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What are we doing about SNC?

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Compliance and Enforcement

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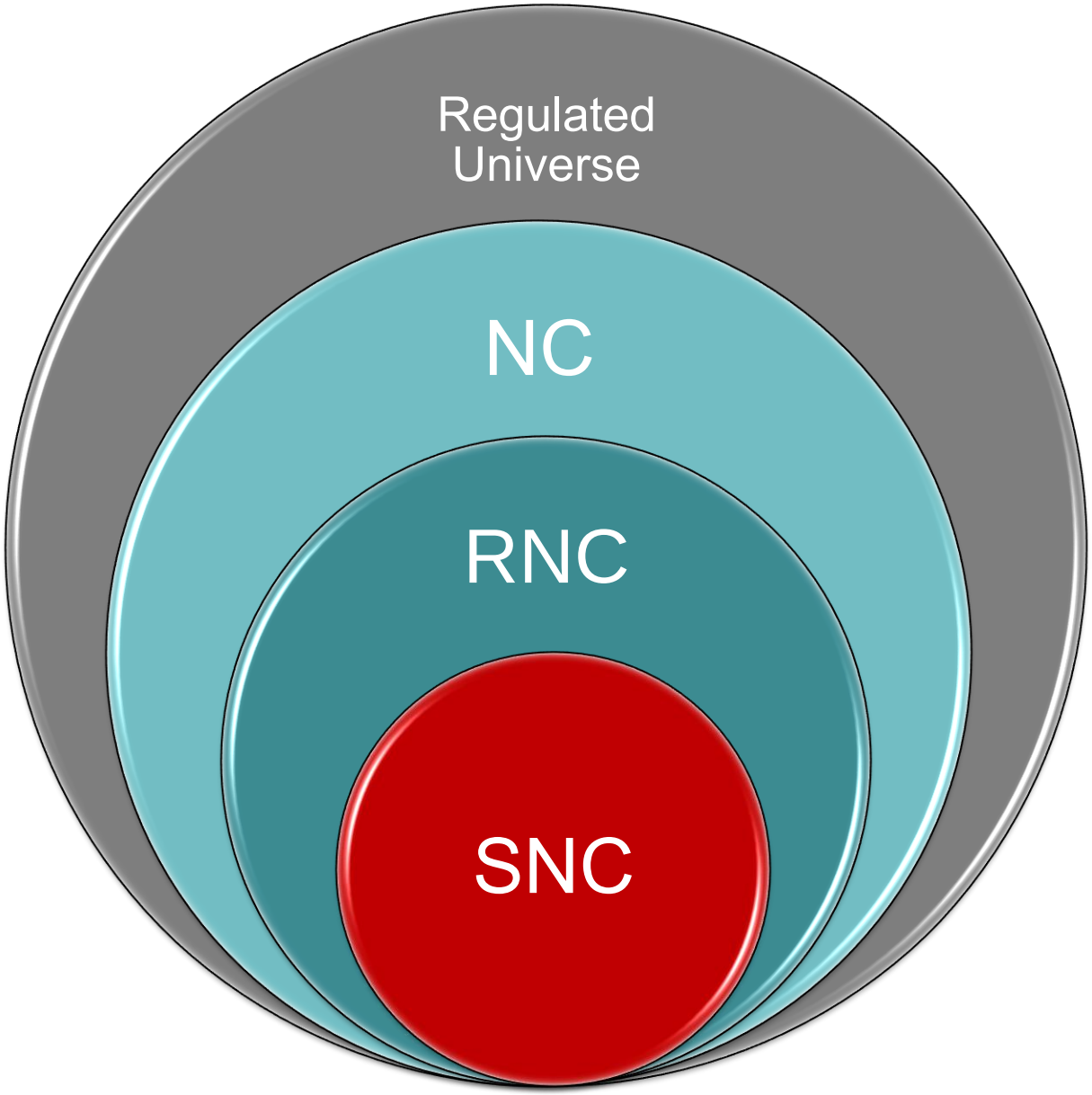

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Which Facilities?

