



Texas Commission on Environmental Quality (TCEQ)

Chapter 115 - Stage II Stakeholder Meeting

Air Quality Division

October 2012



Overview

- Current Stage II Regulations
- United States Environmental Protection Agency (EPA) EPA Decommissioning Regulations for Stage II
- Federal Air Quality Requirements
- Volatile Organic Compounds (VOC) Emissions
- Decommissioning
- Stakeholder Comments
- Relevant Web Pages
- Contact Information



Current Stage II Regulations

- The Stage II program is a control strategy for certain ozone nonattainment areas to control VOC.
- TCEQ regulations require all gasoline dispensing facilities (GDF) constructed after November 15, 1992 to install Stage II.
- TCEQ executed an Enforcement Discretion Directive for GDFs that have not installed Stage II as of May 16, 2012.



Current Stage II Regulations

- Stage II Areas:
 - Beaumont-Port Arthur Area (BPA)
 - Hardin, Jefferson, and Orange Counties
 - Dallas-Fort Worth Area (DFW)
 - Collin, Dallas, Denton, and Tarrant Counties
 - El Paso County (ELP)
 - Houston-Galveston-Brazoria Area (HGB)
 - Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties

Texas Stage II Program

ELP

DFW

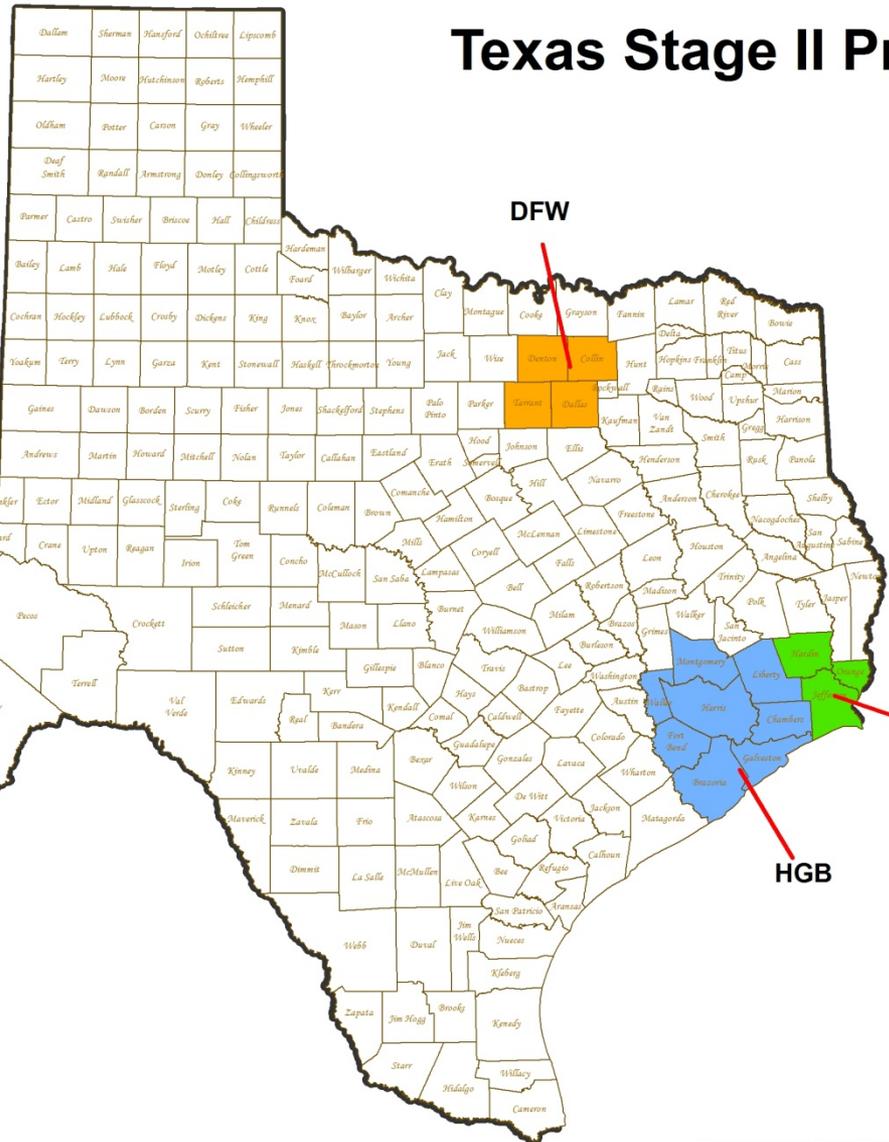
BPA

HGB

Legend

Stage II Areas

- No Stage II Program
- Beaumont/Port Arthur - BPA
- Dallas/Fort Worth - DFW
- El Paso - ELP
- Houston/Galveston/Brazoria - HGB



