

**Texas Commission on Environmental Quality
2010 Annual Ambient Air Monitoring Network Review**



**Texas Commission on Environmental Quality
P.O. Box 13087
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May 2010

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2010 Annual Ambient Air Monitoring Network Review

Introduction

Under 40 Code of Federal Regulations (CFR), Part 58, Subpart B, states are required to submit an annual monitoring network review to the Environmental Protection Agency (EPA) by July 1 of each year. This network review is required to provide the framework for establishment and maintenance of an air quality surveillance system. The annual monitoring network review must be made available for public inspection for at least 30 days prior to submission to EPA. The review, and any comments received during the 30 day inspection period, will then be forwarded to the EPA for final review and approval. The following document presents the current Texas network of ambient air monitors for which there are National Ambient Air Quality Standards (NAAQS), as well as proposed changes to the network from July 1, 2010 through June 30, 2011.

TCEQ is proposing to decommission 13 Fine Particulate Matter (PM_{2.5}) samplers due to budgetary limitations. Appendix A contains a detailed list of the proposed changes to the PM_{2.5} Network. Appendix B contains a listing of ambient air monitoring sites currently operated and maintained by the Texas Commission on Environmental Quality (TCEQ) and local governmental air monitoring programs in El Paso, Houston, Dallas, Fort Worth, and Galveston which have one or more EPA or TCEQ funded NAAQS monitors. The Photochemical Assessment Monitoring Station (PAMS), National Core (NCore), and Speciation Trend Network (STN) networks are also included in Appendix B. The reference to "AQS Site ID" in column 1 represents a unique nine-digit identification number that is assigned to each monitoring site in the state/local program network. AQS stands for Air Quality System and is a national air monitoring database maintained by the EPA. Data collected from monitoring sites are input into the AQS database and made available to the public.

Network Changes

Each of the network changes anticipated in the next year is described below.

Fine Particulate Matter (PM_{2.5})

The TCEQ has experienced increasing operational costs for PM_{2.5} monitoring. To ensure the best use of static funding, TCEQ has examined options for reducing the size of the PM_{2.5} network without losing the most critical data. Based on this analysis, the TCEQ is planning to decommission the following thirteen non-required monitors because of budgetary limitations. Appendix A details the reasons for the changes:

- Amarillo Federal Reference Method (FRM) (483750320);
- Lubbock (Supplemental Speciation) (483030325);
- Fort Worth Northwest (FRM) (484391002);

- Dallas Executive Airport (FRM) (481130087);
- Texarkana (FRM) (480370004);
- Big Bend (Supplemental Speciation) (480430101);
- El Paso Sun Metro (Supplemental Speciation and Tapered Element Oscillating Microbalance (TEOM)) (481410053);
- Odessa Hays (FRM) (481350003);
- Port Arthur Thomas Jefferson High School (Supplemental Speciation) (482450021);
- West Orange (FRM) (483611001);
- Austin Audubon (Supplemental Speciation) (484530020);
- San Antonio Calaveras (FRM) (480290059); and
- Corpus Christi Huisache (FRM) (483550034).

The Five Year Network Assessment and Annual Network Review have led to the following planned additions to the PM2.5 monitoring network:

- In El Paso, add a new neighborhood PM2.5 TEOM site to replace the TEOM and special purpose speciation monitors decommissioned at the Sun Metro site (481410053);
- At the Galveston site (481671034) add a special purpose FRM for selected speciation to support exceptional event analyses; and
- At the Corpus Christi Dona Park site (483550034) add a collocated FRM to meet Quality Control requirements.

Particulate Matter of 10 Microns or Less (PM10)

Through the assessment process and the Annual Network Review, the TCEQ has analyzed the existing PM10 network. At this time, only one change in the network is planned, to add a continuous PM10 monitor at the Clinton Drive site in Houston. This site currently has an existing PM10 high-volume (Hi-vol) sampler that operates on an every-third-day schedule. The existing PM10 Hi-vol is the only PM10 sampler in the Houston Region that operates on an every-third-day schedule, so on half of its sampling days there is no other PM10 data to use as a check on the plausibility of outlier samples for data validation purposes. Currently there are no continuous PM10 monitors in the Houston Region to provide PM10 Air Quality Index information for the public.

Lead Monitor Deployment

Source-oriented Monitoring at Lead Point Sources – The lead monitoring rule (73 Federal Register 77964) currently in place requires a minimum of one source-oriented lead monitoring site near each facility that emits >1.0 ton per year of lead unless the EPA approves a request for a waiver of the requirement. The TCEQ submitted waiver requests for the source-oriented lead monitoring requirement at the Red River Army Depot near Texarkana, the U.S. Army Fort Hood facility near Killeen, and Oxbow Calcining in Port Arthur. These waiver requests are pending with EPA Region 6. The required maximum concentration, source-oriented lead monitor has been installed for the ASARCO plant near Amarillo. The site preparation for the two required monitors near the Exide plant at Frisco will be completed this summer. The samplers will be

relocated to the new sites no later than August 31, 2010. Efforts are continuing to obtain access to a maximum concentration site for the ECS Refining plant at Terrell.

Lead Monitoring Sites in Urban Areas - The current rule for lead monitoring requires deployment of population-based lead monitoring sites in Austin-Round Rock, San Antonio, McAllen-Edinburg-Mission, and Dallas-Fort Worth-Arlington Core Based Statistical Areas (CBSA). The sites are required to be in operation by January 1, 2011. The changes in the lead monitoring requirements proposed December 30, 2009, would replace the CBSA-based requirement with a requirement to operate one lead monitor at each NCore monitoring site (74 FR 69050). As stated on page eight of 74 Federal Register 69050, the EPA is advising monitoring agencies to not site or install non-source-oriented monitors until after this reconsideration is complete and the final revisions are promulgated. Because of this hold in work to deploy the CBSA-based lead monitors, their deployment by January 1, 2011 will not be feasible should the CBSA-based requirement be retained in the final rule.

Repurposing of the CO, SO₂, TEOM, Air Toxics Canister, and Meteorological Monitors Currently Located at Sun Metro in El Paso

The Sun Metro site (481410053) does not represent exposure to a neighborhood or the general public. The data from the site have not been useful for characterizing pollution in neighborhoods in the El Paso area; the monitors could be more beneficial for monitoring public exposure in neighborhoods and in areas in which new monitoring rules will require NO₂, SO₂, and CO monitoring. The TCEQ is considering moving the monitors to a location that will better represent public exposure and the data will be considered comparable to the NAAQS. It may take more than one year to relocate the monitors moved from the current Sun Metro site.

Relocation of Laredo Site

The site owner has requested that TCEQ relocate the air monitoring site located on the Laredo Community College campus (484790016). The College plans to expand into the current site location. The TCEQ is proposing to relocate this monitoring station during the calendar year 2010.

Status of Changes Proposed in the 2009 Annual Network Review

- Killeen (480271047) - New ozone monitoring station operational on June 6, 2009.
- Brownsville-Harlingen-San Benito - Due to a change in the date that the July 16, 2009 ozone rule was finalized, a second ozone monitor will not be required until January 1, 2012.
- Laredo (484790017) – The relocation of the CO monitor from this station to the World Trade Bridge (484790313) site has been delayed due to building alterations needed to complete the site preparation. The TCEQ anticipates that this relocation will be completed by the end of calendar year 2010.

- Beaumont (482450020) – The relocation of this site has been delayed by the difficulty of obtaining a representative site that meets 40 CFR Part 58 siting requirements. A new site location has been approved, but there have been problems with the site preparations. TCEQ plans to complete the relocation to Mary Street (482451050) by the end of calendar year 2010.
- Denton (481210034) – The relocation of this site was completed on December 17, 2009.
- La Porte (482011043) – The relocation of the Radar Profiler to Waterworks (482010241) has been delayed by nonstandard requests from the City of Houston. The TCEQ has come to an agreement with the City of Houston on a modified site preparation. The TCEQ anticipates the relocation of this site to be completed by the end of calendar year 2010.
- Navarro County (483491051) – Ozone, NO₂, SO₂, continuous PM_{2.5}, and standard meteorological monitors were deployed and operational at Corsicana Airport on June 17, 2009.
- El Paso (481410059) – The City of El Paso will relocate this site to Van Buren (481410693) upon approval from EPA.
- NCore Monitoring Network – All required monitors have been deployed at the three designated sites; Dallas Hinton (481130069); El Paso Chamizal (481410044); and Houston Deer Park (482011039) except for the PM-Coarse monitors. TCEQ anticipates that the PM-Coarse monitors will be operational by the required date of January 1, 2011.

