



Upcoming Regulatory Changes: Peering into a Cloudy Crystal Ball

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My comments tonight represent my opinions and not those of the TCEQ nor the USEPA's Science Advisory Board



Oil & Gas Activity

- Should continue to grow
- Associated industries are growing and should continue
 - Pipelines
 - Refining
 - Chemical
- State budget
 - \$9B (8%) increase next biennium
 - \$4.2B carry-over from this biennium
 - Biggest increases
 - Natural Gas Production Tax
 - Oil Production Tax
 - Indirectly increases other revenue sources
 - Sales Tax, Hotel Tax, etc.



TCEQ Air Permitting

- Expedite and streamline while not impacting public health or public input
- Readily Available Permits
- HB 1708 (Lozano); SB 698 (Birdwell) - Chairs
 - Would authorize TCEQ to collect fees for expedited permits and use the money to pay for FTEs that would not count against salary cap
- HB 1747 (Lozano)
 - Would authorize TCEQ to be appropriated these fees



Other Key Bills

- TERP
 - HB 813* – LIRAP
 - HBs 1043*, 1746, 2093, 2094, 2581* – TERP funding
- Concrete Batch Plants, Aggregate production – HBs 907*, 908*, 909*, 999*, 1280*, 1309*, 1310*; SBs 208*, 694, 1247*
- Contested Case Hearings - HBs 654*, 1804, 1963; SBs 573*, 1242*
- Permits in Certain Low-Income and Minority Communities – SB 180*
- Remediation, Carcinogenic risk level for TRRP - HB 893* –
- Drinking Water, lead in schools - HB 997*

* = Referred to Committee

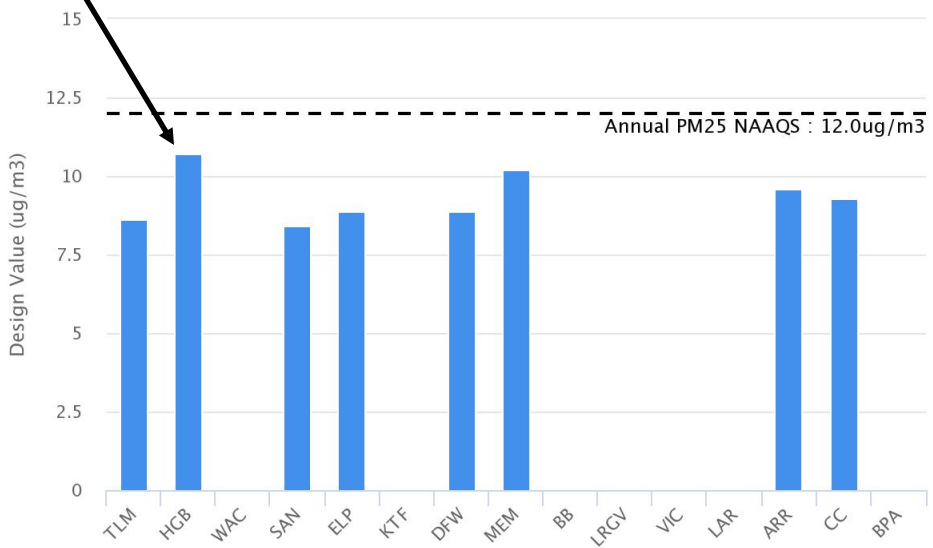


EPA NAAQS Reviews

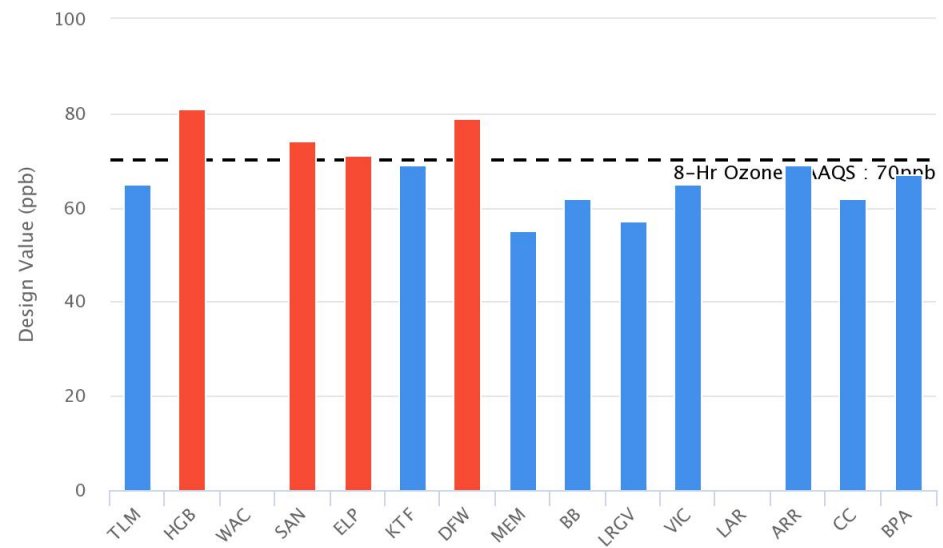
- Particulate Matter and Ozone standards under review
- Expect to finalize standards for ozone in 2020 and PM in 2022

HGB DV = 10.7 ug/m3

2017 Annual PM25 Design Value by Area



2017 8-Hr Ozone Design Value by Area





EPA: Per- and Polyfluoroalkyl Substances (PFASs)

- Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA)
 - Drinking water standard process
 - 6 PSAS were included in UCMR3 (2013-2015)
 - Texas results
 - 7 detections/17,748 samples
 - 2 out of 387 systems sampled (City of Abilene - 6 detections; City of Port Lavaca - 1 detection)
 - Will be included again in UCMR5
 - Cleanup
 - Designating PFOS and PFOA as hazardous substances and developing interim groundwater cleanup standards
 - TCEQ – Have groundwater and soil cleanup standards for 16 PFASs



EPA: Per- and Polyfluoroalkyl Substances (PFASs)

- Toxics
 - Addition of PFASs to Toxics Release Inventory
 - Evaluate under TSCA (could lead to prohibition of uses)



EPA Risk & Technology Reviews (RTRs)

- FCAA requires EPA to review both the risk and technology after application of maximum achievable control technology (MACT) standards; aka residual risk
- Dozens of MACT standards, EPA got behind, was sued, now on court-ordered or consent decreed deadline
- 2010 - SAB reviewed RTR methods for 2 MACTs (Petroleum Refining Sources and Portland Cement Manufacturing)
- Sept. 2018 – SAB reviewed screening process for RTRs



EPA Risk & Technology Reviews (RTRs)

# RTRs Due	Year
7	2018
26	2020
9	2021

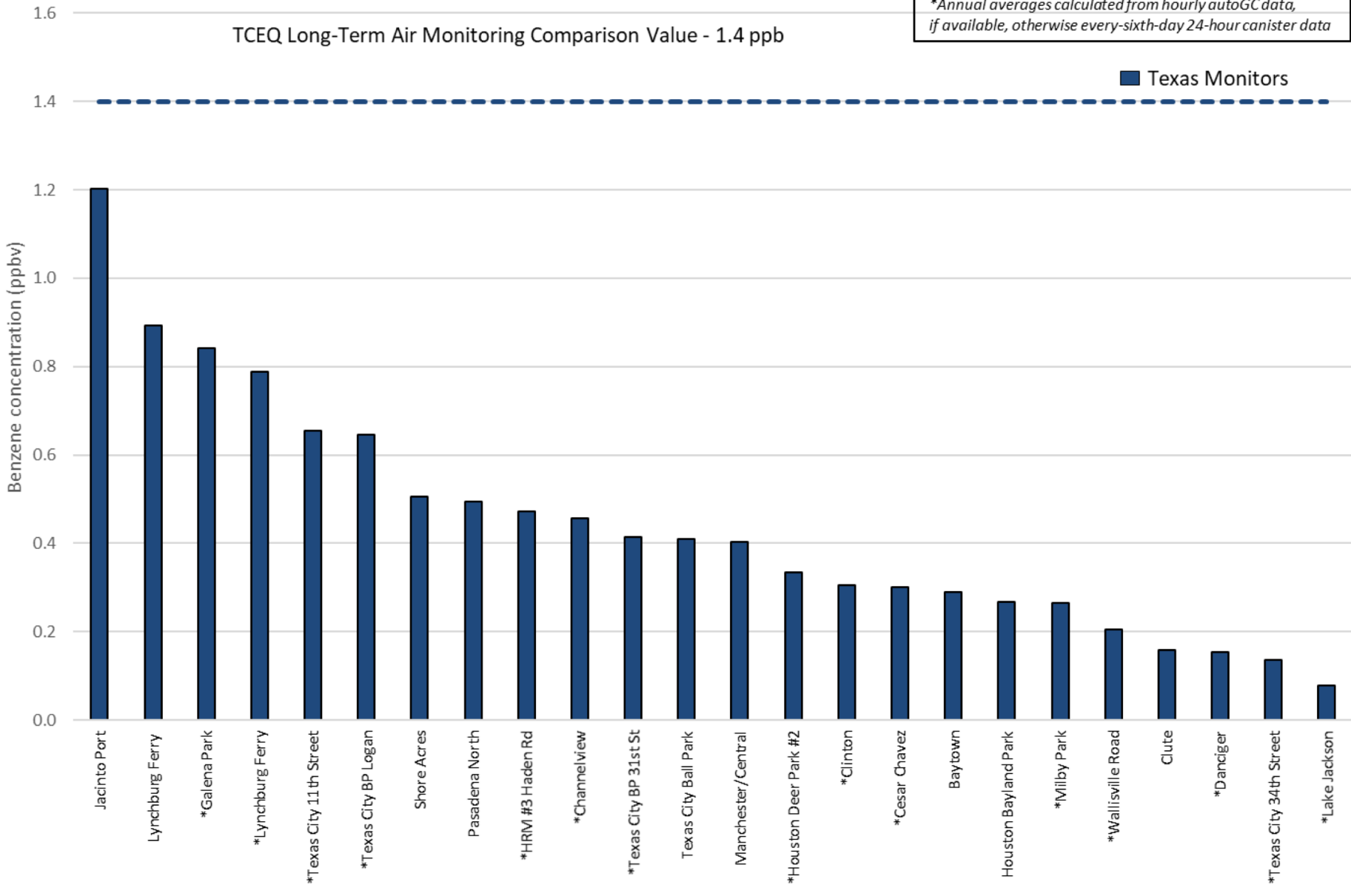
The results of the RTRs could result in additional permitting, monitoring, or other types of requirements

2016 Average Benzene Concentrations at Air Monitoring Sites in R12, Houston

Incomplete data set; monitor had less than 75% data return.
*Annual averages calculated from hourly autoGC data, if available, otherwise every-sixth-day 24-hour canister data

TCEQ Long-Term Air Monitoring Comparison Value - 1.4 ppbv

■ Texas Monitors





Questions?