

PERMIT AMENDMENT APPROVAL

Title: <u>COARSE REFUSE TOX. PENN</u>	PERMIT NUMBER: <u>ACT/007/035</u>
Description: <u>HYDROLOGIC CALCULATIONS</u>	PERMIT CHANGE #: <u>93I</u>
	MINE: <u>COARSE REFUSE #6 LUNAR</u>
	PERMITTEE: <u>SUNNYSIDE COGEN FACILITY</u>

WRITTEN FINDINGS FOR PERMIT APPLICATION APPROVAL	YES, NO or N/A
1. The application is complete and accurate and the applicant has complied with all the requirements of the State Program.	N/A
2. The proposed permit area is not within an area under study or administrative proceedings under a petition, filed pursuant to R645-103-400 or 30 CFR 769, to have an area designated as unsuitable for coal mining and reclamation operations, unless: <ul style="list-style-type: none"> A. The applicant has demonstrated that before January 4, 1977, substantial legal and financial commitments were made in relation to the operation covered by the permit application, or B. The applicant has demonstrated that the proposed permit area is not within an area designated as unsuitable for mining pursuant to R645-103-300 and R645-103-400 or 30 CFR 769 or subject to the prohibitions or limitations of R645-103-230. 	<div style="font-size: 4em; font-family: cursive;">S</div>
3. For coal mining and reclamation operations where the private mineral estate to be mined has been severed from the private surface estate, the applicant has submitted to the Division the documentation required under R645-301-114.200.	
4. The Division has made an assessment of the probable cumulative impacts of all anticipated coal mining and reclamation operations on the hydrologic balance in the cumulative impact area and has determined that the proposed operation has been designed to prevent material damage to the hydrologic balance outside the permit area.	
5. The operation would not affect the continued existence of endangered or threatened species or result in destruction or adverse modification of their critical habitats, as determined under the Endangered Species Act of 1973 (16 U.S.C. 1531 et.seq.).	
6. The Division has taken into account the effect of the proposed permitting action on properties listed on and eligible for listing on the National Register of Historic Places. This finding may be supported in part by inclusion of appropriate permit conditions or changes in the operation plan protecting historic resources, or a documented decision that the Division has determined that no additional protection measures are necessary.	
7. The Applicant has demonstrated that reclamation as required by the State Program can be accomplished according to information given in the permit application.	
8. The Applicant has demonstrated that any existing structure will comply with the applicable performance standards of R645-301 and R645-302.	
9. The Applicant has paid all reclamation fees from previous and existing coal mining and reclamation operations as required by 30 CFR Part 870.	
10. The Applicant has satisfied the applicable requirements of R645-302.	
11. The Applicant has, if applicable, satisfied the requirements for approval of a long-term, intensive agricultural postmining land use, in accordance with the requirements of R645-301-353.400.	

SPECIAL CONDITIONS OR STIPULATIONS TO THE PERMIT AMENDMENT APPROVAL	YES	NO
1. Are there any variances associated with this permit amendment approval? If yes, attach.		
2. Are there any special conditions associated with this permit amendment approval? If yes, attach.	X	
3. Are there any stipulations associated with this permit amendment approval? If yes, attach.		

The Division hereby grants approval for Permit Amendment to the Existing Permit by incorporation of the proposed changes described herein and effective the date signed below. All other terms and conditions of the Existing Permit shall be maintained and in effect except as superseded by this Permit Amendment.

Signed [Signature]
 Director, Division of Oil, Gas and Mining

1-13-94
 EFFECTIVE DATE



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

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Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

**PERMIT CHANGE
SPECIAL CONDITIONS TO THE PERMIT
ACT/007/035-93I
January 13, 1994**

The Division hereby approves Permit Change ACT/007/035-93I for incorporation into the plan, subject to the following Special Conditions:

1. The text, drawings, plans and other information included in this proposed permit change have been found sufficiently complete for incorporation of the information into the plan. The Division has accepted this information as an Amendment to the currently approved Plan subject to the provisions of violation N93-13-2-1. Any changes ordered by the Division following the Division's technical review for abatement of violation N93-13-2-1 may require changes to the information provided in this Permit Change.