Instructions for Comments

Any comments pertaining to this document should be sent to the following contact:

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Appendix A
Summary of PM2.5 Changes

Appendix A

Summary of PM2.5 Changes

Site	Instrument	Action	Design Values	98 th Percentile	Reason and Comments
PM2.5 Federal Reference Method (FRM), Supplemental Speciation, and TEOM Monitors					
Amarillo (483750320)	PM2.5 FRM	Decommission	6.0 µg/m ³	14.5 µg/m ³	An excess FRM monitor where there appears to be little chance of a PM2.5 NAAQS violation. A TEOM will stay at the site.
Lubbock (483030325)	Supplemental Speciation	Decommission	8.5 µg/m ³	16.8 µg/m ³	An excess FRM monitor where there appears to be little chance of a PM2.5 NAAQS violation. A TEOM will stay at the site for AQI reporting.
Fort Worth Northwest (484391002)	PM2.5 FRM	Decommission	10.3 µg/m ³	23.1 µg/m ³	An excess FRM monitor where there appears to be little chance of a PM2.5 NAAQS violation. A TEOM will stay at the site.
Dallas Executive Airport (481130087)	PM2.5 FRM	Decommission	9.9 µg/m ³	27.9 µg/m ³	But for one outlier of 37.8 µg/m ³ the 98 th Percentile would be 21.9 µg/m ³ . This is an excess FRM monitor where there appears to be little chance of a PM2.5 NAAQS violation.
Texarkana (480370004)	PM2.5 FRM	Decommission	11.3 µg/m ³	24.1 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. The site is ill-sited to assess interstate transport because of both communities on either side of the border. The Karnack site is better suited for this purpose.
Big Bend (480430101)	Supplemental Speciation	Decommission	5.5 µg/m ³	14.5 µg/m ³	An excess speciation monitor with little chance of violating a PM2.5 NAAQS. Instrument has been operating long enough to establish reliability with federal IMPROVE monitor at the same site. A PM2.5 TEOM will remain at this site.
El Paso Sun Metro (481410053)	Supplemental Speciation and TEOM	Decommission the Supplemental Speciation; relocate the TEOM	NA	NA	This site is not representative of public exposure and therefore not useful for regulatory decisions. The TEOM instrument will be moved to a nearby neighborhood for population exposure and AQI.

Site	Instrument	Action	Design Values	98 th Percentile	Reason and Comments
Odessa Hays (481350003)	PM2.5 FRM	Decommission	8.1 µg/m ³	17.5 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. The TEOM will stay in place for AQI reporting.
Port Arthur Jefferson HS (482450021)	Supplemental Speciation	Decommission	11.0 µg/m ³	26.1 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. The TEOM will stay in place for AQI reporting.
West Orange (483611001)	PM2.5 FRM	Decommission	10.2 µg/m ³	23.8 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. Also not well suited for an interstate transport site because of surrounding community. Mauriceville is better for interstate transport.
Austin Audubon (484530020)	Supplemental Speciation	Decommission	9.1 µg/m ³	22.7 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. The TEOM will stay in place for AQI reporting.
San Antonio Calaveras (480290059)	PM2.5 FRM	Decommission	8.8 µg/m ³	20.3 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. The TEOM will stay in place for AQI reporting.
Corpus Christi Huisache (483550034)	PM2.5 FRM	Decommission	10.5 µg/m ³	24.5 µg/m ³	An excess FRM where there is little chance of violating a PM2.5 NAAQS. A supplemental speciation and PM2.5 FRM will be left in place to protect public health.
PM2.5 FRM and Special Purpose Monitor Additions					
El Paso	PM2.5 TEOM	Deploy	NA	NA	Add a new, population-oriented neighborhood site to replace the Sun Metro TEOM.
Galveston Airport (481671034)	Special Purpose FRM and selected speciation	Deploy; Operate from April through August each year.	NA	NA	Will provide evidence of exceptional events involving intercontinental transport of dust from Northern Africa and international transport of smoke from southern Mexico and Central America.
Corpus Christi Dona Park (483550034)	PM2.5 FRM Collocated	Deploy	NA	NA	A collocated Quality Control instrument to meet Quality Control requirements after Corpus Christi Huisache is decommissioned.

Appendix B
TCEQ Criteria Pollutant, Photochemical Air Monitoring Station
(PAMS), Speciation Trend (STN), and National Core (NCore)
Networks

