Evolution of Electronic Reporting

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ADEQ
Arizona Department
of Environmental Quality

Electronic Reporting – A Journey

Where Have We Been

Where Are We Going
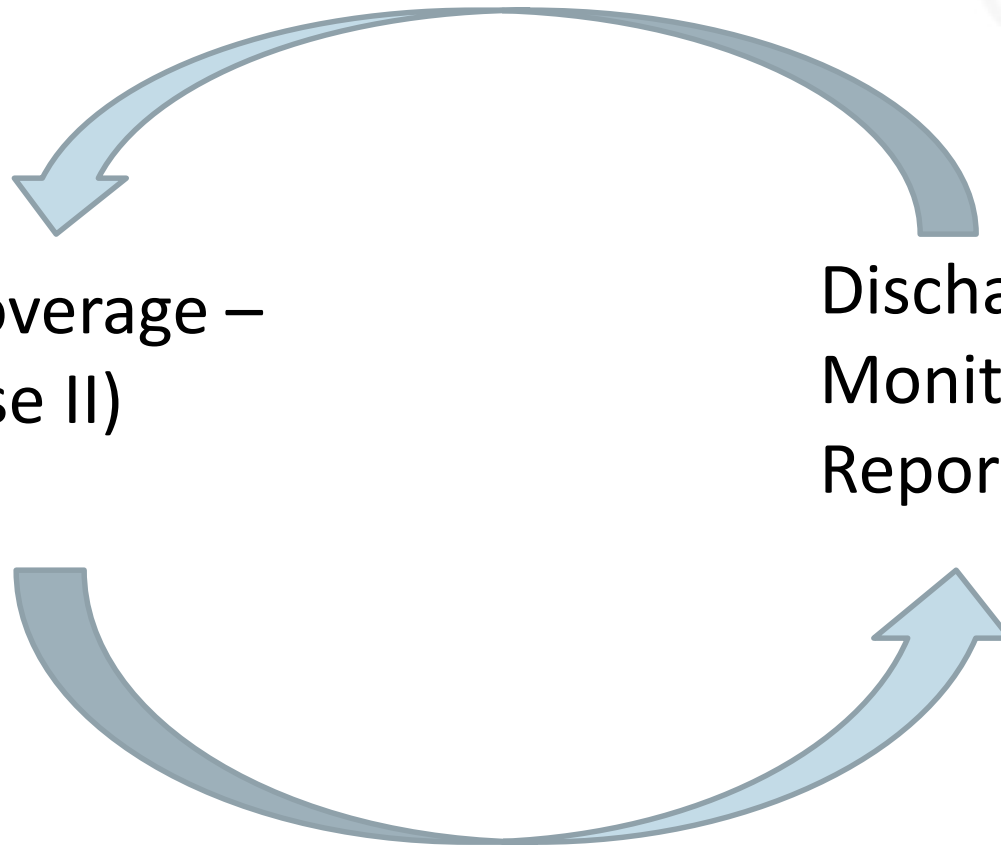
How best to implement electronic reporting?

Which comes first...?

Permit Coverage –
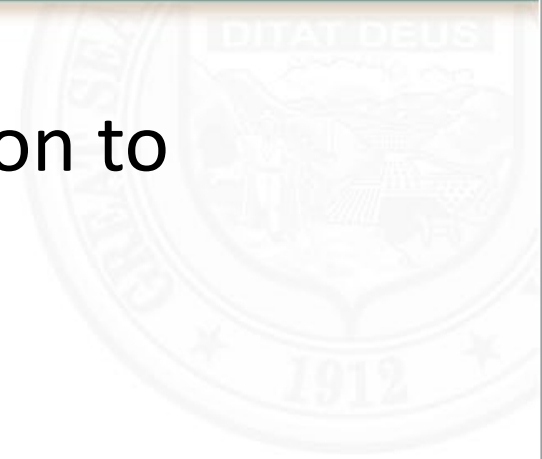NOI (Phase II)