PERMIT CHANGE TRACKING FORM

DATE RECEIVED	Oct. 25, 1993	PERMIT NUMBER	ACT/0007/035
Title of Proposal:	Coarse Refuse Tox Pond	PERMIT CHANGE #	935
Description:	Hydrologic Calculations	PERMITTEE	Downside Construction Inc.
		MINE NAME	Refuse & Sewer

	DATE DUE	DATE DONE	RESULT
<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION			<input checked="" 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 type="checkbox"/> Approval <input type="checkbox"/> Denial to Permittee.	
<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 checked="" type="checkbox"/> Permit Change Approval Form ready for approval.	113-54	<input type="checkbox"/> Copies to Other Agencies and Price Field Office.	113-54

APPLICATION FOR PERMIT CHANGE

Title of Change: SUNNYSIDE COGENERATION ASSOCIATES HYDROLOGIC CALCULATIONS - APPENDIX 7-3	Permit Number: PRO / 007 / 035 <hr/> Mine: Sunnyside Cogen.Assoc. <hr/> Permittee: Sunnyside Cogen.Assoc.
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Description, include reason for change and timing required to implement:
 Update hydrologic calculations for the Coarse Refuse Toe Sediment Pond
 Submit updated portion of Appendix 7-3, updated 7-1,7-6,7-7,7-13, AND 7-8
 Submit new plate 7-1C AND 7-1D

- | | | |
|---|--|--|
| <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 checked="" type="checkbox"/> Yes | <input 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.

Alone E. Boyd Engineer 10/27/93

Signed - Name - Position - Date

Subscribed and sworn to before me this 22 day of Oct 1993
Linda Ercanbrack
 Notary Public
 My Commission Expires: March 27
 Areat: Utah
 COUNTY OF Salt Lake

LINDA ERCANBRACK
 Notary Public
 STATE OF UTAH
 My Comm. Expires MAR 27, 1997
 1121 S 3900 S C-100 SLC UT 84124

Received by Oil, Gas & Mining

Oct. 25, 1993

ASSIGNED PERMIT CHANGE NUMBER

93I

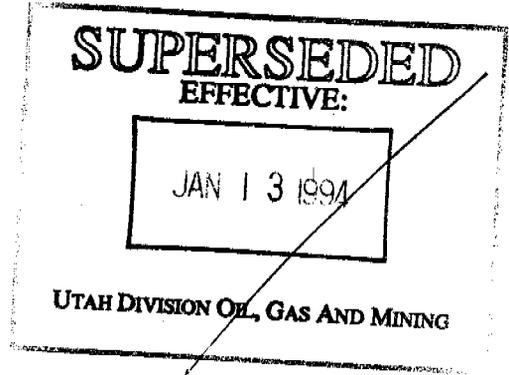
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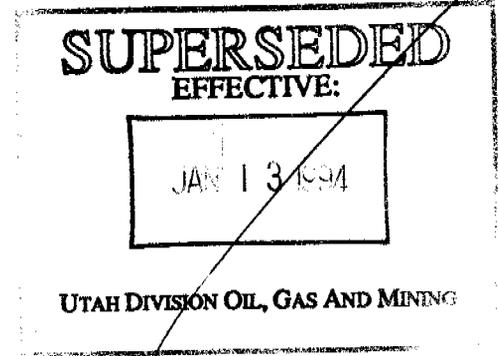


