DNR UPDATE
2017 SPRING BIOSOLIDS SYMPOSIUM

Frederick J. Hegeman, P.E.
Wisconsin DNR
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OVERVIEW

- Electronic Reporting
  - EPA
  - DNR
- Reporting
  - Annual Reporting
  - Septage: County Reporting
- DNR/DOJ Meeting
- Septage Program Staffing

- New DATCP Rules
- ATCP 50 vs NRCS 590
- NRCS 313
- EPA Region 7
  - Biosolids Excellence
  - Enforcement
- EPA:
  - EQ+ Biosolids
  - Struvite
- Enforcement Related
EPA ELECTRONIC REPORTING RULE

Background

– Biosolids Reporting:
  • Non-Delegated States directly to EPA (Region 7)
– Many notifications that the system is “down”
– Frustrations
  • States
  • Facilities
– Error in Mailings to Wisconsin

Electronic Reporting Requirements

– Impacted Wisconsin (GPs)
ELECTRONIC SIGNATURE

- EPA will require changes to Wisconsin’s system
  - “Much more difficult”
  - “Frustrating Process”
PLANNED IMPROVEMENTS

2017 CALENDAR YEAR REPORTING—

- **Portable Restroom Wastes** (New Reporting Code (#TBD))
- **One Electronic Submittal/Certification**
  - Both Forms 52/55 Submitted together
- **Automatic Loading** for:
  - Characteristics & Monitoring Reports (3400-49)
  - Septage Annual Reports (3400-52 & 3400-55)
  - WPDES Annual Reports if 3400-49’s are loaded
ANNUAL ELECTRONIC REPORTING

• Annual reports were due Jan 31
• HELP?
  – Inna Gurevic  608-261-6406
• Future: OpCert/Bus Lic—Electronic Renewals

→ NO 2017 SEPTAGE BUSINESS RENEWALS W/OUT REPORTS
COUNTY REPORTING (septage)

Authorized by:
  – S. 145.20 Wis. Stats.,
  – S. 383.55 Wis. Adm. Code

Answer all questions per county
  – Electronic/Paper

30 Day

ALL Servicing Events (inspection/maintenance)
  Submit all required forms.

Use CERTIFICATION NO. of PERSON
DEPT. OF JUSTICE (DOJ) MEETING

• Meeting Goals
  – Align Staff/Team
  – Understand Cross-Dept. Issues
  – Evaluate Recent Referrals
    • What can we learn
    • What can we improve

• General “Take Homes”
  – Better translation from Experts
  – News Releases
  – Pre-Referral Meetings
  – Revocation Timing
  – Joint Efforts DOJ/DNR
DEPT. OF JUSTICE (DOJ) MEETING

• Program “Take Homes”
  – Pathogen Control
    • Cropping Restrictions
  – VAR
    • Injection/Incorporation
    • pH Treatment
  – Certification

• Process Changes
  – Consider Revocation earlier
  – Pre-referral Meetings
  – Strategic Enforcement Matrix
DEPT. OF JUSTICE (DOJ) MEETING

MESSAGING
- DOJ/DNR Joint messaging
- Report Issuance in place of News Releases
- Compliance Assistance
- Outreach
- Identifying KEY POINTS

BALANCE
- Compliance
- Education
- Enforcement

TEAMWORK
- Balance
- Incremental Improvements
- Protecting Public Health & Safety
- Level the “Playing Field”
CURRENT PROGRAM STAFFING

NOR:
Alison Canniff/
PERM LTE

NER:
VACANT*

WCR:
Danielle
Luke/~ 6 mo

SCR:
Steve Warrner

SER:
EMILY JAMES/LTE*

Op Cert Septage:
Mallory Palmer
Rachel Angel

Prog-Statewide:
Fred Hegeman
ALLOTED PROGRAM STAFFING

- NOR: 0.5 FTE
- NER: 0.0 FTE
- SER: 0.25 FTE
- SCR: 0.15 FTE
- WCR: 0.6 FTE

Op Cert Septage
- 0.5 FTE Cert. Coord
- 0.5 Cert. TEMP

Prog-Statewide
- 0.1 FTE

Total: 2.1 FTE
NEW DATCP RULES

DATCP - Dept. of Agriculture, Trade & Consumer Protection

- ATCP 65.22 (6)(c)
- Effective August 2016

(6) TOILETS. (a) Every dairy farm shall have one or more sanitary toilets that are conveniently accessible by persons engaged in milking operations. A conveniently accessible toilet may include a toilet in a farm residence or other farm building.

(b) Toilets, under par. (a), shall comply with ch. SPS 362. Toilets shall be kept in clean and sanitary condition.

(c) There shall be no mixing or storage of human waste or septicage with animal manure on a dairy farm.
ATCP 50 vs NRCS 590

ATCP 50

- Adm. Code
  - Approval by Legislative
- References NRCS 590, 2015
- Exemptions for Septage, Biosolids, Ind. Waste WHEN PRIMARY NUTRIENT
- If NOT primary nutrient...then farmer, not septage applier
- Will lead to changes in NR 151

NRCS 590 (2015)

- Standard
- All Organic Waste
- Limited to 7,000 gal during Feb/Mar
- Bedrock Concerns
NRCS 313

(Manure) Waste Storage Facility

- NRCS 313, May 2016
- “This practice does not apply to the storage of human waste or animal carcasses.”
- Construction Standard...not a code or a law.
- Legal Determination forthcoming.
EPA

- Region 7: Kansas City
  - Iowa, Kansas, Nebraska & Missouri

- Biosolids Center of Excellence
  - Staffing experts

- Biosolids Enforcement
  - Complaints in Region 5 go to Region 7
  - CWA Section 308 Letters
EPA

Struvite Issues

• Magnesium ammonium phosphate

• UNCONTROLLED: Problems w/ pipes/pumps clogging

• CONTROLLED
  – Ostara & Other process

• Derived from sewage sludge...not regulated as sewage sludge...EPA new opinion...

Photo Credit: John Colletti, USEPA
EPA

Biosolids: EQ → EQ+

– Considering upgrading for GREAT EQ biosolids
– KEY: Stability
  • Permanently
  • Irreversibly stabilized
  • >38% Vol Solids Reduction**
– Dependent upon regulatory timing

**Not usually a good measure
EPA

WISCONSIN Presence

- Presence has been lacking (2009)
- Recent Biosolids Facility Audit
- Other Activities Approaching
  - Review Recent Class A Submittals
  - Participate in Enforcement Cases
Thank you!