

Innovations in Permitting: Impressive Results, Hot Trends, and Huge Potential

Permit Program Implementation: Mississippi Department of Environmental Quality's Sector- Based Approach, use of Cross- Training, E-Permitting and General Permits

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State-EPA Symposium on
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Results



Innovations in Permitting – Program Implementation: Summary

- Re-engineering
- Mississippi Integrated Permitting Business Process
- General Permits
- Results



Innovations in Permitting – Program Implementation: Re-engineering

- Must meet ever increasing challenges to our resources
- Do the things we do better and more efficiently
- Better determine what is important
- Most importantly, we want to position ourselves to be the best agency we can



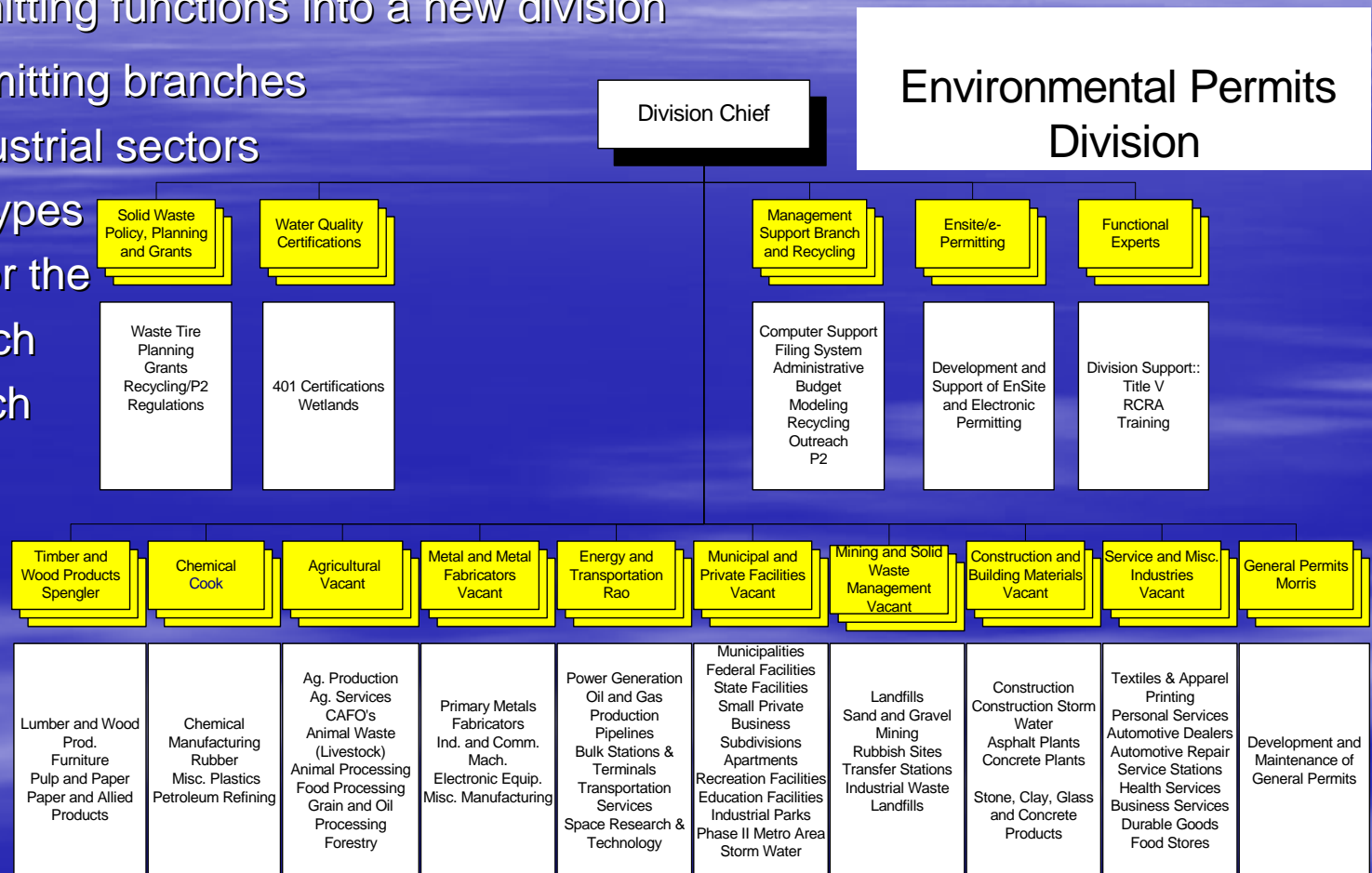
Innovations in Permitting – Program Implementation: Vision