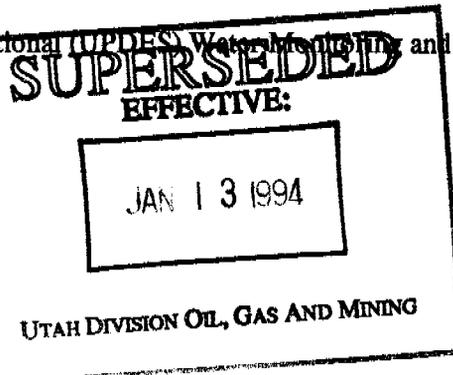
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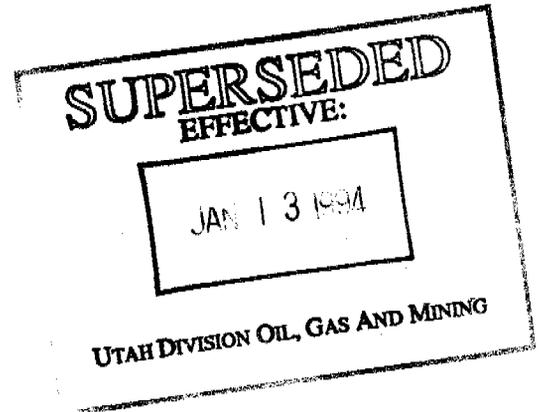
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720 ENVIRONMENTAL DESCRIPTION

721 HYDROLOGIC RESOURCES

This section of the Permit Application describes the groundwater and surface hydrology for the SCA Permit Area, and adjacent areas. Cross sections and maps showing the locations of subsurface and surface hydrologic features are described here, and are found in the exhibits of this chapter. The locations of monitoring stations used to gather baseline data on water quality and quantity are provided in these maps.

Groundwater has been encountered in the permit area on a limited basis. The various drilling records discussed in Chapter Six do not indicate the presence of groundwater in any of the holes drilled in the SCA Permit Area. This includes some holes over 200 ft deep, which reach the bed rock.

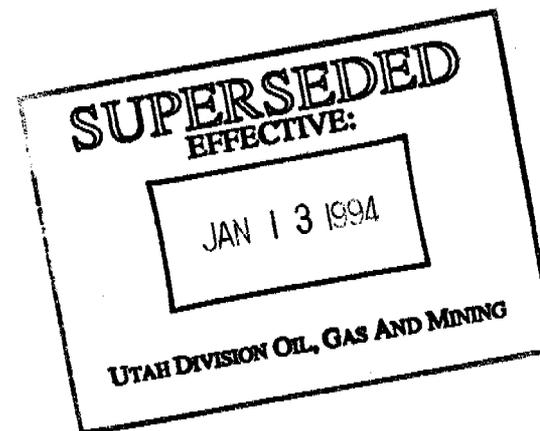
The only perennial surface stream within the SCA Permit Area is Icelander Creek. Grassy Trail Creek, which drains Whitmore Canyon, is a perennial stream which flows through the area immediately north of the SCA Permit Area. Tributaries to Icelander Creek flow around both the northwest and the south borders of the SCA Permit Area. The surface water hydrology is discussed in greater detail in various sections of this chapter.

A more detailed description of surface and groundwater hydrology is found within Section 722 with water quality issues being discussed in Section 724.

722 CROSS SECTIONS AND MAPS

The cross sections and maps required are described in sections 722.100 thru 722.500. The cross sections and maps relevant to this chapter consist of the following:

- Plate 5-4, Culvert and Ditch Protection
- Plate 5-6, Existing Refuse Piles Limits
- Plate 5-7, Slope Stability Criteria Map
- Plate 6-3, Index Map (Cross Section Locations, Map View)
- Plate 6-4 thru 6-6, Cross Sections AA', BB', and CC'
- Plate 7-1, Hydrologic Index Map
- Plate 7-1A, Pasture Pond Drainage
- Plate 7-1B, Old Course Refuse Road Pond Drainage
- Plate 7-2, Baseline Water Monitoring Locations
- Plate 7-3, Operational (UPDES) Water Monitoring Locations
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- Plate 9-1, Reclamation Sequencing
- Plate 10-1, Final Reclamation Plan

722.100 Location and Extent of Subsurface Water

As discussed above, drilling records of the SCA Permit Area show that little groundwater was encountered in the holes drilled in the SCA Permit Area. This includes drill holes over 200 ft. deep and into bedrock.

722.200 Location of Surface Water Bodies

The natural surface streams in and adjacent to the SCA Permit Area include Grassy Trail Creek (north of the SCA Permit Area) and Icelander Creek tributaries (border the northwest and southern portions of the SCA Permit Area). No water from Grassy Trail Creek enters the permit area, and no water from the SCA Permit Area discharges into it. Therefore, Grassy Trail Creek is not discussed further in this chapter.