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
480271047	1605 Stone Tree Drive, Killeen	Killeen	31.0880022	-97.6797343	Urban / City Ctr	O3	6/11/2009	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
480290032	6655 Bluebird Lane, San Antonio	San Antonio	29.51505	-98.62019	Suburban	O3	1/1/2000	SLAMS	UV Photometric	Continuous	Highest Concentration / Population Exposure	Urban Scale	TCEQ	Y
480290032	6655 Bluebird Lane, San Antonio	San Antonio	29.51505	-98.62019	Suburban	PM2.5	1/1/2008	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
480290046	615 East Houston, San Antonio	San Antonio	29.42667	-98.48639	Urban / City Ctr	CO	10/1/1996	SLAMS	Gas Filter Correlation	Continuous	Highest Concentration	Micro Scale	TCEQ	Y
480290046	615 East Houston, San Antonio	San Antonio	29.42667	-98.48639	Urban / City Ctr	NO2	10/17/1996	SLAMS	Chemi-luminescence	Continuous	Highest Concentration	Micro Scale	TCEQ	Y
480290052	Camp Bullis Firing Range, near Wilderness Trail, San Antonio	San Antonio	29.63209	-98.56494	Rural	NO2	8/12/1998	SLAMS	Chemi-luminescence	Continuous	Highest Concentration	Urban Scale	TCEQ	Y
480290052	Camp Bullis Firing Range, near Wilderness Trail, San Antonio	San Antonio	29.63209	-98.56494	Rural	O3	8/12/1998	SLAMS	UV Photometric	Continuous	Highest Concentration	Urban Scale	TCEQ	Y
480290053	16289 North Evans Road #2, Selma	San Antonio	29.58773	-98.31248	Suburban	PM10	4/6/2008	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
480290059	14620 Laguna Road, San Antonio	San Antonio	29.27539	-98.31167	Rural	NO2	5/18/1998	SLAMS	Chemi-luminescence	Continuous	Upwind Background / Source Oriented	Urban Scale	TCEQ	Y
480290059	14620 Laguna Road, San Antonio	San Antonio	29.27539	-98.31167	Rural	O3	5/14/1998	SLAMS	UV Photometric	Continuous	Upwind Background / Source Oriented	Urban Scale	TCEQ	Y
480290059	14620 Laguna Road, San Antonio	San Antonio	29.27539	-98.31167	Rural	PM2.5	1/1/2008	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Upwind Background / Population Exposure	Urban Scale	TCEQ	Y
480290060	401 South Frio Street, San Antonio	San Antonio	29.42111	-98.505	Urban / City Ctr	PM10	5/18/2000	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
480370004	2315 West 10th Street, Texarkana	Texarkana	33.42576	-94.07081	Urban / City Ctr	PM2.5	1/6/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
480391004	4503 Croix Parkway, Manvel	Brazoria	29.52043	-95.39252	Suburban	NO2	9/1/2001	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Urban Scale	TCEQ	Y
480391004	4503 Croix Parkway, Manvel	Brazoria	29.52043	-95.39252	Suburban	O3	9/1/2001	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
480391016	109-B Brazoria Highway 332 West, Lake Jackson	Brazoria	29.04377	-95.47293	Suburban	NO2	6/12/2003	SLAMS	Chemi-luminescence	Continuous	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
480391016	109-B Brazoria Highway 332 West, Lake Jackson	Brazoria	29.04377	-95.47293	Suburban	O3	6/10/2003	SLAMS	UV Photometric	Continuous	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
480430101	Route 12 and K-Bar Road, Big Bend National Park	None	29.3025	-103.16782	Rural	PM2.5	3/2/2002	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Regional Transport / General / Background	Regional Scale	TCEQ	Y
480610006	344 Porter Drive, Brownsville	Harlingen-San Benito	25.89251	-97.49382	Urban / City Ctr	CO	4/7/1998	SPM	Gas Filter Correlation	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
480610006	344 Porter Drive, Brownsville	Harlingen-San Benito	25.89251	-97.49382	Urban / City Ctr	O3	4/7/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
480610006	344 Porter Drive, Brownsville	Harlingen-San Benito	25.89251	-97.49382	Urban / City Ctr	TSP-Lead	11/11/1995	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
480612004	Lot B 69½, South Padre Island	Harlingen-San Benito	26.07333	-97.16667	Rural	PM2.5	8/8/2005	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Regional Transport / Population Exposure	Urban Scale	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
480850003	West Side of 5th Street, Frisco. To be relocated	Dallas	33.14194	-96.82532	Suburban	TSP-Lead	1/1/1984	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Middle Scale	TCEQ	Y
TBD	7627 South 5th Street	Dallas	33.14135	-96.825294	Suburban	TSP-Lead	TBD	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Middle Scale	TCEQ	Y
480850005	6590 Hillcrest Road, Frisco	Dallas	33.1324	-96.78648	Suburban	O3	7/29/1997	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
480850007	6931 Ash Street, Frisco	Dallas	33.14746	-96.82577	Suburban	TSP-Lead	7/17/1999	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
480850007	6931 Ash Street, Frisco	Dallas	33.14746	-96.82577	Suburban	TSP-Lead, QC	7/17/1999	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
480850009	6931 Eubanks St., Exide Property, North of Plant, Frisco To be relocated	Dallas	33.14458	-96.8288	Suburban	TSP-Lead	1/15/1995	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Source Oriented	Middle Scale	TCEQ	N
TBD	6601 East Eubanks St., North of Plant, Frisco	Dallas	33.14463	-96.14463	Suburban	TSP-Lead	TBD	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Middle Scale	TCEQ	Y
481130050	717 South Akard, Dallas	Dallas	32.77417	-96.79778	Urban / City Ctr	PM2.5	6/28/2002	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/3 Day	Population Exposure	Neighborhood	TCEQ	Y
481130050	717 South Akard, Dallas	Dallas	32.77417	-96.79778	Urban / City Ctr	PM10	8/1/1988	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
481130050	717 South Akard, Dallas	Dallas	32.77417	-96.79778	Urban / City Ctr	PM10, QC	8/1/1988	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
481130061	3434 Bickers Street, Amelia Earhart Learning Center	Dallas	32.785556	-96.877778	Urban / City Ctr	PM10	4/1/2009	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	Trace Level CO	4/4/1995	PAMS / NCore	Gas Filter Correlation	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	NO2	4/4/1995	PAMS / NCore	Chemiluminescence	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	O3	4/4/1995	PAMS / NCore	UV Photometric	Continuous	Max Precursor Emissions Impact / Population Exposure	Neighborhood	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	Trace Level SO2	4/4/1995	PAMS / NCore	Pulsed Fluorescence	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	PM2.5	1/1/1999	SLAMS	Sequential FRM / Gravimetric	24-hour Sample, Daily	Highest Concentration	Neighborhood	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	PM2.5, QC	3/31/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	QA / Highest Concentration	Neighborhood	TCEQ	Y
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	PM2.5	10/1/2000	STN	Sequential Non-FRM / Gravimetric	24-Hour 1/3 Day	Highest Concentration	Neighborhood	TCEQ	N
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	Speciated VOC	7/17/1996	PAMS	GC	Continuous	Max Precursor Emissions Impact / Highest Concentration	Neighborhood	TCEQ	N

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AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
481130069	1415 Hinton Street, Dallas, NCore Site	Dallas	32.81995	-96.86008	Urban / City Ctr	TNMOC	7/17/1996	PAMS	GC	Continuous	Max Precursor Emissions Impact / Highest Concentration	Neighborhood	TCEQ	N
481130075	12532½ Nuestra Drive, Dallas	Dallas	32.9192	-96.8085	Urban / City Ctr	NO2	11/3/1998	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481130075	12532½ Nuestra Drive, Dallas	Dallas	32.9192	-96.8085	Urban / City Ctr	O3	11/3/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481130075	12532½ Nuestra Drive, Dallas	Dallas	32.9192	-96.8085	Urban / City Ctr	PM10	1/1/2009	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
481130087	3277 West Redbird Lane, Dallas	Dallas	32.6766	-96.8716	Suburban	NO2	12/13/1999	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481130087	3277 West Redbird Lane, Dallas	Dallas	32.6766	-96.8716	Suburban	O3	12/13/1999	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481130087	3277 West Redbird Lane, Dallas	Dallas	32.6766	-96.8716	Suburban	PM2.5	1/3/1999	SPM	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
481210034	Denton Municipal Airport South, Denton	Dallas	33.19167	-97.19333	Rural	NO2	3/22/1998	PAMS	Chemi-luminescence	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481210034	Denton Municipal Airport South, Denton	Dallas	33.19167	-97.19333	Rural	O3	3/20/1998	PAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481210034	Denton Municipal Airport South, Denton	Dallas	33.19167	-97.19333	Rural	NOY	5/9/2008	PAMS	Chemi-luminescence	Continuous	Population Exposure	Urban Scale	TCEQ	N
481211032	792 East Northside Drive, Pilot Point	Dallas	33.41065	-96.94452	Suburban	O3	5/3/2006	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481350003	Barrett & Monahans Streets, Odessa	Odessa-Midland	31.82658	-102.34198	Suburban	PM2.5	1/3/1999	SPM	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
481390016	2725 Old Fort Worth Road, Midlothian	Dallas	32.48194	-97.0275	Suburban	NO2	3/21/2003	SLAMS	Chemi-luminescence	Continuous	Source Oriented	Neighborhood	TCEQ	Y
481390016	2725 Old Fort Worth Road, Midlothian	Dallas	32.48194	-97.0275	Suburban	O3	4/1/2006	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
481390016	2725 Old Fort Worth Road, Midlothian	Dallas	32.48194	-97.0275	Suburban	SO2	8/27/1997	SPM	Pulsed Fluorescence	Continuous	Source Oriented	Neighborhood	TCEQ	Y
481390016	2725 Old Fort Worth Road, Midlothian	Dallas	32.48194	-97.0275	Suburban	PM2.5	9/1/2005	SPM Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Source Oriented / Population Exposure	Neighborhood	TCEQ	Y
481391044	900 FM667, Italy	Dallas	32.43694	-97.025	Rural	NO2	8/31/2007	PAMS	Chemi-luminescence	Continuous	Upwind Background	Urban Scale	TCEQ	Y
481391044	900 FM667, Italy	Dallas	32.43694	-97.025	Rural	O3	8/31/2007	PAMS	UV Photometric	Continuous	Upwind Background	Urban Scale	TCEQ	Y
481391044	900 FM667, Italy	Dallas	32.43694	-97.025	Rural	SO2	8/31/2007	SPM	Pulsed Fluorescence	Continuous	Upwind Background	Urban Scale	TCEQ	Y
481410002	222 South Campbell Street, El Paso	El Paso	31.75765	-106.48292	Urban / City Ctr	CO	3/30/2000	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	COEP	Y
481410002	222 South Campbell Street, El Paso	El Paso	31.75765	-106.48292	Urban / City Ctr	PM10	4/1/1987	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Highest Concentration	Neighborhood	COEP	Y
481410002	222 South Campbell Street, El Paso	El Paso	31.75765	-106.48292	Urban / City Ctr	PM10, QC	4/1/1987	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Highest Concentration	Neighborhood	COEP	Y
481410002	222 South Campbell Street, El Paso	El Paso	31.75765	-106.48292	Urban / City Ctr	TSP-Lead	9/1/2005	SPM	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure	Neighborhood	COEP	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
481410002	222 South Campbell Street, El Paso	El Paso	31.75765	-106.48292	Urban / City Ctr	TSP-Lead, QC	1/1/2009	SPM	HiVol/GFAA	24-Hour 1/6 Day	Population Exposure	Neighborhood	COEP	Y
481410029	10834 Ivanhoe, Ivanhoe Fire Station, El Paso	El Paso	31.78577	-106.32359	Suburban	CO	3/29/2000	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	COEP	Y
481410029	10834 Ivanhoe, Ivanhoe Fire Station, El Paso	El Paso	31.78577	-106.32359	Suburban	O3	3/29/2000	SPM	UV Photometric	Continuous	Population Exposure	Neighborhood	COEP	Y
481410029	10834 Ivanhoe, Ivanhoe Fire Station, El Paso	El Paso	31.78577	-106.32359	Suburban	PM10	10/1/1988	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	COEP	Y
481410033	301 East Robinson, El Paso	El Paso	31.77694	-106.50167	Urban / City Ctr	TSP-Lead	1/1/1979	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure	Neighborhood	COEP	Y
481410037	250 Rim Road, El Paso	El Paso	31.76827	-106.5012	Urban / City Ctr	CO	6/3/1998	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410037	250 Rim Road, El Paso	El Paso	31.76827	-106.5012	Urban / City Ctr	NO2	6/3/1998	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410037	250 Rim Road, El Paso	El Paso	31.76827	-106.5012	Urban / City Ctr	O3	6/3/1998	PAMS	UV Photometric	Continuous	Population Exposure / Max Ozone Concentration	Neighborhood	TCEQ	Y
481410037	250 Rim Road, El Paso	El Paso	31.76827	-106.5012	Urban / City Ctr	SO2	6/3/1998	SLAMS	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410037	250 Rim Road, El Paso	El Paso	31.76827	-106.5012	Urban / City Ctr	PM2.5	1/1/2005	SPM	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
481410037	250 Rim Road, El Paso	El Paso	31.76827	-106.5012	Urban / City Ctr	Radar Profiler	8/9/2001	PAMS	Doppler Radar	24-1 Hr Avg, Daily	NA	NA	TCEQ	N
481410038	301 Midway Drive, Riverside High School, El Paso	El Paso	31.73388	-106.37202	Urban / City Ctr	PM10	10/12/1998	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	COEP	Y
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	CO	6/24/1998	SLAMS	Gas Filter Correlation	Continuous	Max Precursor Emissions Impact / Highest Concentration	Neighborhood	TCEQ	Y
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	NO2	6/24/1998	PAMS / NCore	Chemi-luminescence	Continuous	Max Precursor Emissions Impact / Highest Concentration	Neighborhood	TCEQ	Y
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	O3	6/24/1998	PAMS / NCore	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	PM2.5	1/1/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure / Highest Concentration	Neighborhood	TCEQ	Y
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	PM2.5	10/1/2000	STN	Sequential Non-FRM / Gravimetric	24-Hour 1/3 Day	Population Exposure / Highest Concentration	Neighborhood	TCEQ	N
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	Speciated VOC	2/7/1995	PAMS	GC	Continuous	Max Precursor Emissions Impact / Highest Concentration	Neighborhood	TCEQ	N
481410044	800 South San Marcial Street, El Paso, NCore Site	El Paso	31.76567	-106.45523	Urban / City Ctr	TNMOC	2/7/1995	PAMS	GC	Continuous	Max Precursor Emissions Impact / Highest Concentration	Neighborhood	TCEQ	N