Discharge
Monitoring
Report (Phase I)

ADEQ's Approach:

- Negotiate e-reporting schedule with EPA
- Build permitting path as a complete product

Notice of Intent → Reporting (DMR) → NOT

The NOI path provides the information to develop the DMR:

- Customer information

- Monitoring parameters

- Triggers for monitoring

- Monitoring and reporting frequency

Benefits of E-Notice of Intent (NOI):

- Completeness (mandatory fields)
- Business rules to lead customer to permitting requirements (poka-yoke)
- Built in tools for more accurate information

Mapping Tool to Assist Customers with Accurately Locating their Site
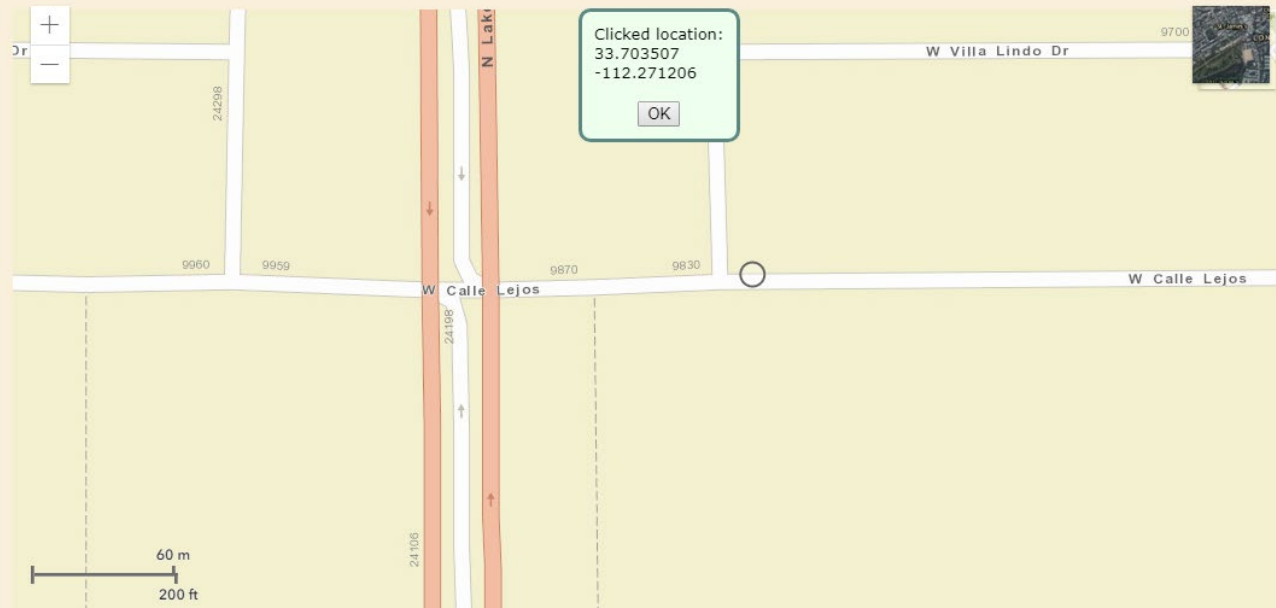
Example from Industrial Stormwater Permitting Path to Identify Sector(s)

Outfall Summary Table

Interactive Mapping Tool to Assist with Identifying Outfall Location(s)

