

EPA REGION 6

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EPA 50TH ANNIVERSARY



Water: 92% community water systems meet health-based standards

Air: Reduced 6 criteria air pollutants by 73%

Children's Health: Blood lead levels decreased by 95%

Superfund: 242 removal actions

Brownfields: Leverage over 150,000 jobs and \$28B

Waste Management: Cleanup of more than 493,000 releases of underground storage tanks



REGULATORY CERTAINTY AND EFFECTIVENESS

CAA: NSPS Amendments

- 8/28/2019 – Proposed amendments
- Remove duplication of GHG and methane emission standards
- Save \$17-19 million/year for oil and gas industry
- 8/13/2020 – Finalized Rule

O&G Flyovers in Region 6

- Identify unit flares and leaks
- Reductions of 14M pounds of VOC & 440K pounds of hydrogen sulfide





EFFECTIVE PARTNERSHIPS



Water Resources and Reuse

- 80% of States anticipate water shortages by 2030
- National Water Reuse Action Plan
 - Comprehensive water resource diversification strategy
 - First implementation plan 2/27/2019

Alternative Uses of O&G Produced Wastewater

- EPA Study of Management of Produced Water
 - Evaluate opportunities to increase reuse of produced water
 - Assess support for potential regulations that may allow for broader discharge of O&G extraction wastewater under NPDES program

REGION 6 NPDES AUTHORIZATIONS

Texas

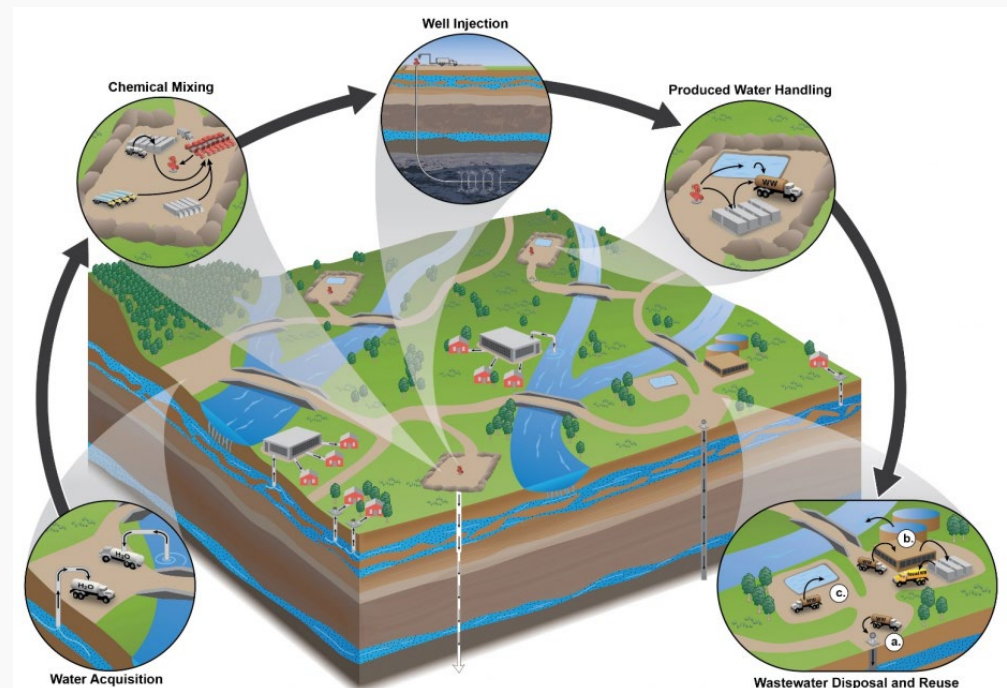
- June 14, 2019: Texas HB 2771 Signed
 - Transferred jurisdiction for permitting of oil and gas produced water, hydrostatic test water, and gas plant effluent from the Railroad Commission (RRC) to TCEQ
 - Required TCEQ to submit a request to supplement or amend its approved TPDES program to include authorization to permit discharges of produced water, hydrostatic test water and gas plant effluent, in accordance with CWA § 402(n)(3).

