

ENVIRONMENTAL IMPACTS OF GAS DRILLING



Presented to the City Council

By the City Manager's Office,
Texas Commission on Environmental Quality, and
Environmental Management Department

January 12, 2010

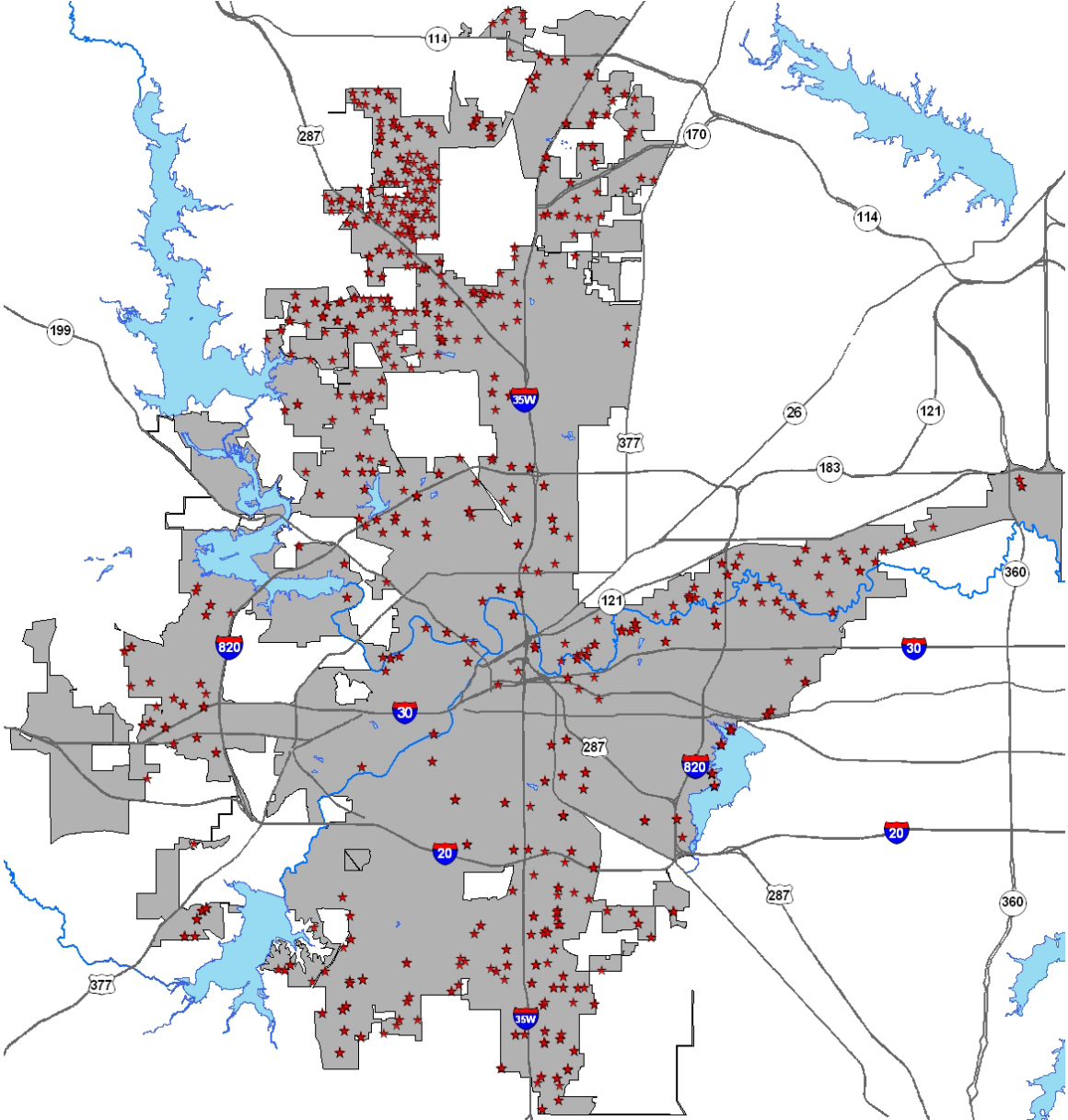
OUTLINE

1. Introduction **Fernando Costa**
Assistant City Manager
2. Results of Recent Air Quality Testing **John Sadlier**
Deputy Director for Compliance and Enforcement
Texas Commission on Environmental Quality
3. Complaint and Investigation Procedures **John Sadlier**
4. Water Quality Impacts **Brian Boerner**
Environmental Management Director
5. Questions and Answers All

GAS WELLS

Permitted & Producing	1,551
Applying	50
Abandoned	30
TOTAL	1,631

As of 1/8/10



WHO DOES WHAT TO REGULATE GAS DRILLING

Regulatory Activity	Railroad Commission of Texas	Texas Commission on Environmental Quality	City Council	Planning and Development	Environmental Management	Transportation and Public Works	Water	Tarrant Regional Water District
Approving gas well sites	✓		✓	✓				
Inspecting gas wells	✓			✓				
Monitoring pipeline construction	✓							
Approving pipelines across City rights-of-way			✓	✓		✓	✓	
Approving truck routes				✓		✓		
Air quality testing and enforcement		✓						
Water quality testing		✓			✓		✓	✓
Water quality enforcement	✓	✓			✓			4

STATE/LOCAL/PRIVATE COOPERATION

January 5 Meeting Participants

- Texas Commission on Environmental Quality
- Railroad Commission of Texas
- City of Fort Worth
- Texas Pipeline Association
- Barnett Shale Energy Education Council
- Major operators
 - Chesapeake*
 - Devon*
 - Quicksilver*
 - XTO*

Purpose

- Coordinate urban and rural study efforts.
- Ensure consistency of scientific protocols.
- Establish TCEQ oversight.

Next Steps

- Form technical sub-committee.
- Develop study scope and protocols.
- Develop public education materials and communication plan.