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
481410053	700 West San Francisco Avenue, El Paso	El Paso	31.75852	-106.50105	Urban / City Ctr	CO	6/2/1998	SLAMS	Gas Filter Correlation	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
481410053	700 West San Francisco Avenue, El Paso	El Paso	31.75852	-106.50105	Urban / City Ctr	SO2	6/2/1998	SPM	Pulsed Fluorescence	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
481410053	700 West San Francisco Avenue, El Paso	El Paso	31.75852	-106.50105	Urban / City Ctr	PM2.5	10/1/2000	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Highest Concentration	Micro Scale	TCEQ	N
481410055	650 R. E. Thomason Loop, El Paso	El Paso	31.74675	-106.40281	Urban / City Ctr	CO	9/1/1999	SLAMS	Gas Filter Correlation	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
481410055	650 R. E. Thomason Loop, El Paso	El Paso	31.74675	-106.40281	Urban / City Ctr	NO2	9/24/1999	PAMS	Chemi-luminescence	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
481410055	650 R. E. Thomason Loop, El Paso	El Paso	31.74675	-106.40281	Urban / City Ctr	O3	9/24/1999	PAMS	UV Photometric	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
481410057	201 South Nevarez Road, El Paso	El Paso	31.66219	-106.30308	Suburban	CO	8/11/2004	SLAMS	Gas Filter Correlation	Continuous	Population Exposure / General / Background	Neighborhood	TCEQ	Y
481410057	201 South Nevarez Road, El Paso	El Paso	31.66219	-106.30308	Suburban	O3	11/22/1999	SLAMS	UV Photometric	Continuous	Population Exposure / General / Background	Neighborhood	TCEQ	Y
481410057	201 South Nevarez Road, El Paso	El Paso	31.66219	-106.30308	Suburban	PM10	1/7/2000	SPM	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure / General / Background	Neighborhood	TCEQ	Y
481410058	5050-A Yvette Drive, El Paso	El Paso	31.89393	-106.42581	Urban / City Ctr	CO	7/11/2000	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410058	5050-A Yvette Drive, El Paso	El Paso	31.89393	-106.42581	Urban / City Ctr	O3	7/11/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410058	5050-A Yvette Drive, El Paso	El Paso	31.89393	-106.42581	Urban / City Ctr	SO2	7/11/2000	SPM	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481410058	5050-A Yvette Drive, El Paso	El Paso	31.89393	-106.42581	Urban / City Ctr	TSP-Lead	9/1/2005	SPM	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure	Neighborhood	COEP	Y
481410059	2701 Harrison Avenue, El Paso	El Paso	31.81389	-106.46306	Urban / City Ctr	PM10	4/13/2001	SPM	HiVol / Gravimetric	24-Hour 1/6 Day	Source Oriented	Neighborhood	COEP	Y
481670004	25 th and Texas Avenue, Texas City	Galveston-Texas City	29.38444	-94.93083	Urban / City Ctr	PM10	11/24/1989	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Highest Concentration	Neighborhood	GCHD	Y
481670004	25 th and Texas Avenue, Texas City	Galveston-Texas City	29.38444	-94.93083	Urban / City Ctr	PM10, QC	11/24/1989	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Quality Assurance	Neighborhood	GCHD	Y
481670005	2516½ Texas Avenue, Texas City	Galveston-Texas City	29.35824	-94.93153	Urban / City Ctr	SO2	2/19/2004	SPM	Pulsed Fluorescence	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
481671034	Avenue V½, Galveston Airport, Galveston	Galveston-Texas City	29.26332	-94.85657	Suburban	NO2	3/20/2007	PAMS	Chemi-luminescence	Continuous	Upwind Background / General / Background	Urban Scale	TCEQ	Y
481671034	Avenue V½, Galveston Airport, Galveston	Galveston-Texas City	29.26332	-94.85657	Suburban	O3	3/20/2007	PAMS	UV Photometric	Continuous	Upwind Background / General / Background	Urban Scale	TCEQ	Y
481830001	Gregg County Airport Longview	Longview-Marshall	32.37871	-94.71183	Rural	NO2	6/17/1998	SPM	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
481830001	Gregg County Airport Longview	Longview-Marshall	32.37871	-94.71183	Rural	O3	1/1/1983	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
481830001	Gregg County Airport Longview	Longview-Marshall	32.37871	-94.71183	Rural	SO2	5/26/1999	SPM	Pulsed Fluorescence	Continuous	General / Background	Neighborhood	TCEQ	Y
482010024	4510½ Aldine Mail Road, Houston	Houston	29.90111	-95.32694	Suburban	CO	4/2/1997	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010024	4510½ Aldine Mail Road, Houston	Houston	29.90111	-95.32694	Suburban	NO2	4/2/1997	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010024	4510½ Aldine Mail Road, Houston	Houston	29.90111	-95.32694	Suburban	O3	4/2/1997	PAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010024	4510½ Aldine Mail Road, Houston	Houston	29.90111	-95.32694	Suburban	PM2.5	8/14/2000	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
482010024	4510½ Aldine Mail Road, Houston	Houston	29.90111	-95.32694	Suburban	PM10	7/26/1988	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
482010024	4510½ Aldine Mail Road, Houston	Houston	29.90111	-95.32694	Suburban	NOY	6/7/2000	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	N
482010026	1405 Sheldon Road, Channelview	Houston	29.8025	-95.12555	Suburban	NO2	8/1/2001	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010026	1405 Sheldon Road, Channelview	Houston	29.8025	-95.12555	Suburban	O3	8/1/2001	PAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010029	16822 Kitzman, Tomball	Houston	30.03944	-95.675	Rural	NO2	5/1/1997	PAMS	Chemi-luminescence	Continuous	Population Exposure	Urban Scale	TCEQ	Y
482010029	16822 Kitzman, Tomball	Houston	30.03944	-95.675	Rural	O3	4/1/1997	PAMS	UV Photometric	Continuous	Max Ozone Concentration / Population Exposure	Urban Scale	TCEQ	Y
482010046	7330½ North Wayside, Houston	Houston	29.8275	-95.28361	Suburban	O3	2/22/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	COH	Y
482010046	7330½ North Wayside, Houston	Houston	29.8275	-95.28361	Suburban	SO2	2/22/2000	SPM	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	COH	Y
482010047	4401½ Lang Road, Houston	Houston	29.83472	-95.48917	Suburban	CO	3/8/2000	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Middle Scale	COH	Y
482010047	4401½ Lang Road, Houston	Houston	29.83472	-95.48917	Suburban	NO2	3/8/2000	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Middle Scale	COH	Y
482010047	4401½ Lang Road, Houston	Houston	29.83472	-95.48917	Suburban	O3	3/8/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Middle Scale	COH	Y
482010047	4401½ Lang Road, Houston	Houston	29.83472	-95.48917	Suburban	PM10	10/2/1998	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	COH	Y
482010051	13826½ Croquet, Houston	Houston	29.62361	-95.47361	Suburban	O3	2/8/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	COH	Y
482010051	13826½ Croquet, Houston	Houston	29.62361	-95.47361	Suburban	SO2	2/8/2000	SPM	Pulsed Fluorescence	Continuous	Population Exposure / Source Oriented	Neighborhood	COH	Y
482010055	6400 Bissonnet Street, Houston	Houston	29.69574	-95.49924	Suburban	NO2	3/30/1998	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010055	6400 Bissonnet Street, Houston	Houston	29.69574	-95.49924	Suburban	O3	3/24/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010058	7210½ Bayway Drive, Baytown	Houston	29.77069	-95.03122	Suburban	PM2.5	1/6/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
482010062	9726½ Monroe, Houston	Houston	29.62583	-95.2675	Suburban	O3	2/9/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	COH	Y
482010062	9726½ Monroe, Houston	Houston	29.62583	-95.2675	Suburban	SO2	2/9/2000	SPM	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	COH	Y
482010062	9726½ Monroe, Houston	Houston	29.62583	-95.2675	Suburban	PM10	10/1/1989	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	COH	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
482010066	3333½ Highway 6 South, Houston	Houston	29.72472	-95.50361	Suburban	O3	3/7/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	COH	Y
482010066	3333½ Highway 6 South, Houston	Houston	29.72472	-95.50361	Suburban	PM10	4/1/1997	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	COH	Y
482010070	5425 Polk Avenue, Suite H, Houston	Houston	29.73513	-95.31558	Urban / City Ctr	O3	5/4/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010070	5425 Polk Avenue, Suite H, Houston	Houston	29.73513	-95.31558	Urban / City Ctr	SO2	5/4/2000	SLAMS	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482010071	1001½ Red Bluff, Pasadena	Houston	29.7165	-95.20129	Urban / City Ctr	PM10	7/17/2000	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
482010075	2311 Texas Avenue, Houston	Houston	29.75278	-95.35028	Urban / City Ctr	CO	3/30/2001	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Middle Scale	COH	Y
482010075	2311 Texas Avenue, Houston	Houston	29.75278	-95.35028	Urban / City Ctr	NO2	3/30/2001	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	COH	Y
482010075	2311 Texas Avenue, Houston	Houston	29.75278	-95.35028	Urban / City Ctr	O3	3/30/2001	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	COH	Y
482010416	7421 Park Place Boulevard, Houston	Houston	29.68639	-95.29472	Urban / City Ctr	CO	2/22/2006	SPM	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	COH	Y
482010416	7421 Park Place Boulevard, Houston	Houston	29.68639	-95.29472	Urban / City Ctr	NO2	2/22/2006	SPM	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	COH	Y
482010416	7421 Park Place Boulevard, Houston	Houston	29.68639	-95.29472	Urban / City Ctr	O3	2/22/2006	SPM	UV Photometric	Continuous	Population Exposure	Neighborhood	COH	Y
482010416	7421 Park Place Boulevard, Houston	Houston	29.68639	-95.29472	Urban / City Ctr	SO2	2/22/2006	SPM	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	COH	Y
482011015	1001-B Lynchburg Road, Baytown	Houston	29.7646	-95.078	Suburban	NO2	4/25/2003	SLAMS	Chemi-luminescence	Continuous	Source Oriented	Neighborhood	TCEQ	Y
482011015	1001-B Lynchburg Road, Baytown	Houston	29.7646	-95.078	Suburban	O3	4/25/2003	SLAMS	UV Photometric	Continuous	Source Oriented	Neighborhood	TCEQ	Y
482011034	1262½ Mae Drive, Houston	Houston	29.76799	-95.22058	Suburban	NO2	5/7/1997	SLAMS	Chemi-luminescence	Continuous	Highest Concentration / Population Exposure	Middle Scale	TCEQ	Y
482011034	1262½ Mae Drive, Houston	Houston	29.76799	-95.22058	Suburban	O3	5/7/1997	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482011034	1262½ Mae Drive, Houston	Houston	29.76799	-95.22058	Suburban	TSP-Lead	5/11/1999	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	Trace Level CO	1/18/2000	PAMS	Gas Filter Correlation	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	COH	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	NO2	1/18/2000	PAMS	Chemi-luminescence	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	COH	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	O3	1/18/2000	PAMS	UV Photometric	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	COH	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	SO2	1/18/2000	SLAMS	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	COH	Y