Oklahoma

- Dec 2019 request for modification to the OPDES Program to add produced water discharges

New Mexico

- July 1, 2019: NM HB 546
 - Produced Water Act

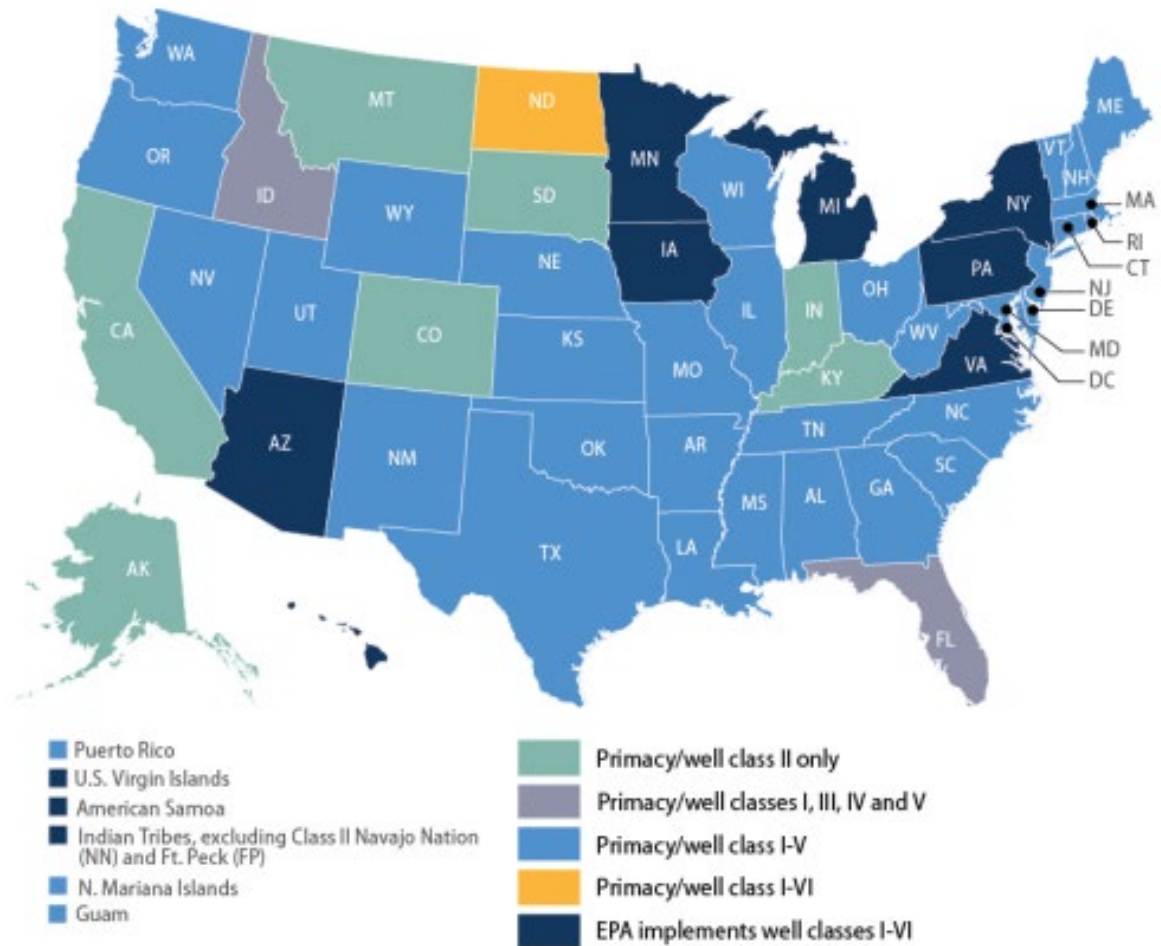




UIC STATE PRIMACY

SDWA UIC Class VI Wells

- Class VI Wells: IRS 45Q Carbon Sequestration Tax Credit
- 2008-2018
 - \$20/ton for CO₂ geologic storage
 - \$10/ton for CO₂ used for EOR or EGR
- 2018 Bipartisan Budget Act
 - \$50/ton for CO₂ geologic storage
 - \$35/ton for CO₂ used for EOR or EGR





CONCLUSION

