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URANIUM MILL TAILINGS REMEDIAL ACTION PROJECT

GUNNISON, COLORADO

JANUARY 18, 1994

*- Budget update
+ Next yr preview*

Briefing to the Gunnison County Commission

HIGHLIGHTS

- **Overview of 1993 Activities**
- **Activities to Come -- 1994**
- **Issues**

1993 OVERVIEW

- **Remediation Activities**
- **LUCP Requirements**
- **Health & Safety**
- **Wetland Mitigation**
- **Complaints/Resolutions**
- **Housing**
- **Easements**
- **Monitoring Activities**
- **Wildlife Mitigation**
- **Audits/Oversight**
- **Employment**
- **Site Tours/Visitors**

REMEDIATION ACTIVITIES

| <u>TYPE</u> | <u>QUANTITY</u> | <u>PERCENT COMPLETE</u> |
|-------------------|-----------------|-------------------------|
| Tailings | 149,000 CY | 19 |
| Demolition Debris | 10,000 CY | 100 |
| VP (Airport) | 15,000 CY | 50 |
| Asbestos | 75 CY | 100 |
| Other RRM | 4 drums | 100 |

EASEMENTS

- **Wilson Property Easement In Process**
 - ◇ **Signed Offer to Sell Agreement 12/93**
 - ◇ **Easement to be Signed Upon Completion of Outstanding Issues**
 - 🍏 **Construct Cattleguard(s)**
 - 🍏 **Perform New Fence Line Survey**
 - 🍏 **Add Additional Gates**
 - 🍏 **Construct Recessed Driveway**

LAND USE CHANGE PERMIT REQUIREMENTS

- **In Full Compliance With all Requirements Except No. 18 - Public Announcements**
 - ◇ **Notifications Performed**
 - 🍏 **Spring Start-up**
 - 🍏 **Winter Shutdown**
 - 🍏 **Any Off-normal Construction Activities**
 - 🍏 **Monthly News Letter**

MONITORING ACTIVITIES

- **Radon Gas**
- **Radiological Air Particulate**
- **Gamma Exposure**
- **Total Suspended Particulate**
- **Surfacewater and Groundwater**
- **Haul Road -- Contamination Leaks**

HEALTH & SAFETY

- **Developed Emergency Response Plan/Perform Drills**
- **Monitor Speed of Haul Units (Radar & Black Box)**
- **Noise Monitoring**

WILDLIFE MITIGATION

- **Installed Four Wildlife Guzzlers**
- **DOW Performed Antelope Counts in Jan and Aug**
- **MK-F Performed Sage Grouse Lek/Brood Flush Count in Apr and Aug**
- **Painted Trailer Roofs at Disposal Site in Dec**
- **Performing Wetland Enhancements and Developments**

WETLAND MITIGATION

- **Revised Plan in Review**
- **Completed Six Enhancements/One Spring Development**
 - **Fencing** *16 acs enhanced*
 - **Pipelines**
 - **Water Trough**
- **Monitor Plant Growth**

AUDITS/OVERSIGHT

| <u>TYPE</u> | <u>MK-F</u> | <u>CDH</u> | <u>DOE</u> | <u>NRC</u> |
|-------------------------------------|-------------|------------|------------|------------|
| Operational Readiness <i>NOT EN</i> | 2 | | 1 | |
| Department of Transportation | | | 2 | |
| Quality Assurance | 1 | | 2 | 1 |
| Health and Safety | 2 | | 3 | |
| Health Physics | 2 | | 2 | |
| Environmental | 1 | | | |
| Self-Assessment | 2 | | | |
| SAFE Team | | | 4 | |
| Site Management | | 14 | 7 | |

COMPLAINTS/RESOLUTIONS

- **Complaint: Business Person in Crested Butte Losing Drivers to UMTRA Project**
- **Resolution: Site Manager and Project Manager Outlined the Davis-Bacon Wage Rate Law**
- **Complaint: Four Calls Regarding Excessive Dust at Processing Site**
- **Resolution: Dust Originated From Valco Property**

