

Msg. Center No. _____

U.S. Department of Energy
Grand Junction Projects Office
Monticello Support Office
Communication Center
P.O. Box 909
Monticello, Utah 84535-0909

MONTICELLO FACSIMILE TRANSMISSION ROUTING SHEET

Date 3/23/94

This Cover Sheet Is For Transmittal of Unclassified Messages

Sent From RUST Geotech Inc., Monticello Support Office

Canon Fax L770
Commercial: 801-587-2672

Verification
Commercial: 801-587-2615

To: Rick Van Horn UMETCO 303-245-3700
Name Location (Street or Bldg.) Phone


Grand Junction
City & State

From: Deb Richardson Monticello 587-2615
Name Location Phone

Send to Fax Machine Number 303 245-7543 Verification Number 245-3700

Special Instructions:

This Transmittal Consists of 1 Pages (Excluding Cover Sheet)

I certify this is an unclassified document and transmission is essential

Approved Signature

Date Sent _____ Verified _____

LIST OF WASTES MATERIALS ON THE MONTICELLO MILLSITE PROPOSED FOR DISPOSAL AT THE WHITE MESA MILL

Uranium Mill Tailings

Vanadium Mill Tailings

These tailings are integrally mixed with uranium mill tailings in the vanadium and carbonate piles. Available data indicate that the material in the vanadium and carbonate piles is not a RCRA characteristic hazardous waste.

Mill Structures

Includes concrete foundations, structural steel, mill equipment, asbestos, sumps, leach fields, septic tanks, dry wells, miscellaneous material that may be uncovered at the mill laboratory. Where feasible, byproduct material that is not radiologically contaminated will be sent to an alternative disposal site.

Miscellaneous Spills and Leaks of Fuels, Solvents or Processing reagents.

Perchloroethylene has been identified in a sump associated with the mill laundry facilities, trichloroethylene has been identified in an area where maintenance of mill equipment occurred. Solvent odors were noticed in an excavation downhill from the laboratory. Fuels have been identified in the area of the mill fuel storage tanks and in the soil downhill from the fuel storage tanks. Sampling is proposed to characterize waste that may be considered a hazardous substance under CERCLA. These wastes are still proposed to be considered byproduct material. It will be the responsibility of DOE to ensure that any wastes or spills generated by the BLM during its use of the mill maintenance facility are not RCRA hazardous wastes prior to sending wastes from this area to Umetco.

Residual Ore

In the past, sporadic pieces of ore have been removed from vicinity and peripheral properties along with the tailings removed from these properties. Currently, where feasible, the ore is being segregated from the tailings.

Structures Containing Vanadium Tailings

Structures containing vanadium tailings (generally in mortar used in construction) are being remediated.

230054

WMI-54
NLD4



Department of Energy
Grand Junction Projects Office
Post Office Box 2567
Grand Junction, Colorado 81502-2567

AUG 23 1993

DELIVERED BY HAND



— John Repin —

Mr. Richard A. Van Horn
Director of Operations
UMETCO Minerals Corporation
P.O. Box 1029
Grand Junction, Colorado 81502

SUBJECT: Request for Estimate of Fees for Disposal of Monticello Mill
Tailings at the UMETCO Blanding, Utah Facility (SOLICITATION FOR
INFORMATION OR PLANNING PURPOSES)

Dear Mr. Van Horn:

This solicitation is issued for the purpose of supporting an assessment of alternatives for disposal of vanadium and uranium mill tailings from the Monticello Mill Tailings Site. Cost information is required as a part of this assessment to establish the cost versus benefit for several disposal alternatives. To adequately evaluate the cost of the "Off Site: Existing Facilities" alternatives, which includes your facility in Blanding, Utah, an estimate of the disposal fees that would be charged to the Department of Energy (DOE) is required.

THE GOVERNMENT DOES NOT INTEND TO AWARD A CONTRACT ON THE BASIS OF THIS SOLICITATION OR TO OTHERWISE PAY FOR THE INFORMATION SOLICITED.

