	17	9	7
North East	13	15	17	10	7
East	11	17	13	11	7
Calavera	9	12	14	8	5

Week ending July 23					
Date	Monday, July 18, 2011	Tuesday, July 19, 2011	Wednesday, July 20, 2011	Thursday, July 21, 2011	Friday, July 22, 2011
Location	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)
South	14	13	11	9	11
West	15	13	10	12	12
North West	20	27	12	10	12
North	14	14	11	9	13
North East	13	14	11	10	14
East	12	13	10	10	13
Calavera	12	12	9	8	10

Week ending July 30					
Date	Monday, July 25, 2011	Tuesday, July 26, 2011	Wednesday, July 27, 2011	Thursday, July 28, 2011	Friday, July 29, 2011
Location	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)	Average Reading (ug/m ³)
South	14	9	10	12	18
West	15	11	13	13	19
North West	31	9	10	25	29
North	16	9	10	15	23
North East	16	12	10	13	20
East	13	9	10	12	18
Calavera	13	8	9	10	19

NOTES:

1. Readings indicate PM₁₀ dust based on direct read monitoring from TSI DustTrack II equipment.
2. Gray cell indicates that a dust monitor was not stationed at that location.
3. Blue cell indicates that the meter malfunctioned at that location.

Meteorological Summary Graphs
Attachment 1

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