

activities on groundwater. The monitoring results for the wells will be included in the Annual Hydrology Report.

The Annual Hydrology Report will be submitted on or before February 28 of each year in compliance with Rule 4.05.13(4) (c). This report will compile data collected during the previous calendar year. The analysis will include comparisons in either a tabular or graphic form with data collected previously and with predictions contained in the Probable Hydrologic Consequences section.

A surface water control plan has been prepared and is shown on **Map 13-Sediment and Surface Water Control Plan-East Portal and Map 14-Sediment and Surface Water Control Plan-West Portal**. This plan has been developed and is currently in use to direct all surface waters from within the disturbed area through sediment control structures where the water quality can be monitored and controlled prior to discharge. The Operator currently monitors and plans to continue to monitor the water quality as covered under the NPDES permits during the life of the operation, Exhibit 22, NPDES Permit. Detailed studies of the impacts and control of surface waters and their relationship to the underground hydrologic system at the New Elk Mine are being conducted through the monthly monitoring program. **Map 8-Regional Hydrology**, shows the extensive monitoring program that the Operator is conducting to ensure protection of the hydrologic balance at the New Elk Mine.

A spill prevention control plan has been prepared by the Operator and is on file at the New Elk Mine. Generally, this plan calls for containing any potential oil spills and preventing the material from reaching or coming in contact with existing surface water. Details of the Spill Prevention Control and Countermeasure Plan are presented in Exhibit 27, Spill Prevention Control and Countermeasure Plan.

Disturbed area boundaries and stream buffer zones have been clearly marked and will be maintained in accordance with Section 4.02 and 4.06 of the CMLRD Regulation for Coal Mining. Stream buffer zone signs have been placed in high traffic area on site and will be placed along the entire length of the Purgatoire River within the permit boundary by December 30, 1986.

#### Protection of Public Parks and Historic Places

Research of the National Register of Historic Places indicates that there are no historic places near the New Elk Mine which will be affected by the mine's operation. There are also no publicly owned parks in the area that will be affected by the New Elk Mine. The mining area underlies the Bosque del Oso State Wildlife area which was transferred to the state by previous mine owners. New Elk Coal Company has the right to mine in this area as governed by a lease agreement. Operation of the haul road on the railroad bed and installation and operation of the railroad will create noise from trucks and the trains from the mine to the Jensen Rail Yard, however, this will have limited impacts on wildlife and the public that enjoy the State Wildlife area. NECC and CPW have an MOU (Exhibit 46) that contains stipulation for operation of haul trucks that will limit the potential impacts to wildlife and the State Wildlife Area. Retention of the post-mining haul road will provide additional access to the wildlife area.