West of the northern portion of the SCA Permit Area is a spring which feeds Icelander Creek. The location of this spring is shown in Plate 7-2. It is labeled by its monitoring station number, F-2.

The SCA Permit Area has been used as the refuse disposal area for the SCC mines for many decades. Six sedimentation ponds have been constructed in the area, with collector ditches, to control runoff sediment from the roads and disturbed areas. Other existing water bodies include four slurry ponds used in the disposal of coal fines from the Sunnyside mine processing plant. Slurry ponds are used to collect the fines to the ponds in the slurry channel.

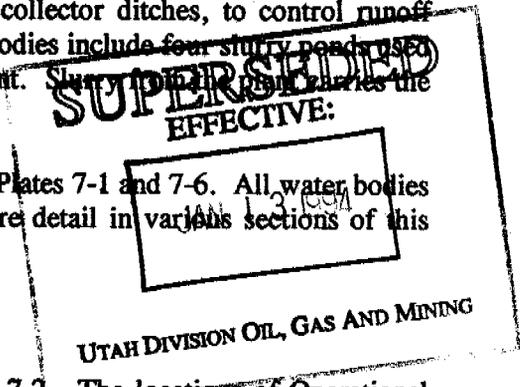
The locations of all the water bodies mentioned above are shown on Plates 7-1 and 7-6. All water bodies mentioned above, except Grassy Trail Creek, are discussed in more detail in various sections of this chapter.

722.300 Location of Monitoring Stations

The baseline water quality monitoring stations are shown on Plate 7-2. The locations of Operational (UPDES) water monitoring sites are shown separately on Plate 7-3.

722.400 Location of Water Wells

There is only one water well within a 1 mile radius of the SCA Permit Area. It is located north of the western portion of the permit boundary near the railroad tracks. The well location is shown in Plate 7-2. This well is certified as having a 200 ft collection gallery which begins at the bottom of a 48 ft. shaft. The water right is described in section 724.100.



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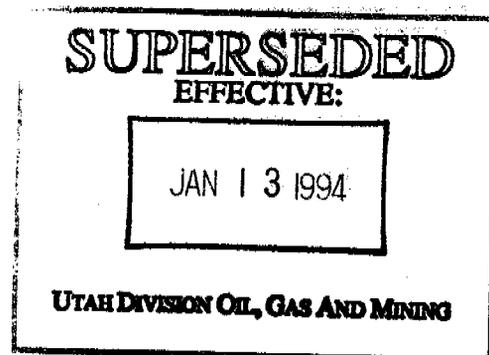
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- Plate 7-11, Borrow Area Sediment Pond Design
- Plate 7-11B, Borrow Area Pond Drainage



- Plate 7-12, East and West Slurry Cell Design
- Plate 7-13, Coarse Refuse Toe Sediment/Rail Cut Sediment Pond Cross-sections
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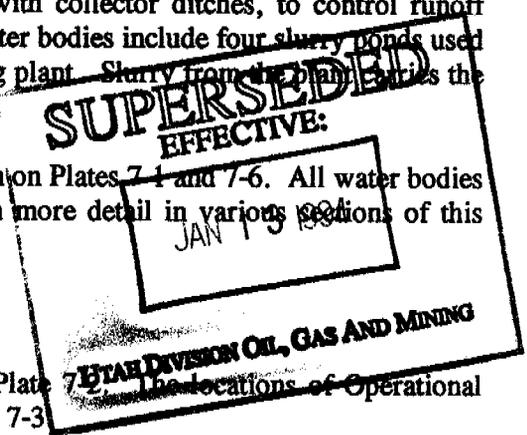
The locations of all the water bodies mentioned above are shown on Plates 7-4 and 7-6. All water bodies mentioned above, except Grassy Trail Creek, are discussed in more detail in various sections of this chapter.

