

# Report NPDES Subcommittee

## Conference Call

April 14, 2010

# Topics Discussion

- Update on Expedited Review ORSANCO Standards
- Implementation Issues Ammonia Criteria for Drinking Water Plants
- FGD Scrubber Discharges at Coal Fired Power Plants
- Possible ORSANCO Activity to Support Permit Development

# Expedited Review ORSANCO Standards

- Few Comments Received by ORSANCO at Time of NPDES Call
- Comments Expected on Mercury Variances for Mixing Zones. Subcommittee Support for Such Variances on a Temporary Basis and with Conditions
  - Require Best Available Treatment Technology

# Implementation of Ammonia Criteria

- Criterion Applies at Drinking Water Intakes
- Implementation Into Permit Limits Requires Specification Modeling Procedure
  - Critical Flow for Dilution
  - Decay Rates
- ORSANCO Staff Asked to Prepare Guidance on Suggested Modeling Procedures for Next Call

# Update FGD Scrubber Discharges

- States Provided Update on Types FGD Treatment Installed
  - Illinois - - Three Facilities with Zero Discharge
  - PA – Three Facilities – Organosulfide Precipitation
  - OH – Several Facilities Organosulfide Precipitation
- OH Provided Summary AEP Studies
  - Organosulfide - Can Treat to ~300 ppt, cost Under \$5M
  - Biological Treatment – Can Treat to 100 ppt, Cost \$24M at Mountaineer Plant W Va.
- USEPA – Planning Site Visits Support Upcoming Rulemaking.
  - Revised Effluent Standards Expected 2012 – 2014

# Possible ORSANCO Activities

## Support Permitting and Compliance

- Additional 106 Money to Support Activities in Permitting and Compliance
- Program and Finance Committee Directed ORSANCO Staff to Pursue Funds After Consultation With States
- Subcommittee Endorses Activities to Support Development of Consistent Permit Limits for FGD Discharges
  - Characterize Loads and Concentrations of FGD Discharges
  - Characterize Treatment Technologies in Use for FGD Scrubber Discharges

# Next Conference Call

- July 24
- Same Topics on Agenda
- Anything New???