All individually permitted NPDES facilities with serious violations (majors in SNC, and minors in category I RNC)

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SNC Violations

- Permitted effluent limitation violations
- Any effluent violation causing a water quality or health problem
- Unpermitted discharge
- Unauthorized bypass
- Pass through of pollutants
- Failure to implement or enforce a pretreatment program
- Discharge monitoring reports
- Pretreatment performance reports
- I&I reports
- Annual reports
- Sludge reports
- Permit Schedule Violations
- Pretreatment schedule milestone violations
- Administrative Order or Court Order milestone violations
- SNC if not complete within 90 days of scheduled date

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DNR's SNC Violations?

Majority of SNC Violations are related to:

- Reporting Violations
- Permitted Effluent Limitation Violations

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How does EPA Determine SNC?

- Identifies violations based on data, compared to permit requirements in ICIS
- Evaluates whether required data was received on time
- Recognizes formal enforcement actions

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ECHO

Code	Status	Level	Description
S	Noncompliant	SNC/Cat. 1	Enforcement action or permit compliance schedule event violation - more than 90 days late
E	Noncompliant	SNC/Cat. 1	Effluent violations of monthly average limits
X	Noncompliant	SNC/Cat. 1	Effluent violations of non-monthly average limits
T	Noncompliant	SNC/Cat. 1	Enforcement action or permit compliance report violation > 30 days late
D	Noncompliant	SNC/Cat. 1	Reporting violation - non-receipt of DMR

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ECHO

- Data available in ECHO 2.5 months after the end of the quarter
- Calculated on a 4 quarter rolling rate
- Each State is responsible for quality assurance on its data
- Critical for batch submission states like Missouri

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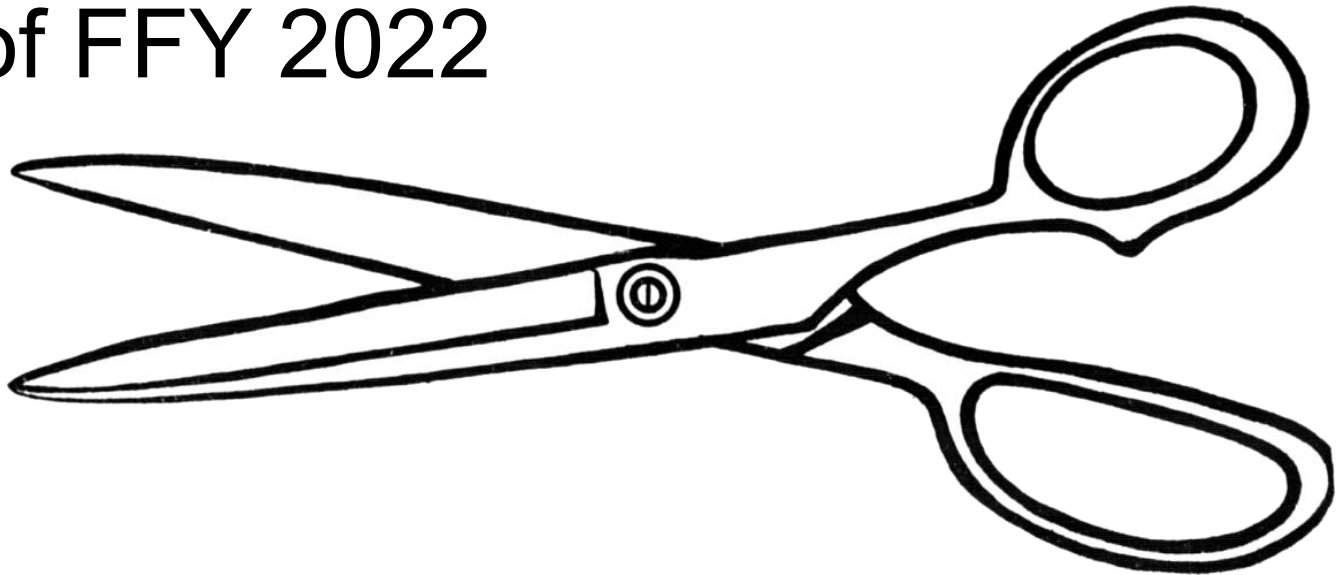
EPA National Compliance Initiative (NCI)