Monitoring Requirements Generated Based on Customer Input

Customer's Dashboard to Manage Permit Actions

Historic Paper Filing and Management
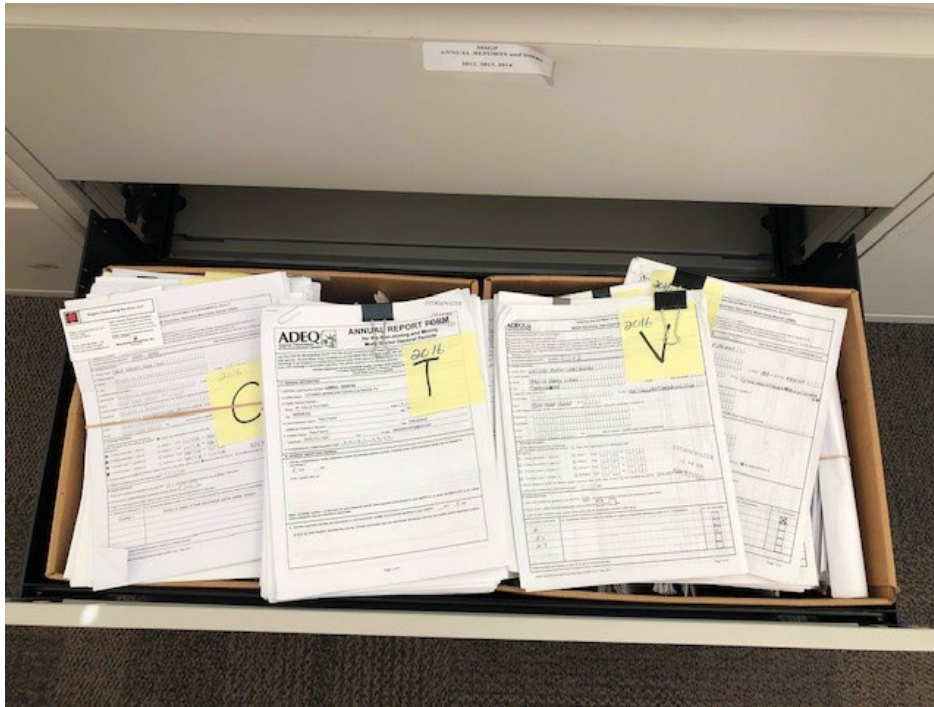
Internal ADEQ Dashboard to Manage Permitted Universe

ADEQ Internal Manager - Permit Information

ADEQ Internal Manager – Pending Actions

Benefits to electronic reporting:

- Less paper to manage

- Increases completeness and accuracy

- Easier to manage customer information

- More efficient for customers and staff

- More accurate and timely response

This all Equals <u>More Mission Outcome</u>!

