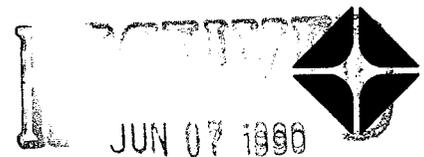


0002

BEAVER CREEK Coal Company

Post Office Box 1378
Price, Utah 84501
Telephone 801 637-5050



June 5, 1990

DEPT OF
OIL, GAS & MINING

Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
S.L.C., Utah 84180-1203

Re: B.T.C.A. and Thickener Pond Area
C.V. Spur Processing Facility
ACT/007/022 # 2
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 4 copies of the revised Plate 3-2 and pages for the C.V. Spur M.R.P.. These amended sheets are provided to further clarify B.T.C.A. Areas not draining to the sediment ponds. Also shown on Plate 3-2 is the Thickener Pond Area north of the plant, which is to be deactivated and filled in, and the area used for additional coal storage. This pond was only for the thickener, and had no inlet or outlet structures. The pond has not been utilized since 1984, and is no longer needed for the operation.

If you have any questions, or need any further information, please let me know.

Respectfully,

A handwritten signature in cursive script that reads "Dan W. Guy".

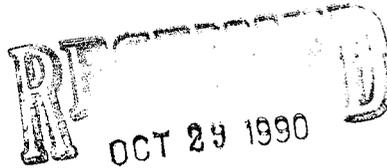
Dan W. Guy,
Mgr. Permitting/ Compliance

cc: Johnny Coffey
File

5/10/90

BEAVER CREEK Coal Company

Post Office Box 1378
Price, Utah 84501
Telephone 801 637-5050



October 23, 1990

OIL, GAS & MINING

Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
S.L.C., Utah 84180-1203

Re: Map Update
C.V. Spur Processing Facility
ACT/007/022
Carbon County, Utah

Dear Ms. Littig:

Enclosed are 10 copies of the revised Surface Facility Map for C.V. Spur, along with updated sheets on culverts and collection ditches. This information is submitted to more accurately reflect the on-ground conditions at the site, and to provide information on some previously un-numbered culverts.

Pages and Plates are numbered, and, upon approval, should replace corresponding numbers in the plan. If you have any questions, or need any further information please let me know.

Respectfully,

Dan W. Guy
Mgr. Permitting/Compliance

cc: Johnny Coffey
File



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
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 18, 1990

Mr. Dan Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

Re: **Permit Boundary and BTCA's, Beaver Creek Coal Company, C. V. Spur Coal Processing and Loadout Facility, ACT/007/022-90A, Folder #2, Carbon County, Utah**

Attached is a Technical Memorandum that reviews the above-referenced permit amendment. The coal storage area and Best Technology Currently Available (BTCA's) Area #1 must be addressed as identified in the memorandum.

Please provide four copies suitable for insertion into the approved Permit Application Package by no later than August 1, 1990.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

djh
Attachment
AT



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
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 18, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Jeff Emmons, Reclamation Hydrologist *J.E.*
RE: **Permit Deficiencies and Amendments, Beaver Creek Coal Company, C. V. Spur Coal Processing and Loadout Facility, ACT/007/022-90A, Folder #2, Carbon County, Utah**

Synopsis of Proposal

During an inspection conducted by Bill Malencik, Reclamation Specialist, several permit deficiencies were identified and a request to reactivate a coal storage area was submitted. The permit deficiencies consisted of the three small areas that need review for exemption from the requirement to drain to a sedimentation pond; An additional permit deficiency included the need to modify the east permit boundary to include all the railroad rights-of-way. These items were discussed in the May 4, 1990 memorandum from Bill Malencik to you.

Subsequent to the memorandum, another area has been identified which needs review for the exemption to drain to a sedimentation pond, and a proposal was made to create a coal storage area.

Analysis

These submittals were made under the criteria required by the Underground Coal Mining Rules. These rules have been replaced by the Coal Mining Rules effective April 12, 1990. These submittals are reviewed utilizing the new rules.

The small drainage areas, coal storage areas, and permit boundary changes can be identified on amended Plate 3-2.

Page 2
Memo to P. Grubaugh-Littig
ACT/007/022-90A
July 18, 1990

Permit Boundary

The current permit boundary runs through the center of the coal silo. The east boundary will be relocated 42.5 feet to the east to include the leased Denver and Rio Grande Western Railroad Company's right-of-way. The permit area will be increased by approximately 2.63 acres, which will enlarge the permit area by less than 2 percent.

