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CO-OP MINING COMPANY

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January 13, 2005

Coal Program
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED

JAN 19 2005

DIV. OF OIL, GAS & MINING

*Receiving
1/15/05*

To Whom It May Concern,

Re: Application to Change Existing Mining Plan, Lead Monitoring, Bear Canyon Mine, ACT/015/025

Enclosed is our response to the Technical Analysis dated 12-30-04. We have agreed to monitor for lead quarterly at site SBC-4.

In an email the Division expressed concern about potential contamination to Bear Canyons culinary water source by the mining activity. The culinary water source has always been from old abandoned areas of the mine and was never around the current mining operations. This is discussed in our source protection plan on file at the Division of Drinking Water (DDW). Additionally we receive annual inspection from either Division of Drinking Water or the State Health Department where they examine both our water system and the mining operation. They have never expressed concerns about our source protection. If the Division would like a copy of our source protection plan or the DDW inspection reports they can be obtained from the DDW or by calling me.

If you have any additional question please call me at 435-687-2450.

Thank You,

Mark Reynolds

Mark Reynolds

Enclosure(s)

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: CO-OP MINING COMPANY

Mine: BEAR CANYON MINE

Permit Number: ACT/015/025

Title: Lead Monitoring

Description, Include reason for application and timing required to implement:

To include quarterly monitoring for lead at site SBC-9A and SBC-4.

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?
Explain: _____
- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

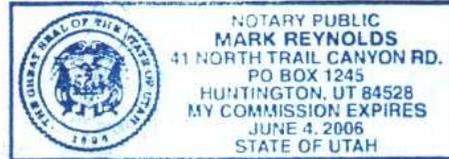
Charles Reynolds
Print Name

Charles Reynolds, Manager, 1/13/05
Sign Name, Position, Date

Subscribed and sworn to before me this 13 day of January, 2005

Mark Reynolds
Notary Public

My commission Expires: June 4, 2006
Attest: State of Utah } ss:
County of Emery



<p>For Office Use Only:</p>	<p>Assigned Tracking Number:</p>	<p>Received by Oil, Gas & Mining</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">RECEIVED</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">JAN 19 2005</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">DIV. OF OIL, GAS & MINING</p>
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Springs below the mine will be sampled to determine discharge and water quality parameters and their possible variation with time. These springs include SBC-14 , Big Bear Springs, COP Development Springs, and Birch Springs (Plate 7-4). Periodic checks will be made of the mine area to determine any impact not currently expressed at the surface. This data will be used to estimate seasonal fluctuations, aquifer recharge and consistent long-term changes and to ensure that no impacts occur. Springs above the mine will be monitored for field parameters, since the potential for impact to these springs is quantity rather than quality. **SBC-9A and SBC- 4 will be monitored for lead quarterly.**

Groundwater monitoring will follow the ground water sampling guidelines as shown in Table 7.1-6 using the water quality parameter list in Table 7.1-7. These tables follow the recommendations presented in Appendix 7-J. New significant occurrences within the present permit area will be promptly included in the sampling program, as specified by state requirements. Operational ground water monitoring will continue through reclamation to Bond Release.

The sampling matrix for each of the existing monitoring stations during the operational phase of mining is included in Table 7.1-8. No baseline data is available for SBC-17, but will be collected in 2000 and 2001, prior to mining occurring within the vicinity of this spring. Baseline samples will be collected for SBC-14, SBC-15, SBC-16, MW-114 and MW-117 in 2001.

Temporary Drill Hole Seals. Within 30 days of completion, drill holes utilized for groundwater monitoring will be sealed in a nonpermanent fashion by installing PVC surface casing with a threaded cap for access.

Table 7.1-7 Ground Water Quality Parameter List

Field Measurements:

- * - Water Levels or Flow
- * - pH
- * - Specific Conductivity (umhos/cm)
- * - Temperature (C°)

Laboratory Measurements: (mg/l) (Major, minor ions and trace elements are to be analyzed in dissolved form only.)

- * - Total Dissolved Solids
- * - Total Hardness (as CaCO₃)
- Aluminum (Al)
- Arsenic (As)
- Boron (B)
- * - Carbonate (CO₃⁻²)
- * - Bicarbonate (HCO₃⁻)
- Cadmium (Cd)
- * - Calcium (Ca)
- * - Chloride (Cl⁻)
- Copper (Cu)
- * - Iron (Fe) (Total and Dissolved)
- † - Lead (Pb)
- * - Magnesium (Mg)
- * - Manganese (Mn) (Total and Dissolved)
- Molybdenum (Mo)
- Nitrogen: Ammonia (NH₃)
- Nitrite (NO₂⁻)
- Nitrate (NO₃⁻)
- * - Potassium (K)
- Phosphate (PO₄⁻³)
- Selenium (Se)
- * - Sodium (Na)
- * - Specific Conductivity (umhos/cm)
- * - Sulfate (SO₄⁻²)
- Zinc (Zn)

Sampling Period:

-Baseline

*Operational, Postmining

†Quarterly for site SBC-9A and SCB-4