

**utah  
power**  
& LIGHT COMPANY  
MINING DIVISION  
P.O. Box 310  
Huntington, Utah 84528

June 11, 1990

Act 1015/010  
#12

RECEIVED  
JUN 14 1990

Ms. Pamela Grubaugh-Littig  
Permit Supervisor  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

Dear Ms. Grubaugh-Littig:

Per your request, enclosed please find a copy of Drawing CM-10807-WB, Plate 3-1, from the Cottonwood/Wilberg PAP. As we discussed, the drawing was included in the amendment application for a ventilation intake portal in Corncob Wash. You requested an additional copy for submittal to the US Forest Service.

Also transmitted herewith is additional information relating to the Tipple Area Drainage and Trash Bunker amendment application for the Deer Creek Mine. The information was requested by Mr. Jeff Emmons, of your staff, and includes the following:

Page 3-48-A, revised 2/4/85. This page is missing from the Division's PAP.

Page 3-50.1, revised 6/11/90. This page should be inserted in the PAP following page 3-50.

Drawing CM-10380-DR, sheet 1 of 2, Plate 3-12, revised 2/1/85. This drawing is missing from the Division's PAP.

If you have questions please call me at 687-9821.

Sincerely,



Val Payne  
Senior Environmental Engineer

VP/do  
Enclosure

cc: J. Emmons (DOGM) - w/o enclosure  
D. W. Jense - w/o enclosure  
S. Child  
File

SURFACE FACILITIES

	<u>FACILITY</u>	<u>YEAR CONSTRUCTION</u>
1	Office and Bathhouse	1978
2	Warehouse	1973-74
3	Warehouse and Shop	1973-74
4	Transfer Tower	1973-74
5	Breaker and Trommel Screen	1979-80
6	Crusher Building	1973-74
7	Weigh Structure and Loadout	1973-74
8	ROM Conveyor	1973-74
9	Overland Conveyor	1973-74
10	Water Treatment Plant	1979
11	Ventilation Fan	1979
12	Rock Dust Storage Tank	1975
13	Concrete Storage Bin	1980
14	Oil Storage Bins	1980
15	Fuel Storage Area	1976
16	Power Substation	1974
17	12.5 KV Line	1973-74
18	Tipple Trash Bunker	1990
19	Compressor Building	1990

of the buried diversion pipes at the Deer Creek Mine specifications and plans were submitted. Approval of the engineering and diversion plan was given by the State.

