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January 14, 2015

Mr. Roberto Puga, P.G., Trustee
ASARCO Texas Custodial Trust
c/o Project Navigator, Ltd.
One Pointe Drive, Suite 320
Brea, CA 92821

Subject: December 2014 Site-Wide Dust Monitoring Summary

Dear Mr. Puga:

Malcolm Pirnie, Inc. (Malcolm Pirnie) performed dust monitoring activities at the Former ASARCO Smelter site in El Paso, Texas during the month of December 2014. When activities during the month of December with the potential to generate dust were conducted on site, dust data was collected from monitoring locations near the site fence line, around the arroyo and Category I landfill and near La Calavera. Remedial activities for the Fines Pile near the north property perimeter ended the first week of December and the east borrow source remedial activity resumed the second week of December. The three dust monitors (MP-11, MP-12 and MP-13) have been re-positioned around the perimeter of the east borrow source for the month of December.

The following attachments are included with this letter:

- Attachment A: Routine Dust Monitoring Figure
- Attachment B: Wind Rose Plot
- Attachment C: Tables
- Attachment D: Dust Concentration Graphs

Dust monitor locations are shown in Attachment A, Figure 1. An onsite meteorological station was used to assess wind speed and direction. A Wind Rose Plot summarizing the wind data for the month is provided in Attachment B. Dust Concentration graphs for the calendar year are provided in Attachment D.

DUST MONITORING ACTIVITY

Dust monitoring activities were conducted in accordance with the perimeter dust monitoring plan, with the following exceptions.

On December 1st the MP-8 monitor located on the East location was sent to the manufacturer for repairs and calibration due to zero error readings and the MP-12 monitor was temporarily positioned in the East location. The MP-11 monitor formerly positioned in the Fines Pile NW was decommissioned for the month of December. Beginning December 4th MP-11 and MP-13

positioned on the perimeter of the fines pile were repositioned on the east borrow source perimeter to monitor remedial activity commencing December 8th. The MP-2 monitor located at the Arroyo South location had a read error on December 13th. It was cleaned and calibrated and fully functional on December 15th. On December 15th the MP-1 monitor located on the Arroyo West location had a read error and was cleaned and calibrated the same day and fully operational the following day. On December 16th the MP-6 monitor located on the North location reported a reading error and was demobilized for cleaning and calibration for the remainder of the month. On December 20th all remedial activity ended for the December holiday season and all dust monitors were demobilized until January 5, 2015 when remedial activities resume. Accordingly, as presented in Attachment C, Table 2 readings for the MP-1 (Arroyo West), MP-2 (Arroyo South), MP-6 (North), MP-8 (East), MP-11 (Fines Pile SE), MP-12 (Fines Pile NW) and MP-13 (Fines Pile NE) are represented by 'ND' for 'not deployed' for the dates the monitors were not functioning properly or decommissioned.

ROUTINE DUST MONITORING DATA RESULTS & SUMMARY

A summary of the December elevated dust data is provided in Attachment C, Table 1, and the December daily average dust concentration data is provided in Attachment C, Table 2. Days where no construction activities were present are colored grey in Attachment C, Table 2. Also provided in Attachment C is the rolling 12-month dust observation summaries organized by location.

Daily average dust concentrations were at or below the site-specific sentinel value of 43 µg/m^3 at all dust monitoring locations during the month of December with the following exceptions:

December 2nd – The daily average dust concentration for the West monitor was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southeast with a maximum wind gust speed of 13 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 3rd – The daily average dust concentration for the East monitor was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the south with a maximum wind gust speed of 15 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using

the upwind (South, Fines Pile SE, Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Arroyo West, La Calavera, Arroyo North, Fines Pile NE (downwind) location resulted in the actual average dust generated on site to be 10 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 4th – The daily average dust concentration for the Arroyo West, Northeast, Northwest, East, and West monitors was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 6th – The daily average dust concentration for the Arroyo North monitor was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 26 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo South and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 10th – The daily average dust concentration for the Arroyo West, La Calavera, Northeast, Northwest, South, West, EBS North, and EBS South monitors was greater than the sentinel value.

A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which

is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 11th – The daily average dust concentration for the Arroyo West, Arroyo North, La Calavera, Northeast, Northwest, East, South, West, EBS South, and EBS North monitors was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 12th – The daily average dust concentration for the Arroyo West, Northeast, East, West, and EBS South monitors was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

December 20th – The daily average dust concentration for the Northeast, East, and West monitors was greater than the sentinel value.

Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northwest with a maximum wind gust speed of 22 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West, Northwest, and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the East (downwind) location resulted in the actual average dust generated on site to be 13 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

The real time dust concentrations will continue to be monitored during work activities.

Very truly yours,

MALCOLM PIRNIE, INC.

Michael R Berry, P.E.
Principal Mechanical Engineer

Project 6835001
Attachments
cc: Former ASARCO Smelter Project Team

Attachment A

Figures

MP-11*

MP-13*

South

10

East

MP-11
Fines
Pile SE

MP-13
Fines
Pile NE

North
East

Arroyo
South

MP-12
Fines
Pile NW

La Calavera

Arroyo
North

West

North

North
West

Arroyo
West

85

Legend

- Dust Monitoring Locations (Continuous)
- Meteorological Station
- Texas Custodial Trust Property Boundary

* The monitors were demobilized from the Fines Pile Area and positined on the East Property on December 8, 2014.

N

0 250 500 1,000 Feet

SCALE 1"=500'

MALCOLM PIRNIE

401 East Main St.
Suite 401
El Paso, TX 79901

Texas Custodial Trust
El Paso Smelter Site
Air Monitoring Plan

AIR MONITORING NETWORK

DECEMBER 2014

FIGURE 1

Map Document: (S:\GIS_Resources\Standards_Guidelines\MapTemplates\GIS_TEMPLATES_2005\11x17_Landscape.mxt)
7/19/2005 -- 5:27:24 PM

Attachment B

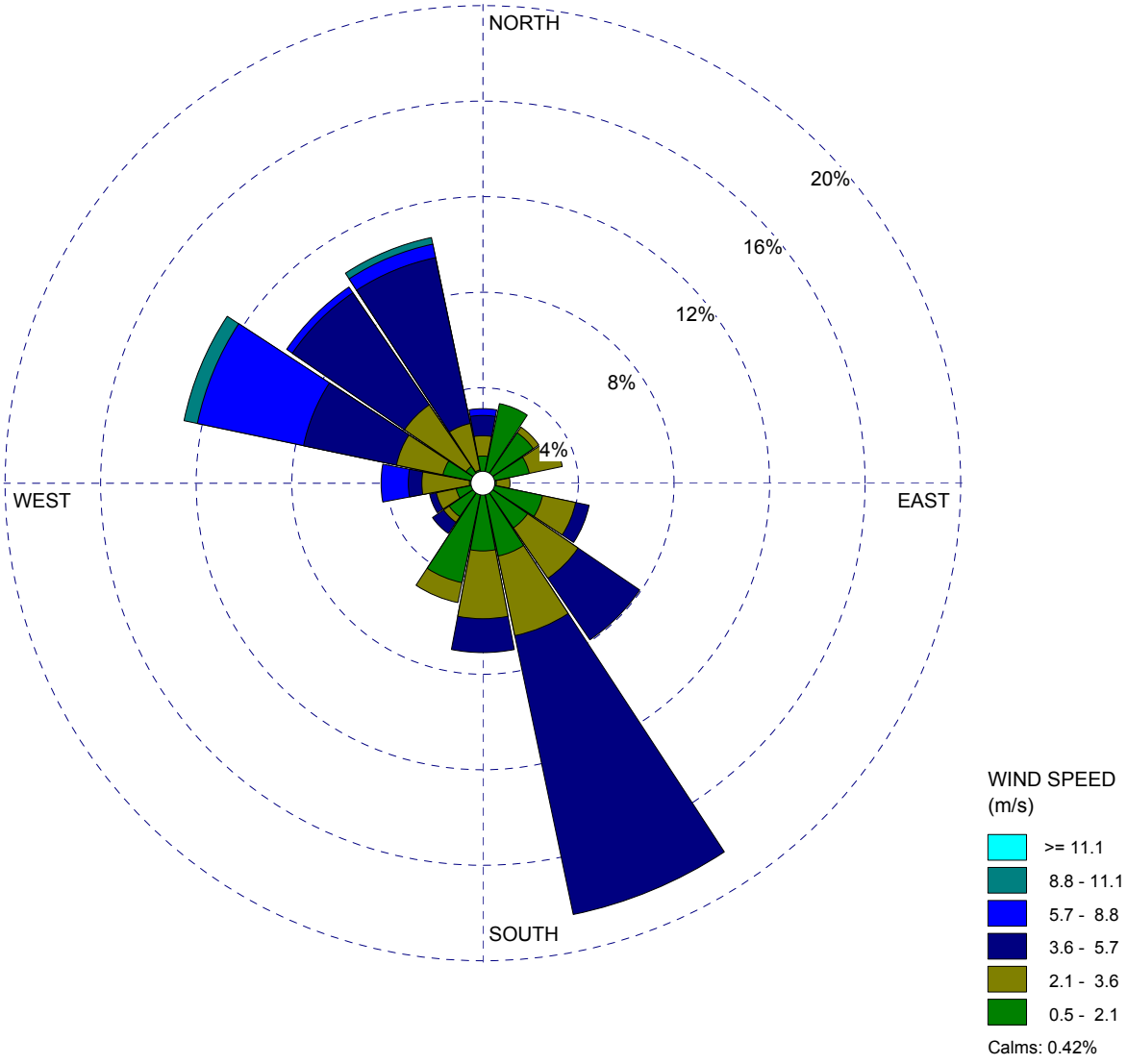
Wind Rose Plots

WIND ROSE PLOT:

Former ASARCO El Paso Smelter
December 2014 Monthly Dust Monitoring Wind Rose Plot

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS: NOTE: Wind data was obtained from onsite meteorological station.	DATA PERIOD: **Start Date: 2014-12-01 - 00:00** **End Date: 2014-12-31 - 00:00**	COMPANY NAME: **ARCADIS US INC (Dba Malcolm Pirnie)**	
		MODELER: **Karina Kenigsberg**	
	CALM WINDS: **0.42%**	TOTAL COUNT: **353 hrs.**	
	AVG. WIND SPEED: **3.35 m/s**	DATE: **2015-01-06**	PROJECT NO.: **06835001.2014**

Attachment C

Tables

TABLE 1

December Elevated Dust Monitor Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Except as noted below, daily average dust readings were below the site-specific internal sentinel value of 43 µg/m^3.