722.300 Location of Monitoring Stations

The baseline water quality monitoring stations are shown on Plate 7-2. The locations of Operational (UPDES) water monitoring sites are shown separately on Plate 7-3.

722.400 Location of Water Wells

There is only one water well within a 1 mile radius of the SCA Permit Area. It is located north of the western portion of the permit boundary near the railroad tracks. The well location is shown in Plate 7-2. This well is certified as having a 200 ft collection gallery which begins at the bottom of a 48 ft. shaft. The water right is described in section 724.100.



720 ENVIRONMENTAL DESCRIPTION

721 HYDROLOGIC RESOURCES

This section of the Permit Application describes the groundwater and surface hydrology for the SCA Permit Area, and adjacent areas. Cross sections and maps showing the locations of subsurface and surface hydrologic features are described here, and are found in the exhibits of this chapter. The locations of monitoring stations used to gather baseline data on water quality and quantity are provided in these maps.

Groundwater has been encountered in the permit area on a limited basis. The various drilling records discussed in Chapter Six do not indicate the presence of groundwater in any of the holes drilled in the SCA Permit Area. This includes some holes over 200 ft deep, which reach the bed rock.

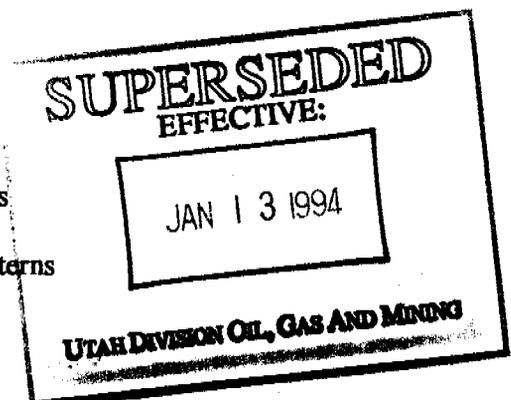
The only perennial surface stream within the SCA Permit Area is Iceland Creek. Grassy Trail Creek, which drains Whitmore Canyon, is a perennial stream which flows through the area immediately north of the SCA Permit Area. Tributaries to Iceland Creek flow around both the northwest and the south borders of the SCA Permit Area. The surface water hydrology is discussed in greater detail in various sections of this chapter.

A more detailed description of surface and groundwater hydrology is found within Section 722 with water quality issues being discussed in Section 724.

722 CROSS SECTIONS AND MAPS

The cross sections and maps required are described in sections 722.100 thru 722.500. The cross sections and maps relevant to this chapter consist of the following:

- Plate 5-4, Culvert and Ditch Protection
- Plate 5-6, Existing Refuse Piles Limits
- Plate 5-7, Slope Stability Criteria Map
- Plate 6-3, Index Map (Cross Section Locations, Map View)
- Plate 6-4 thru 6-6, Cross Sections AA', BB', and CC'
- Plate 7-1, Hydrologic Index Map
- Plate 7-1A, Pasture Pond Drainage
- Plate 7-1B, Old Course Refuse Road Pond Drainage
- Plate 7-2, Baseline Water Monitoring Locations
- Plate 7-3, Operational (UPDES) Water Monitoring Locations
- Plate 7-4, Coal Slurry Water Sediment Control System
- Plate 7-5, Slurry Ditch and Surrounding Areas Drainage Patterns
- Plate 7-6, Diversion and Culvert Locations
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- Plate 7-8, Rail Cut Sediment Pond Design and Topsoil Pile
- Plate 7-9, Pasture Sediment Pond Design
- Plate 7-10, Old Course Refuse Road Sediment Pond Design
- Plate 7-11, Borrow Area Sediment Pond Design
- Plate 7-11B, Borrow Area Pond Drainage



- Plate 7-12, East and West Slurry Cell Design
- Plate 7-13, Coarse Refuse Toe Sediment/Rail Cut Sediment Pond Cross-sections
- Plate 7-14, Old Coarse Refuse Road/Pasture Pond Cross-sections
- Plate 7-15, Borrow Area Pond Cross-section
- Plate 7-16, East and West Slurry Cell Cross-sections
- Plate 9-1, Reclamation Sequencing
- Plate 10-1, Final Reclamation Plan

722.100 Location and Extent of Subsurface Water

As discussed above, drilling records of the SCA Permit Area show that little groundwater was encountered in the holes drilled in the SCA Permit Area. This includes drill holes over 200 ft. deep and into bedrock.

