

# City of Dallas Regulated Air Quality Programs

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**City of Dallas**

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City of Dallas

# Overview



- Introduction
- Air Compliance Program
- Air Monitoring Program
- Questions - Discussion



# Regulated Air Programs



## Key Points

- EQS Regulatory Air Programs are majority funded by Texas Commission and Environmental Quality (TCEQ) Grants
- Regulatory Air Programs (Grantees) act as independent contractors for the TCEQ
- Required to follow the scope of work provided by TCEQ, including; procedures, methods, and performance guidelines
- TCEQ conducts audits on all Regulatory Air Programs



**Dallas Hinton  
Air Monitoring Site**





# Air Compliance Program (ACP)



- The Air Compliance Program (ACP) is comprised of 6 compliance investigators and a manager who enforce state air quality rules in the City of Dallas and act as local contractors on behalf of TCEQ
- ACP operates under a four-year grant agreement with the TCEQ
  - Effective Dates: 9/1/2018 thru 8/31/2022
  - 67% of Total Program Costs are funded by TCEQ
  - 33% Match Requirement (City)
  - FY22 Program Budget \$670,527.00
- Unit 4298, 8 FTE's: 1 Manager II, 1 Env. Coordinator II, 5 Env. Specialists, 1 Admin



# Air Compliance Program (ACP)



- **Regulatory Activities under this program**

- Enforce state air quality rules
- Inspect local industrial/commercial facilities and sources of gasoline vapors (427 in FY21)
  - FY21: **427** Permitted Facility Inspections
- Respond to 311 complaints
  - FY21: **174** Complaint Responses
  - Each officer attends routine TCEQ training to help effectively investigate complaints

- **TCEQ Air Program Audits**

- Monthly TCEQ inspection report audits
- Annual TCEQ ride-alongs with inspectors

- **Revenue Generating Activities**

- Air Pollution Emission Fee adopted budget \$87,500
- SAP Billing System Management



Texas Instruments – Dallas Campus





# Ambient Air Monitoring Program (AAMP)



- Ambient Air Monitoring Program (AAMP) created to monitor the air we breathe for harmful pollutants, verify Clean Air Act compliance, and provide regional air quality data
- City acts as an extension of TCEQ for monitoring the ambient air quality
- 89% of AAMP costs are funded by State and Federal Grants
- Unit 4241, 9 FTE's: 1 Manager II, 1 Env. Coordinator, 6 Env. Specialists, 1 Admin
- FY22 Budget - \$881,763.00



Dallas Bexar Site (Bonton)  
Meteorological "MET" Tower



# Ambient Air Monitoring Program (AAMP)



- EQS performs air monitoring for the US Department of Homeland Security [BioWatch Program](#)
- Program costs are 100% funded by the US Department of Homeland Security and passed through TCEQ to AAMP
  - Maximum authorized grant reimbursement \$581,027.00
- The DHS BioWatch Program was established in 2003 to provide early warning of bioterrorist attacks in more than 30 major metropolitan areas.
- We have more than 20 air monitoring sites dedicated to this program. Every site is visited 7 days a week, 365 days a year. Holidays included





