

GROUNDWATER PROTECTION RESULTS

FOR THE

ALMA PHASE IV DISPOSAL FACILITY

- The WDNR approved the Phase IV Disposal Area Landfill under Chapter NR 500 Regulations on May 15, 2001.
- Fourteen (14) Groundwater Monitoring Wells were installed during the site permitting process. The monitoring wells are used to assess facility performance throughout the period of active site operations and perpetual long-term care.
- Groundwater samples are obtained from fourteen (14) monitoring wells on a semi-annual basis and analyzed for thirteen (13) parameters
- Disposal of coal combustion by-products began in the new Phase IV Landfill Facility in 2002. From 2002 through the groundwater sampling completed in March, 2007, an estimated 1,942 parameters have been analyzed in accordance with WDNR criteria.
- Based on the extensive groundwater monitoring database compiled through March, 2007, there have been No Verifiable Exceedences of WDNR criteria, thus confirming that the Phase IV Disposal Facility is functioning as designed.
- The proposed Genoa Off-Site Disposal Facility will also be designed in accordance with the WDNR Chapter NR 500 Regulations.