Date	Location	Maximum Average Reading (µg/m^3)	Comments	Action
2014-12-02	West	46	The prevailing wind was from the southeast with a maximum wind gust speed of 13 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.
2014-12-03	East	48	The prevailing wind was from the south with a maximum wind gust speed of 15 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, Fines Pile SE, Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Arroyo West, La Calavera, Arroyo North, Fines Pile NE (downwind) location resulted in the actual average dust generated on site to be 10 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.
2014-12-04	Arroyo West, Northeast, Northwest, East, West	57	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.
2014-12-06	Arroyo North	49	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 26 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo South and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m3 which is below the site-specific sentinel value of 43 µg/m3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.
2014-12-10	Arroyo West, La Calavera, Northeast, Northwest, South, West, EBS North, EBS South	60	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.

TABLE 1

December Elevated Dust Monitor Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Except as noted below, daily average dust readings were below the site-specific internal sentinel value of 43 µg/m^3.

Date	Location	Maximum Average Reading (µg/m^3)	Comments	Action
2014-12-11	Arroyo West, Arroyo North, La Calavera, Northeast, Northwest, East, South, West, EBS North, EBS South	86	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.
2014-12-12	Arroyo West, Northeast, East, West, EBS South	47	The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.
2014-12-20	Northeast, East, West	45	The prevailing wind was from the northwest with a maximum wind gust speed of 22 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West, Northwest, and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the East (downwind) location resulted in the actual average dust generated on site to be 13 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.	Dust suppression was implemented during working hours to manage onsite dust generation.

TABLE 2

December Daily Average Dust Monitoring Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Week ending December 6th						
Date	Monday, December 01, 2014	Tuesday, December 02, 2014	Wednesday, December 03, 2014	Thursday, December 04, 2014	Friday, December 05, 2014	Saturday, December 06, 2014
Location	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)
Arroyo West	34	40	33	52	19	24
Arroyo South	9	14	11	10	10	4
Arroyo North	22	25	23	41	12	49
La Calavera	19	32	27	19	17	10
Northeast	34	40	35	53	22	11
North	16	17	21	36	14	5
Northwest	30	34	26	48	17	10
East	ND	ND	48	54	22	13
South	27	37	32	37	22	9
West	37	46	40	57	25	11
Fines Pile SE	24	35	26	ND	ND	ND
Fines Pile NW	ND	ND	ND	ND	ND	ND
Fines Pile NE	26	36	29	ND	ND	ND
Week ending December 13th						
Date	Monday, December 08, 2014	Tuesday, December 09, 2014	Wednesday, December 10, 2014	Thursday, December 11, 2014	Friday, December 12, 2014	Saturday, December 13, 2014
Location	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)
Arroyo West	11	21	54	70	44	2
Arroyo South	6	8	21	29	9	ND
Arroyo North	ND	19	38	49	32	2
La Calavera	10	18	49	58	30	2
Northeast	16	21	55	74	44	3
North	9	13	35	42	26	3
Northwest	14	19	50	67	39	3
East	9	20	41	86	46	3
South	18	15	45	61	36	3
West	23	21	60	80	46	3
East Borrow Source (EBS) North	11	18	45	68	42	29
Fines Pile NW	ND	ND	ND	ND	ND	ND
EBS South	14	20	51	72	47	6
Week ending December 20th						
Date	Monday, December 15, 2014	Tuesday, December 16, 2014	Wednesday, December 17, 2014	Thursday, December 18, 2014	Friday, December 19, 2014	Saturday, December 20, 2014
Location	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)
Arroyo West	ND	6	8	6	14	30
Arroyo South	15	6	5	4	7	18
Arroyo North	17	5	7	5	14	21
La Calavera	30	7	5	5	18	17
Northeast	19	30	19	8	22	44
North	14	3	ND	ND	ND	ND
Northwest	24	16	9	6	20	37
East	32	18	11	8	30	45
South	28	13	10	8	28	39
West	37	20	11	9	34	45
EBS	31	15	13	8	ND	ND
Fines Pile NW	ND	ND	ND	ND	ND	ND
EBS South	32	16	12	11	ND	ND
Week ending December 27th						
Date	Monday, December 22, 2014	Tuesday, December 23, 2014	Wednesday, December 24, 2014	Thursday, December 25, 2014	Friday, December 26, 2014	Saturday, December 27, 2014
Location	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)
Arroyo West						
Arroyo South						
Arroyo North						
La Calavera						
Northeast						
North						
Northwest						
East						
South						
West						
EBS						
Fines Pile NW						
EBS South						
Week ending January 3rd						
Date	Monday, December 29, 2014	Tuesday, December 30, 2014	Wednesday, December 31, 2014	Thursday, January 01, 2015	Friday, January 02, 2015	Saturday, January 03, 2015
Location	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)	Average Reading ($\mu g/m^3$)
Arroyo West						
Arroyo South						
Arroyo North						
La Calavera						
Northeast						
North						
Northwest						
East						
South						
West						
EBS						
Fines Pile NW						
EBS South						

NOTES:

1. Readings indicate PM_{10} dust based on direct read monitoring from TSI DustTrak II equipment.
2. Gray cell indicates that dust monitoring was not conducted that day because there were no remediation activities that day.
3. ND indicates that monitor was not deployed as detailed in the report.
4. Readings with 'Malfunction' listed were taken down for servicing and therefore no data was reported.

Dust Monitor Summary
South Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-22	South	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	South	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	South	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	South	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	South	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
South Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-10	South	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-11	South	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2013-12-10	West	Dust suppression was implemented during working hours to manage onsite dust generation. Wind gusts were recorded up to 23 mph with an average wind speed at 10 mph prevailing from the north. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, Arroyo North, La Calavera and North West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the East, West and South (downwind) locations resulted in the actual average dust generated on site to be 27 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2013-12-14	West	Atmospheric inversions trap particulate matter in the air over the mountain basin in which El Paso is located. Stagnant air accumulates during the fall and winter months and inversions form most frequently in December, December, and January when there are long nights and short days. Since there is minimal moisture in the El Paso desert atmosphere during this time of year, strong nighttime cooling occurs under the clear skies. The air near the surface of the earth cools more rapidly than the air above, and forms a nighttime inversion which traps particulate matter. During the morning, the strong desert heating begins to break the inversion around noon. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00PM to 11:00PM when the inversion layer formed again. Dust suppression was implemented as necessary during working hours. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.
2014-01-07	West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by 10:00A.M., and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to 11:00P.M. when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-17	West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by 10:00A.M., and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-18	West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 7:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.