- The Integrated Permitting Vision
 - Permit Manager
 - Sector Based Organization
 - Multimedia Training
 - Alternatives to Traditional Permitting
 - Burden Reduction
 - Provide Uniformity in Process
 - Electronic Data Management
 - E-Business/E-Tools
 - Data Transparency
 - PPA/PPG



Innovations in Permitting – Program Implementation: Organization

- Place all permitting functions into a new division
- Organize permitting branches based on industrial sectors
- Place all the types of expertise for the permits for each sector into each branch





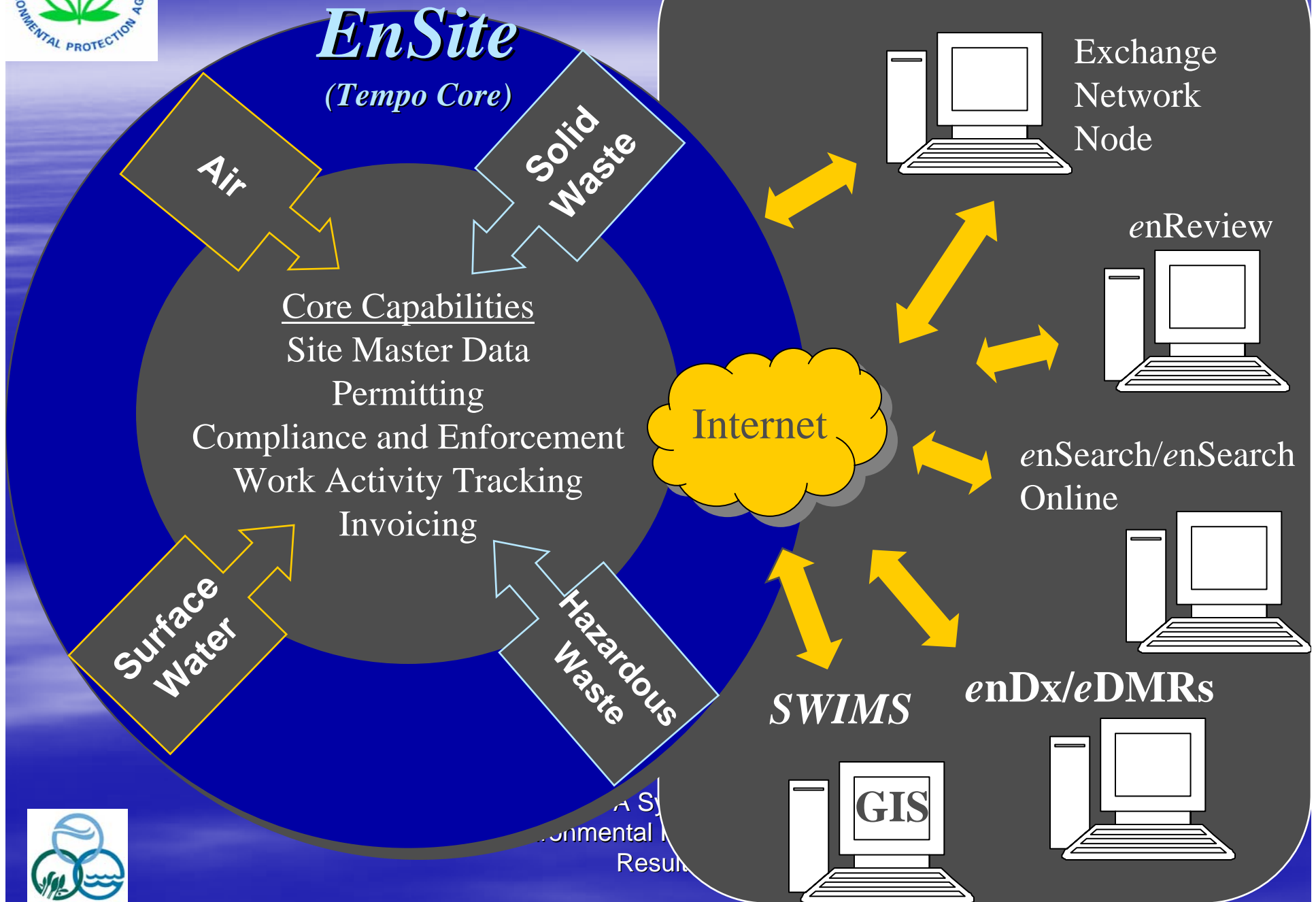
Innovations in Permitting – Program Implementation: Training

