

REGULATORY UPDATES AND HIGHLIGHTS

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TOPICS

NPDES Updates for Industries Industrial Stormwater updates Clean Water Act PFAS Updates Wastewater Based Epidemiology

INDUSTRIAL WASTEWATER AND DEQ

DEQ*

- Paper and Allied Products
- Mineral Mining and Dressing
- Landfills
- Automobile Salvage Yards
- Food and Kindred Products
- Textile Mills

NOT DEQ*

- Certain Oil & Gas
- Agricultural Production
- Pesticide Application
- Produced water (so far)
- Any Activity in Indian Country within the State of Oklahoma

^{*}Examples of Activities. Contact DEQ for additional information.



ORGANIZATIONAL UPDATES



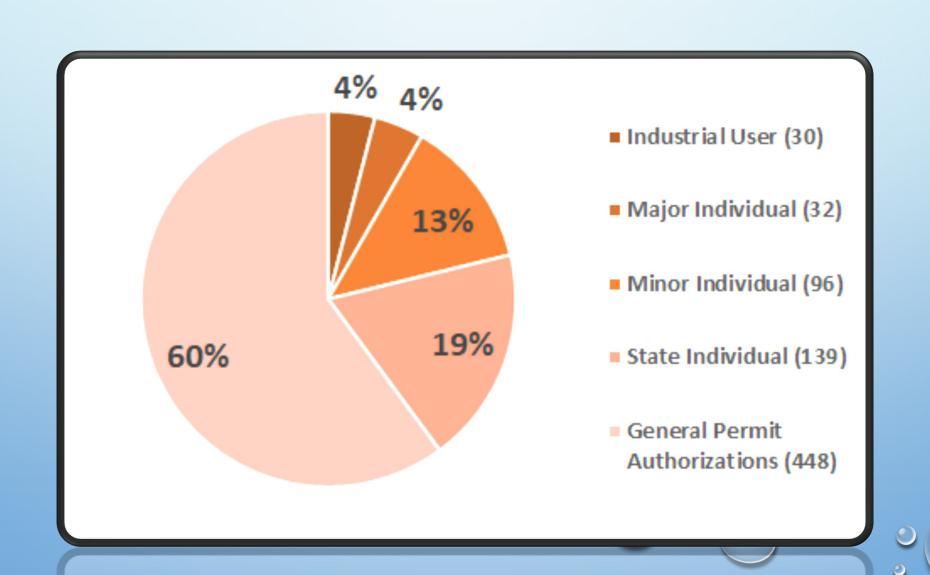
Brian Clagg Industrial Wastewater Group



Carol Paden Industrial Permitting Wayne Craney
Industrial Technical
Assistance and
Enforcement



INDUSTRIAL PERMITS



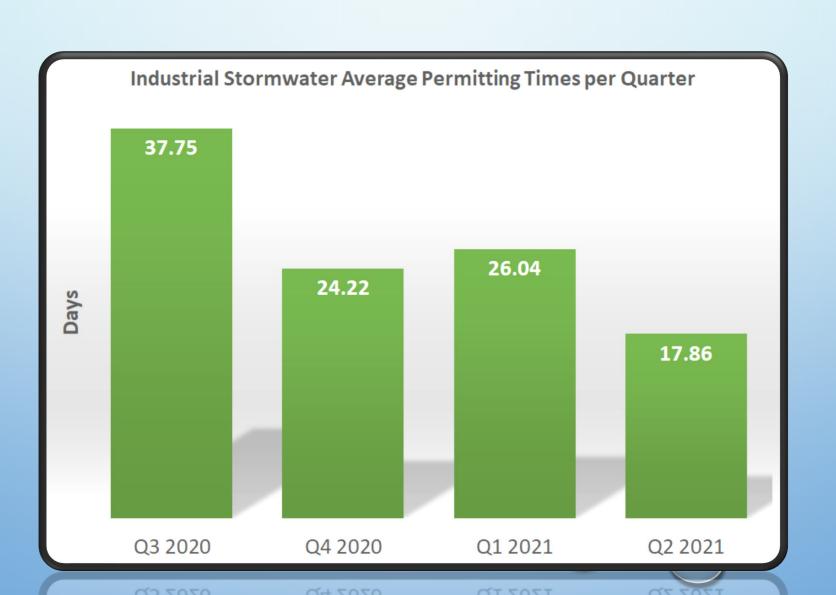
INDUSTRIAL GENERAL PERMIT RENEWAL SCHEDULE

PERMIT	EXPIRATION DATE	FISCAL YEAR
MOBILE CONCRETE BATCH PLANT (OKG11MT)	JUNE 7, 2022	FY22
UNDERGROUND STORAGE TANK (OKG83)	DECEMBER 31, 2022	FY23
VEHICLE WASH FACILITY (OKG75)	JANUARY 1, 2023	FY23
CLASS III TOTAL RETENTION IMPOUNDMENT (OKGC3T)	FEBRUARY 6, 2023	FY23
ROCK, SAND, AND GRAVEL QUARRY (OKG95)	JUNE 30, 2023	FY23
SURFACE COAL STRIP MINE (OKG04)	NOVEMBER 30, 2023	FY24
CONCRETE BATCH PLANT (OKG11)	FEBRUARY 29, 2024	FY24
HYDROSTATIC TEST (OKG27)	MARCH 31, 2025	FY25
MEDICAL MARIJUANA (OKG42T)	APRIL 30, 2025	FY25