The following information is attached to assist you in the determination of the fees that you would charge:

- volume of millsite tailings and tailings contaminated soil, tailings contaminated soil from vicinity and peripheral properties and rubble,
- geotechnical characteristics of the tailings, and
- rate of tailings haulage.

The DOE would appreciate this estimate in dollars per bank cubic yard at the Monticello Millsite. This estimate would include all costs that would be incurred by your company associated with disposal of the Monticello tailings at your facility. No other costs, incidental or otherwise would be charged to the DOE.

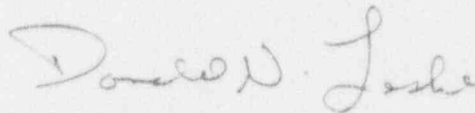
Richard Van Horn

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AUG 23 1993

If you have any questions, please call me at (303) 248-6008.

Sincerely,



Donald N. Leske
Project Manager

Attachments

cc w/attachments:

P. Mushovic, EPA

T. Howard, State of Utah

R. Kowalewski, DOE-HQ, EM-45i

H. Perry, Chem-Nuclear Geotech, Inc.

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M-3-L

QUANTITIES
(Excavation of Bank Cubic Yards)

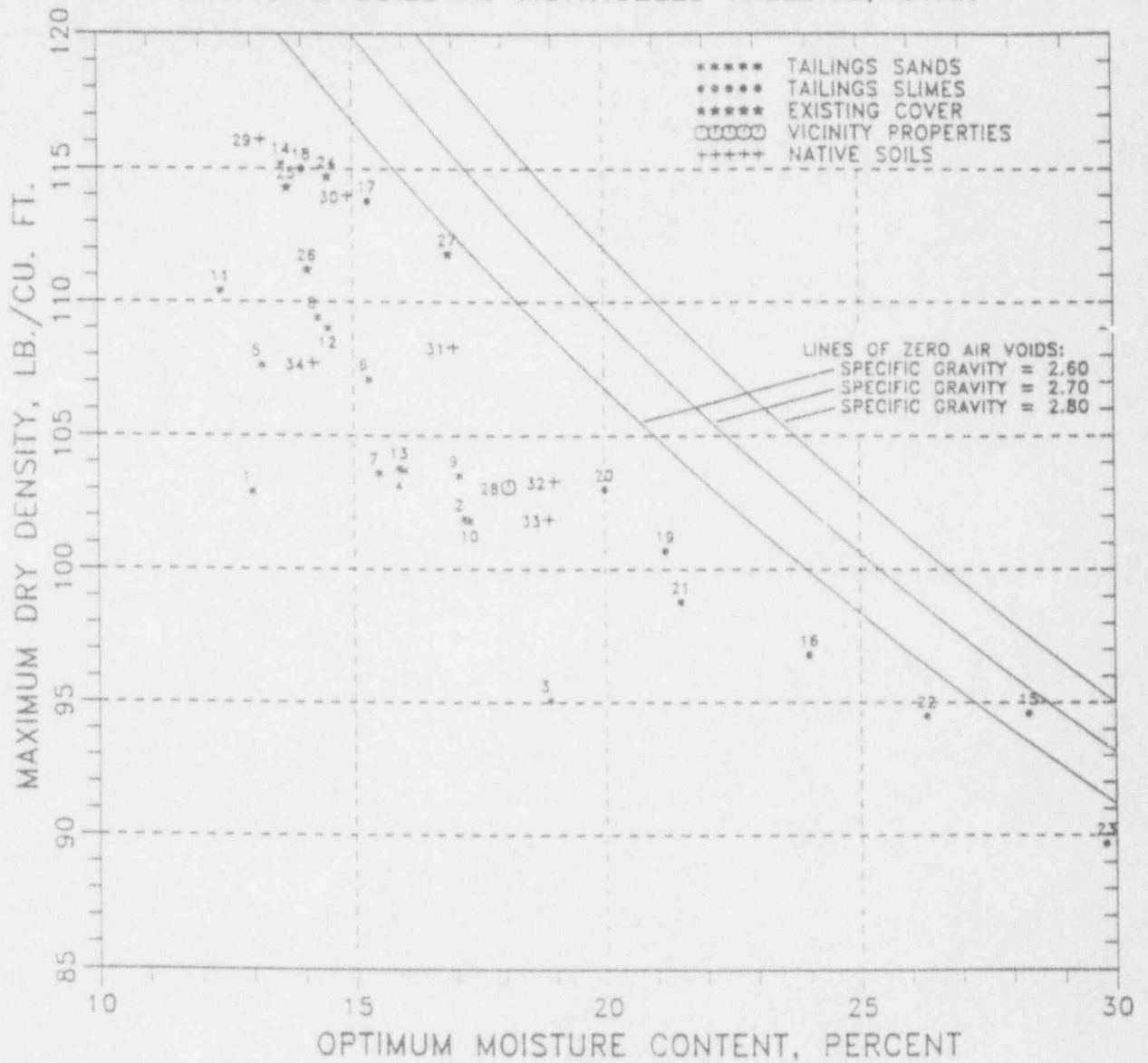
Tailings:	Sands =	1,39,306
	Slimes =	945,694
Contaminated Soil:	< 25 pcig =	300,000
	> 25 - < 100 pCig =	115,000
Rubble (concrete, rebar, soils)	> 100 pCig =	100,000
	TOTAL =	2,600,000
		(cost basis)
	+ 15%	2,990,000
		(potential volume requirement)

