

0006

COPY



Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

March 28, 2004

Pam Grubaugh-Littig
STATE OF UTAH
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

*Incoming
C/007/0035 OK*

RE: Annual Report for 2003
SCA Sunnyside Mining Permit, C/007/035

Dear Ms. Littig:

Please find enclosed two copies of SCA's Annual report for 2003, for coal mining and reclamation operations at the SCA Sunnyside site. This report is inclusive of the activities that occurred within the SCA Sunnyside Mining Permit area during 2003.

Should you have any questions, please contact me or Rusty Netz at (435)888-4476.

Sincerely,

Agent For
Sunnyside Cogeneration Associates

Randy J. Scott
Plant Manager

RECEIVED
MAR 31 2004
DIV. OF OIL, GAS & MINING

Enclosure

cc. Brian Burnett, Callister, Nebeker and McCullough
Rusty Netz, SCA
Plant File

OF BUREAU INFORMATION

File in:

Confidential

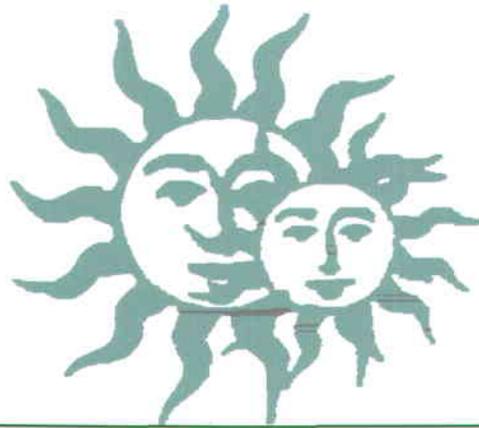
Shelf

Expandable

Refer to Record No 0006 Date 03282004

In C/0070035, 2004, Incoming

For additional information



2003 Annual Report
Sunnyside Cogeneration Associates
Sunnyside Refuse and Slurry
C/007/035

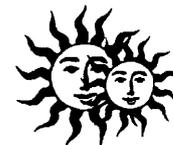




**SUNNYSIDE COGENERATION ASSOCIATES
SUNNYSIDE REFUSE/SLURRY
C/007/035
2003 ANNUAL REPORT**

Submitted to:

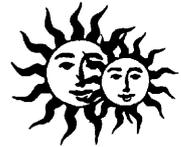
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801



SUNNYSIDE COGENERATION ASSOCIATES
SUNNYSIDE REFUSE/SLURRY
2003 ANNUAL REPORT

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I. GENERAL PERMIT INFORMATION

Permit Number: C/007/035

Mine Name: Sunnyside Refuse/Slurry

Permittee: Sunnyside Cogeneration Associates

**Company Representative
& Resident Agent:** Mr. Randy J. Scott – Plant Manager
One Power Plant Road
PO Box 159
Sunnyside, UT 84539
(801) 888-4476
(801) 888-2538 fax

Date of Initial Permanent Program Permit: February 4, 1993

Date of Most Recent Permit Renewal: February 4, 2003

Date of Expiration: February 4, 2008

A copy of the State's Decision Document and the renewed permanent program mining permit for the Sunnyside Refuse/Slurry Mine is included in Appendix E.



II. IDENTIFICATION OF OTHER PERMITS

MSHA ID Numbers:	Sunnyside Waste Coal Site	42-02093
	Coarse Refuse Pile	1211-UT-09-02093-01
	East Slurry Cell	1211-UT-09-02093-02
	Excess Spoil Disposal Area #1	1211-UT-09-02093-04
	Excess Spoil Disposal Area #2	1211-UT-09-02093-05

UPDES Permit Number: UT0024759 Renewed effective August 1, 1992
Expires July 31, 2007

Air Quality Title V Operating Permit: #700030001

Sunnyside's Operating permit was modified effective November 1, 2002 (DAQO-702038-02) to add some equipment to the power plant. Most of the emissions are associated with the power plant adjacent to the SCA Sunnyside mining permit area. The mining operation generates little to no emissions. However the Operating Permit covers all of SCA's operations in Sunnyside.



III. CERTIFIED REPORTS

Each impoundment as well as the Refuse Pile and Excess Spoil Disposal Areas were inspected in accordance with the requirements of the Mining and Reclamation Permit. The quarterly and annual inspection / certification reports were submitted to the Division throughout the year. These reports are also included in **Appendix A**.

All of the impoundments met or exceeded the storage capacity requirements identified in the permit.

No new construction of the Excess Spoil Disposal Area #1 occurred in 2003.

Construction of the Excess Spoil Disposal Area #2 commenced in 1999, continued through 2000 and 2001, and received all of the spoils materials and coal reject materials generated during 2002 and 2003. Construction is progressing in general conformance with design requirements.

Excavation of Coarse and Fine Refuse from the Refuse Pile occurred in general conformance with the operational criteria and performance standards established in the permit.



IV. REPORTING OF OTHER TECHNICAL DATA

1. Climatological Data

SCA has obtained precipitation and climatological data for 2003 from the Sunnyside Weather Station operated by the City of Sunnyside. A summary table identifying this data is included in **Appendix B-1**.

2. Subsidence Monitoring Data

No subsidence monitoring is required by the approved plan. No material damage or diminution within the Permit Area will be caused by subsidence because no underground coal resources are available within the permit area that would cause subsidence. No past or future underground coal mining operations have or are likely to occur within the SCA Permit Area.

3. Vegetation Monitoring Data

During 2003, no new areas received final reclamation treatment. 2003 was another year of ongoing drought and vegetation in the area shows significant signs of stress.

SCA performed quantitative sampling of the Old Coarse Refuse Road that was reclaimed in 1994. The report prepared to document this revegetation monitoring is included in **Appendix B-2**. This report notes the following concerning the revegetation success:

- Total Living Cover was estimated at 48.38% with Shrubs (48.97%) and grasses (51.03%) as the dominant life forms. No forbs were present in the sample quadrats.
- A statistical comparison between the reclaimed road and the reference area suggests that in 2003, living cover and woody species density was significantly higher for the reclaimed road.
- The trend for living cover and woody species density since revegetation occurred clearly shows an increase over time.
- There is an upward trend for grasses and shrubs at the expense of forbs. But most of the forbs in 1996 were weedy exotics and introduced species, both of which decreased appreciably by 1999.
- On the whole, there seems to be a trend towards decrease species diversity, partly due to the decrease in forbs (mostly weeds), but also due in-part to a decrease in some shrub and grass species.



- When most of the parameters for revegetation at the Sunnyside Cogeneration Facility are considered, the area appears to be progressing in a positive direction when compared to its reference area.

Additional photos documenting the vegetative growth of the reclaimed Old Coarse Refuse Road were taken during the year and are included at the end of **Appendix B-2**.