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(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	PM2.5, QC	4/6/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	QA / Highest Concentration / Population Exposure	Neighborhood	TCEQ	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	PM2.5	1/1/1999	SLAMS	Sequential FRM	24-hour Sample, Daily	Highest Concentration / Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	PM10	10/1/1988	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Highest Concentration / Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	PM10, QC	10/1/1988	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	QA / Highest Concentration / Population Exposure	Neighborhood	TCEQ	Y
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	Speciated VOC	1/1/1995	PAMS	GC	Continuous	Highest Concentration / Population Exposure / Source Oriented	Neighborhood	TCEQ	N
482011035	9525 Clinton Drive, Houston	Houston	29.73371	-95.25759	Urban / City Ctr	TNMOC	1/1/1995	PAMS	GC	Continuous	Highest Concentration / Population Exposure / Source Oriented	Neighborhood	TCEQ	N
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	CO	3/20/1997	PAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	NO2	3/20/1997	PAMS / NCore	Chemi-luminescence	Continuous	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	O3	3/20/1997	PAMS / NCore	UV Photometric	Continuous	Population Exposure / Max Ozone Concentration	Neighborhood	TCEQ	Y
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	PM10	1/30/1999	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	PM10, QC	1/30/1999	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	QA / Population Exposure	Neighborhood	TCEQ	Y
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	PM2.5	2/9/2000	STN	Sequential Non-FRM / Gravimetric	24-Hour 1/3 Day	Population Exposure	Neighborhood	TCEQ	N
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	PM2.5, QC	10/1/2000	STN	Sequential Non-FRM / Gravimetric	24-Hour 1/3 Day	Quality Assurance	Neighborhood	TCEQ	N
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	NOY	6/13/2000	PAMS / NCore	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	N
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	Speciated VOC	11/5/1996	PAMS / NCore	GC	Continuous	Population Exposure	Neighborhood	TCEQ	N
482011039	4514½ Durant Street, Deer Park, NCore Site	Houston	29.67	-95.128333	Urban / City Ctr	TNMOC	11/5/1996	PAMS / NCore	GC	Continuous	Population Exposure	Neighborhood	TCEQ	N
482011050	4522 Park Road, Seabrook	Houston	29.58303	-95.01554	Suburban	NO2	8/1/2001	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482011050	4522 Park Road, Seabrook	Houston	29.58303	-95.01554	Suburban	O3	8/1/2001	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
482011050	4522 Park Road, Seabrook	Houston	29.58303	-95.01554	Suburban	SO2	8/1/2001	SPM	Pulsed Fluorescence	Continuous	Population Exposure / Source Oriented	Neighborhood	TCEQ	Y
482030002	Highway 134 & Spur 449, Karnack	Longview-Marshall	32.669	-94.16745	Rural	NO2	9/5/2001	SLAMS	Chemi-luminescence	Continuous	General / Background	Regional Scale	TCEQ	Y
482030002	Highway 134 & Spur 449, Karnack	Longview-Marshall	32.669	-94.16745	Rural	O3	9/6/2001	SLAMS	UV Photometric	Continuous	General / Background	Regional Scale	TCEQ	Y
482030002	Highway 134 & Spur 449, Karnack	Longview-Marshall	32.669	-94.16745	Rural	PM2.5	9/6/2001	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	General / Background	Regional Scale	TCEQ	Y
482030002	Highway 134 & Spur 449, Karnack	Longview-Marshall	32.669	-94.16745	Rural	PM10	2/9/2004	SPM	HiVol / Gravimetric	24-Hour 1/6 Day	General / Background	Regional Scale	TCEQ	Y
482150043	2300 North Glasscock, Mission	McAllen-Edinburg-Mission	26.22624	-98.29106	Suburban	O3	4/6/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482150043	2300 North Glasscock, Mission	McAllen-Edinburg-Mission	26.22624	-98.29106	Suburban	PM2.5	1/3/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
482150043	2300 North Glasscock, Mission	McAllen-Edinburg-Mission	26.22624	-98.29106	Suburban	PM10	1/18/2008	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
482151048	325 Golf Course Road, Mercedes	McAllen-Edinburg-Mission	26.13108	-97.93726	Suburban	O3	10/29/2008	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
482210001	200 North Gordon Street, Granbury	Fort Worth-Arlington	32.44028	-97.80361	Suburban	O3	5/9/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482311006	824 Sayle Street, Greenville	Dallas	33.15311	-96.11552	Suburban	NO2	3/21/2003	SLAMS	Chemi-luminescence	Continuous	Population Exposure / Upwind Background	Neighborhood	TCEQ	Y
482311006	824 Sayle Street, Greenville	Dallas	33.15311	-96.11552	Suburban	O3	3/21/2003	SLAMS	UV Photometric	Continuous	Population Exposure / Upwind Background	Neighborhood	TCEQ	Y
482450009	1086 Vermont Avenue, Beaumont	Beaumont-Port Arthur	30.03639	-94.07111	Suburban	NO2	12/9/1997	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482450009	1086 Vermont Avenue, Beaumont	Beaumont-Port Arthur	30.03639	-94.07111	Suburban	O3	12/9/1997	PAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482450009	1086 Vermont Avenue, Beaumont	Beaumont-Port Arthur	30.03639	-94.07111	Suburban	SO2	12/9/1997	SLAMS	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482450009	1086 Vermont Avenue, Beaumont	Beaumont-Port Arthur	30.03639	-94.07111	Suburban	Speciated VOC	8/29/2006	PAMS	GC	Continuous	Population Exposure	Neighborhood	TCEQ	N
482450009	1086 Vermont Avenue, Beaumont	Beaumont-Port Arthur	30.03639	-94.07111	Suburban	TNMOC	8/29/2006	PAMS	GC	Continuous	Population Exposure	Neighborhood	TCEQ	N
482450011	800 El Vista Road & 53 rd Street, Port Arthur	Beaumont-Port Arthur	29.89406	-93.9879	Urban / City Ctr	O3	11/18/1997	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482450011	800 El Vista Road & 53 rd Street, Port Arthur	Beaumont-Port Arthur	29.89406	-93.9879	Urban / City Ctr	SO2	11/18/1997	SLAMS	Pulsed Fluorescence	Continuous	Source Oriented	Neighborhood	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
482450018	End of 90th St at Jefferson County Airport, Port Arthur	Beaumont-Port Arthur	29.9427953	-94.0007754	Suburban	Radar Profiler	6/22/2005	PAMS	Doppler Radar	24-1 Hr Avg, Daily	NA	NA	TCEQ	N
482450021	2200 Jefferson Drive, Port Arthur	Beaumont-Port Arthur	29.92278	-93.90889	Urban / City Ctr	PM2.5	9/1/2005	SPM Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
482450022	12552 Second Street, Beaumont	Beaumont-Port Arthur	29.86395	-94.31775	Suburban	NO2	2/16/2000	SLAMS	Chemi-luminescence	Continuous	General Background / Regional Transport	Urban Scale	TCEQ	Y
482450022	12552 Second Street, Beaumont	Beaumont-Port Arthur	29.86395	-94.31775	Suburban	O3	2/16/2000	SLAMS	UV Photometric	Continuous	General Background / Regional Transport	Urban Scale	TCEQ	Y
482450101	6019 Mechanic, Sabine Pass	Beaumont-Port Arthur	29.718056	-93.896944	Rural	NOY	4/10/2006	PAMS	Chemi-luminescence	Continuous	Max Ozone Concentration	Neighborhood	TCEQ	N
482451035	Seattle Street, Nederland	Beaumont-Port Arthur	29.97861	-94.01111	Urban / City Ctr	Trace Level CO	8/30/2006	PAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482451035	Seattle Street, Nederland	Beaumont-Port Arthur	29.97861	-94.01111	Urban / City Ctr	NO2	8/30/2006	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482451035	Seattle Street, Nederland	Beaumont-Port Arthur	29.97861	-94.01111	Urban / City Ctr	O3	9/1/2006	PAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
482451035	Seattle Street, Nederland	Beaumont-Port Arthur	29.97861	-94.01111	Urban / City Ctr	Speciated VOC	9/1/2006	PAMS	GC	Continuous	Population Exposure	Neighborhood	TCEQ	N
482451035	Seattle Street, Nederland	Beaumont-Port Arthur	29.97861	-94.01111	Urban / City Ctr	TNMOC	9/1/2006	PAMS	GC	Continuous	Population Exposure	Neighborhood	TCEQ	N
482510003	1650 Airport Drive, Cleburne	Fort Worth-Arlington	32.35972	-97.43194	Suburban	O3	5/10/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
482510003	1650 Airport Drive, Cleburne	Fort Worth-Arlington	32.35972	-97.43194	Suburban	Radar Profiler	6/5/2003	PAMS	Doppler Radar	24-1 Hr Avg, Daily	NA	NA	TCEQ	N
482570005	3790 South Houston Street, Kaufman	Dallas	32.56917	-96.31583	Suburban	NO2	10/2/2000	PAMS	Chemi-luminescence	Continuous	Upwind Background / Population Exposure	Urban Scale	TCEQ	Y
482570005	3790 South Houston Street, Kaufman	Dallas	32.56917	-96.31583	Suburban	O3	9/23/2000	PAMS	UV Photometric	Continuous	Upwind Background / Population Exposure	Urban Scale	TCEQ	Y
482570005	3790 South Houston Street, Kaufman	Dallas	32.56917	-96.31583	Suburban	SO2	9/27/2000	SPM	Pulsed Fluorescence	Continuous	Upwind Background / Population Exposure	Urban Scale	TCEQ	Y