Dust Monitor Summary
West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-21	West	Dust suppression was implemented during working hours to manage onsite dust generation. Evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. All monitors reported instantaneous exceedances during the time the inversion layer occurred. The average dust concentration during the working hours was below the sentinel value for all monitors. There were no recorded exceedances in the afternoon until after work hours from approximately 5:00P.M. to midnight when the inversion layer formed. The elevated dust concentration for the day is attributed to area-wide meteorological conditions.
2014-01-22	West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-23	West	Dust suppression was implemented during working hours to manage onsite dust generation. A high wind advisory was for the El Paso Region. Wind gusts were recorded up to 31 mph with an average wind speed at 12 mph prevailing from the east. A background dust evaluation was conducted on the elevated data using the upwind (East, Northeast and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West, Northwest, and Arroyo West (downwind) locations resulted in the actual average dust generated on site to be 29 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-01-29	West	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-03-12	West	Dust suppression was implemented during working hours to manage onsite dust generation. A wind advisory warning was implemented for the El Paso area for March 11th through March 12th. The prevailing wind was from the northeast with a maximum wind gust speed of 31 mph and the average wind speed at 13 mph with widespread dust present in the early morning hours. As previously indicated, the MP-1 and MP-10 monitors recorded half a day's worth of data during this time period and subsequent dust concentrations for this day are not representative daily average dust concentrations. However, a background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 23 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-13	West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. The MP-1 and MP-10 monitors recorded half a day's worth of data during this time period as previously indicated and subsequent dust concentrations for this day are not representative daily average dust concentrations. However, a background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 23 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-04-26	West	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-05-06	West	A wind advisory warning was issued May 6th from the afternoon to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 19 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-05-07	West	A wind advisory warning was issued May 7th from the early morning to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 26 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-06-13	West	The prevailing wind was from the southeast with a maximum wind gust speed of 55 mph and an average wind speed at 43 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, Northeast and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and Northwest and West (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-07-01	West	The prevailing wind was from the southeast with a maximum wind gust speed of 53 mph and an average wind speed at 8 mph. A background dust evaluation was conducted on the elevated data using the upwind (Northeast, East and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West, Arroyo West and Northwest (downwind) locations resulted in the actual average dust generated on site to be 19 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-11-14	West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southeast with a maximum wind gust speed of 16 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East, Fines Pile SE, Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 4 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-11-19	West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southeast with a maximum wind gust speed of 13 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East, Fines Pile SE) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 15 µg/m3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-02	West	The prevailing wind was from the southeast with a maximum wind gust speed of 13 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-04	West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-10	West	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-11	West	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-12	West	The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-20	West	The prevailing wind was from the northwest with a maximum wind gust speed of 22 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West, Northwest, and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the East (downwind) location resulted in the actual average dust generated on site to be 13 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
North West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-22	North West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	North West	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	North West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	North West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	North West	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
North West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-05-07	North West	A wind advisory warning was issued May 7th from the early morning to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 26 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-04	North West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-10	North West	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-11	North West	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
North Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-22	North	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	North	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	North	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	North	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
North East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-18	North East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 7:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-22	North East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-27	North East	Dust suppression was implemented during working hours to manage onsite dust generation. Wind gusts were recorded up to 26 mph with an average wind speed at 7 mph prevailing from the southeast. Furthermore, approximately half a day's worth of data was recorded on these monitors, which partly skews the data and makes it not fully representative of the day's activity. Irrespective of the lack of data, a background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 14 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-01-29	North East	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	North East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
North East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-03-20	North East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	North East	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-05-06	North East	A wind advisory warning was issued May 6th from the afternoon to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 19 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-05-07	North East	A wind advisory warning was issued May 7th from the early morning to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 26 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-11-24	North East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northwest with a maximum wind gust speed of 26 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West, Northwest, and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the South, East, and Fines Pile SE (downwind) location resulted in the actual average dust generated on site to be 4 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
North East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-04	North East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-10	North East	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m3 which is below the site-specific sentinel value of 43 µg/m3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-11	North East	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-12	North East	The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-20	North East	The prevailing wind was from the northwest with a maximum wind gust speed of 22 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West, Northwest, and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the East (downwind) location resulted in the actual average dust generated on site to be 13 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2013-12-04	East	Dust suppression was implemented during working hours to manage onsite dust generation. A high wind advisory was for the El Paso Region. Wind gusts were recorded up to 51 mph with an average wind speed at 23 mph prevailing from the southwest. A background dust evaluation was conducted on the elevated data using the upwind (West, South, and North West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the East, North East, and La Calavera (downwind) locations resulted in the actual average dust generated on site to be 22 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2013-12-09	East	Dust suppression was implemented during working hours to manage onsite dust generation. Wind gusts were recorded up to 33 mph with an average wind speed at 11 mph prevailing from the north northwest. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West and North West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the East, North East and South (downwind) locations resulted in the actual average dust generated on site to be 13 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2013-12-10	East	Dust suppression was implemented during working hours to manage onsite dust generation. Wind gusts were recorded up to 23 mph with an average wind speed at 10 mph prevailing from the north. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, Arroyo North, La Calavera and North West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the East, West and South (downwind) locations resulted in the actual average dust generated on site to be 27 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2013-12-14	East	Atmospheric inversions trap particulate matter in the air over the mountain basin in which El Paso is located. Stagnant air accumulates during the fall and winter months and inversions form most frequently in December, December, and January when there are long nights and short days. Since there is minimal moisture in the El Paso desert atmosphere during this time of year, strong nighttime cooling occurs under the clear skies. The air near the surface of the earth cools more rapidly than the air above, and forms a nighttime inversion which traps particulate matter. During the morning, the strong desert heating begins to break the inversion around noon. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00PM to 11:00PM when the inversion layer formed again. Dust suppression was implemented as necessary during working hours. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.
2013-12-17	East	Dust suppression was implemented during working hours to manage onsite dust generation. An evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer was present after work hours from approximately 6:00PM to 11:00PM and there were no recorded exceedances during working hours. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2013-12-18	East	Dust suppression was implemented during working hours to manage onsite dust generation. An evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer was present after work hours from approximately 6:00PM to 11:00PM and there were no recorded exceedances during working hours. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.
2014-01-07	East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by 10:00A.M., and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to 11:00P.M. when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-11	East	Dust suppression was implemented during working hours to manage onsite dust generation. Late evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. While only one monitor had a daily average dust concentration over the sentinel value, all monitors reported instantaneous exceedances during the time the inversion layer occurred. Furthermore, the average dust concentration during the working hours was below the sentinel value for all monitors. There were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to midnight when the inversion layer formed. The elevated dust concentration for the day is attributed to area-wide meteorological conditions.
2014-01-14	East	Dust suppression was implemented during working hours to manage onsite dust generation. Late evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. While only one monitor had a daily average dust concentration over the sentinel value, all monitors reported instantaneous exceedances during the time the inversion layer occurred. Furthermore, the average dust concentration during the working hours was below the sentinel value for all monitors. There were no recorded exceedances in the afternoon until after work hours from approximately 6:00PM to midnight when the inversion layer formed. The elevated dust concentration for the day is attributed to area-wide meteorological conditions.
2014-01-15	East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. While only one monitor had a daily average dust concentration over the sentinel value, all monitors reported instantaneous exceedances during the time the inversion layer occurred. The inversion layer dissipated by noon and the average dust concentration during the working hours was below the sentinel value for all monitors. The elevated dust concentration for the day is attributed to area-wide meteorological conditions.
2014-01-16	East	Dust suppression was implemented during working hours to manage onsite dust generation. Late evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. While only one monitor had a daily average dust concentration over the sentinel value, all monitors reported instantaneous exceedances during the time the inversion layer occurred. Furthermore, the average dust concentration during the working hours was below the sentinel value for all monitors. There were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to midnight when the inversion layer formed. The elevated dust concentration for the day is attributed to area-wide meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-17	East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by 10:00A.M., and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-18	East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 7:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-21	East	Dust suppression was implemented during working hours to manage onsite dust generation. Evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. All monitors reported instantaneous exceedances during the time the inversion layer occurred. The average dust concentration during the working hours was below the sentinel value for all monitors. There were no recorded exceedances in the afternoon until after work hours from approximately 5:00P.M. to midnight when the inversion layer formed. The elevated dust concentration for the day is attributed to area-wide meteorological conditions.
2014-01-22	East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-23	East	Dust suppression was implemented during working hours to manage onsite dust generation. A high wind advisory was for the El Paso Region. Wind gusts were recorded up to 31 mph with an average wind speed at 12 mph prevailing from the east. A background dust evaluation was conducted on the elevated data using the upwind (East, Northeast and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West, Northwest, and Arroyo West (downwind) locations resulted in the actual average dust generated on site to be 29 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-27	East	Dust suppression was implemented during working hours to manage onsite dust generation. Wind gusts were recorded up to 26 mph with an average wind speed at 7 mph prevailing from the southeast. Furthermore, approximately half a day's worth of data was recorded on these monitors, which partly skews the data and makes it not fully representative of the day's activity. Irrespective of the lack of data, a background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 14 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-01-29	East	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-01-30	East	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning the preceding day until the evening on January 30th. Critical fire weather conditions with increasing were present in the El Paso region throughout the day. Wind gusts were recorded up to 38 mph with an average wind speed at 15 mph prevailing from the southwest. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the East, La Calavera and Arroyo West (downwind) locations resulted in the actual average dust generated on site to be 16 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-02-05	East	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by 5:00A.M. and reappeared at around 5:00P.M. where it remained until around 11:00P.M. The prevailing wind was from the east with a maximum wind gust speed of 23 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-02-06	East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 17 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 8 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-02	East	A wind advisory warning was implemented for the El Paso area for April 2nd. The prevailing wind was from the southwest with a maximum wind gust speed of 45 mph and the average wind speed at 22 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 14 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	East	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-05-06	East	A wind advisory warning was issued May 6th from the afternoon to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 19 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-05-07	East	A wind advisory warning was issued May 7th from the early morning to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 26 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-06-13	East	The prevailing wind was from the southeast with a maximum wind gust speed of 55 mph and an average wind speed at 43 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, Northeast and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and Northwest and West (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-03	East	The prevailing wind was from the south with a maximum wind gust speed of 15 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, Fines Pile SE, Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Arroyo West, La Calavera, Arroyo North, Fines Pile NE (downwind) location resulted in the actual average dust generated on site to be 10 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-04	East	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-11	East	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-12	East	The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-20	East	The prevailing wind was from the northwest with a maximum wind gust speed of 22 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo West, West, Northwest, and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the East (downwind) location resulted in the actual average dust generated on site to be 13 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Calavera Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2013-11-12	Calavera	Dust suppression was implemented during working hours to manage onsite dust generation. A high wind advisory was issued by the National Weather Service for the El Paso region. Winds and widespread dust were present between 12:00PM and 5:00PM in the area surrounding the site. High winds prevailed from the northeast. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo North, Arroyo South and Northeast and EBS N) locations. Subtracting the daily average background dust concentration at the upwind locations from the daily average dust concentration for the West and EBS S (downwind) locations resulted in the actual average dust generated on site to be 8 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Most monitors located in the northeastern part of the property had elevated dust readings throughout the day with the La Calavera monitor which is closest to the northeastern property line showing the highest daily average concentration. The elevated dust concentrations for the day are attributed to offsite conditions.
2013-12-14	Calavera	Atmospheric inversions trap particulate matter in the air over the mountain basin in which El Paso is located. Stagnant air accumulates during the fall and winter months and inversions form most frequently in December, December, and January when there are long nights and short days. Since there is minimal moisture in the El Paso desert atmosphere during this time of year, strong nighttime cooling occurs under the clear skies. The air near the surface of the earth cools more rapidly than the air above, and forms a nighttime inversion which traps particulate matter. During the morning, the strong desert heating begins to break the inversion around noon. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00PM to 11:00PM when the inversion layer formed again. Dust suppression was implemented as necessary during working hours. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.
2014-01-22	Calavera	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-23	Calavera	Dust suppression was implemented during working hours to manage onsite dust generation. A high wind advisory was for the El Paso Region. Wind gusts were recorded up to 31 mph with an average wind speed at 12 mph prevailing from the east. A background dust evaluation was conducted on the elevated data using the upwind (East, Northeast and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West, Northwest, and Arroyo West (downwind) locations resulted in the actual average dust generated on site to be 29 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Calavera Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-29	Calavera	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	Calavera	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	Calavera	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	Calavera	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-10	Calavera	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Calavera Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-11	Calavera	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2013-12-14	Arroyo West	Atmospheric inversions trap particulate matter in the air over the mountain basin in which El Paso is located. Stagnant air accumulates during the fall and winter months and inversions form most frequently in December, December, and January when there are long nights and short days. Since there is minimal moisture in the El Paso desert atmosphere during this time of year, strong nighttime cooling occurs under the clear skies. The air near the surface of the earth cools more rapidly than the air above, and forms a nighttime inversion which traps particulate matter. During the morning, the strong desert heating begins to break the inversion around noon. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00PM to 11:00PM when the inversion layer formed again. Dust suppression was implemented as necessary during working hours. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.
2014-01-17	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by 10:00A.M., and there were no recorded exceedances in the afternoon until after work hours from approximately 6:00P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-18	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 7:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-22	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-03-12	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. A wind advisory warning was implemented for the El Paso area for March 11th through March 12th. The prevailing wind was from the northeast with a maximum wind gust speed of 31 mph and the average wind speed at 13 mph with widespread dust present in the early morning hours. As previously indicated, the MP-1 and MP-10 monitors recorded half a day's worth of data during this time period and subsequent dust concentrations for this day are not representative daily average dust concentrations. However, a background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 23 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-13	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. The MP-1 and MP-10 monitors recorded half a day's worth of data during this time period as previously indicated and subsequent dust concentrations for this day are not representative daily average dust concentrations. However, a background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 23 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-04-02	Arroyo West	A wind advisory warning was implemented for the El Paso area for April 2nd. The prevailing wind was from the southwest with a maximum wind gust speed of 45 mph and the average wind speed at 22 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 14 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	Arroyo West	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-05-07	Arroyo West	A wind advisory warning was issued May 7th from the early morning to evening hours. The prevailing wind was from the southwest with a maximum wind gust speed of 63 mph and the average wind speed at 10 mph with widespread dust present beginning in the afternoon and remaining in the area until evening hours. A background dust evaluation was conducted on the elevated data using the upwind (West and South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West and East (downwind) locations resulted in the actual average dust generated on site to be 26 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-04	Arroyo West	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 24 mph and the average wind speed at 6 mph. A background dust evaluation was conducted on the elevated data using the upwind (South and Arroyo West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the Northeast and East (downwind) location resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-10	Arroyo West	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo West Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-11	Arroyo West	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-12	Arroyo West	The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo South Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-04-26	Arroyo South	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo North Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-22	Arroyo North	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	Arroyo North	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	Arroyo North	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	Arroyo North	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-11-08	Arroyo North	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 29 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Fines Pile NE, and Fines Pile SE) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo North (downwind) location resulted in the actual average dust generated on site to be 39 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Arroyo North Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-06	Arroyo North	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 26 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo South and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 11 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-11	Arroyo North	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Borrow Source North Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-22	EBS N	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	EBS N	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	EBS N	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	EBS N	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	EBS N	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Borrow Source North Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-10	EBS N	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-11	EBS N	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Borrow Source South Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2013-11-26	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer was present in the early morning hours and dissipated by noon and there were no recorded exceedances until after work hours from approximately 6:00PM to 11:00PM when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area wide meteorological conditions.
2014-01-18	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 7:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-22	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-27	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. Wind gusts were recorded up to 26 mph with an average wind speed at 7 mph prevailing from the southeast. Furthermore, approximately half a day's worth of data was recorded on these monitors, which partly skews the data and makes it not fully representative of the day's activity. Irrespective of the lack of data, a background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 14 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-01-29	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Borrow Source South Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-03-19	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	EBS S	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-02	EBS S	A wind advisory warning was implemented for the El Paso area for April 2nd. The prevailing wind was from the southwest with a maximum wind gust speed of 45 mph and the average wind speed at 22 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 14 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-04-26	EBS S	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-10-22	Fines Pile NW	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the north with a maximum wind gust speed of 10 mph and the average wind speed at 8 mph. A background dust evaluation was conducted on the elevated data using the upwind (Arroyo South, Arroyo North, La Calavera, Northwest and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the South (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Furthermore the EBS N monitor is upwind from the EBS S and EBS E monitors and when taking the background concentration would result in a negative value which indicates that the elevated dust concentration from the EBS N monitor is indicative of offsite conditions and not attributed to onsite activities. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
East Borrow Source South Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-12-10	EBS S	A high wind advisory was issued for the El Paso regional area. Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with a maximum wind gust speed of 11 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 11 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-11	EBS S	The prevailing wind was from the northeast with a maximum wind gust speed of 10 mph and the average wind speed at 3 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS South, Northeast, East and La Calavera) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West (downwind) location resulted in the actual average dust generated on site to be 12 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.
2014-12-12	EBS S	The prevailing wind was from the southeast with a maximum wind gust speed of 15 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East and Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration at the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