Interim reseeding has been performed in previous years on several areas throughout the permit site. This interim seeding was accomplished using the approved interim seed mix included in the permit. Photos of some of these areas were taken to document the revegetation progress and are included at the end of **Appendix B-2**. These photos include areas such as:

- Reclamation Borrow Area and Topsoil Piles
- East and South Embankments of the East Slurry Cell
- Access Road Topsoil Stock Pile

Other areas previously reseeded with the interim revegetation seed mix (such as topsoil stockpiles, borrow areas and other minor erosion repairs) have been periodically checked by SCA and appear to have vegetative growth similar to the surrounding area.

4. Raptor Surveys

Discussions were held in 1998 with the Division concerning whether or not raptor surveys would be needed. Both the permittee and the Division have agreed that, considering the location of the permit site and the ongoing nature of SCA's activities, it is highly unlikely that the mining and reclamation activities of SCA would negatively affect raptor nesting sites. Therefore, raptor studies would have little value and are not required by the approved permit. Hence, no raptor studies have been performed.

5. Water Monitoring Data

As required in the approved plan, SCA performed quarterly water monitoring at the specified surface and ground water monitoring locations. These sites were analyzed according to the Operational Water Quality Monitoring Parameters listed in the approved plan (Appendix 7-8). The results of these analyses indicate that the water quality has remained in general similarity to that observed during the Baseline Monitoring Period of June 1993-1995. A summary of the operational water quality data obtained during the 1996-2002 period is included in the approved permit as Appendix 7-10.



The water data from each of the quarterly monitoring periods was submitted to the Division throughout the year. Most of the data was submitted to the Division electronically. An additional copy of the paper submittals has been included in **Appendix B-3** of this report.

6. Geological / Geophysical Data

No periodic Geological / Geophysical monitoring is required in the approved plan. The data included as resource information in the plan is considered adequate for the operations of SCA. In the event that the operations of SCA change dramatically such that additional geologic or geophysical data becomes necessary, additional analysis will be performed at that time.

7. Engineering Data

a. Refuse Excavation

During 2003, SCA processed a total of 524,704 tons of coal materials. Of this quantity, 246,779 tons were excavated from the refuse pile in this permit area as follows:

Sunnyside Refuse and Slurry:	81,167 Tons - Fines
Sunnyside Refuse and Slurry:	165,612 Tons – Coarse Refuse

Additional coal materials were received from other of site sources.

Coal Tar:	14,481 Tons
RAG - Star Point Refuse Pile:	196,102 Tons (1 st three Quarters)
SCA - Star Point Waste Fuel:	67,342 Tons (4 th Quarter)

The mining and reclamation permit for the waste coal pile at Star Point was transferred in October 2003 from RAG to SCA. Coal materials from that pile were received throughout the year and quantities are divided as shown.

b. Excess Spoils Disposal Area #1

No new construction of the Excess Spoil Disposal Area #1 occurred in 2003.



c. Excess Spoil Disposal Area #2

Placement and compaction of fill material occurred throughout 2003. Materials placed in the disposal area consist mostly of coarse refuse rejects, but also include some general spoils material. The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site. Approximately 12,841 tons of material were placed in this disposal area during 2003. (1st qtr – 2800 tons, 2nd qtr – 1014 tons, 3rd qtr – 4615 tons, 4th qtr 4412 tons).

Inspections of the spoils areas are conducted on a quarterly basis. Reports from these site visits are submitted to the Division throughout the year and have been included in this report with the certified reports. Photographs documenting the spoils pile have been included with the corresponding report.

8. Soils Monitoring Data

No periodic soil monitoring is required by the approved plan. The approved borrow areas reserved for reclamation activities have previously undergone soils studies from which the data is included in Chapter 2 of the Permit.

In the event that SCA determines it necessary to utilize soils from other sources for reclamation, the proper analysis will be performed at that time.

9. Other Data

No additional periodic data is required in the approved plan.



V. LEGAL, FINANCIAL, COMPLIANCE & RELATED INFORMATION

Sunnyside Cogeneration Associates is a joint venture between Sunnyside Holdings I, Inc. and Sunnyside II, L.P. **Appendix C** includes copies of the Certificates of Existence for Sunnyside Cogeneration Associates, Sunnyside Holdings I, Inc. and Sunnyside II, L.P. The Utah Department of Commerce, Division of Corporations and Commercial Code issues these certificates. They demonstrate that the entities are in good standing with the State of Utah.



VI. MINE MAPS

The mine map included in **Appendix D** of this report provides an update to the surface configuration of the refuse area being excavated. This refuse is then utilized as fuel for the adjacent Cogeneration Facility. The aerial survey used to generate contours of the site was performed in March 2001. The mining areas, which were active since the photography was taken have been identified on the map. A field survey was conducted in March 2004 to determine the current surface of the refuse pile. These survey points are shown on the mine map. A recent photograph of the active mining area has been added to the map to show current conditions.



APPENDIX A CERTIFIED REPORTS



**APPENDIX A
CERTIFIED REPORTS**

FIRST QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Clear Water Pond	
Permit Number	ACT/007/035	Report Date	4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Clear Water Pond	
	Impoundment Number	004	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.9 acre-feet Maximum Sediment Depth Elevation = 6527 Existing Sediment Elevation = 6523+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6530.1</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond was essentially empty.

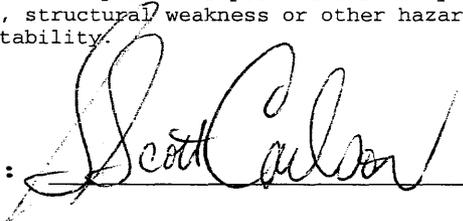
No structure or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 4/4/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Clear Water Pond	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

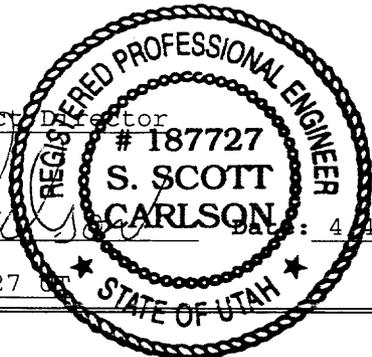
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Project Director
 (Full Name and Title)

Signature: *S. Scott Carlson* Date: 4/1/03

P.E. Number & State: 187727 STATE OF UTAH



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Railcut Pond	
Permit Number	ACT/007/035	Report Date	4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Railcut Sediment Pond	
	Impoundment Number	007	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		First Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
<p>Required for an impoundment which functions as a SEDIMENTATION POND.</p>	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.8 acre-feet Maximum Sediment Depth Elevation = 6209 Estimated Existing Sediment Elevation = 6207+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6212.34 Primary Drain Elevation = 6209.07 Maximum Sediment Depth Elevation = 6209.07</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good, no structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. Pond was essentially empty. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 4/4/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	OCRR Pond	
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Permit Number	ACT/007/035	Report Date 4/4/03	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Old Coarse Refuse Road Sediment Pond	
	Impoundment Number	008	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	

IMPOUNDMENT INSPECTION

Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003		

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

NONE

Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 0.9 acre-feet Maximum Sediment Depth Elevation = 6394.75 Estimated Existing Sediment Elevation = 6394+-</p>
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6399.4 Primary Drain Elevation = 6395.75</p>

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outsoles of embankments, etc.