CWA NPDES SNC NCI

50% reduction NPDES SNC rate by end of FFY 2022



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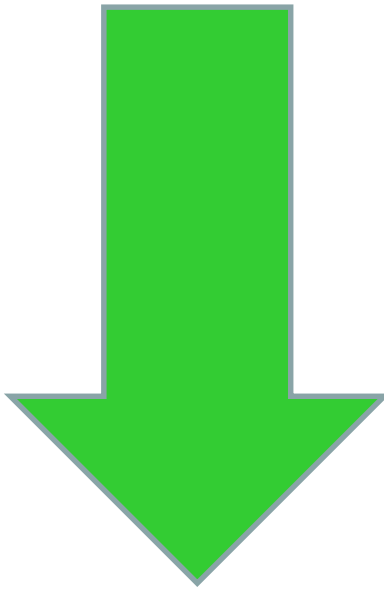
Current SNC Rate

ECHO data shows:

July-Sept 2019 SNC = 38%

Oct-Dec 2019SNC= 35.5%



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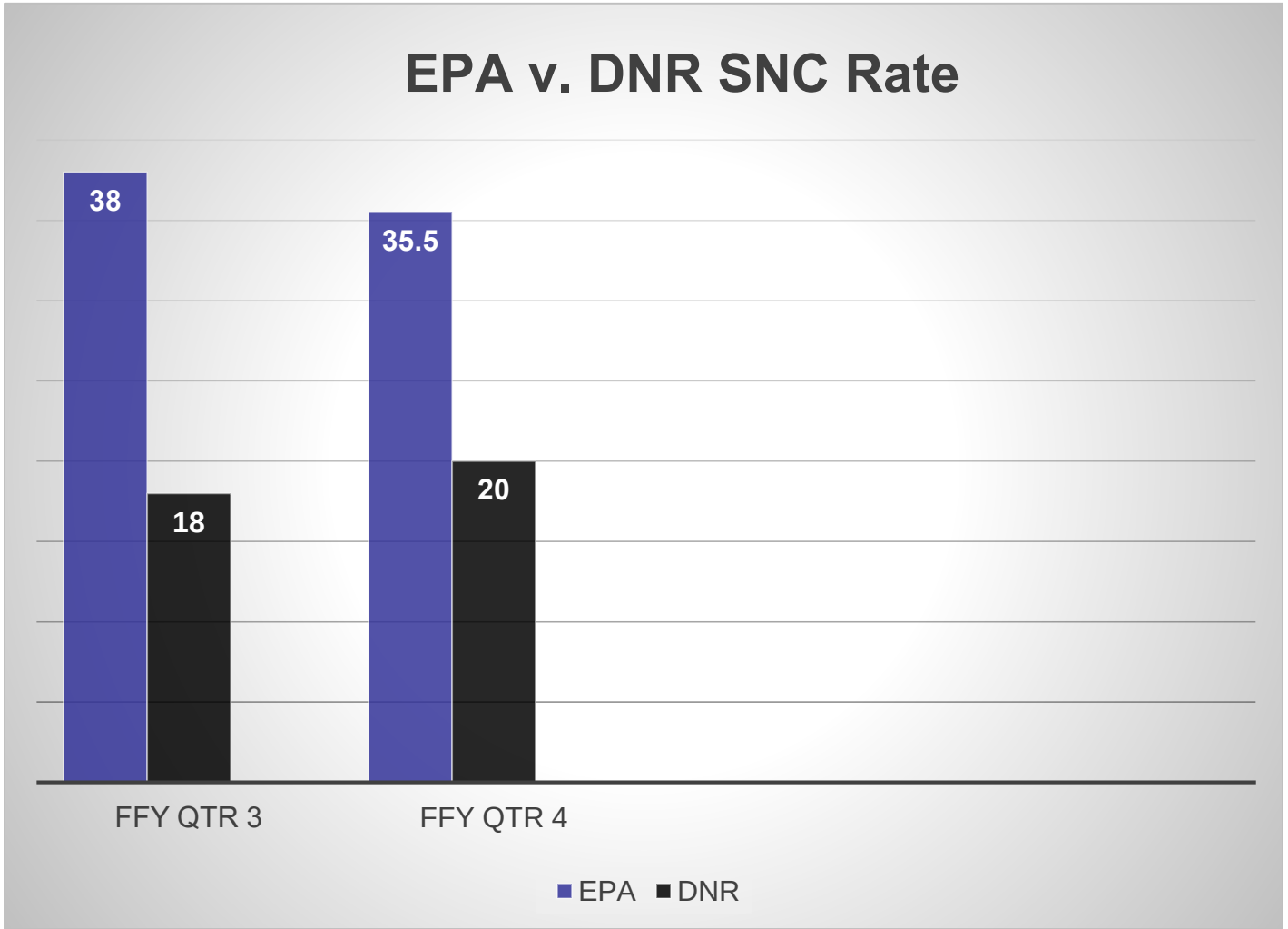
Missouri SNC Rate in ECHO?