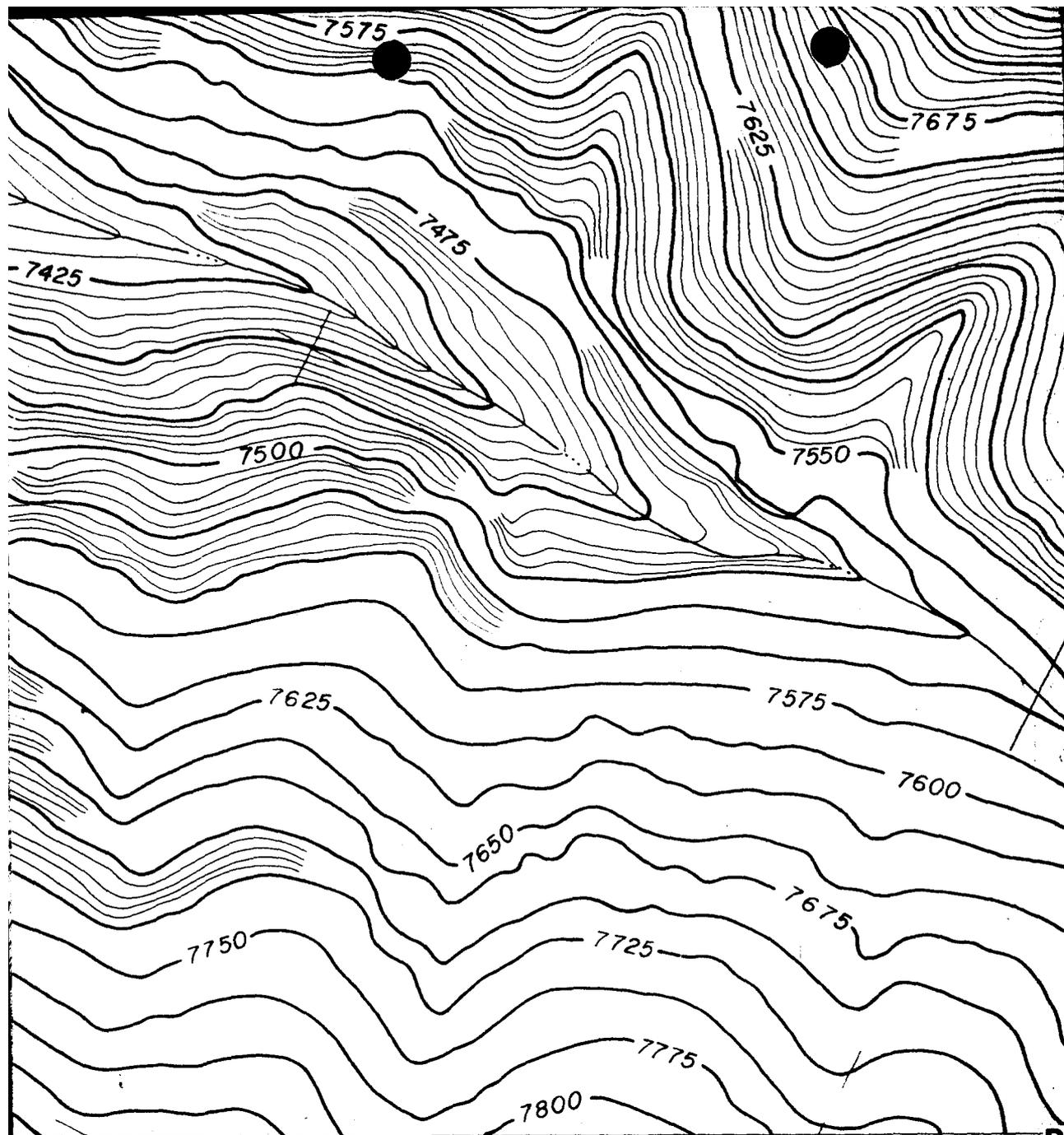
Applicant understands the constructed diversion for Elk Canyon is undersized because a surface ditch to divert runoff from the disturbed area was, for some unknown reason, deleted. Company will install an additional 42 inch CMP parallel to the existing pipe to provide the hydrological protection in Elk Canyon. *On hold per memo from DCGN 11-21-86*

In the Right Fork of Deer Creek initial design of the pipe was based on a prorated value of the main drainage and its computed discharge. This method has been challenged by OSM reviewers.

Company agrees, and using a very conservative method, (SCS) has recalculated peak flows from this drainage. We have designed, and have included in permit application, an additional parallel pipe to accommodate the additional runoff waters.

However, we are reluctant to simply spend additional funds for increased piping based on conservative runoff figures. Moreover, we have over six years of experience with the single pipe without over-topping. It is our contention it would be in our best interest to request a variance concerning the diversion and leave the existing pipe as is.

