



NMED Solid Waste Bureau: Permit Section Topics

New Mexico SWANA Roadrunner Chapter Meeting
September 11, 2012

George Schuman
Permit Section Manager, Solid Waste Bureau



New Permit Section Staff

- Erica Ortega (Engineer Specialist position)
 - Started July 2012
 - B.S. in Nuclear Engineering, working towards M.S. in Civil Engineering
 - 14 years of experience in the civil engineering field (surveying; engineering technician; engineering design)

Recent Permitting Actions (Past 12 Months)

- Lea Land Landfill
 - Renewal and modification (issued November 10, 2011)
 - 5-year conditional permit including Affirmative Action Plan; potential to extend permit term for additional 15 years
 - C&D debris, asbestos, PCS, industrial solid waste, sludge, spill of a chemical substance or commercial product

Recent Permitting Actions (Past 12 Months)

- City of Socorro Landfill
 - New permit (issued March 14, 2012); existing registered (unlined) landfill
 - 20-year conditional permit including Affirmative Action Plan
 - MSW, C&D debris, sludge, packing house/ killing plant offal, industrial solid waste

Recent Permitting Actions (Past 12 Months)

- Mountain View Eco-Station transfer station
 - New permit (issued May 24, 2012)
 - 20-year conditional permit
 - MSW and C&D debris; no special waste
 - Validity of special use (zoning) permit issued by Bernalillo County is being contested, i.e., whether or not the special use permit authorizes acceptance of C&D debris

Current Permitting Actions

- Southwest NM Regional Landfill
 - Seeking permit modification (sludge)
 - Application deemed complete on May 31, 2012
 - Hearing: September 12, 2012 (Silver City)
- Clovis Regional Landfill
 - Seeking renewal and modification (lateral expansion; special wastes including PCS, asbestos, sludge, ash, spill of a chemical substance or commercial product, packing house and killing plant offal, industrial solid waste and special waste not otherwise specified [vehicle wash grit trap waste])
 - Will be deemed complete shortly
 - Hearing: December 5, 2012 (Clovis)



Current Permitting Actions

- Taos Regional Landfill
 - Seeking permit modification (sludge)
 - Evaluating first additional information submittal
- Alcalde Transfer and Recycling Facility
 - New permit application
 - Evaluating initial application submittal
- De Baca County Solid Waste Facility
 - New permit application (C&D landfill; transfer and recycling facility)
 - Evaluating initial application submittal



Future Permitting Actions

- Numerous pre-application meetings held over past six months
- Expecting up to 10 permit applications over next six months

Recent Permit Section Guidance

- “Alternative Ground Water Constituents for Detection Monitoring” (revised February 2012)
 - Permittee must show that particular constituents are not reasonably expected to be in, or derived from, waste in the landfill (20.9.9.11.A(1) NMAC)
 - Guidance identifies types of information that should be studied to support this demonstration (waste screening records; leachate and ground water analytical data)
 - Permittee may request approval to test for certain inorganic constituents in lieu of heavy metals (20.9.9.11.A(2) NMAC)
 - Guidance identifies types of information that should be considered to support this request:
 - Inorganics are present in waste (leachate analytical data; published information)



Recent Permit Section Guidance

- Minimal attenuation of inorganics in vadose zone and ground water (published information)
- Inorganics capable of being detected by common analytical methods (published information)
- Background inorganic concentrations in ground water are low enough such that contributions from leachate can be detected (ground water and leachate data; published information)



Recent Permit Section Guidance

- “Ground Water Monitoring System Plan / Ground Water Monitoring Plan Requirements” (revised February 2012)
 - Requirements for content of the ground water plans are scattered throughout 20.9.9 NMAC
 - Guidance attempts to summarize the plan requirements and provides regulatory citations for the requirements



Future (?) Permit Section Guidance

- Determination of background ground water quality concentrations
- Low-flow / minimal drawdown ground water sampling

Quality Control Samples (Ground Water)

- Reminder: Ground water monitoring reports must contain field blank and trip blank results per 20.9.9.10.N(14) NMAC
- Trip blanks:
 - Assess potential VOC contamination during sample storage and shipment; prepared by laboratory
 - One trip blank per cooler containing samples for VOC analysis
- Field blanks:
 - Assess potential sample contamination due to field conditions during sampling; prepared during field sampling event
 - One field blank per day or one per 20 samples collected, whichever is more frequent