



# Public Meeting for Proposed Dredge Material Landspreading in Town of Waterford

November 14, 2018





# Agenda

- Introductions
- Purpose: Describe Disposal & Solicit Public Comment
- Meeting Format and Schedule
  - DNR presentation to describe disposal
  - Opportunity to provide comments
  - Adjourn Meeting 6 p.m.



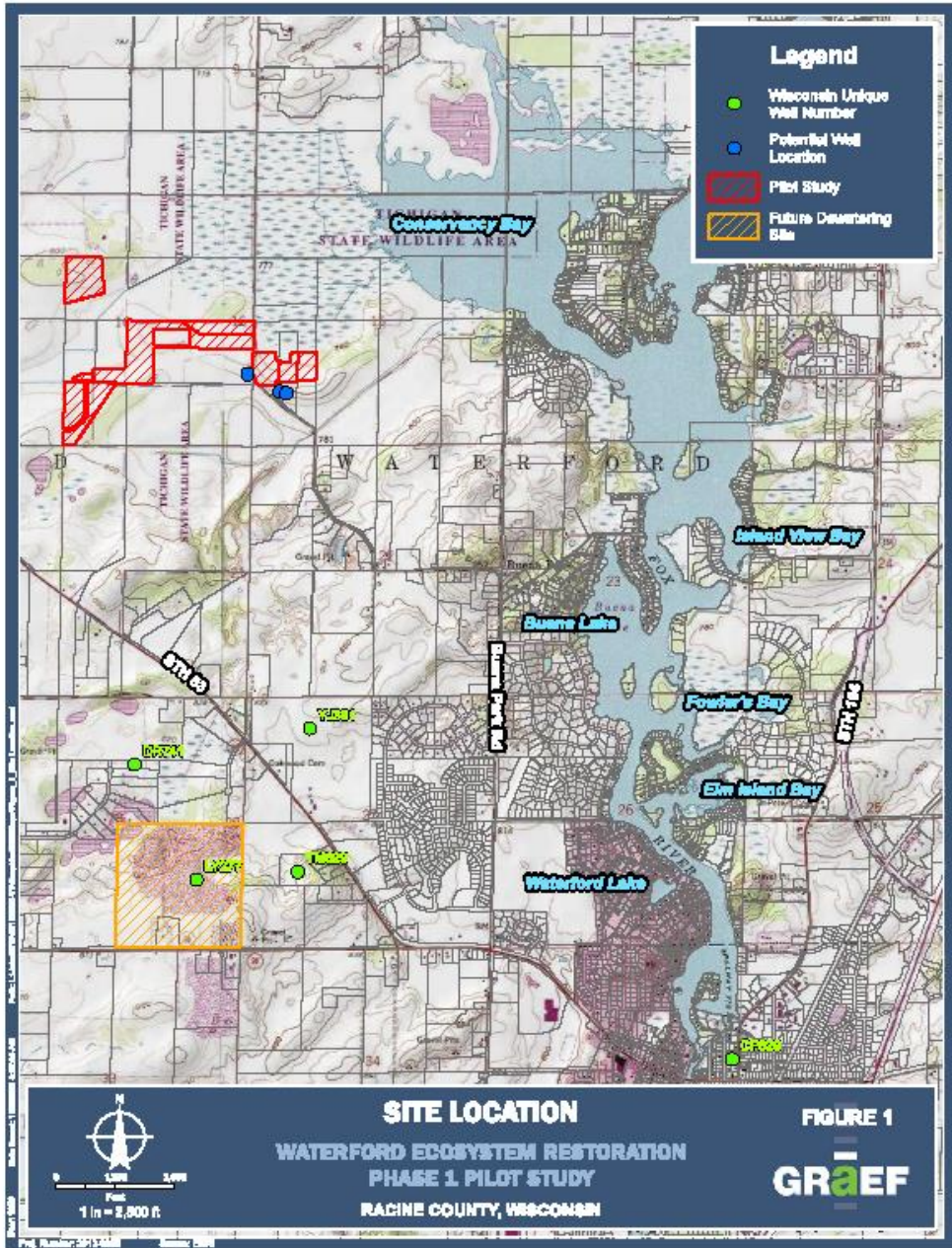
# Public Meeting

- Regulatory requirements
  - Section 289.54, Wis. Stats.
  - Requires public meeting to describe nature of proposal and solicit comments
  - Applicable to disposal of dredge materials containing metals or polychlorinated biphenyls (PCBs) at low levels
- Comments will be considered prior to DNR decision