- Competency Based Job Descriptions
- Establish Functional Experts
- Environmental Permits Division (EPD) Training program
 - Multimedia
 - Mandatory
 - Individually Structured
 - Training Committee
 - Written Exams
 - Third Party Reviewed
- EPD Permit Manager Development Program
 - Optional
 - State Personnel Approved
 - Two Step Program with 5% Educational Raises
 - 700+ hours of Class Room Instruction
 - Requires Projects and Book Reports
 - Requires Demonstration of Multiple Media Permit Writing Proficiency



MDEQ's *enSite* Framework

eGovernment



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Innovations in Permitting – Program Implementation: General Permits

- Identify potential benefits
 - Multiple Media Opportunity
 - Usage
 - Burden reduction
- General Permits Branch within the Environmental Permits Division
- Challenges
 - Ensuring the use of the permit
 - Managing the complexity of the permit
 - Adequate opportunity for public participation



Innovations in Permitting – Program Implementation: General Permits

Multimedia General Permits

| Permit | # Facilities | Media Included |
|--------------------|--------------|--|
| Asphalt | 250 | Air SMOP, Air Const., Storm Water Const., Storm Water Baseline, NPDES |
| Ready Mix Concrete | 75 | Air Const., Storm Water Const., Storm Water Base Line, NPDES |
| Poultry CAFO | 500 | Air SOP, Air Const., Storm Water Const., NPDES |
| Swine CAFO | 62 | Air SOP, Air Const., Storm Water Const., NPDES |
| Mining (Exempt) | 300/year | Mining Notification, Water Quality Certification, Water Operating, Storm Water |