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DNR Data vs. ECHO

EPA- # SNC facilities = 2579

DNR- # SNC facilities = 2405

Combined list = 4986

Facilities on both lists = 2309

Facilities on one list = 2675

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So, How Much of SNC is Bad Data?

- In ECHO DMR Violations mask Effluent Violations
- Removal of DMR Violations may not immediately reduce the number of facilities in SNC

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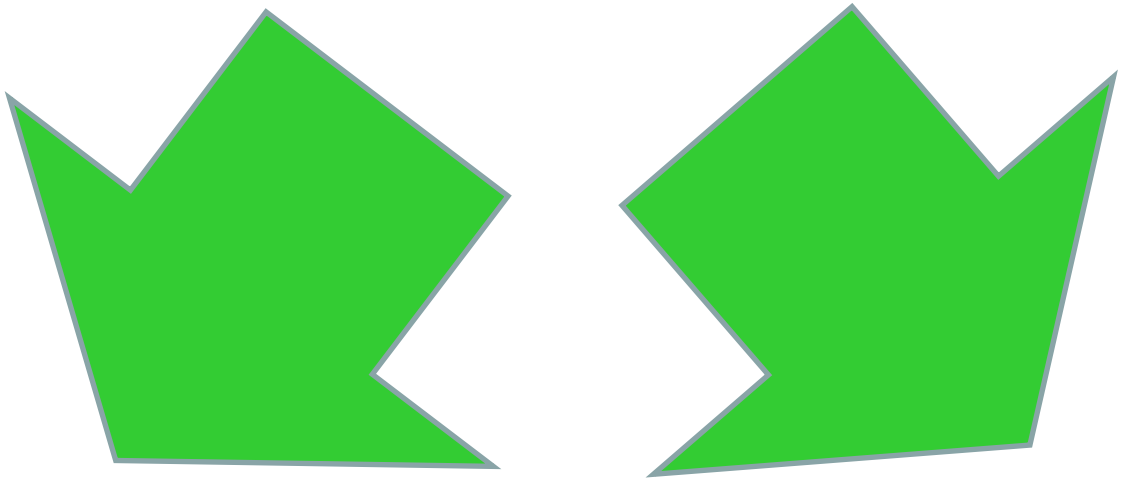
How will DNR Reduce SNC Rate?

We will use a 2 pronged approach



Data Errors

True Violations

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Address Data Errors

- Data Management
- EPA Assistance
  - Region 7 will assist with AOC Schedules
  - EPA contractor will help ID other error types
- C&E staff will assist with data correction

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Address True Violations

- Compliance assistance
  - Compliance and enforcement
  - Region staff compliance assistance
  - Additional assistance?
- Enforcement
  - AOC
  - Unilateral order

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SNC as State Budget Measures

- Non-reporters
- Effluent violations
- Expired permits

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Tools for SNC Reduction

- Compliance assistance
  - Phone calls
    - Auto-dialer
    - In- person
  - Record review letters
  - Targeted assistance
- Formal enforcement

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Compliance Assistance

- Use Dialer for specific reminders
- Share SNC statistics with staff monthly
- Distribute monthly action lists for specific parameters
- Monitor progress monthly

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Targeted Assistance
(Effluent Violations)

- Review DMR data, permit and inspections
- Suggest specific type of assistance
  - Operational improvements
  - Guidance for upgrades

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Questions, Issues, Ideas?