A copy of the lease agreement between the Beaver Creek Coal Company and the Denver and Rio Grande Railroad Company has been included.

The reclamation cost for the enlarged permit area is not substantial and will not require a bonding increase.

Coal Storage Areas

Two areas have been proposed to store coal. The first area is located immediately east of Sedimentation Pond #5. The second area is located at the present thickner overflow pond.

The first area was contemporaneously reclaimed in 1988. The reclamation was not successful. The area does not contain any valuable soil medium and drains to a sedimentation pond.

The second proposed coal storage area consists of the thickner overflow pond. The facility no longer processes coal in a manner which requires use of the pond. The pond has been inactive since 1984. The pond is bermed with the material excavated to create the depression. The berm will be backfilled to eliminate the pond. The area drains to a sedimentation pond.

BTCA Drainage Area #1

The area is approximately 0.69 acres in size which is less than 1 percent of the total disturbed area. The calculated runoff for a 10-year, 24-hour event is 0.098 acre-feet. Sediment control to treat the runoff is a silt fence and vegetative filter.

Page 3
Memo to P. Grubaugh-Littig
ACT/007/022-90A
July 18, 1990

BTCA Drainage Area #2

This area is approximately 0.28 acres in size which is less than 1 percent of the total disturbed area. Sediment control is by total containment. A 10-year, 24-hour event will produce 0.040 acre-feet of runoff. The area has a storage capacity of 0.088 acre-feet.

BTCA Drainage Area #3

This area is approximately 0.85 acres in size, which is less than 1 percent of the total disturbed area. Sediment control is by total containment. A 10-year, 24-hour event will produce 0.120 acre-feet of runoff. The area has a storage capacity of 0.165 acre-feet.

BTCA Drainage Area #4

This area is approximately 0.52 acres, which is less than 1 percent of the total disturbed area. Sediment control is by total containment. A 10-year, 24-hour event will produce 0.074 acre-feet of runoff. The area has a storage capacity of 0.26 acre-feet.

Recommendation

Permit Boundary

The permit boundary change should be approved as submitted.

Coal Storage Areas

Both coal storage areas should be approved as submitted with the following conditions:

1. The coal pile east of Sedimentation Pond #5 must have adequate setback from Sedimentation Pond #5, and Diversion Channels C-5 and CD-7 to assure they function as designed. The coal pile must be separated from the railroad tracks by a minimum of 12 feet.

Page 4
Memo to P. Grubaugh-Littig
ACT/007/022-90A
July 18, 1990

2. The coal pile at the thickner pond must have adequate setback from Diversion Channel CD-6 to assure it functions as designed.

BTCA Area #1

The proposal should be approved as submitted, with the condition that water samples shall be collected when possible from runoff passing through silt fences. The collected samples shall be tested for total settleable solids and total suspended solids.

BTCA Area #2, 3 and 4

These areas should be approved as submitted.

djh
AT54/8-11



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
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

May 10, 1990

Mr. Dan Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

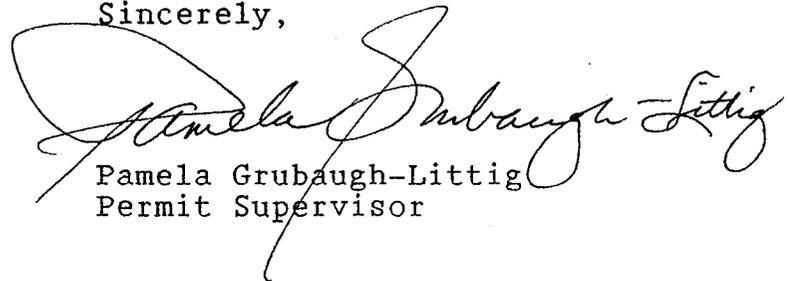
Dear Mr. Guy:

Re: Permit Defects, Beaver Creek Coal Company, C. V. Spur Coal Processing and Loadout Facility, ACT/007/022-90A, Folder #2, Carbon County, Utah

Attached please find a Technical Memorandum that identifies two permit defects for the C. V. Spur Coal Processing and Loadout Facility. Item Number One refers to correcting the permit boundary on Plate 3-2 and Figure 7-5, and submitting a copy of the railroad Right-of-Way. Item Number Two identifies two BTCA areas and the recommendation for correction is outlined in the memorandum.

Please provide four copies suitable for insertion into the Permit Application Package by no later than May 25, 1990.