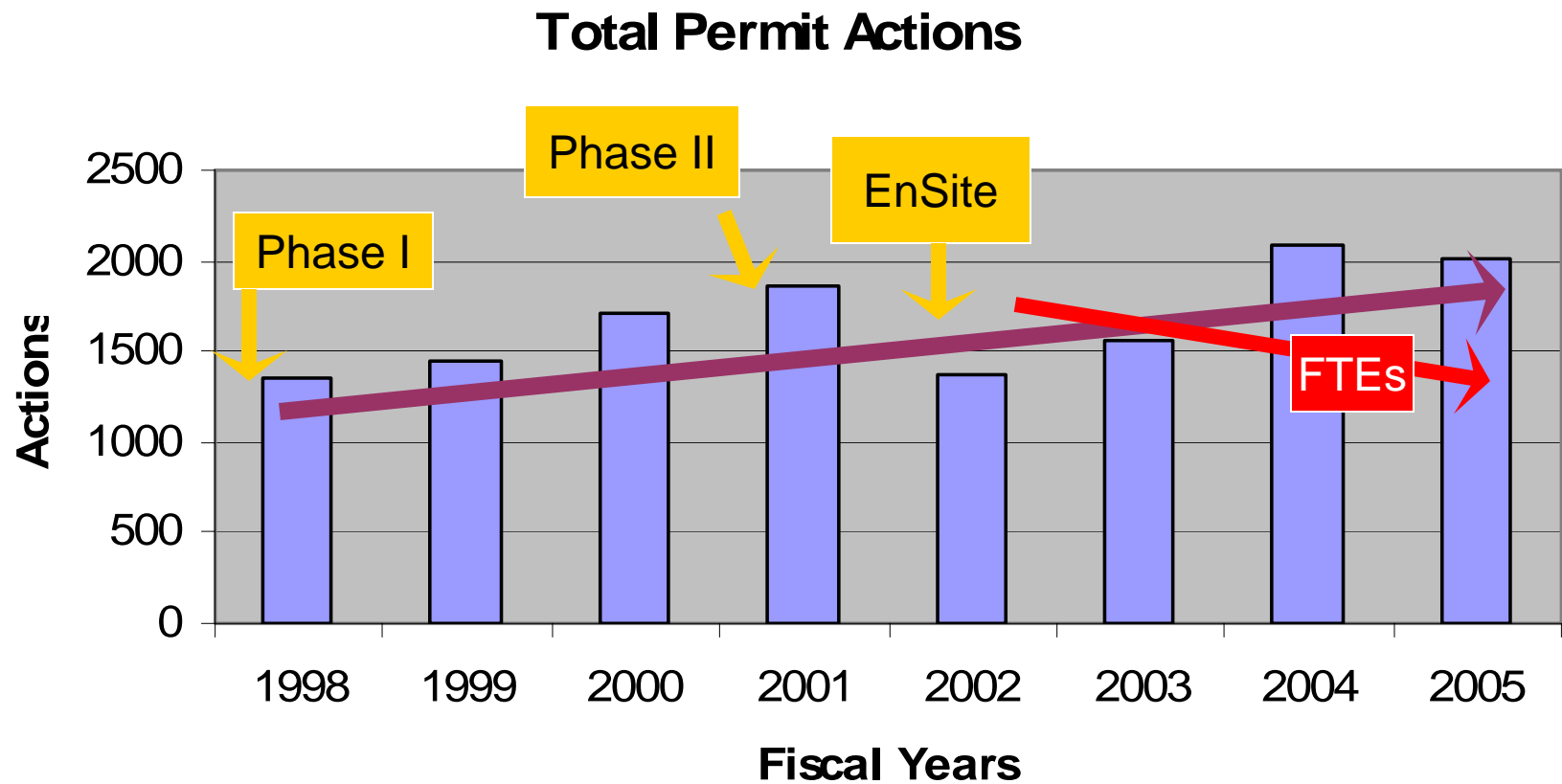


Innovations in Permitting – Program Implementation: Results

- Increased Productivity
- Reduced cycle time
- Better coordination
- Staff multimedia training and perspective
- Higher quality more holistic permits
 - Better “big picture thinking”
- Broad acceptance by stakeholders
- Standardization of process
- Better use of staff resources



