

0018



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

November 18, 1993

Mr. Robert Hagen, Director  
Office of Surface Mining  
Reclamation and Enforcement  
505 Marquette N.W., Suite 1200  
Albuquerque, New Mexico 87102

Re: Removal of Water Monitoring Sites CRS and CRB from SCC's Permit,  
Sunnyside Mine, Sunnyside Coal Company, ACT/007/007-93AA, Folder #2,  
Carbon County, Utah

Dear Mr. Hagen:

Enclosed please find the finalized copies of the above-noted amendment  
approved November 17, 1993.

Sincerely,

A handwritten signature in cursive script, reading "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig  
Permit Supervisor

pgl  
Enclosure  
cc/enc: Bill Malencik, PFO





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

November 17, 1993

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Thomas Munson, Senior Reclamation Hydrologist 

RE: Permit change to remove Water Monitoring Sites CRS and CRB from SCC's Permit, Sunnyside Coal Company, Sunnyside Mine, ACT/007/007-AA, Folder # 2, Carbon County, Utah

Synopsis

The Division received a request to delete some water monitoring points from the responsibility of Sunnyside Coal Company(SCC) and transfer that responsibility to Sunnyside Cogeneration(SCA).

Recommendation

The transfer of responsibility does not involve any decrease in monitoring of these sites, but transfers the responsibility from one company to another. This memo is a concurrence regarding the responsibility of SCA to monitor these points and a release of responsibility for SCC. It is not a review of SCA's monitoring plan.



# Sunnyside Coal Company

Operations • Highway 123 • P.O. Box 99 • Sunnyside, Utah 84539

November 9, 1993

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

ACT 1007/1007 #2

#AA

Copy Ken, Bill, Henry

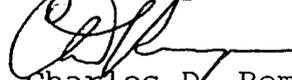
Dear Pam:

Re: Permit Change to Remove Water Monitoring Sites CRS  
and CRB from SCC's Permit

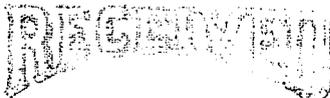
Enclosed please find an Application for Permit Change which will eliminate water monitoring sites CRB and CRS from SCC's current operating PAP. As per the operating agreement between SCC and SCA, the responsibility for monitoring these sites is now included SCA's permit.

I trust that you will find the information contained in this Application for Permit Change in order. Your timely consideration of this request will be very much appreciated. Please call if you have any questions or concerns.

Sincerely,



Charles D. Rempes  
Environmental Coordinator



NOV 16 1993

DIVISION OF  
OIL, GAS & MINING

Corporate Offices  
The Registry  
1113 Spruce Street  
Boulder, CO 80302  
303-938-1506  
FAX: 303-938-5050

Operations  
Highway 123  
P.O. Box 99  
Sunnyside, UT 84539  
801-888-4421  
FAX: 801-888-2581

## PERMIT CHANGE TRACKING FORM

<b>DATE RECEIVED</b>	11/16/93	<b>PERMIT NUMBER</b>	ACT/007/007
<b>Title of Proposal:</b>	Permit Change to Remove	<b>PERMIT CHANGE #</b>	AA
<b>Description:</b> Water Monitoring Site CRS ad CRB from sec's Permit		<b>PERMITTEE</b>	SCE
		<b>MINE NAME</b>	Sunnyfield Mine

	DATE DUE	DATE DONE	RESULT
<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION			<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED
<input type="checkbox"/> Notice of Review Status of proposed permit change sent to the Permittee.			Permit Change Classification
<input type="checkbox"/> Request additional review copies prior to Division/Other Agency review.			<input type="checkbox"/> Significant Permit Revision
<input type="checkbox"/> Notice of Approval of Publication. (If change is a Significant Revision.)			<input type="checkbox"/> Permit Amendment
<input type="checkbox"/> Notice of request to modify proposed permit change prior to approval.			<input type="checkbox"/> Incidental Boundary Change

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	DUE	DONE	DUE	DONE	DUE	DONE
<input type="checkbox"/> Administrative _____						
<input type="checkbox"/> Biology _____						
<input type="checkbox"/> Engineering _____						
<input type="checkbox"/> Geology _____						
<input type="checkbox"/> Soils _____						
<input type="checkbox"/> Hydrology _____						
<input type="checkbox"/> Bonding _____						
<input type="checkbox"/> AVS Check _____						

COORDINATED REVIEWS	DUE	DONE	DUE	DONE	DUE	DONE
<input type="checkbox"/> OSMRE						
<input type="checkbox"/> US Forest Service						
<input type="checkbox"/> Bureau of Land Management						
<input type="checkbox"/> US Fish and Wildlife Service						
<input type="checkbox"/> US National Parks Service						
<input type="checkbox"/> UT Environmental Quality						
<input type="checkbox"/> UT Water Resources						
<input type="checkbox"/> UT Water Rights						
<input type="checkbox"/> UT Wildlife Resources						
<input type="checkbox"/> UT State History						
<input type="checkbox"/> Other						