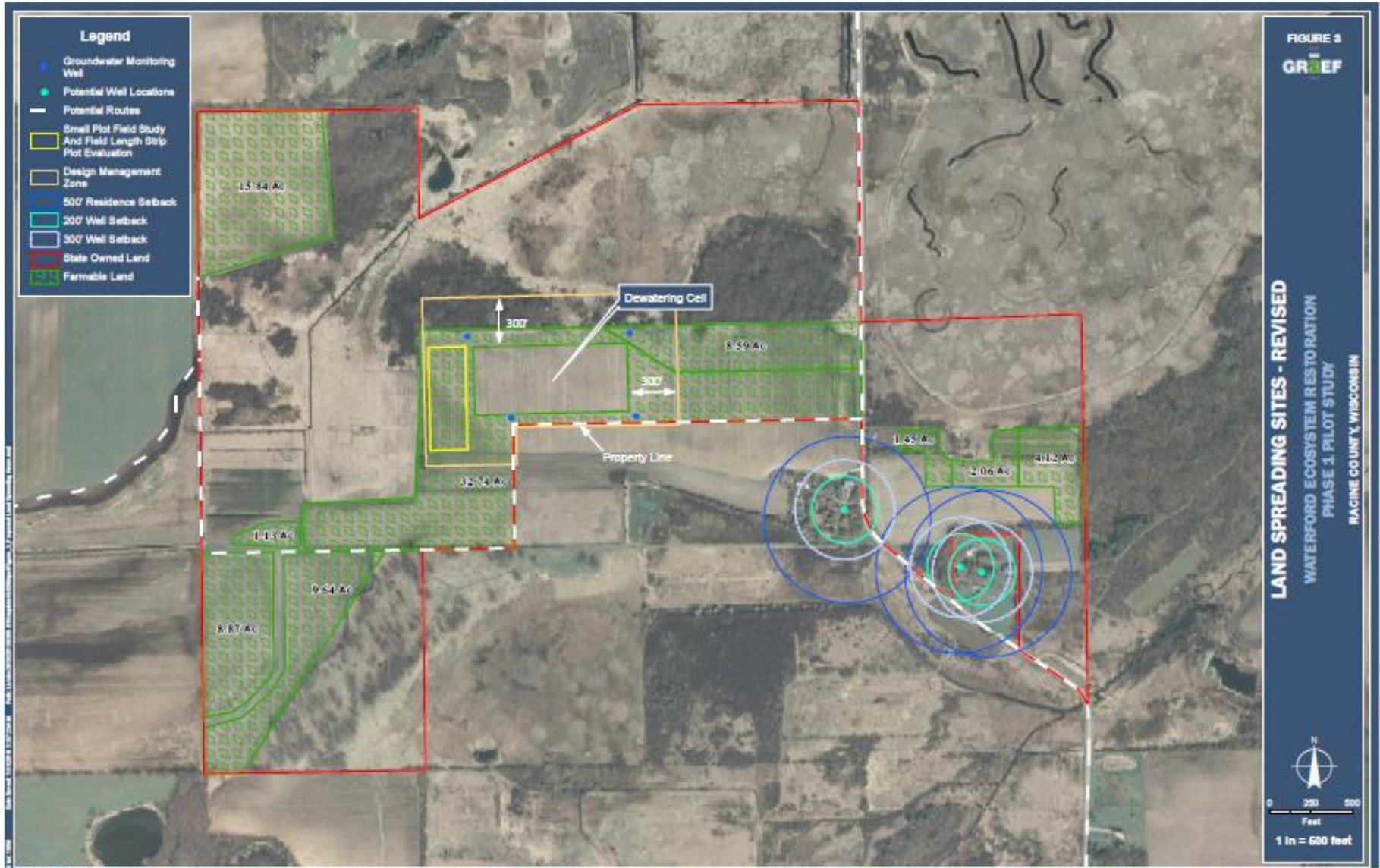
# Project Overview

- Applicant - Waterford Waterway Management District
- Source of dredge material
  - Waterford Dam Impoundment and Tichigan Lake
- Dewatering pond
- Landspreading locations
  - Farm fields within Town of Waterford
- Located on State owned land - initially