Sincerely,



Pamela Grubaugh-Littig
Permit Supervisor

djh
Attachment
cc: B. Malencik, DOGM, PFO
AT45/102



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ACT/007/022 #2

Norman H. Bangertter
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

RECEIVED
MAY 07 1990

DIVISION OF
OIL, GAS & MINING

May 4, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Wm. J. Malencik, Reclamation Specialists *WJM*
RE: Permit Deficiencies/Coal Storage Area - C.V. Spur

In connection with a partial inspection, several items came to the attention of the operator and the undersigned that you should know about. These include two permit items identified in my inspection and operators request to reactivate a coal storage area. Please refer to the attached map.

Item 1 Permit Deficiency. The current permit easterly boundary runs through the center of the coal silo. The permit boundary needs to be modified to include all of the silo area.

When land was purchased, before the silo was constructed, an existing ROW for a rail spur was on record. This was a land title encumbrance, even though the operator had title to the land in the ROW. Therefore, when the silo was constructed the operator obtained a ROW from the railroad to construct the silo and his rail facilities lying within the railroad ROW.

I recommend that the permit boundary be amended to coincide with the easterly boundary of the railroad ROW. Further, the operator amend Plate 3-2 and Figure 7-5 and submit such documents to the Division. Also the operator should submit a copy of the railroad ROW.

Item 2 Permit Deficiency. The current undisturbed boundary adjacent to the coal silo needs to be modified (Fig. 7-5). Further, the Areas A and B shown on the attached map do not drain into a sediment pond. However, a visual inspection revealed that no runoff is leaving the site. Nevertheless, these areas need to be treated and approved as areas exempt from reporting to a sediment pond. The areas we question cannot feasibly drain to a sediment pond.

Two areas are involved with respect to treatment or as follows:

- o Area A: Area A is a depression that drains into the sediment pond ditch. The upper end does not have a good stand of vegetation, however, the lower end has a good grass stand. Recommend the Area A be treated with a berm, and a silt fence or straw bales where it interfaces with the sediment pond ditch.
- o Area B: Area B lies in a depression between and/or adjacent to the railroad tracks. No evidence of runoff departing Area B could be detected. There was past evidence of standing water that was well below the containment berm.

Recommend that the operators proposal be considered as exempted areas from reporting to the sediment ponds providing he

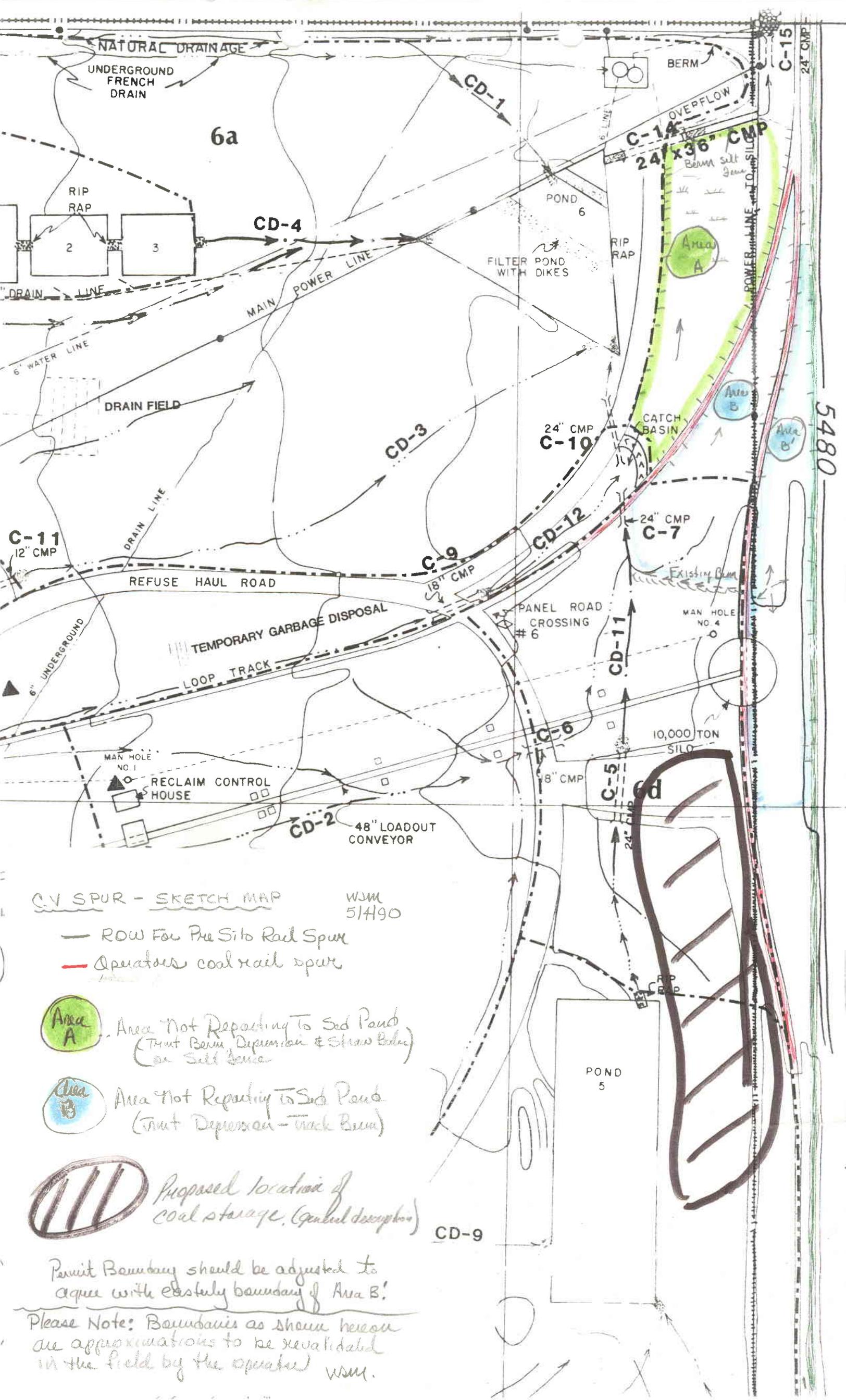
1. Submits amended maps and text
 2. Calculates the area within Areas A and B
 3. Calculates the potential runoff for Area B to demonstrate total containment and
 4. Maintains samples and TSS and SS water quality records of any flows through silt fence.
- Negative or no flow reports are not required.