No discharge, Pond was essentially empty. inlet/outlet conditions are good, No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes, no structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 4/4/03

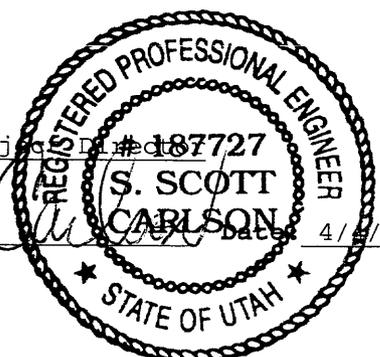
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p style="text-align: right;">By: <u>S. Scott Carlson</u> P.E. Project Director # <u>187727</u></p> <p style="text-align: right;">Signature: <u><i>S. Scott Carlson</i></u> Date: <u>4/4/03</u></p> <p style="text-align: right;">P.E. Number & State: <u>187727 - UT</u></p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Pasture Pond	
Permit Number	ACT/007/035	Report Date	4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Pasture Sediment Pond	
	Impoundment Number	009	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.0 acre-feet Maximum Sediment Depth Elevation = 6485.5 Estimated Existing Sediment Elevation = 6484+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6490.6 Primary Drain Elevation = 6486.6</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in the bottom.
No discharge, inlet/outlet conditions are good,
No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

**Qualification
Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 4/4/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		CRT Pond	
Permit Number	ACT/007/035	Report Date	4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	New Coarse Refuse Toe Sediment Pond	
	Impoundment Number	012	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		First Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.6 acre-feet Maximum Sediment Depth Elevation = 6177.0 Estimated Existing Sediment Elevation = 6176+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6183.63 Primary Drain Elevation = 6178.2</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 4/4/03

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

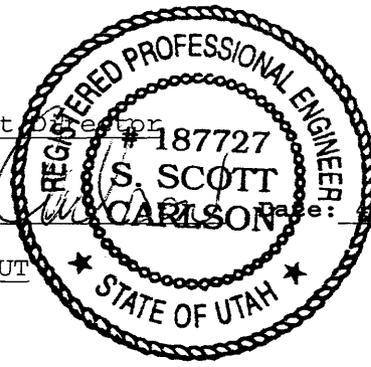
COMMENTS AND OTHER INFORMATION

None

Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Project Inspector

Signature: *S. Scott Carlson*  Page: 2/4/03

P.E. Number & State: 187727 - UT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		COAL RUNOFF POND	
Permit Number	ACT/007/035	Report Date	4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Coal Runoff Sediment Pond	
	Impoundment Number	014	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.5 acre feet Maximum Sediment Depth Elevation = 6476.0 Estimated Existing Sediment Elevation = 6474±</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6477.9 Emergency Spillway Elevation = 6479.0</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet and outlet conditions are good.
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 4/4/03

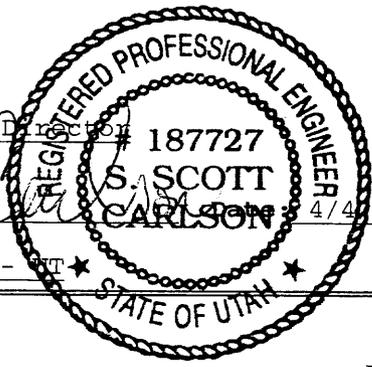
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson - Project Director</u> <small>(Full Name and Title)</small></p> <p>Signature: <u><i>S. Scott Carlson</i></u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Borrow Area Pond	
Permit Number	ACT/007/035	Report Date	4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Borrow Area Pond	
	Impoundment Number	016	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 8.3 acre-feet Maximum Sediment Depth Elevation = 6513.3 Estimated Existing Sediment Elevation = 6511+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6517.03 Primary Drain Elevation = 6514.3</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Culbert Date: 4/4/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Borrow Area Pond	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

none

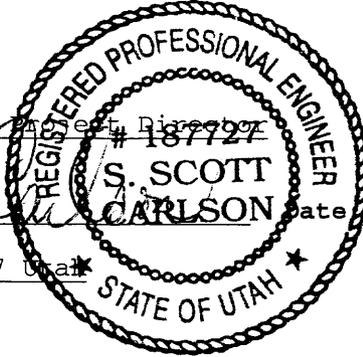
Certification Statement:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, P.E. # 187727

Signature: Date: 4/4/03

P.E. Number & State: 187727 Utah



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Coarse Refuse Pile	
Permit Number	ACT/007/035	Report Date 4/4/03	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Excess Spoil Pile or Refuse Pile Identification	File Name:	Coarse Refuse Pile	
	File Number	N/A	
	MSHA ID Number	1211-UT-09-02093-01	
Inspection Date	3/19/03		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		First Quarter Inspection 2003	
		Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation			
1.	Foundation preparation, including the removal of all organic material and topsoil.		
	N/A		
2.	Placement of underdrains and protective filter systems.		
	N/A		
3.	Installation of final surface drainage systems.		
	N/A		
4.	Placement and compaction of fill materials.		
	N/A		
	Removal of Coarse and fine Refuse Material Only		

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

No smokers visible

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Waste Coal Removal

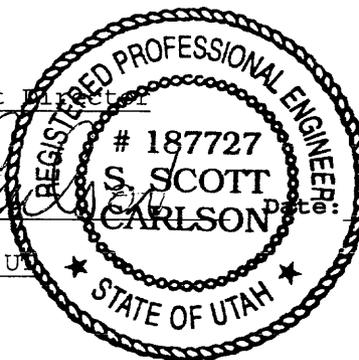
Certification Statement

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Project Director
(Full Name and Title)

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 - UT



Date: 4/4/03



Coarse Refuse Pile – Looking North/Northwest



Coarse Refuse Pile – Looking North/Northeast

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	East Slurry Cell	
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Permit Number	ACT/007/035	Report Date 4/4/03	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	East Slurry Cell	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	1211-UT-09-02093-02	

IMPOUNDMENT INSPECTION

Inspection Date	3/19/03
Inspected By	Scott Carlson

Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003
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1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

NONE

Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 27+- acre-feet Maximum Sediment Depth Elevation = N/A Estimated Existing Sediment Elevation = N/A</p>
	<p>3. Principle and emergency spillway elevations.</p> <p>N/A</p>

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Slurry Cell is not receiving slurry from any source, currently functioning as a sediment pond and coal fine storage. No structural or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson

Date: 4/4/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	East Slurry Cell	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