*See Vol 3, III*



N 372,000

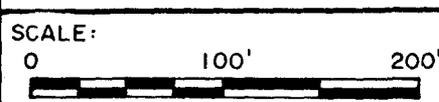
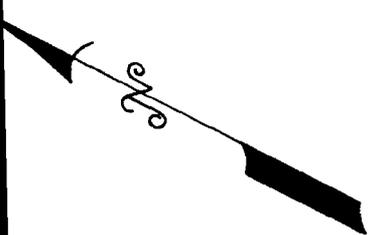
3-12  
REVISED  
2-1-85

DEPARTMENT OF MINING & EXPLORATION

DEER CREEK COAL MINE  
EMERY COUNTY, UTAH

*INTERRUPTED*  
DRAINAGE DIVERSION MAP

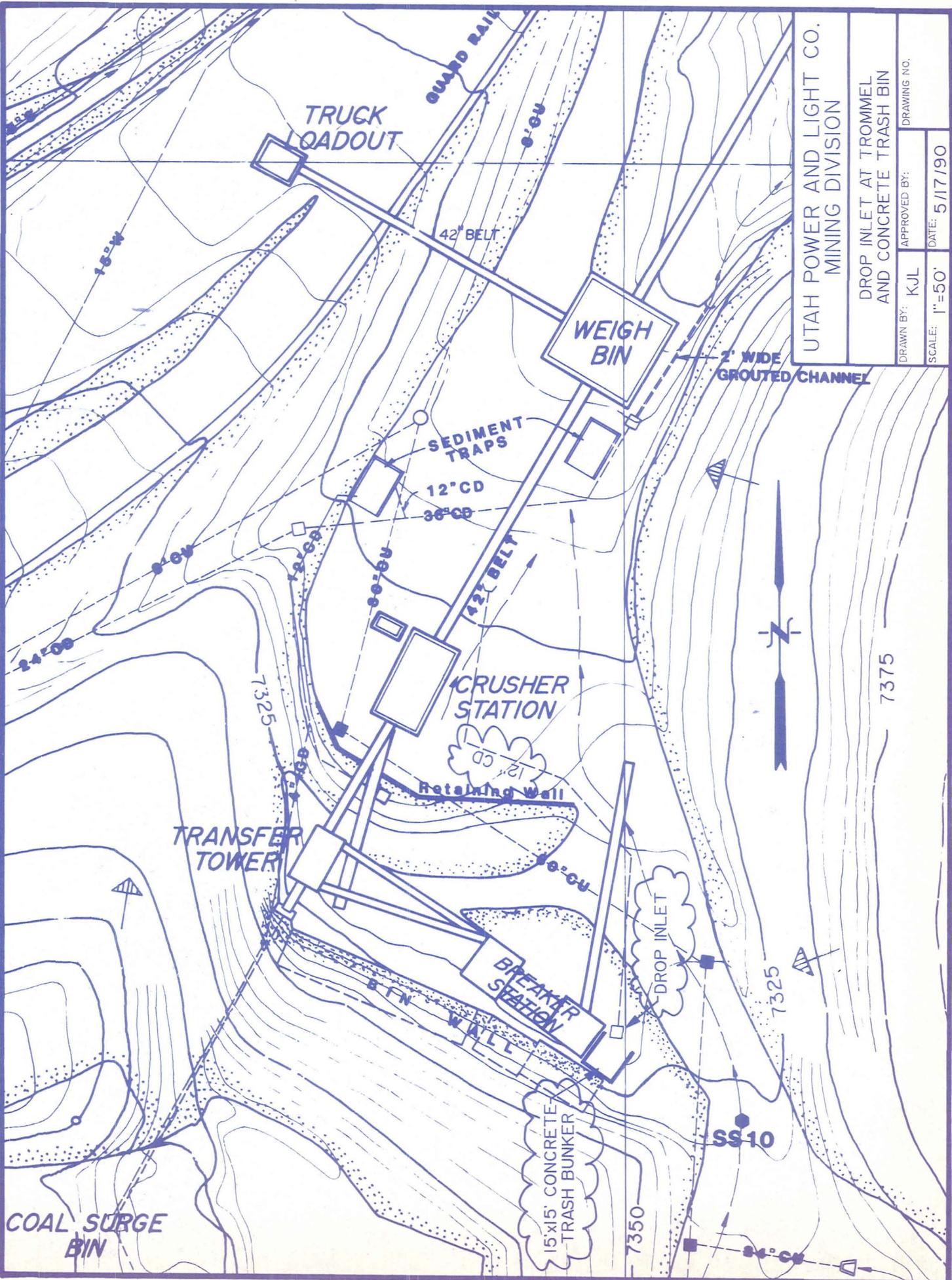
UTAH POWER & LIGHT COMPANY  
SALT LAKE CITY, UTAH



