



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*John Page*

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

## INSPECTION REPORT

INSPECTION DATE & TIME: 4/8/91; 12:00 pm to 4:00 pm  
4/9/91; 8:30 am to 3:00 pm

Permittee and/or Operator's Name: Sunnyside Coal Company (SCC)  
Business Address: P.O. Box 99, Sunnyside, Utah 84539  
Mine Name: Sunnyside Permit Number: ACT/007/007  
Type of Mining Activity: Underground X Surface    Other     
County: Carbon Company Official(s): Karl Housekeeper  
State Officials(s): Henry Sauer, Hugh Klein  
Federal Official(s): None  
Partial:    Complete X Date of last Inspection: 3/27/91  
Weather Conditions: Clear and Windy  
Acreage: Permitted 14,475 Disturbed 310 Regraded    Seeded     
Bonded 287 Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	( )	( )	(X)
2. SIGNS AND MARKERS	(X)	( )	( )	( )
3. TOPSOIL	(X)	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	( )	( )	( )
b. DIVERSIONS	(X)	( )	( )	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	( )	( )	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	( )	( )	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	( )	( )	( )
f. EFFLUENT LIMITATIONS	(X)	( )	( )	( )
5. EXPLOSIVES	( )	( )	(X)	( )
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	(X)	( )	( )	(X)
7. COAL PROCESSING WASTE	(X)	( )	( )	(X)
8. NONCOAL WASTE	(X)	( )	( )	( )
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	( )	( )	( )
10. SLIDES AND OTHER DAMAGE	(X)	( )	( )	(X)
11. CONTEMPORANEOUS RECLAMATION	(X)	( )	( )	(X)
12. BACKFILLING AND GRADING	(X)	( )	( )	( )
13. REVEGETATION	(X)	( )	( )	( )
14. SUBSIDENCE CONTROL	(X)	( )	( )	( )
15. CESSATION OF OPERATIONS	( )	( )	(X)	( )
16. ROADS				
a. CONSTRUCTION	(X)	( )	( )	( )
b. DRAINAGE CONTROLS	(X)	( )	( )	( )
c. SURFACING	(X)	( )	( )	( )
d. MAINTENANCE	(X)	( )	( )	( )
17. OTHER TRANSPORTATION FACILITIES	(X)	( )	( )	( )
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	( )	( )	( )

## INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/007/007 DATE OF INSPECTION: 4/ 8 & 9 /1991

(Comments are Numbered to Correspond with Topics Listed Above)

Karl Housekeeper (SSC) accompanied the undersigned inspector on this complete state inspection. Weather conditions were clear and windy. The following records were reviewed and found in good order: Proof of Insurance; Bond; 1st Quarter of 1991 MSHA weekly pond inspection; 1st Quarter of 1991 Non-MSHA quarterly pond inspection; 1990 Annual Report (Coal Mined in 1990 = 831,723 Raw Tons; 676,580 Clean Tons) 1st Quarter NSPDES Permit Discharge Monitoring Reports; 1st Quarter Water Monitoring Reports.

### 1. PERMITS

SCC was granted a successive five-year renewal and the permit was issued on January 20, 1991. The permit was signed by Division Director Dianne R. Nielson and Joe Fielder (authorized representative for the permittee).

### 4b. HYDROLOGIC BALANCE: DIVERSIONS

The culverts below the unit train loadout and at the bottom of the #2 yard have been cleaned of sediments.

The culvert inlet north of the entrance to the unit train loadout was clogged. Weeds had plugged the inlet, however, no drainage had overtop the diversion ditch. Mr. Housekeeper unplugged the culvert immediately.

### 4c. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

All sedimentation pond design drawings were reviewed and designed structures were field verified.

Bill Balaz (P.E.) recommended, in the last pond inspection report, removing vegetation and accumulated sediments from the Old Coarse Refuse Pond. I recommended that the vegetation and rooting mass be "live handled" and placed on the outslopes of the pond embankment. The vegetation within the pond is desirable perennial grasses and shrubs and should be utilized. I informed Mr. Housekeeper that the Tamarix shrubs should be disposed of.

### 4d. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The silt fences around the Old Coarse Refuse Bottom Pond must be repaired.

The silt fences in the Pole Canyon channel need earthen berms constructed around the ends of the silt fences. This should prevent drainage from flowing around the silt fences.

**INSPECTION REPORT**

(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/007/007 DATE OF INSPECTION: 4/ 8 & 9 /1991

6. DEVELOPMENT WASTE AND SPOIL DISPOSAL

In order to assure compaction of the coarse refuse SCC is spacing the end dumped loads farther apart.

The combustion on the second and third lifts of the coarse refuse pile has been extinguished. The operator has placed borrow area soil material on the 'hot spots' and incorporated the soil into the refuse. The areas which received this treatment are quite apparent to the observer.

7. COAL PROCESSING WASTE

The inlet to slurry cell #2 was in the process of being repaired. The new inlet structure with adjoining outlet apron is depicted on Plate III-B (revised 4/10/91).

Slurry cell #1 is in the process of being cleaned out.

10. SLIDES AND OTHER DAMAGE

Gullies are evident on the south outslope of the west slurry cell. It appears that the majority of the outslope bank is coarse refuse with an approximate 1 ft cap of topsoil. The gullies on the 1.5 horizontal:1 vertical slope have formed from the water which has fallen on the slope. I instructed Mr. Housekeeper to repair the gullies (i.e. straw and rock or backfilling with soil) and seed the area in the Fall of 1991.

11. CONTEMPORANEOUS RECLAMATION

The inslopes and outslopes of the Borrow Area Sedimentation Pond were originally hydroseeded, hydromulched, and fertilized in the Fall of 1989. In the fall of 1990, the slopes were remulched and refertilized. Presently, the frequency of occurrence for perennial grasses appears high. A few juvenile rubber rabbit brush were observed and appeared vigorous.

Copy of this Report:

Mailed to: John Kathmann, OSM; Karl Houskeeper, SCC

Given to: Joe Helfrich, DOGM

Inspector's Signature & Number:  #32 Date: 4/16/91