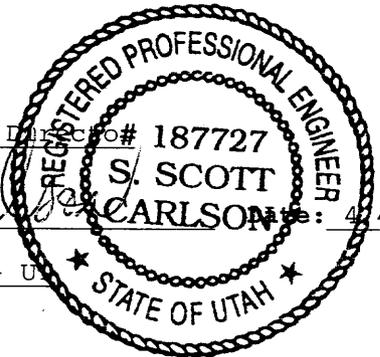
Certification Statement:

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By: S. Scott Carlson - Project Director # 187727
 (Full Name and Title)

Signature: *S. Scott Carlson* # 4/4/03

P.E. Number & State: 187727 - U



Permit Number	ACT/007/035	Report Date 4/4/03
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Mine Name	SUNNYSIDE REFUSE AND SLURRY
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Company Name	SUNNYSIDE COGENERATION ASSOCIATES
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Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #1
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-04

Inspection Date	3/19/03
------------------------	---------

Inspected By	Scott Carlson
---------------------	---------------

Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small>	First Quarter Inspection 2003 Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
---	---

Field Evaluation

1.	Foundation preparation, including the removal of all organic material and topsoil. N/A
----	---

2.	Placement of underdrains and protective filter systems. N/A
----	--

3.	Installation of final surface drainage systems. N/A
----	--

4.	Placement and compaction of fill materials. Did not receive spoils material during this Quarter.
----	---

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

No Construction occurred during this quarter. Construction in previous quarters had been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

Certification Statement

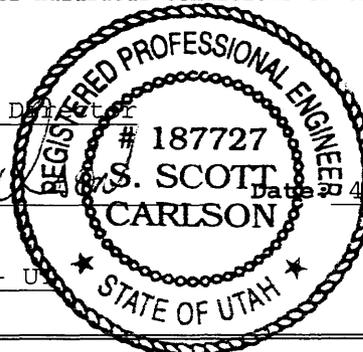
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Project Director
(Full Name and Title)

Signature: S. Scott Carlson

Date: 4/4/03

P.E. Number & State: 187727 - U



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #2
Permit Number	ACT/007/035	Report Date 4/4/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Excess Spoil Disposal Area #2
	Pile Number	N/A
	MSHA ID Number	1211-UT-09-02093-05
Inspection Date	3/19/03	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	First Quarter Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil. Existing disturbed site. No topsoil removal is required by approved plan.	
2.	Placement of underdrains and protective filter systems. Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and storm water rerouted to other impoundments.	
3.	Installation of final surface drainage systems. N/A	
4.	Placement and compaction of fill materials. Placement and compaction of fill material continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan. Approximately 2800 tons of material were placed during the Quarter.	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be and are being filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

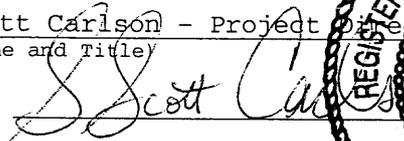
The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site.

Certification Statement

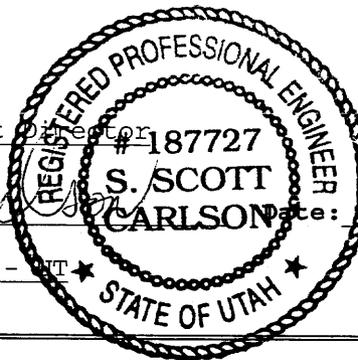
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Project Director
(Full Name and Title)

Signature:



P.E. Number & State: 187727 - UT



Date: 4/4/03



Excess Spoil Disposal Area #2 – Looking North



Excess Spoil Disposal Area #2 – Looking South



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908®



Member of the SGS Group (Société Générale de Surveillance)

March 21, 2003

Sunnyside Operations
P.O. Box 159
#1 Power Plant Road
Sunnyside, UT 84539
USA

ADDRESS ALL CORRESPONDENCE TO:
4665 PARIS STREET
SUITE B-200
DENVER, CO 80239
TEL: (303) 373-4772
FAX: (303) 373-4791
www.comteco.com

Client Sample ID: #1
Date Received: 02/07/2003
Matrix: Soil

Project Name/# : Spoils, Nov. 2002 SCA

CT&E Sample ID: 072-4353-001

Analyte	Result
pH	7.51 s.u.
Neutralization Potential	144 t/1000t
Conductivity	1.86 mmhos/cm
Sand	80 %
Calcium, Soluble	10.8 meq/L
Carbon, Total Organic	11.8 %
Sulfur, AP	15.6 t/1000t
Sulfur, ABP	128 t/1000t
Sulfur, Total	0.50 %
Nitrogen, Nitrate	1.82 ppm
Selenium, Hot Water	<0.01 ppm
Boron, Total	0.46 ppm
Nitrogen, Total	0.75 %
Silt	10 %
Magnesium, Soluble	12.5 meq/L
Clay	10 %
Sodium, Soluble	3.49 meq/L
Texture Class	Sandy Loam
Sodium Absorption Ratio	1.02



Certificate No. 7061/1

Applicable to: Preparation and Analysis of Coal,
Iron Ore and Direct Reduced Iron (DRI)

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Kristi Bulls

Denver Laboratory

Page 1 of 1





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March 21, 2003

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 DENVER, CO 80239
 TEL: (303) 373-4772
 FAX: (303) 373-4791
 www.comteco.com

Client Sample ID: #2
 Date Received: 02/07/2003
 Matrix: Soil

Project Name/# : Spoils, Nov. 2002 SCA

CT&E Sample ID: 072-4353-002

Analyte	Result
pH	6.83 s.u.
Neutralization Potential	49.8 t/1000t
Conductivity	2.35 mmhos/cm
Sand	82 %
Calcium, Soluble	17.7 meq/L
Carbon, Total Organic	30.7 %
Sulfur, AP	18.1 t/1000t
Sulfur, ABP	31.7 t/1000t
Sulfur, Total	0.58 %
Nitrogen, Nitrate	1.54 ppm
Selenium, Hot Water	0.01 ppm
Boron, Total	0.39 ppm
Nitrogen, Total	1.7 %
Silt	10 %
Magnesium, Soluble	15.4 meq/L
Clay	8 %
Sodium, Soluble	3.53 meq/L
Texture Class	Loamy Sand
Sodium Absorption Ratio	0.87



Certificate No. 7061/1

Applicable to: Preparation and Analysis of Coal,
 Iron Ore and Direct Reduced Iron (DRI)

E-465

Respectfully submitted,
 COMMERCIAL TESTING & ENGINEERING CO.