INDUSTRIAL STORMATER AUTHORIZATIONS



FY21 INDUSTRIAL STORMWATER PERMIT TIMELINES



NEW AND UPCOMING

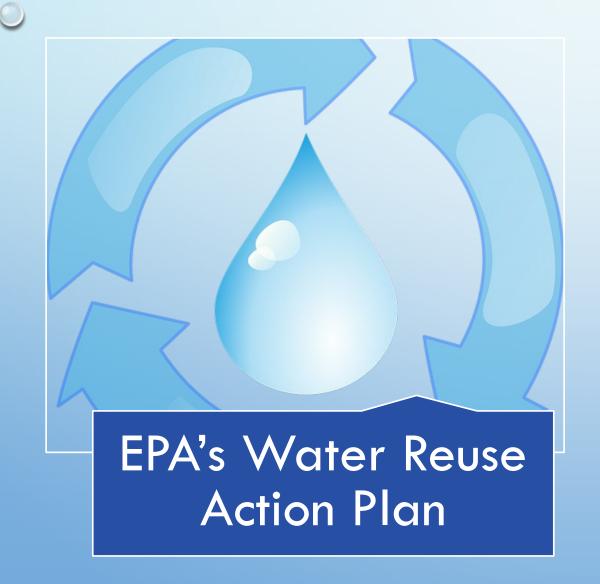


Meat Processors



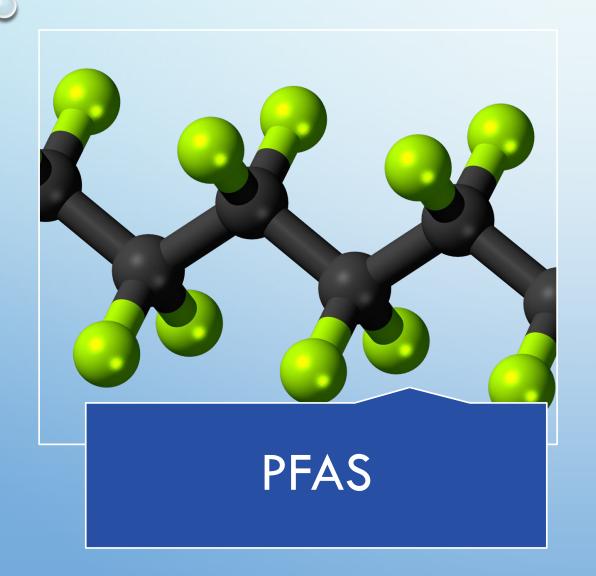
Medical Marijuana

NEW AND UPCOMING





NEW AND UPCOMING





INDUSTRIAL STORMWATER PERMIT TIMELINE

Summer 2021 Stakeholder meetings Fall 2021 Submit Draft to EPA Spring 2022
Public Comment
Period

Summer 2022 Issue Permit

EPA'S 2021 MSGP

ISSUED: 1/15/2021

EFFECTIVE: 3/1/2021

Facilities without sector-specific benchmarks conduct indicator monitoring for pH, TSS, and COD

Certain facilities conduct indicator monitoring for polycyclic aromatic hydrocarbons (PAHs)