482570020	106 Tejas Drive, Terrell	Dallas	TBD	TBD	Rural	TSP-Lead	TBD	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Middle Scale	TCEQ	Y
483033025	1502 Mac Davis Drive, Lubbock	Beaumont-Port Arthur	33.59802	-101.85041	Urban / City Ctr	PM2.5	8/20/2008	SPM Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
483091037	4472 Mazanec Road, Elm Mott	Waco	31.653077	-97.070695	Rural	CO	4/16/2007	SPM	Gas Filter Correlation	Continuous	Upwind Background	Urban Scale	TCEQ	Y
483091037	4472 Mazanec Road, Elm Mott	Waco	31.653077	-97.070695	Rural	NO2	4/16/2007	SPM	Chemi-luminescence	Continuous	Upwind Background	Urban Scale	TCEQ	Y
483091037	4472 Mazanec Road, Elm Mott	Waco	31.653077	-97.070695	Rural	O3	4/16/2007	SPM	UV Photometric	Continuous	Upwind Background	Regional Scale	TCEQ	Y
483091037	4472 Mazanec Road, Elm Mott	Waco	31.653077	-97.070695	Rural	SO2	4/16/2007	SPM	Pulsed Fluorescence	Continuous	Upwind Background	Urban Scale	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
483390078	9472-A Highway 1484, Conroe	Houston	30.3503	-95.42514	Suburban	NO2	11/6/2001	SLAMS	Chemi-luminescence	Continuous	General / Background / Population Exposure	Urban Scale	TCEQ	Y
483390078	9472-A Highway 1484, Conroe	Houston	30.3503	-95.42514	Suburban	O3	11/6/2001	SLAMS	UV Photometric	Continuous	General / Background / Population Exposure	Urban Scale	TCEQ	Y
483491051	Corsicana Airport, Corsicana	Dallas	32.031931	-96.399144	Rural	SO2	6/16/2009	SPM	Pulsed Fluorescence	Continuous	Source Oriented	Neighborhood	TCEQ	Y
483491051	Corsicana Airport, Corsicana	Dallas	32.031931	-96.399144	Rural	NO2	6/16/2009	SPM	Chemi-luminescence	Continuous	Source Oriented	Neighborhood	TCEQ	Y
483491051	Corsicana Airport, Corsicana	Dallas	32.031931	-96.399144	Rural	O3	6/16/2009	SPM	UV Photometric	Continuous	Source Oriented	Neighborhood	TCEQ	Y
483550025	902 Airport Boulevard, Corpus Christi	Corpus Christi	27.7653	-97.4342	Urban / City Ctr	O3	3/18/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
483550025	902 Airport Boulevard, Corpus Christi	Corpus Christi	27.7653	-97.4342	Urban / City Ctr	SO2	3/18/1998	SLAMS	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
483550026	9860 La Branch, Corpus Christi	Corpus Christi	27.8325	-97.5553	Suburban	O3	3/18/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
483550026	9860 La Branch, Corpus Christi	Corpus Christi	27.8325	-97.5553	Suburban	SO2	3/18/1998	SLAMS	Pulsed Fluorescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
483550032	3810 Huisache Street, Corpus Christi	Corpus Christi	27.8044	-97.4317	Urban / City Ctr	SO2	10/3/1997	SPM	Pulsed Fluorescence	Continuous	Highest Concentration / Population Exposure	Neighborhood	TCEQ	Y
483550032	3810 Huisache Street, Corpus Christi	Corpus Christi	27.8044	-97.4317	Urban / City Ctr	PM2.5, QC	1/19/2000	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/6 Day	QA / Population Exposure	Neighborhood	TCEQ	Y
483550032	3810 Huisache Street, Corpus Christi	Corpus Christi	27.8044	-97.4317	Urban / City Ctr	PM2.5	1/6/1999	SPM	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
483550034	5707 Up River Road, Corpus Christi	Corpus Christi	27.8118	-97.46563	Urban / City Ctr	PM2.5	1/31/2001	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
483550034	5707 Up River Road, Corpus Christi	Corpus Christi	27.8118	-97.46563	Urban / City Ctr	PM10	10/5/2002	SPM	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
483550034	5707 Up River Road, Corpus Christi	Corpus Christi	27.8118	-97.46563	Urban / City Ctr	PM10, QC	10/5/2002	SPM	HiVol / Gravimetric	24-Hour 1/6 Day	QA / Population Exposure	Neighborhood	TCEQ	Y
483611001	2700 Austin Avenue, West Orange	Beaumont-Port Arthur	30.08444	-93.76167	Urban / City Ctr	NO2	12/10/1997	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
483611001	2700 Austin Avenue, West Orange	Beaumont-Port Arthur	30.08444	-93.76167	Urban / City Ctr	O3	12/10/1997	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
483611001	2700 Austin Avenue, West Orange	Beaumont-Port Arthur	30.08444	-93.76167	Urban / City Ctr	PM2.5	3/13/2000	SPM	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
483670081	3033 New Authon Road, Weatherford	Dallas	32.86879	-97.9059	Rural	O3	7/28/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Urban Scale	TCEQ	Y
483670081	3033 New Authon Road, Weatherford	Dallas	32.86879	-97.9059	Rural	NO2	4/10/2010	SPM	Chemi-luminescence	Continuous	Population Exposure	Urban Scale	TCEQ	N
483750024	7010 State Highway 136, Amarillo	Amarillo	35.28025	-101.7155768	Rural	TSP-Lead	4/25/2010	SLAMS	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure / Source Oriented	Middle Scale	TCEQ	Y
483750320	6500 Amarillo Boulevard West, Amarillo	Amarillo	35.20159	-101.90924	Urban / City Ctr	PM2.5	4/12/2005	SPM	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
483970001	100 East Heath Street, Rockwall	Dallas	32.93651	-96.45918	Suburban	O3	8/8/2000	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
484230007	14790 County Road 1145, Tyler	Tyler	32.34399	-95.41577	Rural	NO2	5/26/2000	SPM	Chemi-luminescence	Continuous	General / Background	Urban Scale	TCEQ	Y
484230007	14790 County Road 1145, Tyler	Tyler	32.34399	-95.41577	Rural	O3	5/26/2000	SLAMS	UV Photometric	Continuous	General / Background	Urban Scale	TCEQ	Y
484230007	14790 County Road 1145, Tyler	Tyler	32.34399	-95.41577	Rural	SO2	3/3/2010	SPM	Pulsed Fluorescence	Continuous	Regional Transport	Urban Scale	TCEQ	N
484390075	14290 Morris Dido Newark Road, Eagle Mountain Lake	Fort Worth-Arlington	32.98782	-97.47719	Suburban	O3	6/6/2000	SLAMS	UV Photometric	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
484390075	14290 Morris Dido Newark Road, Eagle Mountain Lake	Fort Worth-Arlington	32.98782	-97.47719	Suburban	NO2	4/10/2010	SPM	Chemi-luminescence	Continuous	Highest Concentration	Neighborhood	TCEQ	N
484390075	14290 Morris Dido Newark Road, Eagle Mountain Lake	Fort Worth-Arlington	32.98782	-97.47719	Suburban	Speciated VOC	3/21/2010	SPM	GC	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
484390075	14290 Morris Dido Newark Road, Eagle Mountain Lake	Fort Worth-Arlington	32.98782	-97.47719	Suburban	TNMOC	3/21/2010	SPM	GC	Continuous	Highest Concentration	Neighborhood	TCEQ	Y
484391002	3317 Ross Avenue, Fort Worth	Fort Worth-Arlington	32.805	-97.35639	Urban / City Ctr	CO	8/12/1997	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484391002	3317 Ross Avenue, Fort Worth	Fort Worth-Arlington	32.805	-97.35639	Urban / City Ctr	NO2	8/12/1997	PAMS / SLAMS	Chemi-luminescence	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	TCEQ	Y
484391002	3317 Ross Avenue, Fort Worth	Fort Worth-Arlington	32.805	-97.35639	Urban / City Ctr	O3	8/12/1997	PAMS / SLAMS	UV Photometric	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	TCEQ	Y
484391002	3317 Ross Avenue, Fort Worth	Fort Worth-Arlington	32.805	-97.35639	Urban / City Ctr	PM2.5	1/1/1999	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/3 Day	Population Exposure	Neighborhood	TCEQ	Y
484391002	3317 Ross Avenue, Fort Worth	Fort Worth-Arlington	32.805	-97.35639	Urban / City Ctr	Speciated VOC	5/6/2003	PAMS	GC	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	TCEQ	N
484391002	3317 Ross Avenue, Fort Worth	Fort Worth-Arlington	32.805	-97.35639	Urban / City Ctr	TNMOC	5/6/2003	PAMS	GC	Continuous	Population Exposure / Max Precursor Emissions Impact	Neighborhood	TCEQ	N
484391006	600½ Congress Street, Fort Worth	Fort Worth-Arlington	32.75889	-97.34222	Urban / City Ctr	PM2.5	4/1/2001	SLAMS	Sequential FRM / Gravimetric	24-Hour 1/3 Day	Highest Concentration / Population Exposure	Neighborhood	TCEQ	Y
484392003	Alta Vista Road, Fort Worth	Fort Worth-Arlington	32.92194	-97.28194	Rural	O3	7/16/1997	SLAMS	UV Photometric	Continuous	Highest Concentration / Population Exposure	Neighborhood	TCEQ	Y
484392003	Alta Vista Road, Fort Worth	Fort Worth-Arlington	32.92194	-97.28194	Rural	NO2	4/10/2010	SPM	Chemi-luminescence	Continuous	Highest Concentration / Population Exposure	Neighborhood	TCEQ	Y
484393009	4100 Fairway Drive, Grapevine	Fort Worth-Arlington	32.98417	-97.06361	Suburban	NO2	9/12/2000	PAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484393009	4100 Fairway Drive, Grapevine	Fort Worth-Arlington	32.98417	-97.06361	Suburban	O3	8/23/2000	PAMS	UV Photometric	Continuous	Max Ozone Concentration / Population Exposure	Neighborhood	TCEQ	Y
484393010	8900 West Freeway, White Settlement	Fort Worth-Arlington	32.7392	-97.47033	Suburban	PM10	1/2/2002	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Urban Scale	TCEQ	Y
484393010	8900 West Freeway, White Settlement	Fort Worth-Arlington	32.7392	-97.47033	Suburban	PM10, QC	1/2/2002	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	QA / Population Exposure	Urban Scale	TCEQ	Y