Dust Monitor Summary
Fines Pile NE (Formerly East Borrow Source East) Elevated Data Summary

Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

Date	Location	Comments
2014-01-22	EBS E	Dust suppression was implemented during working hours to manage onsite dust generation. Early morning and evening meteorological inversion layer conditions contributed to the high daily average dust concentration exceedance. The average dust concentration during the working hours was below the sentinel value. The inversion layer dissipated by noon and there were no recorded exceedances in the afternoon until after work hours from approximately 5:00 P.M. to midnight when the inversion layer formed again. The elevated dust concentrations for the day are attributed to area-wide meteorological conditions.
2014-01-29	EBS E	Dust suppression was implemented during working hours to manage onsite dust generation. The National Weather Service issued a Fire Weather Watch beginning in the evening until the following day. Critical fire weather conditions with increasing were present in the El Paso region in the evening. Wind gusts were recorded up to 13 mph with an average wind speed at 7 mph prevailing from the south southeast. A background dust evaluation was conducted on the elevated data using the upwind (South, EBS E and Arroyo South) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Northwest, Arroyo West, Arroyo North, La Calavera and EBS N (downwind) locations resulted in the actual average dust generated on site to be 21 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-19	EBS E	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the northeast with an average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (La Calavera, Arroyo South, Arroyo North and EBS E) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, West, Northwest and EBS S (downwind) locations resulted in the actual average dust generated on site to be 34 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-20	EBS E	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southwest with a maximum wind gust speed of 18 mph and the average wind speed at 4 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, West and Northwest) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the La Calavera and East (downwind) locations resulted in the actual average dust generated on site to be 9 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-03-22	EBS E	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the west with a maximum wind gust speed of 34 mph and the average wind speed at 9 mph. A background dust evaluation was conducted on the elevated data using the upwind (EBS S, Northwest and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the EBS E and East (downwind) locations resulted in the actual average dust generated on site to be 16 $\mu g/m^3$ which is below the site-specific sentinel value of 43 $\mu g/m^3$. The elevated dust concentrations for the day are attributed to meteorological conditions.

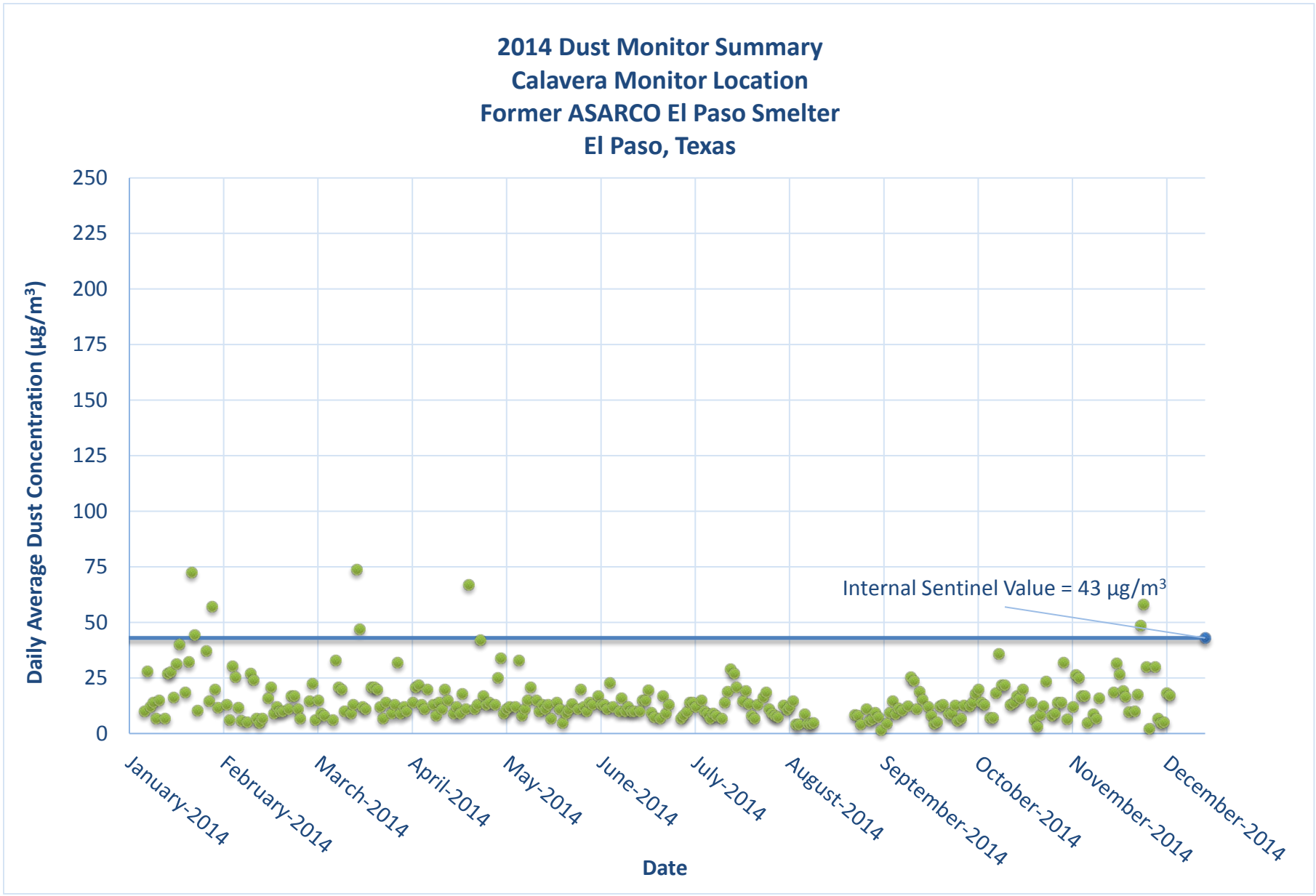
Dust Monitor Summary
Fines Pile NE (Formerly East Borrow Source East) Elevated Data Summary

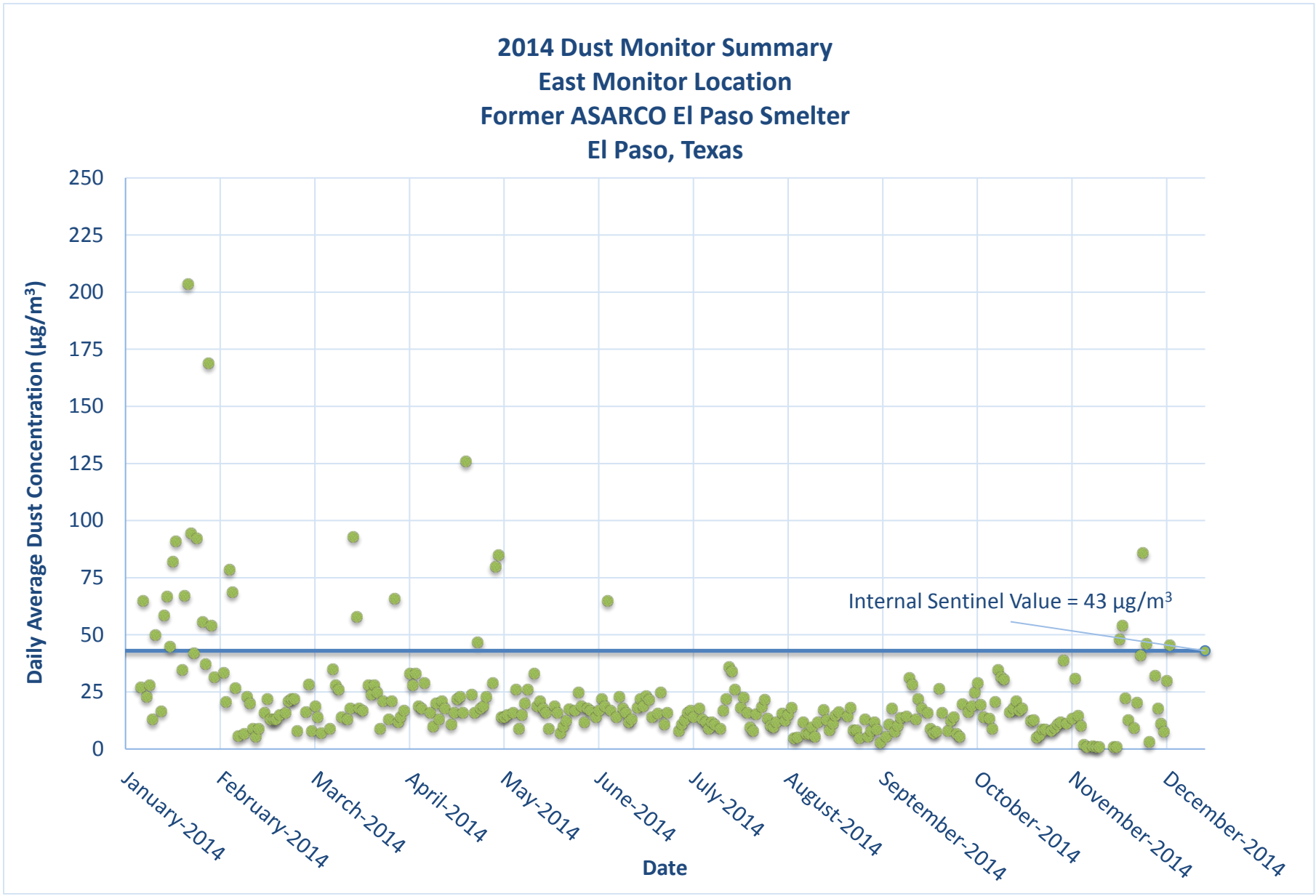
Texas Custodial Trust
Former Asarco Smelter
El Paso, Texas