Updates to benchmark values and benchmark monitoring schedule

Updates to monitoring for impaired waters without a TMDL

Additional Implementation Measures (AIM) for benchmark exceedances

DEQ'S 2022 MSGP

GOAL
EFFECTIVE
DATE:
7/5/2022

Does NOT have to match EPA's MSGP

Collaborate with stakeholders early

SWP3's will not be reviewed during renewal

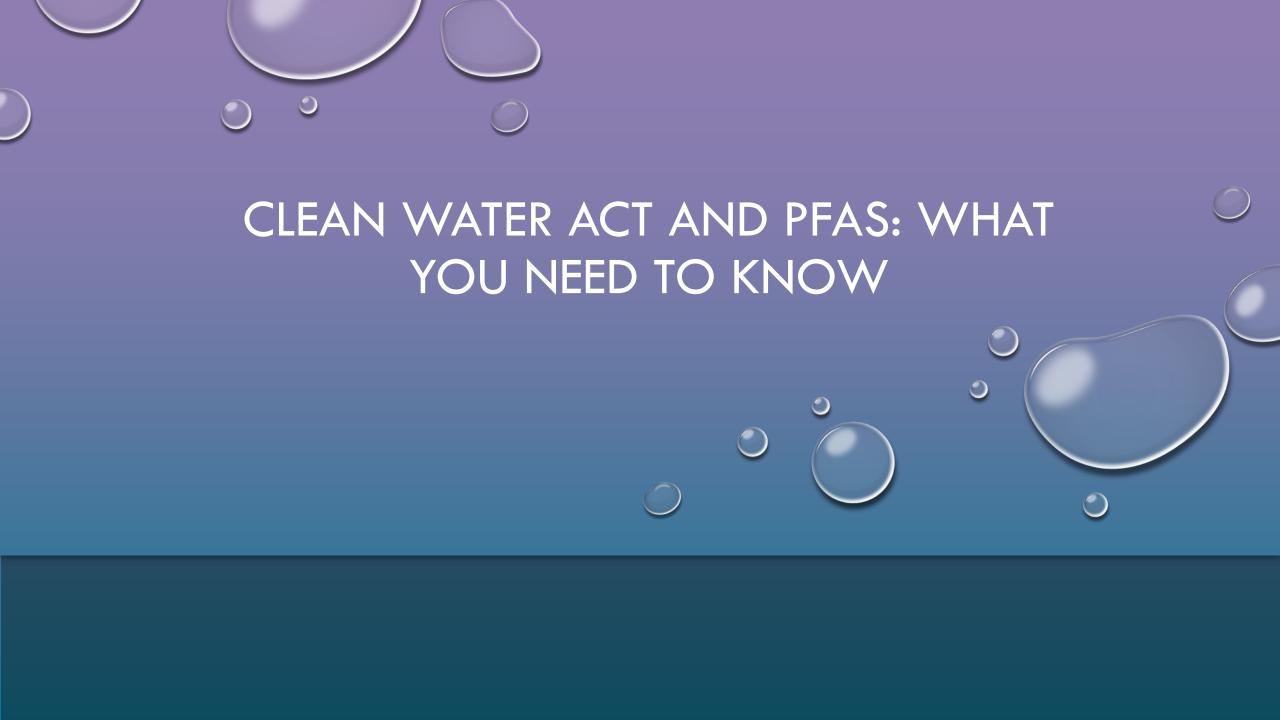
Goal: Online Application Forms (NOIs)

Goal: Online Payment Options

Stretch Goal: All forms online (ACSCER, NEC, NOT)



QUESTIONS?

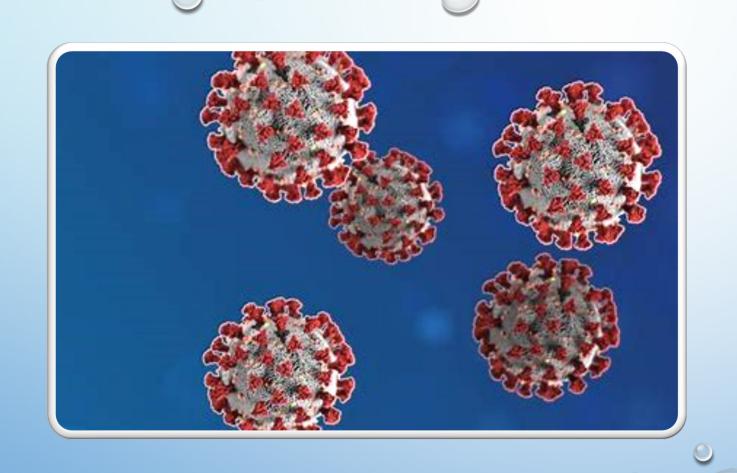




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NPDES PERMITS

- EPA LOOKING AT EFFLUENT LIMITATION GUIDELINES FOR PFAS CHEMICALS
- EPA ISSUED INDIVIDUAL AND GENERAL (STORMWATER) PERMITS WILL HAVE MONITORING REQUIREMENTS
- MONITORING REQUIREMENTS EFFECTIVE WHEN TEST
 METHOD POSTED TO EPA'S WEBSITE
- BIOSOLIDS TEST METHODS AND LIMITS BEING
 DISCUSSED



WASTEWATER
BASED
EPIDEMIOLOGY
AND COVID-19

OKLAHOMA WBE PROJECTS

University of Oklahoma Team

- OU Norman Campus
- OU Health
- OKC
- Norman
- Anadarko

CDC/Correctional Facilities Team

- Center for Disease Control and Prevention
- Water Environment Federation
- HACH
- OSEE
- DEQ
- DOC



OU PROJECTS



Monitoring Dorms

City of Norman Water Reclamation Facility

Monitoring 13 OKC Sewersheds

Monitoring City of Anadarko Collection System and Wastewater Treatment Plant













DEPARTMENT OF CORRECTIONS PARTICIPATING FACILITIES

Howard McLeod Correctional Center

John Lilley Correctional Center

Mack Alford Correctional Center

Jim E Hamilton Correctional Center

Dick Conner Correctional Center

FIELD MONITORING PILOT STUDY

Test Hach "field test" for Sars-CoV-2 virus

5 states – Oklahoma first state to participate

Monitor housing units

Real time results for real time decisions



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