Benefit of Electronic Data Submission
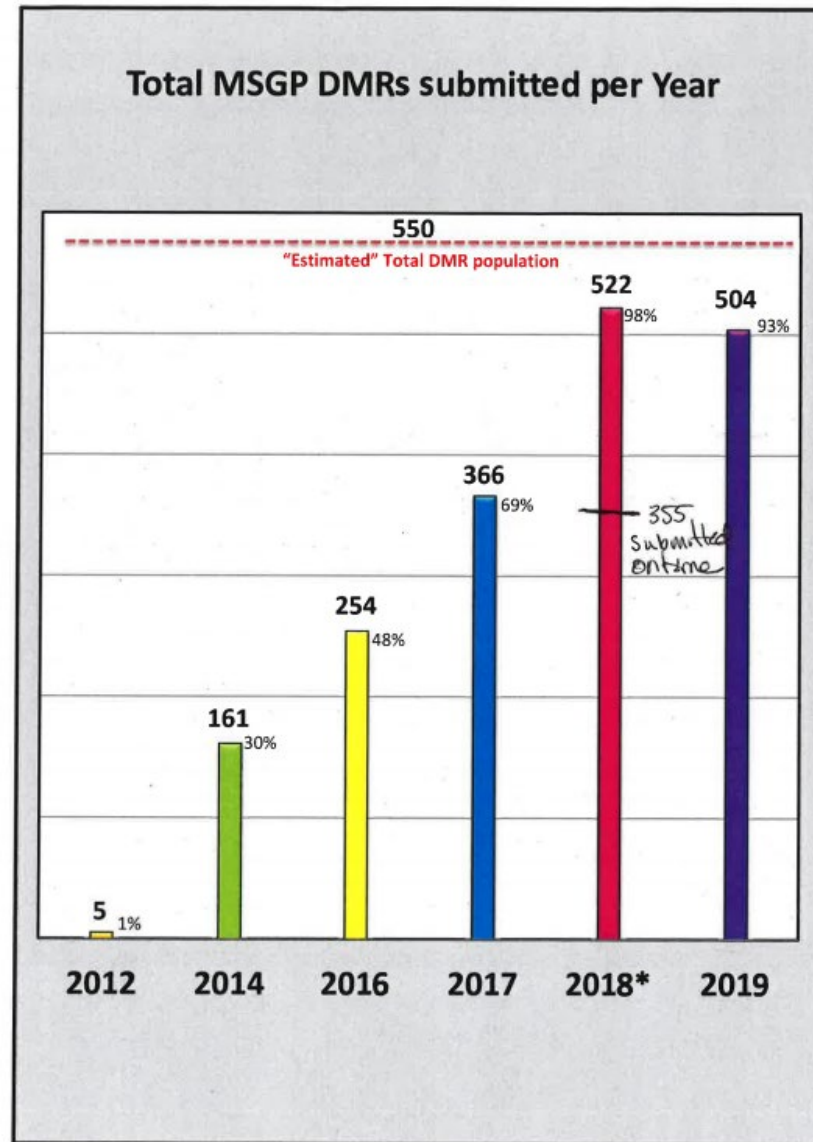
Important Considerations
When Developing E-Reporting:

- Simplicity for customers and staff

- Obtain voice of customer (VoC) throughout all phases of development

- Wants v. Needs

- Cost

What is Next?

- Timeframes for other builds (2023)

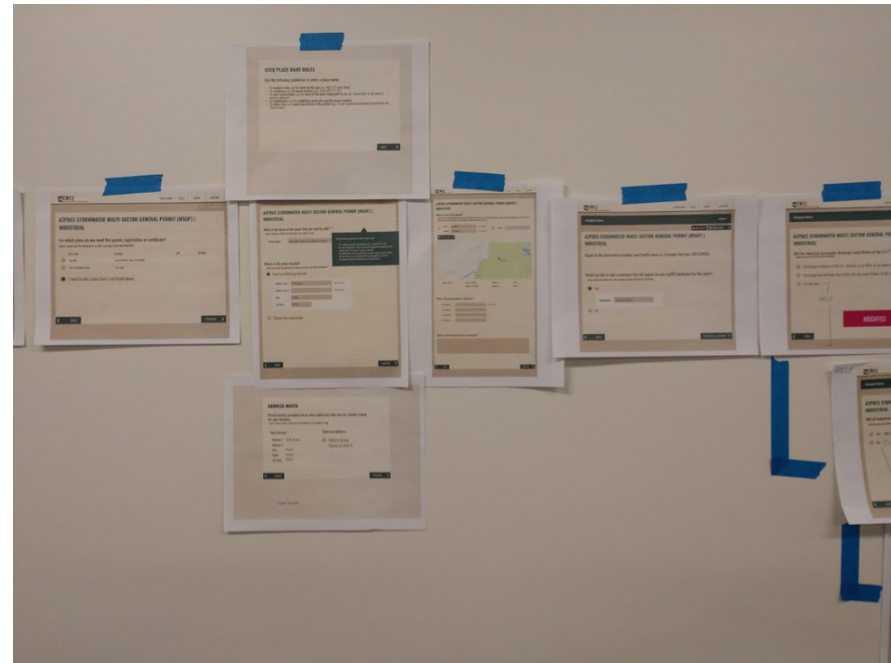- Other NPDES programs (biosolids, pretreatment, CAFO...)

- Waters of the U.S.

Questions

Contact

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