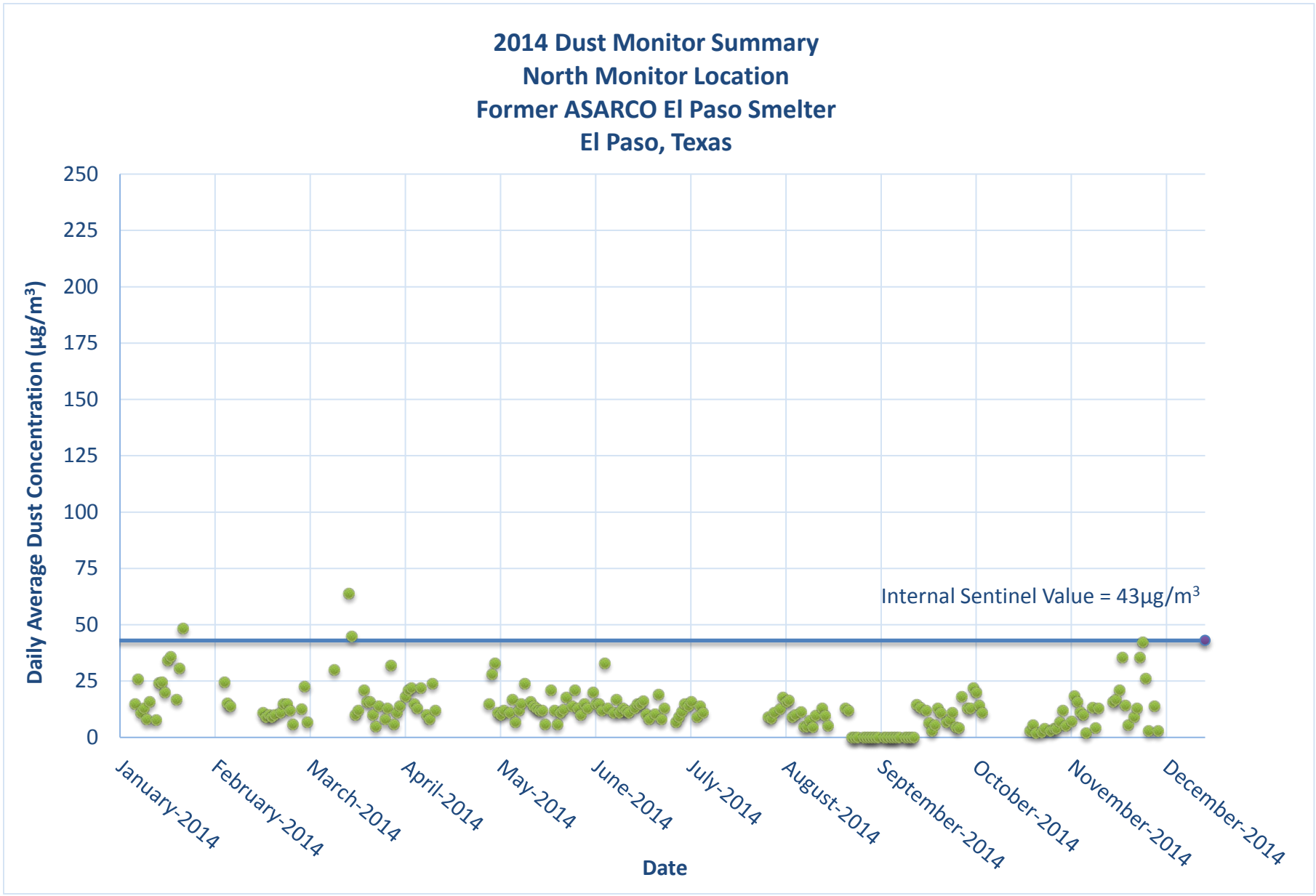
Date	Location	Comments
2014-04-26	EBS E	A wind advisory warning was implemented for the El Paso area for April 25th and 26th. The prevailing wind was from the southwest with a maximum wind gust speed of 55 mph and the average wind speed at 23 mph with widespread dust present beginning in the afternoon and remaining in the area until late evening hours. A background dust evaluation was conducted on the elevated data using the upwind (South and West) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the Arroyo West, East and EBS S (downwind) locations resulted in the actual average dust generated on site to be 5 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. The elevated dust concentrations for the day are attributed to meteorological conditions.
2014-11-14	Fines Pile NE	Dust suppression was implemented during working hours to manage onsite dust generation. The prevailing wind was from the southeast with a maximum wind gust speed of 16 mph and the average wind speed at 5 mph. A background dust evaluation was conducted on the elevated data using the upwind (South, East, Fines Pile SE, Northeast) locations. Subtracting the daily average background dust concentration at the upwind location from the daily average dust concentration for the West and Arroyo West (downwind) location resulted in the actual average dust generated on site to be 4 µg/m^3 which is below the site-specific sentinel value of 43 µg/m^3. Therefore, the elevated dust concentrations for the day are attributed to meteorological conditions.