Kristi Bulls

Denver Laboratory

Page 1 of 1





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GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

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Member of the SGS Group (Société Générale de Surveillance)

March 21, 2003

ADDRESS ALL CORRESPONDENCE TO:
4665 PARIS STREET
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www.comteco.com

Sunnyside Operations
P.O. Box 159
#1 Power Plant Road
Sunnyside, UT 84539
USA

Client Sample ID: #3
Date Received: 02/07/2003
Matrix: Soil

Project Name/# : Spoils, Nov. 2002 SCA

CT&E Sample ID: 072-4353-003

<u>Analyte</u>	<u>Result</u>
pH	7.67 s.u.
Neutralization Potential	146 t/1000t
Conductivity	3.37 mmhos/cm
Sand	78 %
Calcium, Soluble	25.8 meq/L
Carbon, Total Organic	11.3 %
Sulfur, AP	16.9 t/1000t
Sulfur, ABP	129 t/1000t
Sulfur, Total	0.54 %
Nitrogen, Nitrate	8.28 ppm
Selenium, Hot Water	0.01 ppm
Boron, Total	0.33 ppm
Nitrogen, Total	0.58 %
Silt	10 %
Magnesium, Soluble	26.1 meq/L
Clay	12 %
Sodium, Soluble	5.94 meq/L
Texture Class	Sandy Loam
Sodium Absorption Ratio	1.17



Reference No. 7061/1

Applicable to: Preparation and Analysis of Coal,
Iron Ore and Direct Reduced Iron (DRI)

F-465

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Kristi Bulls

Denver Laboratory

Page 1 of 1





COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1906*



Member of the SGS Group (Société Générale de Surveillance)

March 21, 2003

Sunnyside Operations
P.O. Box 159
#1 Power Plant Road
Sunnyside, UT 84539
USA

ADDRESS ALL CORRESPONDENCE TO:
4665 PARIS STREET
SUITE B-200
DENVER, CO 80239
TEL: (303) 373-4772
FAX: (303) 373-4791
www.comteco.com

Client Sample ID: #4
Date Received: 02/07/2003
Matrix: Soil

Project Name## : Spoils, Nov. 2002 SCA

CT&E Sample ID: 072-4353-004

Analyte	Result
pH	7.26 s.u.
Neutralization Potential	132 μ 1000t
Conductivity	3.02 mmhos/cm
Sand	74 %
Calcium, Soluble	24.8 meq/L
Carbon, Total Organic	14.6 %
Sulfur, AP	12.8 μ 1000t
Sulfur, ABP	119 μ 1000t
Sulfur, Total	0.41 %
Nitrogen, Nitrate	1.69 ppm
Selenium, Hot Water	0.02 ppm
Boron, Total	0.28 ppm
Nitrogen, Total	0.88 %
Silt	12 %
Magnesium, Soluble	21.0 meq/L
Clay	14 %
Sodium, Soluble	4.48 meq/L
Texture Class	Sandy Loam
Sodium Absorption Ratio	0.94



Certificate No. 7061/1

Applicable to: Preparation and Analysis of Coal,
Iron Ore and Direct Reduced Iron (DRI)

F-465

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Kriste Bulls
Denver Laboratory

Page 1 of 1





**APPENDIX A
CERTIFIED REPORTS**

SECOND QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Clear Water Pond	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Clear Water Pond	
	Impoundment Number	004	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
<p>Required for an impoundment which functions as a SEDIMENTATION POND.</p>	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.9 acre-feet Maximum Sediment Depth Elevation = 6527 Existing Sediment Elevation = 6523+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6530.1</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond was essentially empty.

No structure or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

**Qualification
Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 7/10/2003

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.



S. Scott Carlson Senior Project Manager

(Full Name and Title)

Signature:

Scott Carlson

Date: 7/10/2003

P.E. Number & State: 187727 UT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Railcut Pond	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Railcut Sediment Pond	
	Impoundment Number	007	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.8 acre-feet Maximum Sediment Depth Elevation = 6209 Estimated Existing Sediment Elevation = 6207+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6212.34 Primary Drain Elevation = 6209.07 Maximum Sediment Depth Elevation = 6209.07</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good, no structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. Pond was essentially empty. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



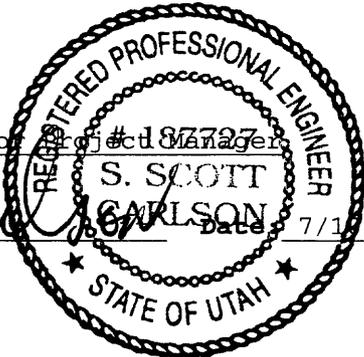
Date: 7/10/2003

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p style="text-align: right; margin-top: 20px;"> By: <u>S. Scott Carlson, P.E. Senior Project Manager</u> Signature: <i>S. Scott Carlson</i> P.E. Number & State: <u>187727 - UT</u> </p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		OCRR Pond
Permit Number	ACT/007/035	Report Date 7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Impoundment Identification	Impoundment Name	Old Coarse Refuse Road Sediment Pond
	Impoundment Number	008
	UPDES Permit Number	UT 024759
	MSHA ID Number	N/A
IMPOUNDMENT INSPECTION		
Inspection Date	June 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>		
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 0.9 acre-feet Maximum Sediment Depth Elevation = 6394.75 Estimated Existing Sediment Elevation = 6394+-</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6399.4 Primary Drain Elevation = 6395.75</p>	

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, Pond was essentially empty. inlet/outlet conditions are good,
No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes, no structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

Scott Carlson

Date: 7/10/2003

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

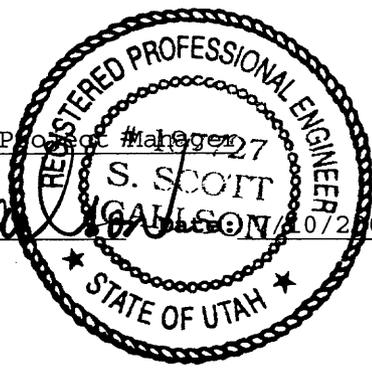
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, P.E. Senior Professional Engineer #187727

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 - UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Pasture Pond	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Pasture Sediment Pond	
	Impoundment Number	009	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.0 acre-feet Maximum Sediment Depth Elevation = 6485.5 Estimated Existing Sediment Elevation = 6484+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6490.6 Primary Drain Elevation = 6486.6</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in the bottom.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson

Date: 7/10/2003

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Pasture Pond	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

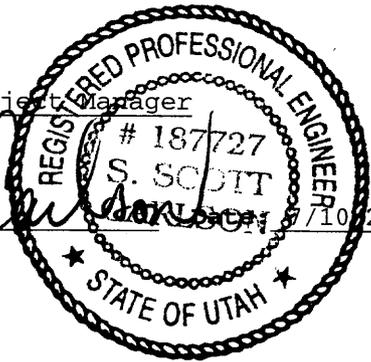
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Senior Project Manager

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 - UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		CRT Pond	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	New Coarse Refuse Toe Sediment Pond	
	Impoundment Number	012	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.6 acre-feet Maximum Sediment Depth Elevation = 6177.0 Estimated Existing Sediment Elevation = 6176+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6183.63 Primary Drain Elevation = 6178.2</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
No discharge, inlet/outlet conditions are good,
No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

