DNR Update:
Multi-Discharger Phosphorus Variance
Basics of the Phosphorus MDV

- Approved February 6, 2017 by EPA
- Not everyone is eligible
- MDV application must be completed – typically 6-12 months before permit expires
- MDV requirements must be included in permit
- Most permits will expire/reissue in 2018-19
- Watershed projects required
- MDV Effective until February 5, 2027
Reduce phosphorus discharge: reduce phosphorus load each permit term of MDV coverage

AND

Implement a watershed project that reduces nonpoint source phosphorus pollution:
- Implement watershed project directly;
- Work with a third party to implement a watershed project; or
- Make payments to County LCDs to help implement ag practices (cost sharing + NR 151 compliance)
**MDV Permit Conditions**

**POINT SOURCE**
- Comply with interim limits
  - P99 or 0.8 mg/L
  - then 0.6 mg/L, 0.5 mg/L
  - WQBEL
- Optimize
- Reporting
  - Effluent data
  - Cost verification form

**WATERSHED PROJECT – SELECT ONE**
- County payment option
  - Annual payments of $50/lb P discharge + inflation
  - $640,000/year cap
- OR
- Direct offset or
- Third-party offset

*Annual Offset = Previous Annual P Load – Target Annual P Load*
County participation in the MDV is voluntary.

Each year, counties must apply to receive MDV funds.

MDV can help counties receive additional financial resources for nonpoint source pollution control activities – NR 151 - including funds to supplement staff costs.

Counties must meet MDV requirements to the best of their ability.
Appropriate MDV Funding Uses

**OTHER**
- Staffing
- Innovative projects
- Monitoring
  - Edge of field
  - In-stream
- Modeling
- Demonstrations

**NONPOINT PRACTICES**
- Agricultural practices only
- Must comply with NR 151
- May go beyond NR 151 in TMDL areas
- Can include staff costs for design, construction, and post-construction
Example Timeline For Counties

2017
- Point sources receive permit with MDV

Fall 2017
- Counties informed of funding projections

January 1, 2018
- County Participation Form due

March 1, 2018
- Funds received

March 1, 2019
- Watershed plan due

May 1, 2020+
- Annual reports due until funding used

Want funds in 2019? Submit form in 2019!
MDV County Plan Requirements

- Need to target highest TP loadings within the county
  - HUC-12 scale recommended
- Must be consistent with Land and Water Resource Management (LWRM) plan
- Include management practices to be targeted/addressed; estimate P load reduction from practices
- Submit a projected financial budget
Other MDV requirements

- Verify 20% of practices annually
  - Should be representative of practices installed over the project life

- Spend 10% of money received on planning – use for large projects (> $200,000)
  - Develop 9-key element watershed plans or use existing plans

- Estimate TP reductions; compare to annual P offset
  - BPJ if project below $100,000
  - Modeling (SNAP+) if project above $200,000

- Consider including in-stream monitoring for projects above $200,000
MDV Project-Specific Review

- Annual plans and reports will be posted online
- DNR staff will review for consistency with program and 9 element plan – if available
25 Approved MDV facilities

Total Estimated MDV $ for 2019
$1,084,337.59

Based upon:
- Estimated 2018 P discharge
- Percent County Area in HUC 8
- All counties request MDV $ in HUC 8
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Additional MDV information

County by County MDV $ Estimates for 2019

HUC 8, County and % HUC 8

County Alphabetical Order and HUC 8
MDV – Tracking and Reporting Tool
DNR Program needs

- NPS grants
- NR 151
- 319/EPA reporting
- TMDL
- AM/WQT
- MDV
- Nutrient reduction strategy
BMP Tracking System Goals

- Create web-based portal for external entities to easily and efficiently submit information
- Allow submission of spatial (GIS) data
- Improve transparency
- Show and track progress toward implementation goals
FY18 Workplan

- Finalize MDV workflow
  - BMP inspection reporting
  - Annual reporting requirements
  - MDV funds tracking

- NPS grant final reporting
  - Project set up
  - Data pull from CAOS
  - TRM, NOD, UNPS grant final report requirements

- DNR staff query and reporting

- Beta Testing – spring 2018 – County Help?
Questions?