

0050



cc: PWB ✓
 INCOMING
 00150018

FAX TRANSMITTAL MEMO

Date 9/23/03

PLEASE DELIVER TELECOPY TO: Priscella Burton

LOCATION: DOG M - SIC

FROM: Dennis Oakley

NUMBER OF PAGES, INCLUDING THIS PAGE: 3

COMMENTS: _____

This facsimile message is confidential. It may contain privileged information or be subject to other confidentiality requirements and exemptions from disclosure under applicable law. It is solely intended for the above-named individual(s). If you are not the intended recipient(s), or the person responsible to deliver this message to the intended recipient(s), you are hereby advised that any dissemination, distribution or copying of the communication is prohibited. If you have received this facsimile in error, please notify the sender immediately by calling (801) 687-4750. (Collect, if necessary.)

tsaform.vpe

Huntington Office:
 (435) 687-9821
 Fax (435) 687-2695
 Purchasing Fax (435) 687-8092

Deer Creek Mine:
 (435) 687-2317
 Fax (435) 687-2285

Trail Mountain Mine:
 (435) 748-2140
 Fax (435) 748-5125

RECEIVED
 SEP 23 2003

Chapter II OPERATION PLAN**Section I STRUCTURES AND FACILITIES****1. ACCESS ROAD****A. INTRODUCTION**

The access road will begin at an intersection with U 31 and extend in a northerly direction approximately 3000 feet to Section 12+00 of the Deer Creek Waste Rock Storage Facility. The general location of the new road has been previously disturbed by activities associated with the Utah Power and Light Research Farm. The road is to be used by trucks carrying Deer Creek Waste Rock from the mine for disposal on the Deer Creek Waste Rock Storage Facility.

B. LOCATION

The road is located along the northeast bank of a small unnamed drainage in Township T17S, Range R8E, Section 5 & 6 on land owned by Utah Power and Light Co. The total area disturbed by the construction of the road will be 1.8 acres. (Refer to location map DS # 1012 E and surface ownership map # DS 999 D in map packets # 4-2 and # 1-1 respectively)

C. DESIGN

The horizontal and vertical alignment, the cuts and fills and the drainage structures have been located, designed and plotted to conform to the existing topography. The road encroaches upon the existing drainage channel at one location, between station 10+80 and station 11+50 (See Drawing DS1098A, Map Packet 4-1). The overall grade of the road is less than 3% with a maximum pitch grade of 7.5%. The road cross section will have a 24 foot wide ~~graveled~~ surface of ~~6"~~ depth sloped at 1% toward the roadside drainage ditches. Road side drainage ditches will be installed to carry road drainage to the cross culverts. Embankment sections will have out slopes built on a 1 v to 1.5 h. Cut sections will be built on a 1 v to 1.5 h in unconsolidated areas. Rock cutslopes will be built in 1 v to 0.5 h slope. The road corridor will be fenced with a locked gate at the intersection of the road with U 31 to control unauthorized access.

2. DEER CREEK WASTE ROCK STORAGE FACILITY**A. INTRODUCTION**

The original Deer Creek Waste Rock Storage Facility located on the mine permit area has been filled to capacity thus making it necessary to construct a new facility to handle the disposal needs of the mine. Calculations have been made, based on past history, of Deer Creek Waste Rock generated during mining operations, these quantities have been used to formulate the design of the new facility. (Refer to Chapter IV Engineering Designs)

Revised 3/27/89²⁻¹

B. LOCATION

The areas selected for the new site is located on lands owned by Utah Power and Light Co. The area is located in Township T17S, Range R8E, Sections 5 & 6 in an area just northeast of the Huntington Power Plant Evaporation pond. Some of the area to be used by the Deer Creek Waste Rock Storage Facility site has been previously disturbed by activities associated with the Power Plant and associated Research Farm. The total area disturbed by the Deer Creek Waste Rock Storage Facility, sediment control structures, topsoil, subsoil and drainage structures is 29.5 acres.

C. DESIGN

The facility is designed to compliment the existing topography of the area with as little disturbance to the existing drainage as possible and to use only those lands owned by Utah Power and Light. The construction, operation and reclamation of the facility is planned to take place in phases.

Phase I will include the following:

1. Construction of access road
2. Installation of perimeter fence
3. Construction of soil berms for area #1 from section 16+00 to section 9+50
4. Construction of sediment basin for area #1
5. Construction of permanent diversion #3, #4
6. Installation of silt fence along toe of soil berms
7. Interim revegetation on soil berms and roadfills
8. Placement of underground development waste and sediments in area #1

(See drawing Phase I, # CM-10778 DR, Map Packet 4-5)

Phase II

1. Construction of soil berms for area #2 from section 9+50 to section 2+80
2. Construction of diversion ditches #1, #2
3. Construction of disturbed ditches #1, #2
4. Reclamation of area #1
5. Install silt fences along toe of soil berms in area #2
6. Placement of underground development waste and sediments in area #2

(See drawing Phase II # CM-10779 DR, Map Packet 4-6)

Phase III

1. Reclaim area #2
 2. Construction of disturbed ditches #3, #4, #5
- (See drawing Phase III # CM-10780 DR, Map Packet 4-7)