# Proposed Landspreading Area





# Landspreading Plan

- will closely resemble a nutrient management plan for manure
- 9,300cy of dewatered dredge material is proposed on 85 acres
- Available N will be determined by ongoing testing
- N needs for crops will be based on current Nitrogen fertilizer rates and crop needs



# Locational Requirements for Landspreading a Solid Waste

Not

- Within 100 feet of a navigable waterbody
- Within 5,000 or 10,000 ft of an airport runway
- Within 1,000 ft of public wells
- Within 200 feet of private wells
- Within 500 feet of a residence (w/o consent)





# Performance Standards

## Cannot

- Create a significant adverse impact on wetlands
- A take on a threatened or endangered species
- Detrimental effect of surface water or groundwater quality
- Exceedance of a drinking water standard
- Release of a hazardous air contaminant
- Concentration of explosive gasses



# Test Results Required and Under Review

- Nutrients (Nitrogen)
- Metals
- PCBs



# Facility Specifics Under Review

- Soils (pH, organics, P, K)
- Topography
- Ownership/Property lines
- Current land use
- Geology
- Hydrology (depth to gw, gw flow)
- Wells within ¼ mile
- Crops planned
- Floodplain
- Other additives used on the land

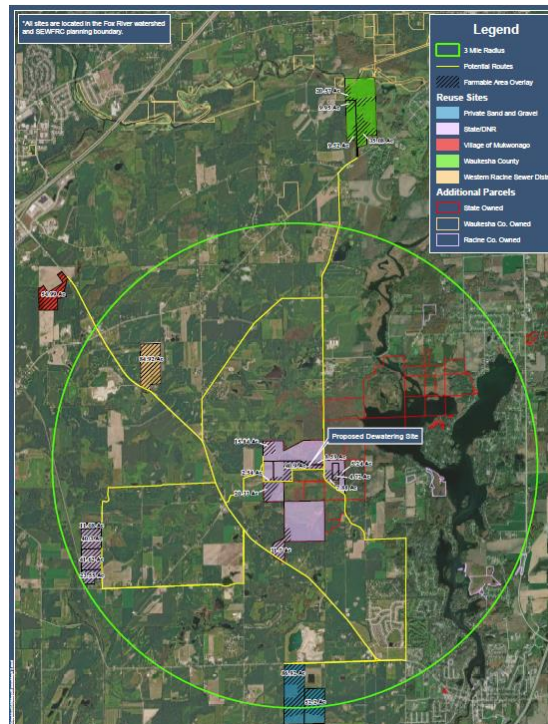


# Monitoring and Reporting

- Dredge applied per acre
- Nitrogen applied per acre
- Mineralization rate of Nitrogen
- Metals and PCBs applied per acre
- Sampling results

# Potential Future Landspreading Facility Areas

- Same locational criteria
- Same considerations to be reviewed







# Dewatering Pond Design

- U-shaped Cell with 1-foot clay liner
- 8 Acres – approximate
- 75,000 cubic yard storage volume
  - 9,300 cy will be dredged initially
- Surface water discharged back to lake – WPDES permit required
- Base of pond – minimum 3 feet above water table
- 4 groundwater monitoring wells



# Public Comments

Written Comments accepted through  
**Monday, November 18, 2018**

Attention: Casey Lamensky  
Department of Natural Resources  
PO Box 7921, WA/5  
Madison, WI 53707

or

[Casey.Lamensky@Wisconsin.gov](mailto:Casey.Lamensky@Wisconsin.gov)



Thank you

Comments?