

Subcommittee For Reducing or  
Terminating Groundwater  
Monitoring at Solid Waste Landfills –  
October 26, 2016 Update

Wisconsin DNR Waste and Materials  
Management Study Group

# September 23, 2016 Subcommittee Meeting – DNR SC Region Office

- Subcommittee Members
  - Joe Lourigan, DNR
  - Adam Hogan, DNR
  - Tim Curry, Advanced Disposal
  - Larry Buechel, Waste Management
  - Erik Lietz, Ayers Associates
  - Tom Karwoski, SCS Engineers

# Background

- Subcommittee focused on revisions to current guidance
- Guidance for reducing or terminating groundwater monitoring at solid waste landfills has been in place for many years
- Existing guidance PUB – WA 1013 was last revised in 2014 by Joe Lourigan

# Subcommittee Suggestions for Guidance Revision

- Lay out a clear set of steps within the guidance so closed landfill owners can follow a path to reducing or terminating groundwater monitoring
- Include an evaluation so owners can decide if their landfill is ready to be considered for a monitoring reduction or termination
- In addition to the data trends, consider that some landfills may present more risk than others – more receptors
- Create a road to reduction or termination and confirm within the guidance what is required at each step to get there

# Subcommittee Suggestions for Guidance Revision (Continued)

- Create a road map within the guidance for:
  1. Reducing frequency of monitoring rounds
  2. Reducing the size of the monitoring network and/or reducing the number of required parameters
  3. Termination of monitoring

# Subcommittee Suggestions for Guidance Revision (Continued)

- The steps can also provide incentive to take action toward reduction/termination of monitoring – reduction of annual costs
- Consider reducing monitoring frequency beyond current minimum of 1 year for landfills that qualify (i.e. 2 year or 5 year frequency)
- 2 year or 5 year monitoring frequencies would likely require an annual monitoring well inspection report to maintain competency of monitoring network

# Subcommittee Suggestions for Guidance Revision (Continued)

- Potential to set up review committees within DNR to review requests for monitoring reductions/termination
- Review committees improve consistency of decisions and allow a sharing of knowledge
- Potential to use the ICE system to notify landfill owners when reporting is due

# Next Steps

- Create outline for revised guidance which includes the stepped approach (Joe Lourigan)
- Committee members review similar guidance and regulation from other States
- Next committee meeting TBA:
  - Review and revision of revised guidance outline
  - Consider ideas from other States programs