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
484393011	5504 South Collins Street, Arlington	Fort Worth-Arlington	32.65639	-97.08889	Suburban	CO	1/17/2002	SLAMS	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484393011	5504 South Collins Street, Arlington	Fort Worth-Arlington	32.65639	-97.08889	Suburban	NO2	1/17/2002	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484393011	5504 South Collins Street, Arlington	Fort Worth-Arlington	32.65639	-97.08889	Suburban	O3	1/22/2002	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484530014	3724 North Hills Drive, Austin	Austin-San Marcos	30.35443	-97.76026	Suburban	CO	5/31/1996	SPM	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484530014	3724 North Hills Drive, Austin	Austin-San Marcos	30.35443	-97.76026	Suburban	O3	9/20/1979	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484530020	12200 Lime Creek Road, Austin	Austin-San Marcos	30.48316	-97.87227	Rural	NO2	5/21/2007	SLAMS	Chemi-luminescence	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484530020	12200 Lime Creek Road, Austin	Austin-San Marcos	30.48316	-97.87227	Rural	O3	3/12/1997	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484530020	12200 Lime Creek Road, Austin	Austin-San Marcos	30.48316	-97.87227	Rural	PM2.5	6/27/2007	SLAMS Speciation	Sequential FRM / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
484530020	12200 Lime Creek Road, Austin	Austin-San Marcos	30.48316	-97.87227	Rural	PM10	1/1/2008	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
484530021	2600-B Webberville Road, Austin	Austin-San Marcos	30.26323	-97.71288	Urban / City Ctr	PM10	10/21/1999	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
484530021	2600-B Webberville Road, Austin	Austin-San Marcos	30.26323	-97.71288	Urban / City Ctr	PM2.5	1/1/2008	SLAMS	Sequential FRM / Gravimetric	Daily	Population Exposure	Neighborhood	TCEQ	Y
484690003	106 Mockingbird Lane, Victoria	Victoria	28.8361	-97.0056	Urban / City Ctr	O3	1/21/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484790016	West End Washington Street, Laredo	Laredo	27.51083	-99.51972	Urban / City Ctr	CO	2/3/1998	SPM	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484790016	West End Washington Street, Laredo	Laredo	27.51083	-99.51972	Urban / City Ctr	O3	2/3/1998	SLAMS	UV Photometric	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484790016	West End Washington Street, Laredo	Laredo	27.51083	-99.51972	Urban / City Ctr	PM10	2/15/1996	SLAMS	HiVol / Gravimetric	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
484790016	West End Washington Street, Laredo	Laredo	27.51083	-99.51972	Urban / City Ctr	TSP-Lead	9/12/1996	SPM	HiVol / ICP-AES	24-Hour 1/6 Day	Population Exposure	Neighborhood	TCEQ	Y
484790017	700 Zaragoza Street, Laredo	Laredo	27.50167	-99.50306	Urban / City Ctr	CO	9/21/1999	SPM	Gas Filter Correlation	Continuous	Population Exposure	Neighborhood	TCEQ	Y
484790017	700 Zaragoza Street, Laredo	Laredo	27.50167	-99.50306	Urban / City Ctr	PM10	10/3/1999	SPM	HiVol / Gravimetric	24-Hour 1/6 Day	Highest Concentration	Micro Scale	TCEQ	Y
Legend														
AQS	Air Quality System		QA	Quality Assurance			GC	Gas Chromatograph						
MSA	Metropolitan Statistical Area		QC	Quality Control Sampler			UV	Ultraviolet						
CBSA	Core Based Statistical Area		O3	Ozone			24-Hour 1/6 Day	24-Hour Sample, Once every Sixth Day						
QAPP	Quality Assurance Project Plan		CO	Carbon Monoxide			24-Hour 1/3 Day	24-Hour Sample, Once every Third Day						
PQAO	Primary Quality Assurance Organization		NO2	Nitrogen Dioxide			VOC	Volatile Organic Compounds						
NAAQS	National Air Quality Standards		SO2	Sulfur Dioxide			ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy						

