Contaminated Soil and Sediment Management

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Waste & Materials Management Program (WMMP)
Sediment Management

- Sediment is classified as a solid waste and once excavated is handled similar to soil.

- NR 720 soil standards can be used to make proper waste management decisions.
Sediment May Be Exempt Under NR 500.08(3)

Allows the user to manage it like similar “clean” material.
- Without restrictions on use
- Non-licensed Landfill
NR 500.08(3) Exemptions for Licensing Requirements and Plan Review

If NR 504.04 performance standards are met, the following may be exempt:

(a) <3,000 cyds from Great Lakes and select rivers, or lakes/ponds treated with arsenicals
(b) Other rivers not listed above
(c) Lakes/ponds not treated with arsenicals
For Exempt “Clean” Sediment

Most dredging projects involve only “clean” sediment.

The Ch. 30 permits can approve or direct the placement of dredged sediment.
How Can You Determine What Is Clean?

Waste Determination Process

• Knowledge of the material
• Previous testing,
• Land use setting (past and present)
  • Industry, residential, rural?
  • Stormwater outfalls?
• Knowledge of chemical use in the area?
• Knowledge of past spills or cleanup sites in the area?
• etc.
How Can You Determine What Is Clean?

Analytical Testing (NR 347)

Recommend testing for all parameters identified in the waste determination process
Contaminated Sediment Management

For upland placement of contaminated sediment

- WMMP typically has jurisdiction
Upland Contaminated Sediment Placement (WMMP)

• Can go to an approved licensed landfill
• May be eligible for a Low-Hazard Waste Grant of Exemption (LHWGE) for disposal/use outside of a licensed landfill (289.43(8) Stats.)

Contaminated Sediment Management

- RR has jurisdiction if source of contamination is a response action site and dredged material will be placed on the response action site.

- Sediment is included as “other solid waste” under NR 718.15
Management of Other Solid Wastes

NR 718.15 allows placement of contaminated material on the response action site if:

1. Done in compliance with NR 700-754, and

2. DNR has granted approval.
WMMP Regional Dredging Contacts

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