PRODUCTION RATES

8,100 CY Bank/Day (average)
20 hrs/day
6 days/week

Ability to place 550 CY bank/hour as surge capacity

ASTM D 698 MAXIMUM DENSITY & OPTIMUM MOISTURE CONTENT TAILINGS & SOILS AT MONTICELLO MILLSITE, UTAH



KEY TO DATA POINT LABELS

1 - MRAP-85-02 (PIT), 3.0 FT.	19 - D&M TEST PIT 12, 12.0 FT.
2 - D&M TEST PIT 6, 4.5 FT.	20 - D&M TEST PIT 2, 9.0 FT.
3 - D&M TEST PIT 6, 18.0 FT.	21 - D&M TEST PIT 4, 9.5 FT.
4 - D&M TEST PIT 11, 6.0 FT.	22 - MRAP-85-10 (PIT), 8.0 FT.
5 - MRAP-85-04 (PIT), 2.0 FT.	23 - D&M TEST PIT 8, 13.0 FT.
6 - MRAP-85-06 (PIT), 3.0 FT.	24 - MRAP-85-02 (PIT), 1.0 FT.
7 - MRAP-85-06 (PIT), 15.0 FT.	25 - MRAP-85-04 (PIT), 1.0 FT.
8 - D&M TEST PIT 1, 15.0 FT.	26 - MRAP-85-06 (PIT), 1.0 FT.
9 - D&M TEST PIT 2, 14.5 FT.	27 - MRAP-85-10 (PIT), 1.0 FT.
10 - D&M TEST PIT 4, 14.0 FT.	28 - D&M TEST PIT 1, 7.0 FT.
11 - MRAP-85-10 (PIT), 3.0 FT.	29 - D&M TEST PIT 13, 5.0 FT.
12 - D&M TEST PIT 7, 2.0 FT.	30 - D&M TEST PIT 9, 10.0 FT.
13 - D&M TEST PIT 8, 4.5 FT.	31 - MRAP-85-17, 0.0-5.0 FT.
14 - MRAP-85-21, 0.0-3.0 FT.	32 - MRAP-85-18, 0.0-5.0 FT.
15 - MRAP-85-02 (PIT), 6.0 FT.	33 - MRAP-85-20, 0.0-3.0 FT.
16 - D&M TEST PIT 11, 15.0 FT.	34 - D&M TEST PIT 10, 5.0 FT.
17 - MRAP-85-04 (PIT), 7.0 FT.	
18 - D&M TEST PIT 12, 6.0 FT.	