Innovations in Permitting – Program Implementation: Results

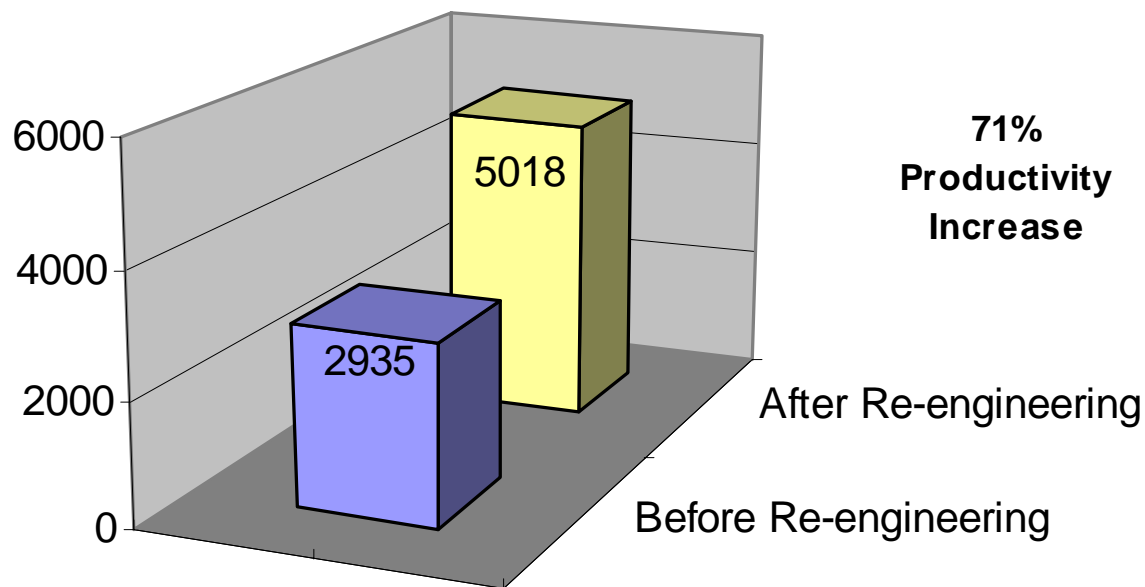


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Innovations in Permitting – Program Implementation: Results

**Permit actions 42 Months before Re-engineering
vs Permit Actions 42 Months After Re-engineering**





Innovations in Permitting – Program Implementation: Results

Quick Search

AI Details

Person Details

My enSearch

- My enSite Tasks - View all of your enSite tasks in one place.

enSite Masterfile Searches

- Agency Interest Search - Search for AIs by name, sic, by subprogram. Also includes functional area assignment search.
- Agency Interest Alternate/Historic/Permit ID Search - Search by city, county, basin, subprogram, permit type, permit id/n.
- Agency Interest Search via Receiving Stream - Search for masterfile, permits, and applications for any subject item.
- Person Search - Search for people by last name, person id.
- PSD Baseline Date Report - Shows county, pollutant, and where the baseline date has been set.
- TMDL Search - Search for permits with applicable TMDLs.
- Emission Inventory - Air emission inventory reports developed.

enSearch Online Tools

Online Reports

- Complaint Status Check - Check the status of complaints.
- Compliance Inspections - Inspections conducted by the Enforcement Division.
- General Permits Application (NOIs) - Notice of Intent applications.
- General Permit Coverages Granted - Coverages granted by the Division.
- Permit Applications - Permit applications received by the Division.
- Permits Issued - Permits issued by the Environmental Protection Division.
- PSD Baseline Date Tracker - Check Prevention of Degradation by county.

Online Documents

- EPD Permits at Public Notice - View notices and documents.
- EPD Permits/Certifications Issued Last 90 Days - quality certifications issued by the Environmental Protection Division.
- EPD General Permit NOIs Received Last 90 Days - and enforceable documents received by the Environmental Protection Division will appear in this list a minimum of 10 days before the test date.
- EPD General Permit Coverages Issued Last 90 Days - and enforceable documents received by the Environmental Protection Division will appear in this list a minimum of 10 days before the test date.

EPD Management Reports

- Annual Report - [BETA] Generate annual report data over custom date ranges. Updated nightly.
- Annual Report NPDES - [BETA] Generate annual report data over custom date ranges.
- Permit Backlog Search - Query the permit backlog by AI ID, name, branch, status, assigned staff, program, subprogram, permit type, and app received. Updated nightly.
- Backlog Tracking [People] - Report tracking backlog count for individual staff. Updated monthly.
- Backlog Tracking [Branch] - Report tracking backlog count for EPD branches. Updated monthly.
- Backlog Tracking [Permit Type] - Report tracking backlog count by permit type. Updated monthly.
- Permit Cycle Time Report [Ind. Permits] - Query cycle stats based on branch, permit type, and assigned staff. View minimum, maximum, and average cycle times. Updated nightly.
- Permit Cycle Time Report [Gen. Permits] - Query cycle stats based on branch, permit type, and assigned staff. View minimum, maximum, and average cycle times. Updated nightly.
- EPA NPDES Report - [BETA] Report to duplicate the EPA Status of Existing Individual NPDES Permits. Updated nightly.
- EPA NPDES Historic Report - Shows historic trends of the EPA NPDES Report. Updated on the 1st and 15th of the month.
- EPD Tasklog Analysis - Task log statistics reporting system.

Permitting Search Tools

- EPD enSite Task Xref Report - Report to show which tasks that are associated with a specific activity type and shows predecessor and time to complete.

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