



AGENDA

12:30 – 1:00 Introduction

1. Introduce speakers
2. Overview of nonmetallic mining in Wisconsin
 - a. Industrial Sand
 - b. Aggregate
3. Types of operations, locations, general background, operations challenges, water management basics.
4. Permitting Overview:
 - a. General WPDES permit vs. individual permits
 - b. Revised Nonmetallic Mining WPDES General Permits Effective August 1, 2016
 - i. Nonmetallic Mining Operations For Non-Industrial Sand and Other Aggregates = A
 - ii. Nonmetallic Mining Operations For Industrial Sand Mining and Processing = B
5. General Permit Overview **[both permits]**
6. Stage Gate Compliance Process
7. Notable Changes
8. Application for Coverage [same for both]

1:00 – 1:30 WDNR Regulatory Perspective (Roberta Walls, WDNR)

1. WPDES permit clarifications, compliance schedules, and other FAQ's
2. Exclusion of internally and externally drained NMM operations in Section 3 of Permit B
3. Enhanced monitoring of effluent to surface water from industrial sand operations
4. Rationale for a groundwater study associated with industrial sand operations
 - a. Focus, schedule, and status

1:30 – 2:15 Storm-Water and Process Water Management

1. Overview of groundwater and surface water discharges
2. Storm water generation and management
3. Physical controls
4. Storm Water Pollution Prevention Plan

WPDES Nonmetallic Mining Permit Process Seminar

AGENDA (Continued)

2:15 – 2:45 Break

2:45 – 3:05 Wastewater

1. Wastewater Generation processes – Groundwater inundation.
2. Treatment methods
 - a. Settlement
 - b. Dewatering
 - c. Water Treatment Additives

3:05 - 3:30 Requirements for Wastewater Discharges to Groundwater Via Infiltration [same for both]

1. Does not apply to storm water or contaminated storm water
2. Monitoring waivers
 - a. Lining - elaborate
 - b. Exfiltration limits - describe
3. Sample collection
4. Discharge limits – Table 1 and Sections 4.2.1.1 – 4.2.1.4
5. Annual discharge monitoring reports [same as previous]
6. DNR may require groundwater monitoring [not in previous] - Section 4.4

3:30 - 4:00 Requirements for Wastewater Discharges to Surface water

1. Does not apply to storm water or contaminated storm water
2. Sample collection
3. Discharge limits
4. Suspended solids treatment and solids removal
5. Floating solids and foam
6. Effluent monitoring – Industrial Sand Only
 - a. Recurring discharge of wastewater
 - b. Nonrecurring discharge of wastewater
7. Annual discharge monitoring reports
8. Water quality based effluent limitations

4:00 – 4:15 Break



WPDES Nonmetallic Mining Permit Process Seminar

AGENDA (Continued)

4:15 – 4:30 Permit Compliance and Maintaining a General Permit

1. Overview of sample collection requirements
2. Annual evaluation of water quality and category of facility receiving waters, Impaired water bodies, TMDL, OWR/EWR - Section 2.8
3. Documentation and reporting
4. Schedule of compliance
5. Identify opportunities for process modifications and improvements

4:30 – 5:00 Round table/Q&A