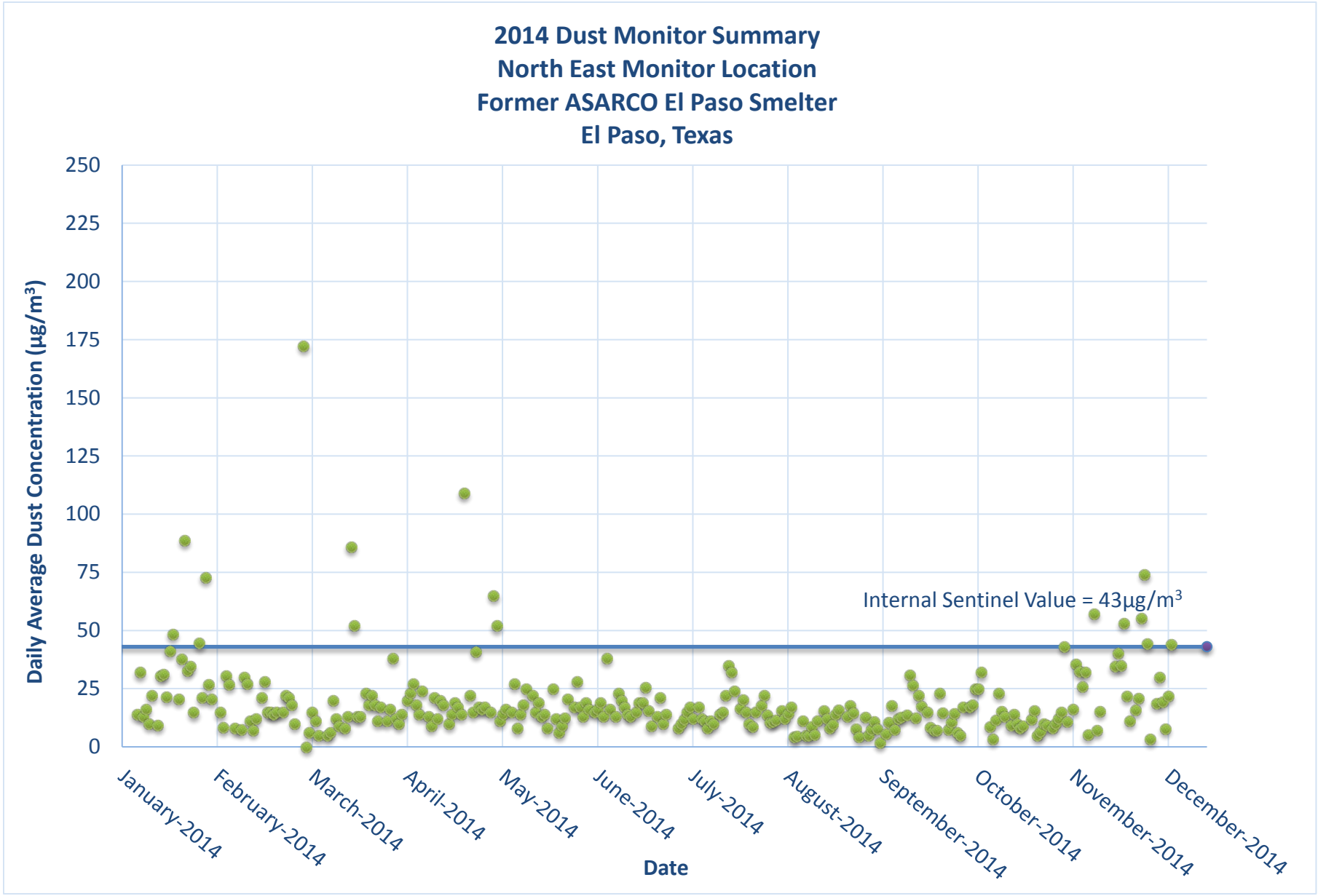
Attachment D

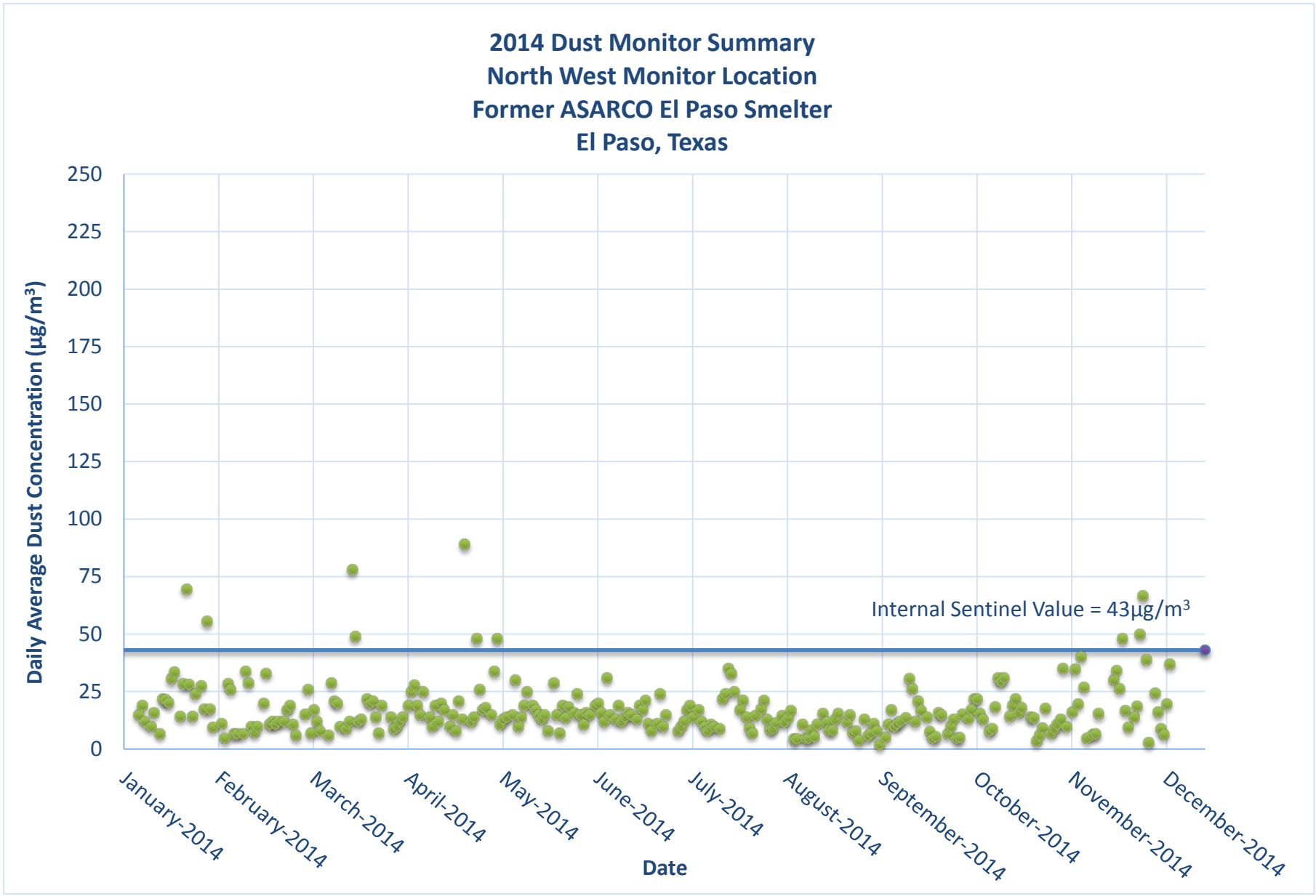
Dust Concentration Graphs

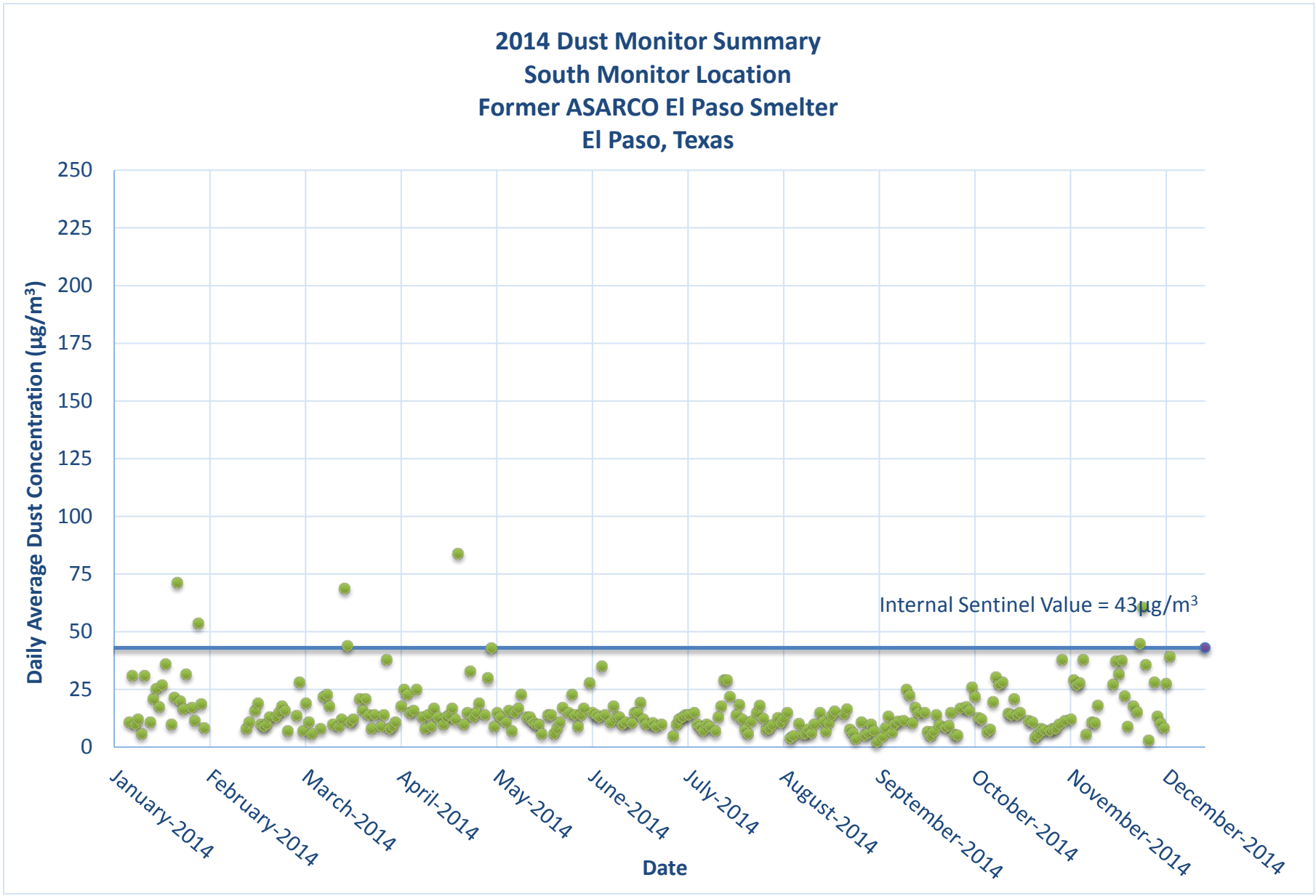

2014 Dust Monitor Summary
Calavera Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43 µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

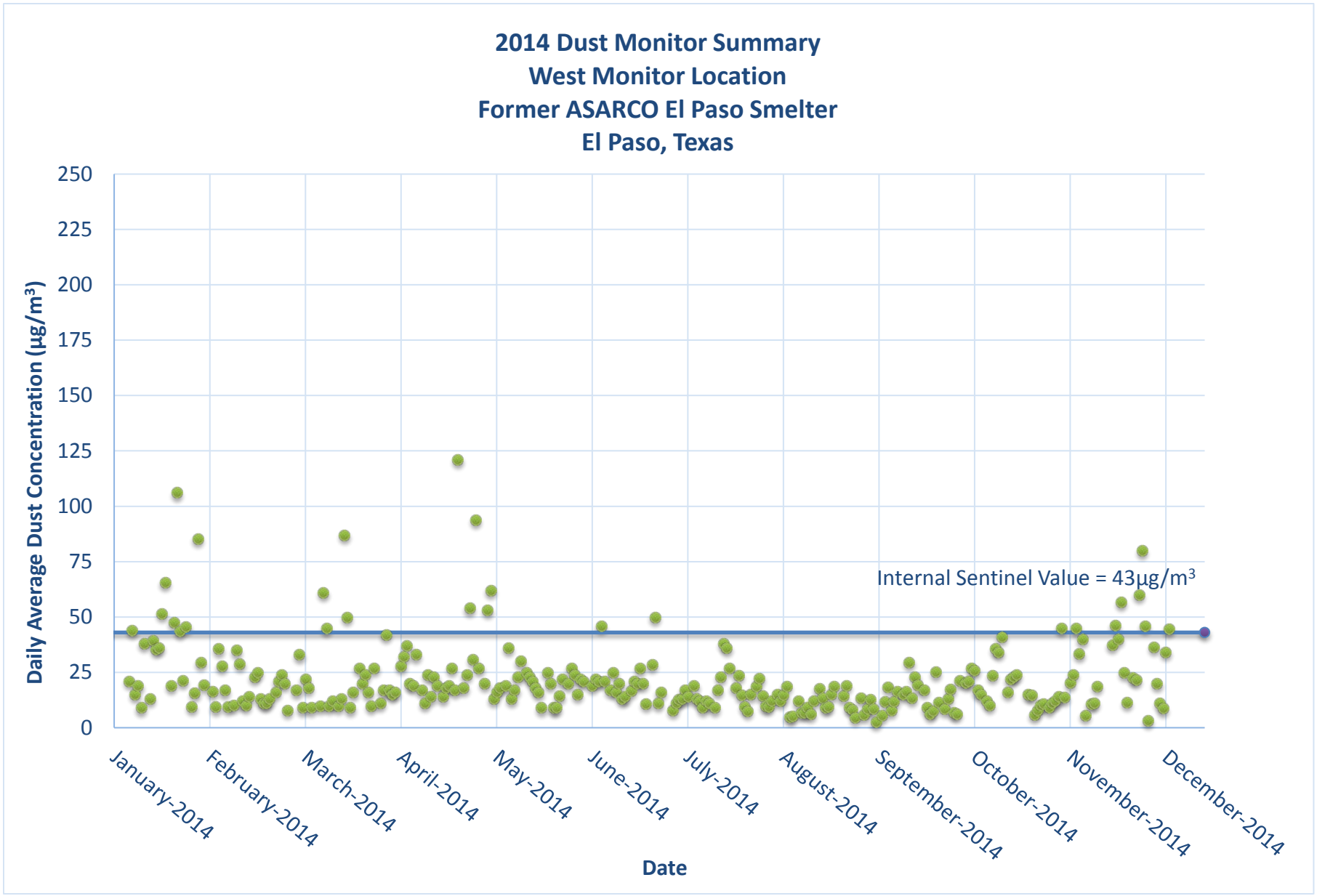

2014 Dust Monitor Summary
East Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43 µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