Scott Carlson

Date: 7/10/2003

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		CRT Pond		
CERTIFIED REPORT				
IMPOUNDMENT EVALUATION (If NO, explain under Comments)			YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?			yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?			yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?			yes	
COMMENTS AND OTHER INFORMATION				
None				
Certification Statement:		<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p>		
By: <u>S. Scott Carlson - Senior Project Manager</u>				
Signature: <u><i>S. Scott Carlson</i></u>				
P.E. Number & State: <u>187727 - UT</u>				

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		COAL RUNOFF POND	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Coal Runoff Sediment Pond	
	Impoundment Number	014	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.5 acre feet Maximum Sediment Depth Elevation = 6476.0 Estimated Existing Sediment Elevation = 6474±</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6477.9 Emergency Spillway Elevation = 6479.0</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet and outlet conditions are good.
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson

Date: 7/10/2003

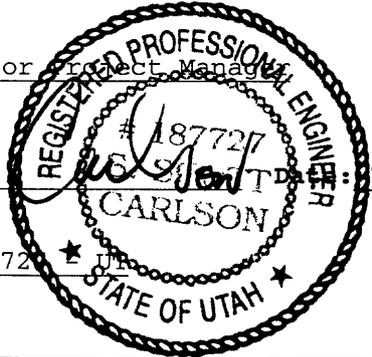
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p style="margin-top: 20px;">By: <u>S. Scott Carlson - Senior Project Manager</u> (Full Name and Title)</p> <p style="margin-top: 10px;">Signature: <u><i>S. Scott Carlson</i></u></p> <p style="margin-top: 10px;">P.E. Number & State: <u>18772</u> ★ <u>UT</u> ★</p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Borrow Area Pond	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Borrow Area Pond	
	Impoundment Number	016	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 8.3 acre-feet Maximum Sediment Depth Elevation = 6513.3 Estimated Existing Sediment Elevation = 6511+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6517.03 Primary Drain Elevation = 6514.3</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson Date: 7/10/2003

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

none

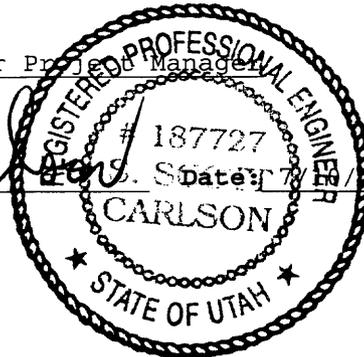
Certification Statement:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, P.E. Senior Project Manager

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 Utah



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Coarse Refuse Pile
Permit Number	ACT/007/035	Report Date 7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Coarse Refuse Pile
	Pile Number	N/A
	MSHA ID Number	1211-UT-09-02093-01
Inspection Date	June 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil.	
	N/A	
2.	Placement of underdrains and protective filter systems.	
	N/A	
3.	Installation of final surface drainage systems.	
	N/A	
4.	Placement and compaction of fill materials.	
	N/A	
	Removal of Coarse and fine Refuse Material Only	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

No smokers visible

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

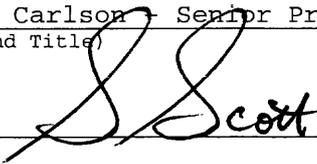
Waste Coal Removal

Certification Statement

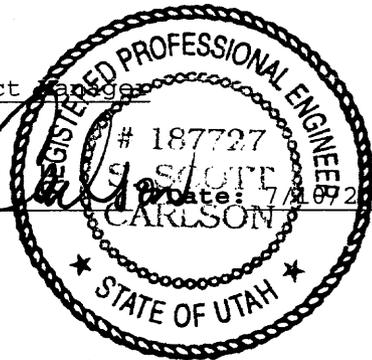
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

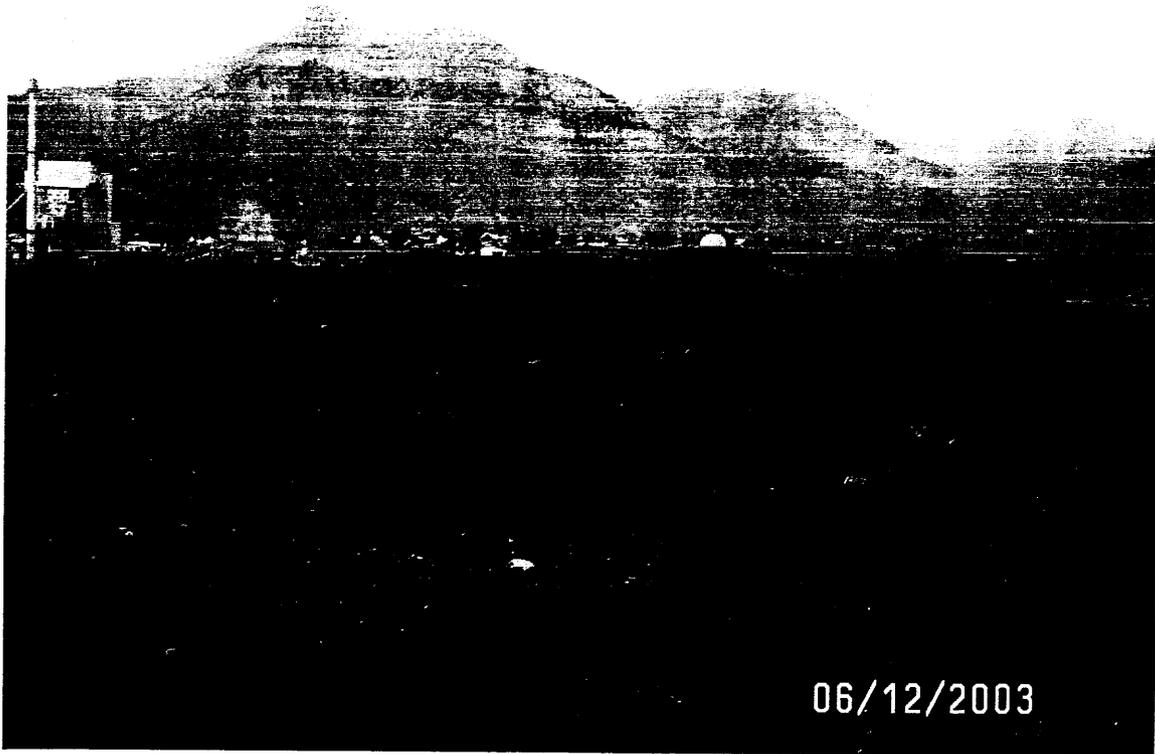
By: S. Scott Carlson - Senior Project Manager
(Full Name and Title)

Signature:

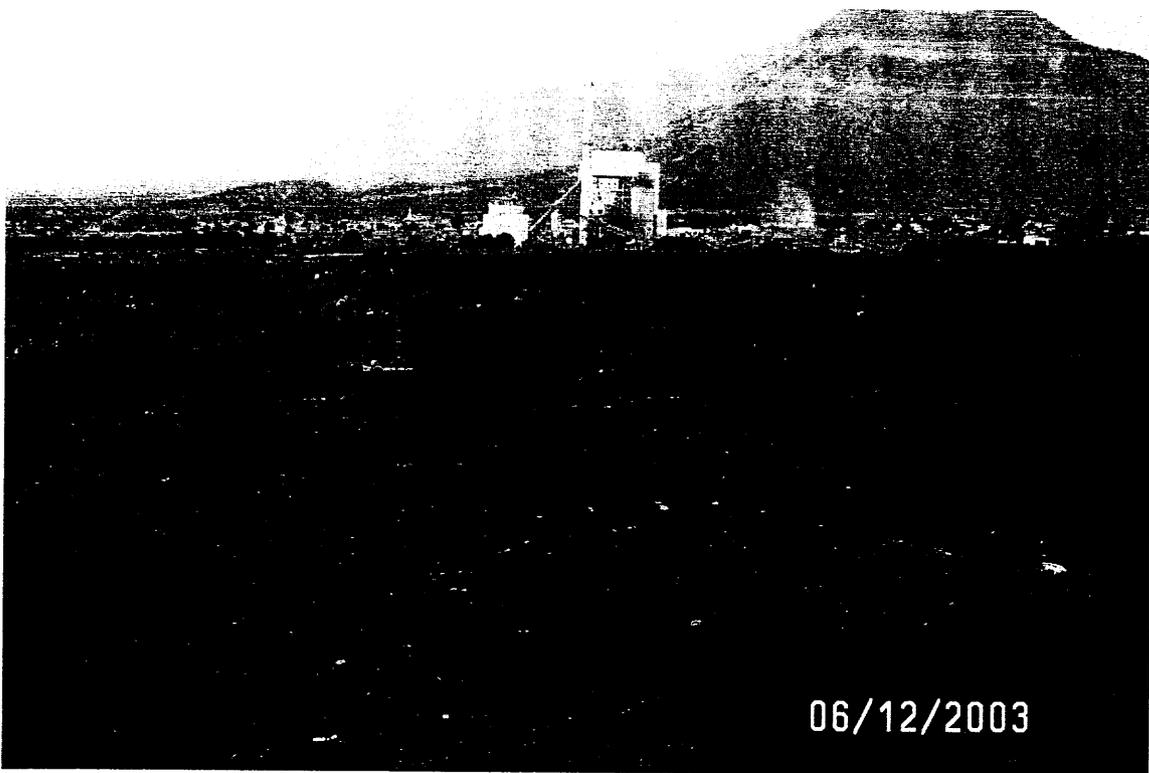


P.E. Number & State: 187727 - UT





Coarse Refuse Pile – Looking northeasterly



Coarse Refuse Pile – Looking northerly



Coarse Refuse Pile – Looking northeasterly



Coarse Refuse Pile – Looking northerly



Coarse Refuse Pile – Looking northwesterly



Coarse Refuse Pile - Looking northwesterly

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		East Slurry Cell	
Permit Number	ACT/007/035	Report Date	7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	East Slurry Cell	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	1211-UT-09-02093-02	
IMPOUNDMENT INSPECTION			
Inspection Date	June 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 27+- acre-feet Maximum Sediment Depth Elevation = N/A Estimated Existing Sediment Elevation = N/A</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>N/A</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Slurry Cell is not receiving slurry from any source, currently functioning as a sediment pond and coal fine storage. No structural or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson Date: 7/10/2003

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	East Slurry Cell	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

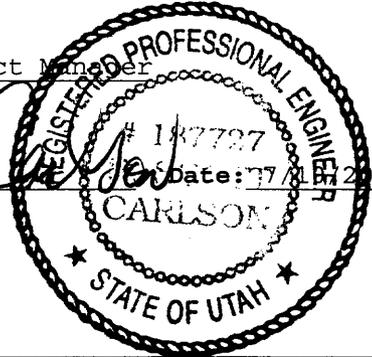
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Senior Project Manager
 (Full Name and Title)

Signature: *S. Scott Carlson* Date: 7/15/03

P.E. Number & State: 187727 - UT



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #1
Permit Number	ACT/007/035	Report Date 7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Excess Spoil Disposal Area #1
	Pile Number	N/A
	MSHA ID Number	1211-UT-09-02093-04
Inspection Date	June 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003	
	Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil. N/A	
2.	Placement of underdrains and protective filter systems. N/A	
3.	Installation of final surface drainage systems. N/A	
4.	Placement and compaction of fill materials. Did not receive spoils material during this Quarter.	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

No Construction occurred during this quarter. Construction in previous quarters had been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

Certification Statement

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

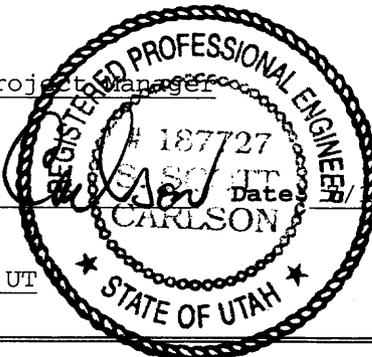
By: S. Scott Carlson - Senior Project Manager

(Full Name and Title)

Signature: *S. Scott Carlson*

Date: 8/10/2003

P.E. Number & State: 187727 - UT



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #2
Permit Number	ACT/007/035	Report Date 7/10/2003
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #2
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-05
Inspection Date	June 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
<p>1. Foundation preparation, including the removal of all organic material and topsoil.</p> <p>Existing disturbed site. No topsoil removal is required by approved plan.</p>		
<p>2. Placement of underdrains and protective filter systems.</p> <p>Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and storm water rerouted to other impoundments.</p>		
<p>3. Installation of final surface drainage systems.</p> <p>N/A</p>		
<p>4. Placement and compaction of fill materials.</p> <p>Placement and compaction of fill material continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan.</p> <p>Approximately 1014 tons of material were placed during the Quarter.</p>		

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and any abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be and are being filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site.

Certification Statement

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability. .

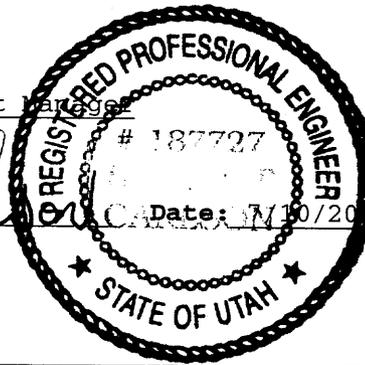
By: S. Scott Carlson - Senior Project Manager

(Full Name and Title)

Signature: *S. Scott Carlson*

Date: 11/30/2013

P.E. Number & State: 187727 - UT





Excess Spoil Disposal Area #2 – North end looking southwesterly



Excess Spoil Disposal Area #2 – North end looking southeasterly



**APPENDIX A
CERTIFIED REPORTS**

THIRD QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Clear Water Pond	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Clear Water Pond	
	Impoundment Number	004	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.9 acre-feet Maximum Sediment Depth Elevation = 6527 Existing Sediment Elevation = 6523+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6530.1</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond was essentially empty.