This map was generated by the Office of Air, Air Quality Division of the Texas Commission on Environmental Quality and is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For information concerning this map, contact the Air Quality Division at (512) 239-1459. March 14, 2012 Lisa Shuvalov 512-239-4484



EPA Decommissioning Regulations for Stage II

- EPA finalized a rule determining that on-board refueling vapor recovery (ORVR) technology is in widespread use.
 - Rule finalized May 16, 2012
 - Removes requirements to expand Stage II program
 - Provides states the opportunity to possibly remove Stage II given:
 - No negative effect on the air quality
 - Does not have a negative effect on transportation conformity requirements and the vehicle emissions budget



Federal Air Quality Requirements

- Federal Clean Air Act (FCAA) §110(I)
 - Federal requirement for states to demonstrate there is no negative effect on the air quality.
 - Analysis must be done for each program area demonstrating that the air quality will not be affected by the decommissioning of, or failure to install, Stage II equipment.
 - The analysis is the evidence that is required for the Stage II State Implementation Plan (SIP) revision.



VOC Emissions

The decommissioning of Stage II may result in increased VOC emissions.

TPD	2012	2014	2016	2018
BPA	0.24	0.17	0.11	0.08
DFW	2.42	1.59	1.01	0.72
ELP	0.32	0.22	0.15	0.11
HGB	2.36	1.54	0.94	0.67

TPD = Tons Per Day



Decommissioning

- TCEQ Rulemaking and SIP Revisions
 - Tentative proposal – April 2013
 - Tentative adoption – October 2013
 - According to the EPA Guidance, the EPA has up to 18 months to approve the SIP.
- Maintaining of Stage II Equipment
 - GDFs must maintain, monitor, and test Stage II equipment until decommissioned.



Decommissioning

- Cost of Decommissioning
 - \$400-\$600/Dispenser
 - Price Depends on Equipment/Contractor
 - Includes Installation and Labor Costs
 - 4-dispenser GDF = \$1,600-\$2,400
 - 12-dispenser GDF = \$4,800-\$7,200

- Estimated Labor Hours for Site Decommissioning
 - Two Hours Labor Needed per Dispenser
 - 4-Dispenser GDF = 8 hours (1 day)
 - 12-Dispenser GDF = 16 hours (2 days)



Stakeholders Comments

- TCEQ is seeking informal stakeholder comments on the following possible changes to the Stage II program
 - Decommissioning the Stage II Program
 - Timeframe
 - Costs
 - Equipment Availability
 - Decommissioning Process
 - Possible Issues



Stakeholder Comments

- Electronic comments are preferable and may be submitted via e-mail to Santos.Olivarez@tceq.texas.gov.
 - All electronic comments should reference “Chapter 115 Stakeholder Group – Stage II” in the subject line.
- Mail comments to:
 - Santos Olivarez
 - TCEQ Air Quality Division, MC-206
 - P.O. Box 13087
 - Austin, TX 78711-3087
- Fax comments to (512) 239-5687.



Stakeholder Comments

- Accepting informal comments until **October 22, 2012**
- Seeking detailed informal comments on the decommissioning of Stage II
- When submitting informal comments:
 - clearly identify any confidential information;
 - provide as much detail and technical information as possible, including information on associated cost; and
 - if referencing a specific document, please provide a copy, Web link, or citation for the information.
- Comments will be posted on the Chapter 115 stakeholder Web page.



Relevant Web Pages

- Stage II Stakeholders Group Web page
 - http://www.tceq.texas.gov/airquality/stationary-rules/stakeholder/115_stakeholder
- TCEQ Stage I and II Vapor Recovery Page
 - http://www.tceq.texas.gov/airquality/mobilesource/vapor_recovery.html



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