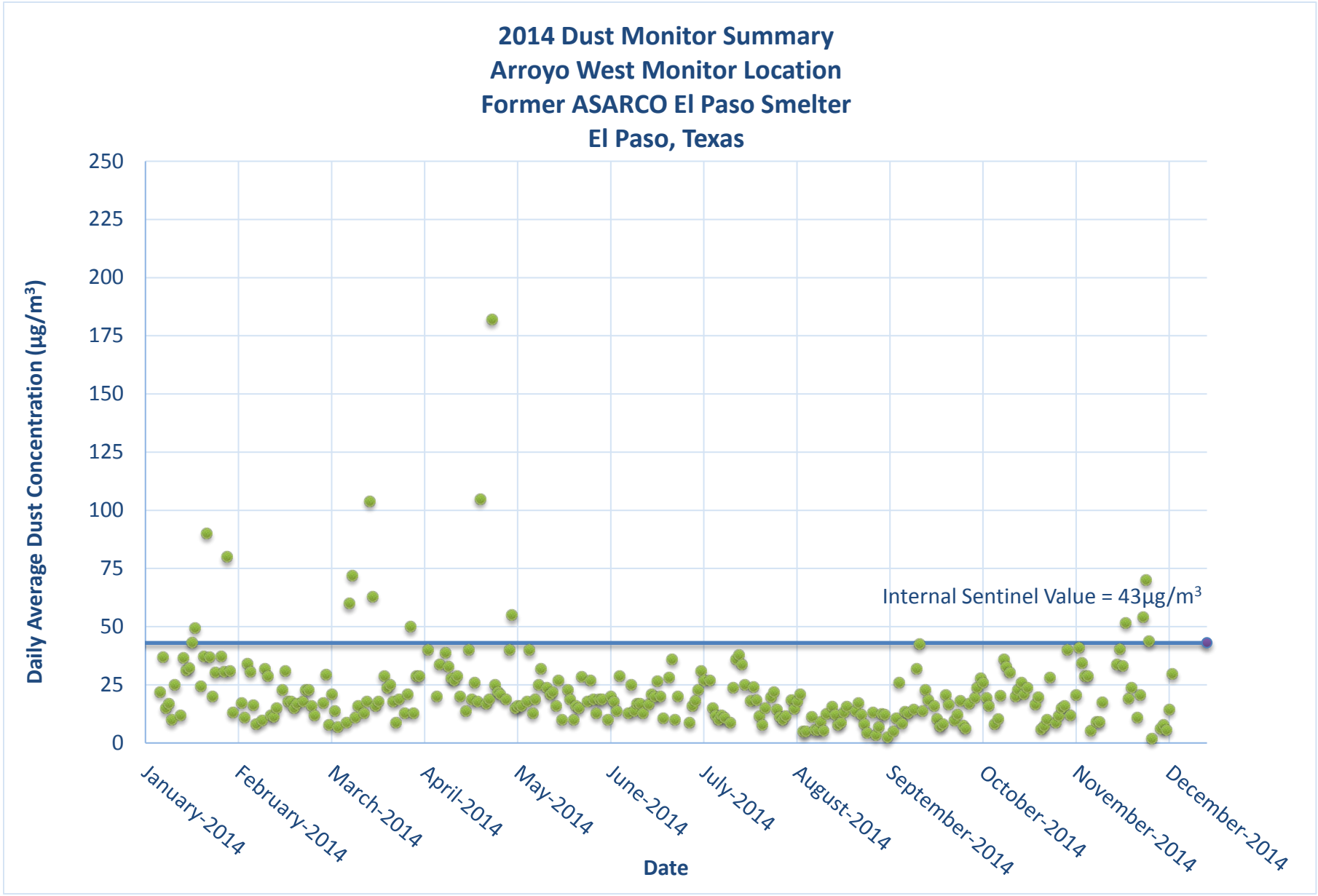

2014 Dust Monitor Summary
North Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

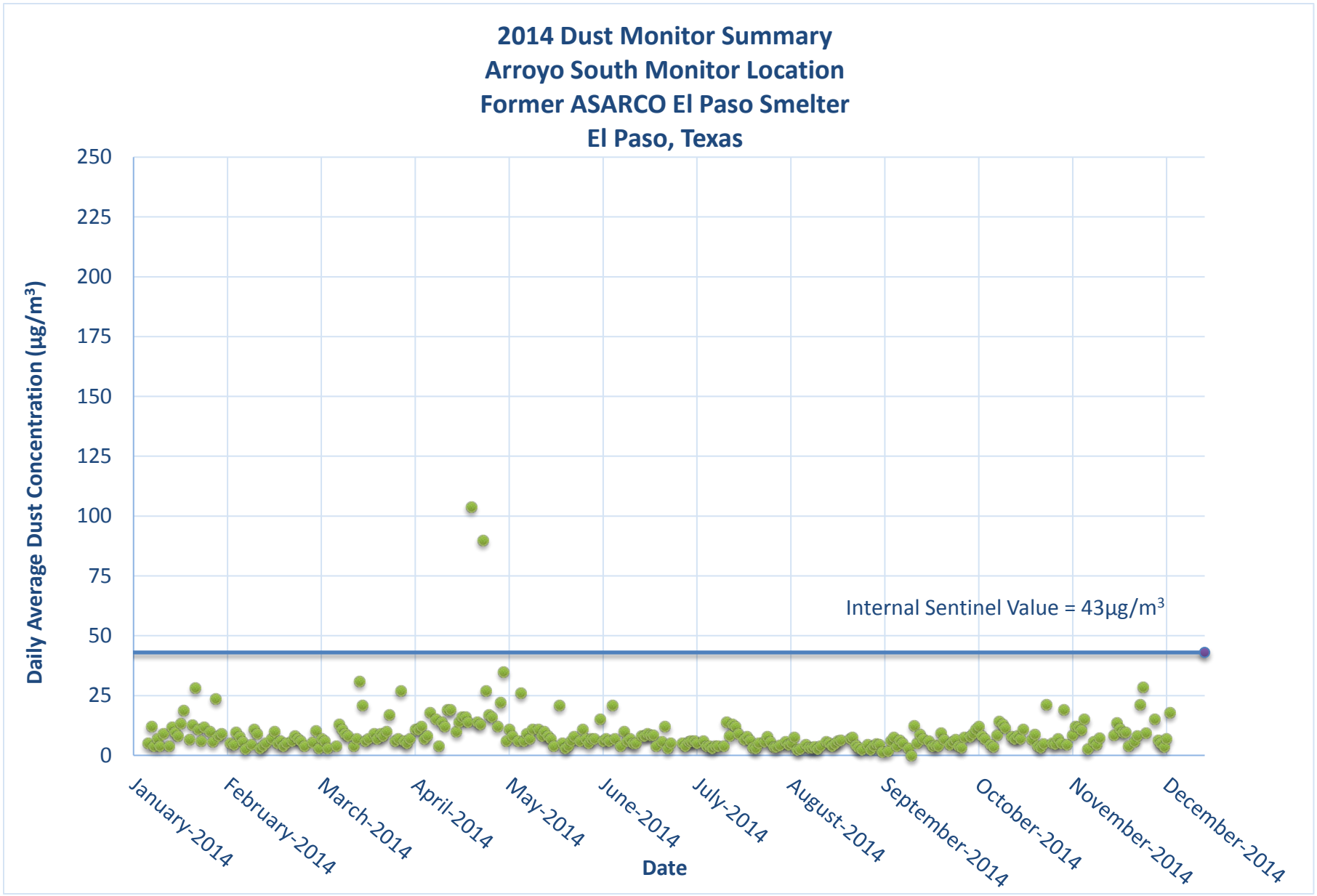

2014 Dust Monitor Summary
North East Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

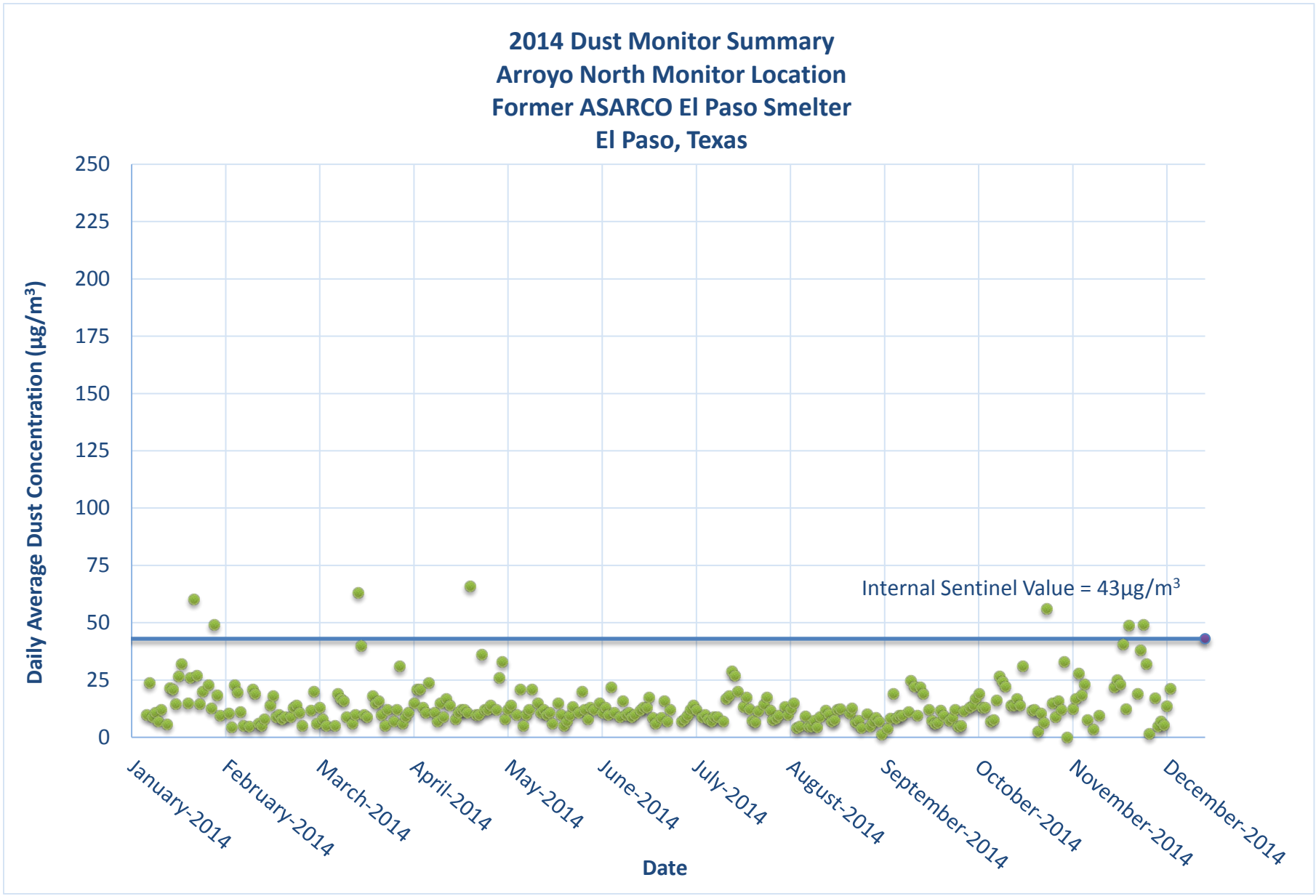

2014 Dust Monitor Summary
North West Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

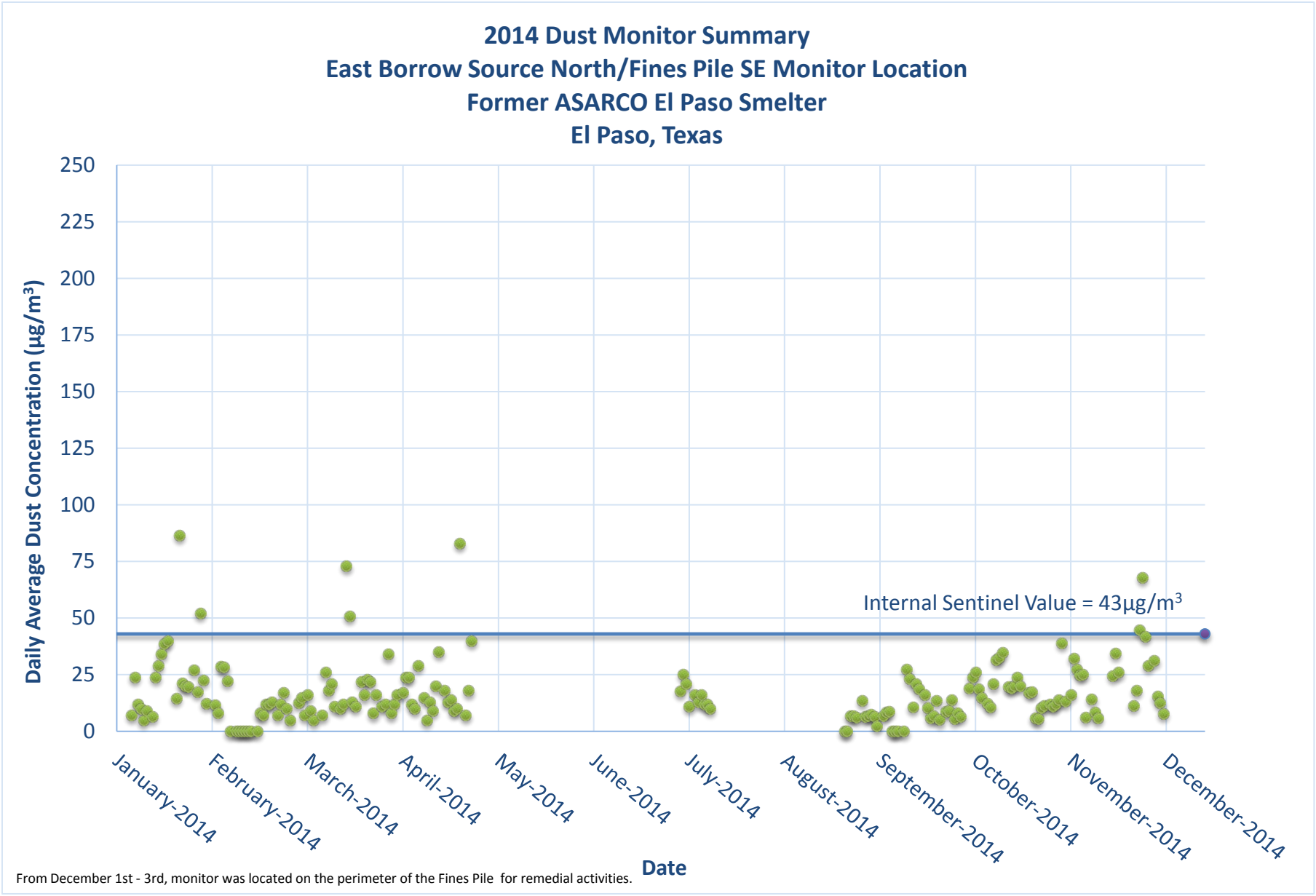

2014 Dust Monitor Summary
South Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date


2014 Dust Monitor Summary
West Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

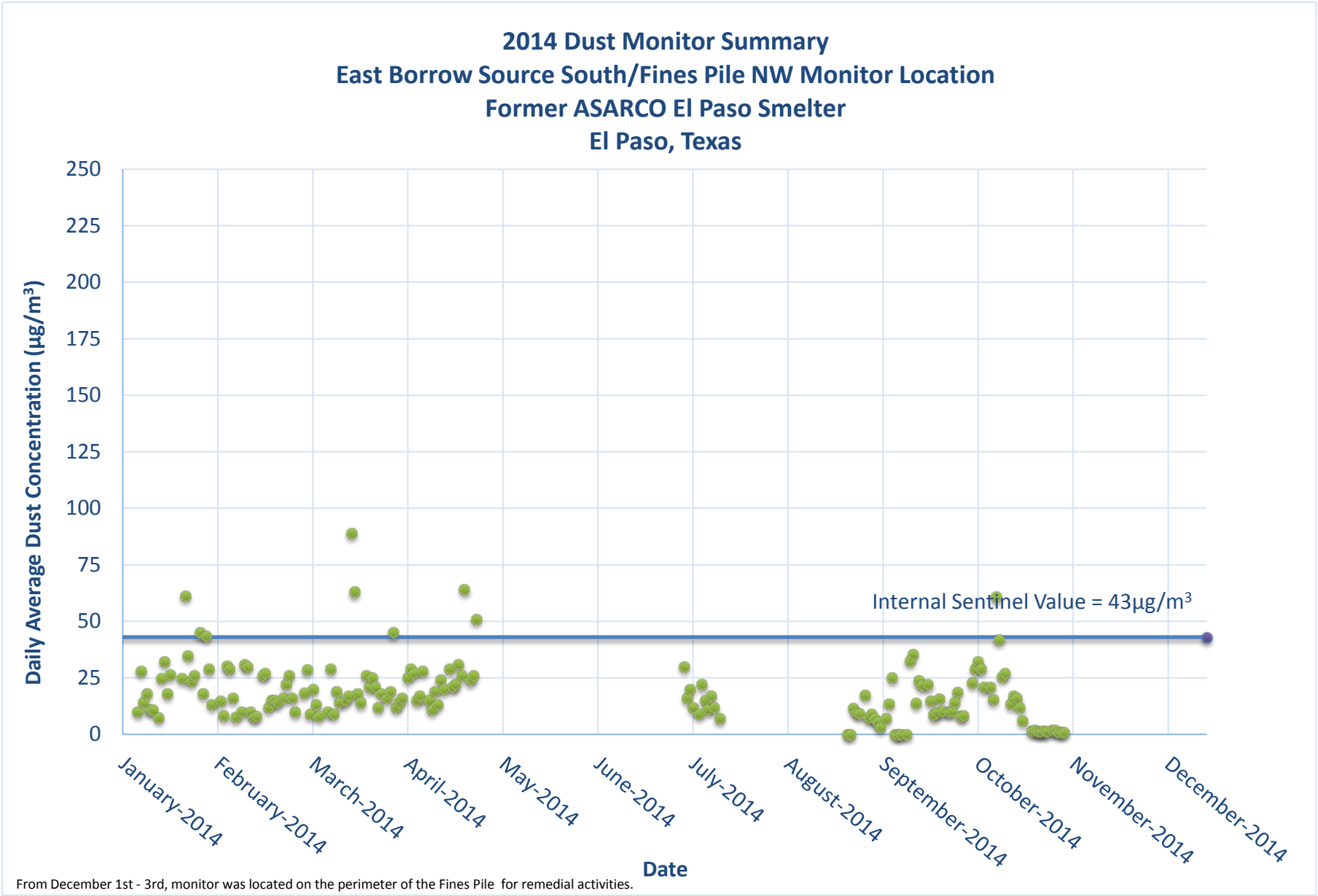

2014 Dust Monitor Summary
Arroyo West Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date


2014 Dust Monitor Summary