# Ambient Air Monitoring Program (AAMP)



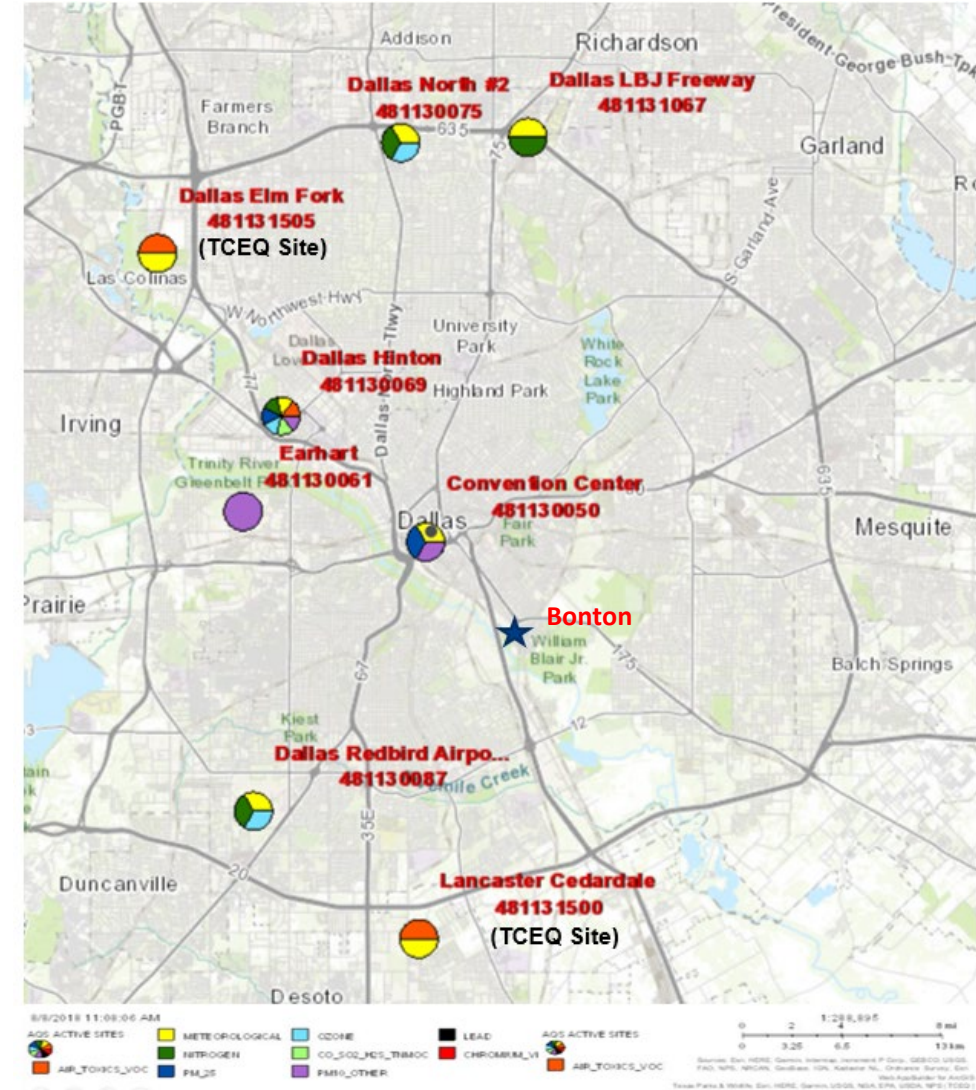
- Pollutant Criteria Monitoring is conducted to verify compliance with the Federal Clean Air Act for several criteria air pollutants, including: ground level ozone, nitrous oxide, particulate matter, carbon monoxide, and sulfur dioxide.
- Data is transmitted to the TCEQ and used evaluate pollutant trends, forecast daily air quality conditions, perform air quality and human health impact studies, and inform regulatory decisions.
- AAMP receives funding from (2) TCEQ grant contracts:
  - **105 Ambient Air Contract**
    - Effective Dates: 9/1/2021 thru 8/31/2023
    - 67% of Program Costs are funded by TCEQ
  - **Rockwall/PM2.5 Air Contract**
    - Effective Dates: 9/1/2022 thru 8/31/2022
    - ***TCEQ funds 100 % of Program Costs***





## Air Monitor Site Map

- Seven air monitors sites are strategically located throughout the City (*1 monitor is located in City of Rockwall and added additional samplers South of Downtown in the Bonton Community*)
- **AAMP Operations**
  - Set-up sampling sites per TCEQ instructions
  - Verify that sampling stations operate properly
  - Deliver physical samples to local laboratory
  - Regular coordination and communication with the Regional and State Offices
  - Training is coordinated through TCEQ
- **AAMP Audit Schedule (Internal & External)**
  - Internal monthly and quarterly audits on monitoring equipment
  - TCEQ audits all sampling equipment annually



# Summary



- 4 TCEQ Air Contracts
  - 3 Contracts will be on the Council Agenda in August 2022
- Staff is highly trained and experienced
- Attend TCEQ and EPA training programs
- Operate complex National and State Air Monitoring Networks
- Approximately \$1.3 million federal and state grant funds are awarded to Regulated Air Programs annually







# QUESTIONS?

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