<input type="checkbox"/> Public Notice/Comment/Hearing Complete (If the permit change is a Significant Revision)	<input checked="" type="checkbox"/> Permit Change Approval Form signed and approved effective as of this date. <input type="checkbox"/> Permit Change Denied.
<input type="checkbox"/> Copies of permit change marked and ready for MRP.	<input type="checkbox"/> Notice of <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Denial to Permittee. <span style="float: right;">11/17</span>
<input type="checkbox"/> Special Conditions/Stipulations written for approval.	<input type="checkbox"/> Copy of Approved Permit Change to File.
<input type="checkbox"/> TA and CHIA modified as required.	<input type="checkbox"/> Copy of Approved Permit Change to Permittee.
<input type="checkbox"/> Permit Change Approval Form ready for approval.	<input type="checkbox"/> Copies to Other Agencies and Price Field Office.

# APPLICATION FOR PERMIT CHANGE

Title of Change:

Removal of Water Monitoring Sites CRB And CRS  
From SCC'S Permit

Permit Number: ACT / 007 / 007

Mine: Sunnyside

Permittee: Sunnyside Coal Company

Description, include reason for change and timing required to implement:

Water Monitoring Sites CRS and CRB Are Now Contained Within SCA's Permit  
As Per The Operating Agreement Between SCC And SCA.

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.               |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.            |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 4. Will permit change include operations in hydrologic basins other than currently approved?   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?                                  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 6. Does permit change require or include public notice publication?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 7. Permit change as a result of a Violation? Violation #   |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 8. Permit change as a result of a Division Order? D.O.#  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 9. Permit change as a result of other laws or regulations? Explain:  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 10. Does permit change require or include ownership, control, right-of-entry, or compliance information?                                 |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 11. Does the permit change affect the surface landowner or change the post mining land use?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 12. Does permit change require or include collection and reporting of any baseline information?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?                                |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 14. Does permit change require or include soil removal, storage or placement?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities?                                     |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 16. Does permit change require or include construction, modification, or removal of surface facilities?                                  |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            | 17. Does permit change require or include water monitoring, sediment or drainage control measures?                                       |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 18. Does permit change require or include certified designs, maps, or calculations?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 19. Does permit change require or include underground design or mine sequence and timing?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 20. Does permit change require or include subsidence control or monitoring?  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?                                  |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?                           |
| <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No | 23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area? |

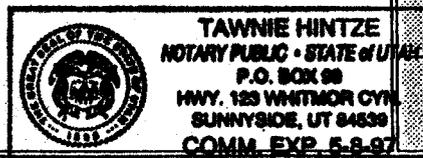
Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

*[Signature]* 11/9/93  
Signed - Name - Position - Date

Subscribed and sworn to before me this 9th day of November 1993.

*Tawnie Hintze*  
Notary Public  
My Commission Expires: May 8, 1997  
Attest: STATE OF Utah  
COUNTY OF Carbon



Received by Oil, Gas & Mining

ASSIGNED PERMIT CHANGE NUMBER



## CHAPTER III

Where erosion problems in clear water diversion ditches are shown to be possible or discovered by inspection, the ditch will be lined with anchored rip rap, concrete, U.V. resistant plastic or other protective channel liners for the full depth of the ditch. Plate III-35 shows typical placement methodology.

Coal fine deposition in the No. 2 Canyon Channel from the washed coal pile between the Twin Tanks and the No. 2 Canyon wash is prevented by the construction of the arches in the No. 2 Channel. (See Figure III-14.)

Normal operation of the wash plant for processing the alternate coals starts with loading the coal into the raw coal bins for overnight storage. The following morning the alternate coal is processed, prior to the washing of any Sunnyside Mine coal. This avoids commingling of the coals. During the morning hours, the winds blow down canyon, further preventing the possibility on contaminating the No. 2 Canyon Channel with wind borne coal fines.

### 3.4.3.3 Monitoring Procedures to Measure and Control Impacts

Quality of water discharged from the mine is monitored on a monthly basis as prescribed in the UPDES discharge permit. Water samples are analyzed for surface operational parameters. Sampling parameters are located in Table III-23. Discharge Monitoring Reports are sent monthly to EPA, State Board of Health and DOGM. All water information is submitted quarterly to DOGM.

Water discharged from the sediment ponds are sampled for surface operational parameters while the ponds are being decanted. Any sample exceeding standards on discharge are reported to the State Board of Health and DOGM.

Perennial stream monitoring stations (GT-1, GT-2, GT-3, GT-4, ICE-1, and CRB) are monitored monthly for flow and field measurement parameters, and quarterly for water quality. Ephemeral stream monitoring station parameters are monitored monthly for flow, field, and quality measurements for WC-1, BC-1, POC-1, PAC-1, and N2C-1. Field and quality operational parameters are shown in Table III-23. Locations of the monitoring stations are found on Plates III-1 and VII-3.

Springs WR-1, WR-2 and PC-1 will be sampled four times a year. The first sample will be taken as soon as the site is accessible in the spring and the last sample will be obtained