Arroyo South Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date

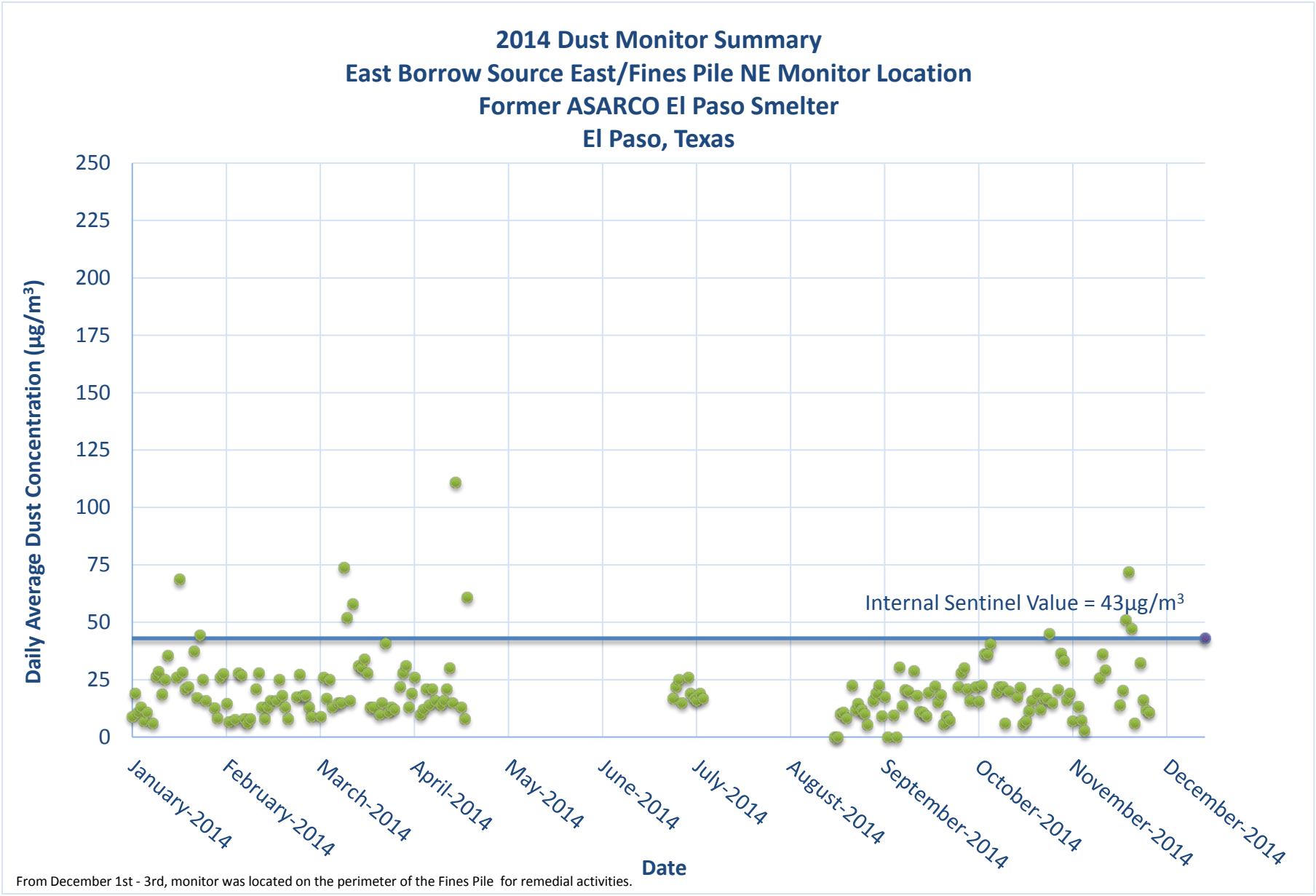

2014 Dust Monitor Summary
Arroyo North Monitor Location
Former ASARCO El Paso Smelter
El Paso, Texas
Daily Average Dust Concentration (µg/m³)
250
225
200
175
150
125
100
75
50
25
0
Internal Sentinel Value = 43µg/m³
January-2014
February-2014
March-2014
April-2014
May-2014
June-2014
July-2014
August-2014
September-2014
October-2014
November-2014
December-2014
Date



From December 1st - 3rd, monitor was located on the perimeter of the Fines Pile for remedial activities.



From December 1st - 3rd, monitor was located on the perimeter of the Fines Pile for remedial activities.



From December 1st - 3rd, monitor was located on the perimeter of the Fines Pile for remedial activities.