722.200 Location of Surface Water Bodies

The natural surface streams in and adjacent to the SCA Permit Area include Grassy Trail Creek (north of the SCA Permit Area) and Icelander Creek tributaries (border the northwest and southern portions of the SCA Permit Area). No water from Grassy Trail Creek enters the permit area, and no water from the SCA Permit Area discharges into it. Therefore, Grassy Trail Creek is not discussed further in this chapter.

West of the northern portion of the SCA Permit Area is a spring which feeds Icelander Creek. The location of this spring is shown in Plate 7-2. It is labeled by its monitoring station number, F-2.

The SCA Permit Area has been used as the refuse disposal area for the SCC mines for many decades. Six sedimentation ponds have been constructed in the area, with collector ditches, to control runoff sediment from the roads and disturbed areas. Other existing water bodies include four slurry ponds used in the disposal of coal fines from the Sunnyside mine processing plant. Slurry from the plant carries the fines to the ponds in the slurry channel.

The locations of all the water bodies mentioned above are shown on Plates 7-1 and 7-6. The water bodies mentioned above, except Grassy Trail Creek, are discussed in more detail in various sections of this chapter.

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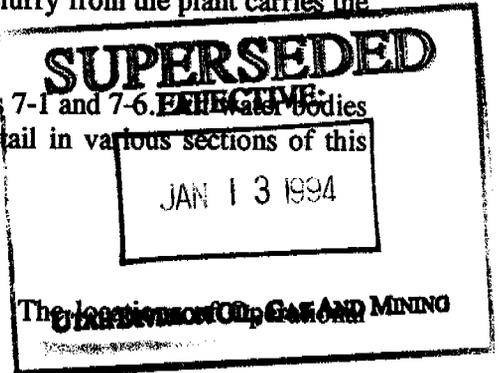
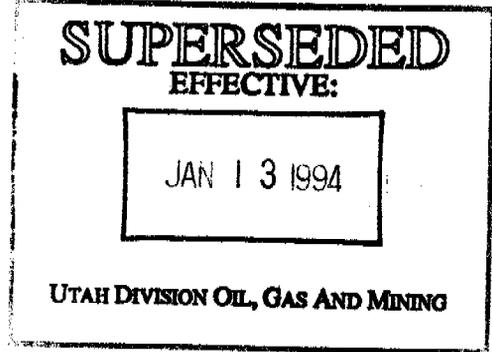


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- Plate 6-2, Hydrogeologic Map
- Plate 6-3, Index Map
- Plate 6-4, Geologic Cross Section A-A'
- Plate 6-5, Geologic Cross Section B-B'
- Plate 6-6, Geologic Cross Section C-C'



BOOK THREE

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730 Operation Plan	700-10
740 Design Criteria and Plans	700-15
750 Performance Standards	700-23
760 Reclamation	700-25

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- Figure 7-1, Appropriation Certificate of East Carbon City Water Well
- Figure 7-2, Underground Water Rights Search

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- Appendix 7-2, Climatology Data from the Utah Climate Center
- Appendix 7-3, Hydrologic Design of Sediment Ponds
- Appendix 7-4, Baseline Water Quality Data
- Appendix 7-5, Special Coarse Refuse Use Study Report
- Appendix 7-6, Coarse Refuse Seep Water Quality Results
- Appendix 7-7, Hydrologic Data for Areas not Served by a Sediment Pond
- Appendix 7-8, Operational (UPDES) Water Monitoring and Baseline Water Monitoring Schedules

