

Attachment A – Decision Matrix
2008 Lead Standard of 0.15 Micrograms Per Cubic Meter ($\mu\text{g}/\text{m}^3$)
 June 11, 2009

COUNTY	MONITOR SITE	EMISSIONS INFORMATION Number of Point Sources in County with emissions ≥ 1 TPY ¹	Pb-TSP Highest Rolling 3 Month Lead Average in $\mu\text{g}/\text{m}^3$ (NAAQS is $0.15 \mu\text{g}/\text{m}^3$) ²				Pb-PM10 Highest Rolling 3 Month Lead Average in $\mu\text{g}/\text{m}^3$ (Comparison value $< 0.075 \mu\text{g}/\text{m}^3$)				EXECUTIVE DIRECTOR RECOMMENDATION Nonattainment?
			1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	
Cameron	480610006 (344 Porter Dr, Brownsville)	0	0.01 Dec 08	0.01 Nov 08	0.01 Oct 08	0.01 Feb 07					No
Collin		1									Yes ³
	480850003 (East side of 5 th Street, Frisco) ⁴		0.39 Jan 06	0.38 Feb 06	0.28 Sep 06	0.28 Oct 06					
	480850007 (6913 Ash Street, Frisco)		0.23 Jan 06	0.17 Jul 08	0.16 May 08	0.16 Aug 08					
	480850009 (N. of Plant, on-site, Frisco) ⁵		1.26 Jul 08	1.19 Jun 08	1.09 May 08	0.97 Aug 08					
Dallas ⁶		0									No
	481130018 (3049 Morrell, Dallas)		0.05 Jan 06	0.04 Jul 06	0.04 Feb 06	0.03 Sep 06					
	481130057 (3004 N. Westmoreland, Dallas)		0.05 Jan 06	0.04 Jul 06	0.04 May 06	0.03 Sep 06					
El Paso ⁷		0									No
	481410002 (222 S. Campbell St, El Paso)		0.05 Mar 07	0.04 Apr 07	0.04 Feb 07	0.04 Jan 07					
	481410033 (301 E Robinson, El Paso)		0.03 Nov 06	0.03 Oct 06	0.02 Jun 07	0.02 May 07					
	481410058 (5050 A Yvette Dr, El Paso)		0.02 Apr 07	0.02 Mar 07	0.02 Oct 06	0.01 Jun 08					
Harris	482011034 ⁸ (1262 1/2 Mae Dr, Houston)	0	0.01 Aug 08	0.01 Jul 08	0.01 Jun 08	0.01 May 08					No
	482011035 ⁹ (9525 1/2 Clinton Dr, Houston)						0.01 Sep 08	0.01 Aug 08	0.01 Jul 08	0.01 Jun 08	
	482011039 (4514 1/2 Durant St, Deer Park) ¹⁰						0.01 Nov 06	0.00 Aug 08	0.00 Jul 08	0.00 Jun 08	
Webb	484790016 (Washington St, Laredo)	0	0.01 Dec 08	0.01 Nov 08	0.01 Oct 08	0.01 Sep 08					No

NOTES

- **Pb-TSP:** Lead in total suspended particles; the indicator for both the 1978 and 2008 lead standards. Pb-TSP specifies the measurement of airborne lead with a high-volume TSP federal reference method sampler.
- **µg/m³:** Micrograms per cubic meter.
- **NAAQS:** National Ambient Air Quality Standard (in this package, often referred to as “lead standard.”)
- **Pb-PM10:** Lead in particulate matter less than or equal to 10 micrometer in diameter. Pb-PM10 data may be used to demonstrate NAAQS violations, but may not be used to determine compliance with the NAAQS. Pb-PM10 data is included here for comparison purposes.

¹ Based on 2007 Emissions Inventory & 2006 Toxics Release Inventory.

² One rolling three-month average exceeding the NAAQS in a three-year period triggers nonattainment. For example, the January 2006 rolling 3-month average (which consists of monthly averages from November 2005-January 2006) at the Collin County Ash Street monitor exceeds the 2008 lead NAAQS. In considering monitoring data from 2006-2008, no additional NAAQS exceedances are necessary (though additional exceedances did occur at this site) to trigger nonattainment.

³ See Attachment B for Nonattainment Area Boundary Analysis.

⁴ Monitor is located on facility property. Values depicted here were monitored while the public could reasonably access the site; however, as of July 1, 2009, this property was fenced and made inaccessible to the public.

⁵ Non-ambient monitor (located on facility property with no public access).

⁶ Based on Nov 2005-March 2007 monitor data. Monitors were discontinued after March 2007 at these sites due to low lead levels.

⁷ Based on Nov 2005-June 2008 monitoring data.

⁸ Based on Nov 2005-Aug 2008 monitoring data.

⁹ Based on Nov 2005-Sept 2008 monitoring data.

¹⁰ Based on Nov 2005-Aug 2008 monitoring data.