Item 3 Reactivating coal storage area. In a reclaimed disturbed area, the operator proposes to store coal. The area has contemporaneously been seeded in the fall of 1988. The seeding is unsuccessful. The area does not contain any valuable soil medium because of its prior use. The area proposed currently drains to a sediment pond.

Recommend the operator be granted permission to reactivate coal storage in this area rather than in an undisturbed area.

The operator must designate the coal storage area on the surface facilities map. Further, the coal should not be stored any closer than twelve (12) feet to the operators railroad tracks. Also a small buffer area should be kept open that would prevent coal from falling in to adjoining ditch and sediment pond.

BM/lap
Enclosure: Sketch Map
cc: BCCC/Dan Guy



C.V SPUR - SKETCH MAP

WJM
51490

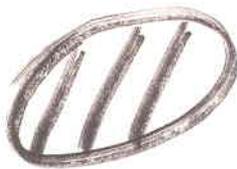
- ROW For Pre Site Rail Spur
- Operator's coal rail spur



Area Not Reporting to Sed Pond
(Trout Berm Depression & Straw Bales)
See Self fence



Area Not Reporting to Sed Pond
(Trout Depression - track Berm)



Proposed location of
coal storage. (General description)

Permit Boundary should be adjusted to
agree with eastern boundary of Area B!

Please Note: Boundaries as shown hereon
are approximations to be revalidated
in the field by the operator WJM.

5480

C-15

BERM

C-14
24' x 36' CMP
Overflow
Berm
Silt
Sewer

6a

NATURAL DRAINAGE

UNDERGROUND FRENCH DRAIN

CD-1

RIP RAP
2
3

CD-4

POND 6

FILTER WITH POND DIKES

RIP RAP

Area A

6" DRAIN LINE

MAIN POWER LINE

6" WATER LINE

DRAIN FIELD

CD-3

24" CMP
C-19

CATCH BASIN

Area B

Area B'

C-11
12" CMP

REFUSE HAUL ROAD

C-9
18" CMP

CD-12

24" CMP
C-7

Existing Berm

6" UNDERGROUND

TEMPORARY GARBAGE DISPOSAL

PANEL ROAD CROSSING #6

MAN HOLE NO. 4

MAN HOLE NO. 1

RECLAIM CONTROL HOUSE

C-6

10,000 TON SILO

CD-2

48" LOADOUT CONVEYOR

C-5

24" CMP

CD-11

8" CMP

POND 5

RIP RAP

CD-9