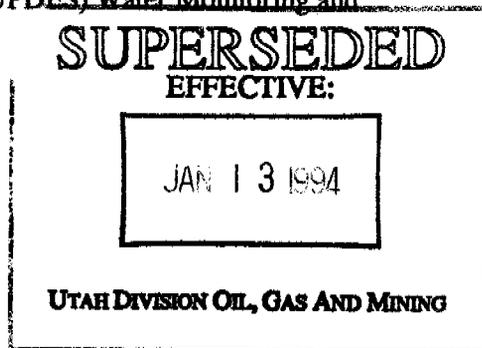
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BOOK THREE

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- Table 7-1B, Operational (UPDES) Water Quality Monitoring Parameters
- Table 7-2A, Baseline Water Monitoring Locations
- Table 7-2B, Baseline Water Monitoring Quality Parameters

*All tables for Chapter Seven are included in Appendix 7-8, Operational (UPDES) Water Monitoring and Baseline Water Monitoring Schedules.



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*All tables in Chapter Eight are included in Appendix 8-1, Bond Estimate Verification.

APPENDICES

- Appendix 8-1, Bond Estimate Verification

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- Plate 7-1B, Old Coarse Refuse Road Pond Drainage
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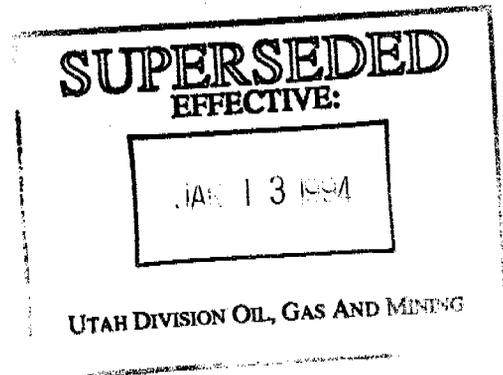


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R645-301-700 (HYDROLOGY)

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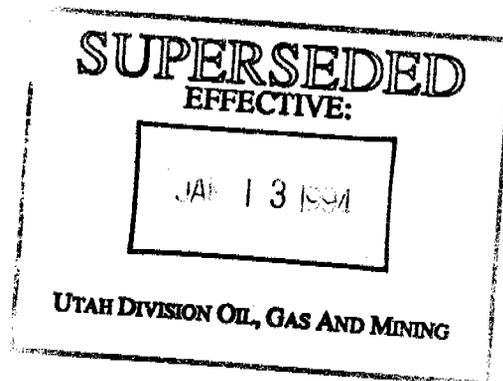
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Application for Permit Change Detailed Schedule of Changes to the Permit

Title of Change: Sunnyside Cogeneration Associates Hydrologic Calculations - Appendix 7-3	Permit Number: PRO / 007 / 035 <hr/> Mine: Sunnyside Cogen.Assoc. <hr/> Permittee: Sunnyside Cogen.Assoc.
---	---

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit change. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. Include page, section and drawing numbers as part of the description.

	DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED		
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 7-1
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 7-6
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 7-7
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 7-13
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 7-1C
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	General Table of Contents - portion for Book #3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 7 Table of Contents - located in Book 3
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Pages 700-3 and 700-4
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Hydrologic Calculations for Coarse Refuse Toe Pond -Appendix 7-3
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	PLATE 7-1D
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	PLATE 7-8
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Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

October 22, 1993

Randy Harden
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

OCT 25 1993

DIVISION OF
OIL, GAS & MINING

Dear Randy:

The September 15, 1993 submittal included updated hydrologic data for only the Pasture Pond and the Old Coarse Refuse Road Pond. Due to time constraints, the other ponds had not been reanalyzed and updated at that time.

Enclosed with this submittal is the hydrologic data for the Coarse Refuse Toe Pond and the Rail Cut Pond. This includes an updated portion of Appendix 7-3, updated plates 7-1, 7-6, 7-7, 7-8 and 7-13, and new plates 7-1C and 7-1D. Also included are updated tables of contents and plate lists.

We are continuing to progress on the other pond drainage areas that were not updated in the September 15, 1993 submittal. They will be submitted as soon as possible.