Appendix B TCEQ Criteria Pollutant, Photochemical Air Monitoring Station (PAMS), Speciation Trend (STN), and National Core (NCore) Networks
(Legend at End)

AQS Site ID	Address/Location	MSA / CBSA	Latitude	Longitude	Location Setting	Sampler Type	Sampler Start Date	QAPP	Sampling Method / Analysis	Operating Schedule	Monitoring Objective	Spatial Scale	PQAO*	NAAQS Comparable
PAMS	Photochemical Assessment Monitoring Stations		PM10	Particulate Matter ≤10 Microns			Urban / City Ctr		Urban and City Center					
SLAMS	State and Local Air Monitoring Stations		PM2.5	Particulate Matter ≤2.5 Microns			24-1 Hr Avg, Daily		24-Hour Averages, Daily					
STN	Speciation Trend Network		TSP	Total Suspended Particles										
SPM	Special Purpose Monitor		TNMOC	Total Nonmethane Organic Carbon										
TCEQ	Texas Commission on Environmental Quality		HiVol	High Volume										
COH	City of Houston Local Program		FRM	Federal Reference Method										
COEP	City of El Paso Local Program		TBD	To Be Determined										
GCHD	Galveston County Health Department													
PQAO*	This shows the PQAO status in AQS as of May 7, 2010.													
Note:	This list of sites is from the TCEQ database as of May 7, 2010.													