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**APPROVALS**

**YEAR(S):**

1998



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

September 10, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-274-520-556**

Mr. Ed Hasely  
Burlington Resources  
P.O. Box 4289  
Farmington, New Mexico 87499-4289

**RE: SAN JUAN BASIN GROUND WATER INVESTIGATION WORK PLAN**

Dear Mr. Hasely:

The New Mexico Oil Conservation Division (OCD) has completed a review of Burlington Resources (BR) August 6, 1998 "GROUNDWATER INVESTIGATION AND REMEDIATION PLAN, SAN JUAN BASIN, NEW MEXICO". This document contains BR's work plan for investigation and remediation of contaminated ground related to the former use of unlined pits in the San Juan Basin of Northwestern New Mexico.

The above referenced work plan is approved with the following conditions:

1. All initial source area monitoring wells will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene (BTEX), total dissolved solids (TDS), major cations and anions and New Mexico Water Quality Control Commission (WQCC) metals.
2. BR will conduct all sampling and analysis activities using EPA approved methods and procedures including appropriate quality assurance/quality control (QA/QC).
3. A minimum of 2 downgradient monitor wells will be installed if the source area monitor well indicates that there is ground water contamination in excess of WQCC standards.
4. All wastes generated will be disposed of at an OCD approved facility or in an OCD approved manner.
5. The annual reports on investigation/remedial activities will present the information on each site as a separate case. Each case will contain:
  - a. A description of all investigation and remediation activities which occurred during the past calendar year including conclusions and recommendations.

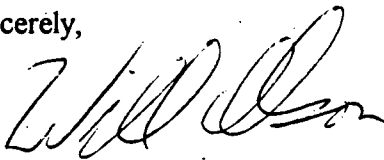
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- b. Summary tables containing all past and present laboratory analytic results of soil and water sampling including copies of the laboratory data sheets and associated QA/QC data for samples analyzed during the past calendar year.
  - c. Quarterly site/water table elevation map.
  - d. Quarterly isopleth maps for contaminants of concern (ie. BTEX, etc.)
  - e. Geologic logs and completion diagrams for all monitor wells installed within the past calendar year.
  - f. The disposition of all wastes generated.
6. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Please be advised that OCD approval does not relieve BR of liability if contamination exists which is beyond the scope of the work plan, if the activities fail to adequately determine the extent of contamination; or if the activities fail to adequately remediate contamination related to BR's activities. In addition, OCD approval does not relieve BR of responsibility for compliance with any other federal, state, tribal or local laws and regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson  
Hydrologist  
Environmental Bureau

cc: Denny Foust, OCD Aztec District Office