Sincerely,



David R Pearce
Authorized Member, Management Committee



Scott Carlson
Engineer
Eckhoff, Watson and Preator Engineering

cc: Brian Burnett/Callister, Duncan and Nebeker

APPLICATION FOR PERMIT CHANGE

Title of Change:

**SUNNYSIDE COGENERATION ASSOCIATES
HYDROLOGIC CALCULATIONS - APPENDIX 7-3**

Permit Number: PRO / 007 / 035

Mine: Sunnyside Cogen.Assoc.

Permittee: Sunnyside Cogen.Assoc.

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

Update hydrologic calculations for the Coarse Refuse Toe Sediment Pond
Submit updated portion of Appendix 7-3, updated 7-1,7-6,7-7,7-13, AND 7-8
Submit new plate 7-1C AND 7-1D

- | | | |
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| <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. |
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| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond? |
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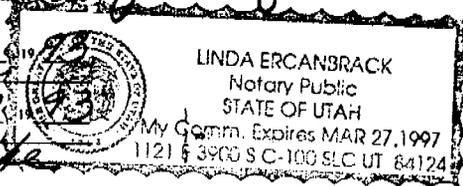
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Alane E. Boyd Engineer 10/22/93
Signed - Name - Position - Date

Received by Oil, Gas & Mining

Subscribed and sworn to before me this 22 day of Oct
Linda Ercanbrack
Notary Public



My Commission Expires:
STATE OF
COUNTY OF

March 27
Utah
Salt Lake

ASSIGNED PERMIT CHANGE NUMBER

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
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Alane E. Boyd Engineer 10/22/93
Signed - Name - Position - Date

Subscribed and sworn to before me this *22* day of *Oct*
Linda Ercanbrack
Notary Public



LINDA ERCANBRACK
Notary Public
STATE OF UTAH
My Comm. Expires MAR 27, 1997
1121 S 3900 S C-100 SLC UT 84124

My Commission Expires:
Attest: STATE OF
COUNTY OF

March 27
Utah
Salt Lake

Received by Oil, Gas & Mining

ASSIGNED PERMIT CHANGE NUMBER



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)
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November 15, 1993

Mr. Fred Finlinson, Resident Agent
Sunnyside Cogeneration Associates
Callister, Duncan and Nebeker
Kennecott Building, Suite 800
10 East South Temple
Salt Lake City, Utah 84133

Re: Proposed Amendment, Coarse Refuse Toe Pond, Sunnyside Cogeneration Associates, Refuse and Slurry, ACT/007/035-93I, Folder #3, Carbon County, Utah

Dear Mr. Finlinson:

A proposal for revised hydrology information for the Coarse Refuse Toe Pond was submitted to the Division and received on October 25, 1993. The Division has conducted an initial review of the information provided in that proposal. Information regarding this proposal is identified by the Division as permit change #93I.

Information contained in the proposal meets completeness requirements for incorporation into the currently approved plan. Consequently, this information shall be incorporated into the plan effective November 15, 1993.

The Division intends on completing a detailed technical review of that information in conjunction with review of the plan following submittal of all the hydrologic information required under permit condition.

Sincerely,

J. Randall Harden
Sr. Reclamation Engineer

cc: P. G-Littig
SCA.93I



SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

October 22, 1993

Randy Harden
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

OCT 25 1993

DIVISION OF
OIL, GAS & MINING

Dear Randy:

The September 15, 1993 submittal included updated hydrologic data for only the Pasture Pond and the Old Coarse Refuse Road Pond. Due to time constraints, the other ponds had not been reanalyzed and updated at that time.

Enclosed with this submittal is the hydrologic data for the Coarse Refuse Toe Pond and the Rail Cut Pond. This includes an updated portion of Appendix 7-3, updated plates 7-1, 7-6, 7-7, 7-8 and 7-13, and new plates 7-1C and 7-1D. Also included are updated tables of contents and plate lists.

We are continuing to progress on the other pond drainage areas that were not updated in the September 15, 1993 submittal. They will be submitted as soon as possible.

Sincerely,



David R Pearce
Authorized Member, Management Committee



Scott Carlson
Engineer
Eckhoff, Watson and Preator Engineering

cc: Brian Burnett/Callister, Duncan and Nebeker