DATE: FEBRUARY 14, 1981

VAL = 5.0'

Sheet 1 of 2 Dwg. no: CM-10380-DR



UTAH POWER AND LIGHT CO.  
MINING DIVISION

DRAWN BY: KJL  
APPROVED BY: KJL  
DRAWING NO.

SCALE: 1" = 50'  
DATE: 5/17/90

DROP INLET AT TROMMEL  
AND CONCRETE TRASH BIN

**utah**  
**power**  
& LIGHT COMPANY  
MINING DIVISION  
P.O. Box 310  
Huntington, Utah 84528

RECEIVED  
MAY 25 1990

DIVISION OF  
OIL, GAS & MINING

May 23, 1990

Ms. Pamela Grubaugh-Littig  
Permit Supervisor  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Request for Amendment to Permit Application Package, Utah  
Power and Light Company, Deer Creek Mine, ACT/015/018, Emery  
County, Utah

TIPPLE AREA DRAINAGE AND TRASH BUNKER

Enclosed please find Utah Power and Light Company's plan for amending the Deer Creek Mine Permit Application Package. The amendment involves installation of a trash bunker near the rotary breaker and a drop inlet structure and culvert in the tipple area. Please refer to the accompanying drawing for locations.

The trash bunker will be constructed 15 feet wide, 15 feet long and 10 feet high. The walls will be 12 inch thick reinforced concrete. The trash bunker will provide for better management of the trash which is removed from the coal stream at the rotary breaker station.

The drainage improvement will include a drop inlet structure and 12 inch diameter culvert located in the vicinity of the rotary breaker and the crusher. This installation will result in improved drainage control in the tipple area and ponding near the breaker building will be eliminated.

If this request is approved, seven (7) copies of the Deer Creek Surface Facility and Drainage Maps will be submitted for insertion into the PAP. The project will not significantly change the reclamation costs; therefore, the reclamation cost summary has not been modified.

Please respond, as soon as possible regarding this request, to the following:

David Smaldone  
Utah Power and Light Company  
324 South State  
Salt Lake City, Utah 84140

and copy to:

Val Payne  
Utah Power and Light - Mining Division  
PO Box 310  
Huntington, Utah 84528

If you have any questions please call me at 687-9821.

Sincerely,



*for* Val Payne  
Senior Environmental Engineer

VP/do  
Enclosure



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

July 11, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor  
FROM: Jeff Emmons, Reclamation Hydrologist *JE*  
RE: Amendment to Permit Application Package, Tipple Area Drainage, Trash Bunker and Compressor Building, Utah Power and Light Company, Deer Creek Mine, ACT/015/018-90E, Folder #2, Emery County, Utah

## Synopsis

On May 25, June 7 and June 14, 1990, the Division received a proposal request to improve the surface drainage near the Tipple Area by installing a drop inlet structure. The request also included the construction of a trash bunker for improved trash management and a building to enclose a compressor for weather and damage protection.

## Analysis

Drop Inlet The drop inlet will improve drainage control in the Tipple Area and ponding near the breaker building will be eliminated. The surface drainage will be transported by a 12-inch culvert and discharged to the sediment trap. The 12-inch culvert is adequate to handle the small area drainage.

Trash Bunker and Compressor Building The trash bunker and compressor building are necessary to the coal mining operator and are adequate to perform their intended purpose. These structures will not impose a danger to the environment or to public health, or to public safety.

## Recommendation

The amendment to the PAP should be approved with the following condition:

Photographs and seven copies of the trash bunker and compressor building must be submitted immediately following completion of construction.

djh  
AT54/15