EMPLOYMENT (Peak)

| <u>COMPANY</u> | <u>LOCAL</u> | <u>OTHER COLORADO</u> | <u>OTHER</u> | <u>TOTAL</u> | <u>PERCENT LOCAL</u> |
|-----------------|--------------|-----------------------|--------------|--------------|-----------------------------|
| MK-F/ CWMFES | 18 | 16 | 12 | 46 | 39 |
| Ames | <u>30</u> | <u>21</u> | <u>14</u> | <u>65</u> | <u>46</u> <i>try 15-80%</i> |
| Total | 48 | 37 | 36 | 111 | <u>43</u> |

Note: Percent local = 60 Mile Radius. Does not include Montrose area. Number of qualified operators/drivers in local work force lower than anticipated.

HOUSING

w/in 60mi radius

• **Gunnison Area - incl CB** **73**

• **Commuting** **17**

• **Other** **21**

Non-respondents

Peak emp 111 peo

**Note: Information based on results of employee survey.
Not all employees responded.**

TOURS/VISITORS

- **UMTRA Related (8)**

- ◇ **DOE (6)**

- ◇ **State Legislative Oversight Committee (1)**

- ◇ **BLM (1)**

#CoCo

- **Technology Transfer Related (5)**

- ◇ **Rocky Mountain Biological Laboratory**

- ◇ **Ames Laboratory**

- ◇ **German Delegation** — *6 has a big NUT problem —*

- ◇ **Monticello Project**

- ◇ **Weldon Springs Project**

Jason A:
much much bigger prob
hasn't even started dealing w it
Stomio

1994 OVERVIEW

- **Budget Outlook**
- **Remediation Activities**
- **Easements**
- **Wetlands Mitigation**
- **Miscellaneous**

BUDGET OUTLOOK

- **Funds Secured for 1994 Construction Season**
- **Funding in Out-Years Focused at Active Construction Sites**

REMEDIATION ACTIVITIES

- **Complete Tailings Haul by Mid-Oct (850,000 CY)**
- **Complete Airport Remediation by Sept**
MK feels done before
- **Complete Restoration Activities in ILS ^{Critical} Area by Sept**
ILS done 1st 1/4 airport
- **Begin Backfilling/Regrading Processing Site in July**
- **Begin Rock Production (Chance Gulch Rock Quarry)**

EASEMENTS

- **Obtain Permanent Easement for Access to Disposal Cell (With BLM)**
- **Wilson Property - Perform/Evaluate Outstanding Issues**
 - ◇ **Perform Fence Line Survey**
 - ◇ **Evaluate "New" Issues**

WETLANDS MITIGATION

- **Complete Two Spring Developments**
 - **Interplanting of Willows**
 - **Monitor Plant Growth**
-

MISCELLANEOUS

- **Project Similar Results in 1994 (as in 1993) for:**

- ◇ **LUCP**

- ◇ **Monitoring Activities**

- ◇ **Wildlife Mitigation**

- ◇ **Health & Safety**

- ◇ **Audits/Oversight**

- ◇ **Tour/Visitors**

- ◇ **Employment**

- ◇ **Housing**

ISSUES

- **Schedule Recovery Plan -- Tailings Haul 54 Percent Behind Schedule**

- ◇ Increase Haul Units (from 15 to 30)
- ◇ Double Loading and Unloading Operations
- ◇ Increase Work Week (from 5 to 6 days)

- **Gold Basin Road**

- ◇ Remediation 53 Percent Complete
- ◇ Replace 3100 Linear Feet (Worst Case)
- ◇ Additional Linear Feet - Road Damage by Ames
- ◇ Need Road Realignment Plans by May 1994

Shannon
over tail contains
1500 linear feet now
expecting 2902
2000"

Shannon
If we don't find tail under 3100 lin ft @ Ames hs)

- **Weed Control Along Haul Road**

Shannon
about 100, find in reg 4th y wd b reg 2 fix 4 hrs."

\$50.00/linear foot

\$100,000