

Table 1
Air Monitoring Summary Results
Chimney Demolition, April 13, 2013
Former ASARCO Smelter Site
El Paso, Texas

Former ASARCO Onsite Air Monitoring Location Description	Location ID	Friday, April 12 (noon) to Saturday April 13 (noon)	
		24-Hour Average PM ₁₀ Reading (µg/m ³)	24-Hour Average PM _{2.5} Reading (µg/m ³)
Arroyo West*	MP-1	19	10
Arroyo South*	MP-2	5	2
Arroyo North*	MP-3	7	3
La Calavera	MP-4	6	4
North East*	MP-5	10	5
South West	MP-6	119	65
North West*	MP-7	10	5
East*	MP-8	105	53
South*	MP-9	64	32
West*	MP-10	152	76
EBS North	MP-11	7	5
EBS South*	MP-12	6	2
East Mountain	MP-13	10	7
Smelertown North*	MP-14	18	9
Smelertown West	MP-15	22	11
Smelertown South*	MP-16	8	4
TCEQ Offsite Air Monitoring Stations¹			
UTEP	--	32	9
Tillman	--	nm	nm
Chamizal Park	--	36	13
Womble	--	nm	nm
El Paso Delta	--	nm	nm
Ascarate Park	--	nm	8
Cd Juarez 20 30 Club	--	nm	nm
Ciudad Juarez Offsite Air Monitoring Stations²			
Anapra*	--	23	12
ACS*	--	21	11
Casa de Adobe*	--	24	12
NAAQS 24-hour Standard		150	35

Notes:

µg/m³ = micrograms per cubic meter

'--' = not available

nm = not measured at this location

*PM_{2.5} ratio based on calculated ratio of PM_{2.5}/PM₁₀ (PM₁₀ as represented from DustTrak Model 8530 as total PM with an approximate particle size range from 0.1 µm to 10 µm). PM_{2.5} Ratio determined from 24-hour (12PM to 12PM, April 12-13, 2013) average PM₁₀ from MP-1,2,3,5,7,8,9,10,12,14,16 and 24-hour average PM_{2.5} from MP-4,6,11,13,15. PM_{2.5} is a subset of PM₁₀.

The calculated PM_{2.5}/PM₁₀ Ratio = 0.5026

⁽¹⁾ Data from TCEQ air monitoring network. 24-hour period from 12PM to 12PM, April 12-13, 2013.

⁽²⁾ PM₁₀ data collected from the Ciudad Juarez air monitoring network. 24-hour period April 13 to 14, 2013.