BMP Implementation Tracking System (BITS) Update

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BITS: Online Tool

Programs/Modules
- MDV
- TRM/NOD/UNPS
- NR 151
- AM/WQT
- SWRM (DATCP)

 WDNR Uses
- 319/EPA Reporting
- TMDL support
- Nutrient Reduction Strategy
- SWIMS
- SWDV
BITS Objectives

Ease and Efficiency
- Create web-based portal for external entities

Spatial Data Upload
- Support submission of Spatial Data

Transparency
- Provide information about use of funds

Progress Tracking
- Allow demonstration and tracking toward BMP implementation and water quality goals

Steering
- Steer water quality monitoring efforts
BITS Interface

https://dnrx.wisconsin.gov/BMPTTracker
WDNR Multi-Discharge Variance Module

**Status:** Completed and being used by external users

**Benefits for External Entities:**
Replacement of paper forms.
Incorporation of spatial data.
Simplified and efficient reporting.

**Benefits for DNR:**
Efficient mechanism for complying with statutes.
Easy tracking of implemented practices and corresponding phosphorus reduction estimates.
WDNR Grant Modules

**Status:** Ongoing – TRM Module nearing completion, NOD and UNPS to follow

**Benefits for Counties:**
Collect information for all grants in a single place. Easily incorporate spatial data for all practices.

**Benefits for DNR:**
Better organization of grants throughout the state. Spatial database with details of implemented practices.
**NR 151 Compliance Tracking**

**Status:** Planning Stage

**Goal:** Track the NR 151 compliance status for individual farms and facilities

**Outcomes:**
- Automatically generate reports and letters
- Incorporate spatial data
- Organize and query results

**Steps for NR 151 Tracking**

1. Determine Compliance Status
2. Communicate with Landowners
3. Implement BMPs to Address Non-Compliance
4. Reevaluate Status of Facilities and Croplands Originally not in Compliance
5. Communicate with Landowners Originally Not in Compliance
BITS Development Timeline

2018
- Project Planning and MDV Module Development

2019
- SWRM Module Planning, TRM Module Development
  - March 2019: MDV Module Deployed

2020
- August 2020: TRM Module Deployment

2021
- NOD, UNPS, NR 151 Module Development
  - Ongoing Maintenance and Improvements
Contact Information

Questions about BITS, Grant Modules, and NR 151:

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