No structure or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

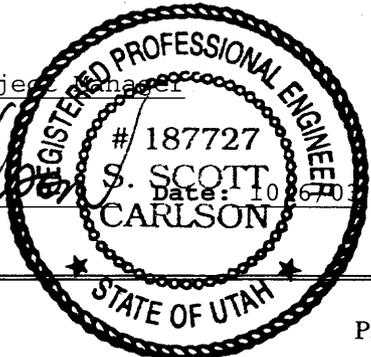
I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 10/6/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Clear Water Pond	
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		
None		
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p>	
	<p>By: <u>S. Scott Carlson</u> Senior Project Manager <small>(Full Name and Title)</small></p> <p>Signature: <u><i>S. Scott Carlson</i></u></p> <p>P.E. Number & State: <u>187727 UT</u></p>	



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Railcut Pond	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Railcut Sediment Pond	
	Impoundment Number	007	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.8 acre-feet Maximum Sediment Depth Elevation = 6209 Estimated Existing Sediment Elevation = 6207+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6212.34 Primary Drain Elevation = 6209.07 Maximum Sediment Depth Elevation = 6209.07</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good, no structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. Pond was essentially empty. No structure or stability problems observed.

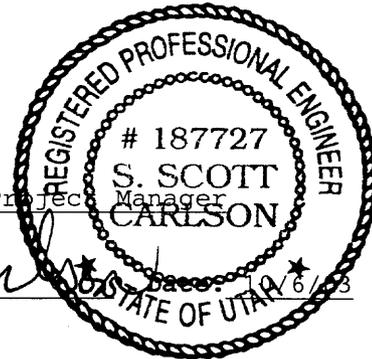
Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson

Date: 10/6/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Railcut Pond	
CERTIFIED REPORT			
IMPOUNDMENT EVALUATION (If NO, explain under Comments)		YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?		yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		yes	
COMMENTS AND OTHER INFORMATION			
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson, P.E. Senior Project Manager</u></p> <p>Signature: <u><i>S. Scott Carlson</i></u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>		



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		OCRR Pond	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Old Coarse Refuse Road Sediment Pond	
	Impoundment Number	008	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Third Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 0.9 acre-feet Maximum Sediment Depth Elevation = 6394.75 Estimated Existing Sediment Elevation = 6394+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6399.4 Primary Drain Elevation = 6395.75</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, Pond was essentially empty. inlet/outlet conditions are good, No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes, no structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson

Date: 10/6/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	OCRR Pond	
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		
None		
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p>	
	<p>By: <u>S. Scott Carlson, P.E. Senior Project Manager</u></p> <p>Signature: <u><i>S. Scott Carlson</i></u> Date: <u>10/6/03</u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>	



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Pasture Pond	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Pasture Sediment Pond	
	Impoundment Number	009	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Third Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.0 acre-feet Maximum Sediment Depth Elevation = 6485.5 Estimated Existing Sediment Elevation = 6484+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6490.6 Primary Drain Elevation = 6486.6</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in the bottom.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson Date: 10/6/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Pasture Pond	
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson - Senior Project Manager</u></p> <p>Signature: <u><i>S. Scott Carlson</i></u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>	



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		CRT Pond	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	New Coarse Refuse Toe Sediment Pond	
	Impoundment Number	012	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.6 acre-feet Maximum Sediment Depth Elevation = 6177.0 Estimated Existing Sediment Elevation = 6176+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6183.63 Primary Drain Elevation = 6178.2</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
No discharge, inlet/outlet conditions are good,
No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

**Qualification
Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 10/6/03

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	CRT Pond	
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		
None		
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson - Senior Project Manager</u></p> <p>Signature: <u><i>S. Scott Carlson</i></u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>	



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		COAL RUNOFF POND	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Coal Runoff Sediment Pond	
	Impoundment Number	014	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Third Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.5 acre feet Maximum Sediment Depth Elevation = 6476.0 Estimated Existing Sediment Elevation = 6474±</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6477.9 Emergency Spillway Elevation = 6479.0</p>		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	COAL RUNOFF POND	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

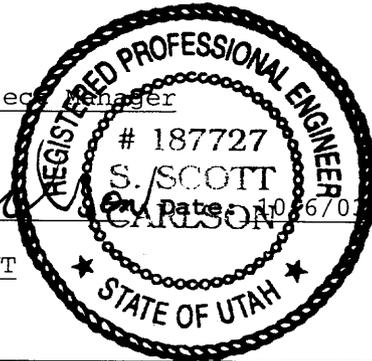
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Senior Project Manager
(Full Name and Title)

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 - UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Borrow Area Pond	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Borrow Area Pond	
	Impoundment Number	016	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 8.3 acre-feet Maximum Sediment Depth Elevation = 6513.3 Estimated Existing Sediment Elevation = 6511+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6517.03 Primary Drain Elevation = 6514.3</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: Scott Carlson Date: 10/6/03

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

none

Certification Statement:

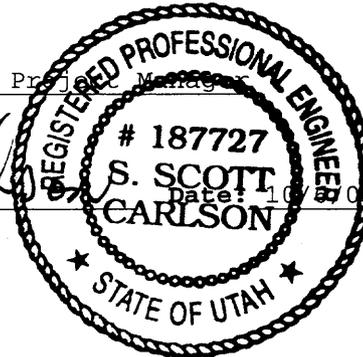
I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, P.E. Senior Project Manager

Signature: _____

S. Scott Carlson

P.E. Number & State: 187727 Utah



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Coarse Refuse Pile
Permit Number	ACT/007/035	Report Date 10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Coarse Refuse Pile
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-01
Inspection Date	September 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil.	
	N/A	
2.	Placement of underdrains and protective filter systems.	
	N/A	
3.	Installation of final surface drainage systems.	
	N/A	
4.	Placement and compaction of fill materials.	
	N/A	
	Removal of Coarse and fine Refuse Material Only	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

No smokers visible

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Waste Coal Removal

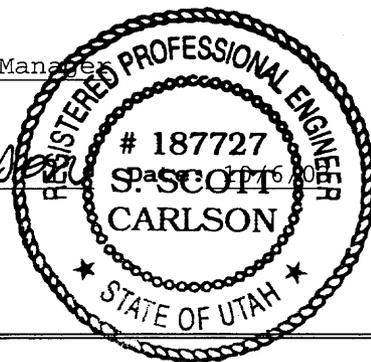
**Certification
Statement**

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Senior Project Manager
(Full Name and Title)

Signature: S. Scott Carlson

P.E. Number & State: 187727 - UT





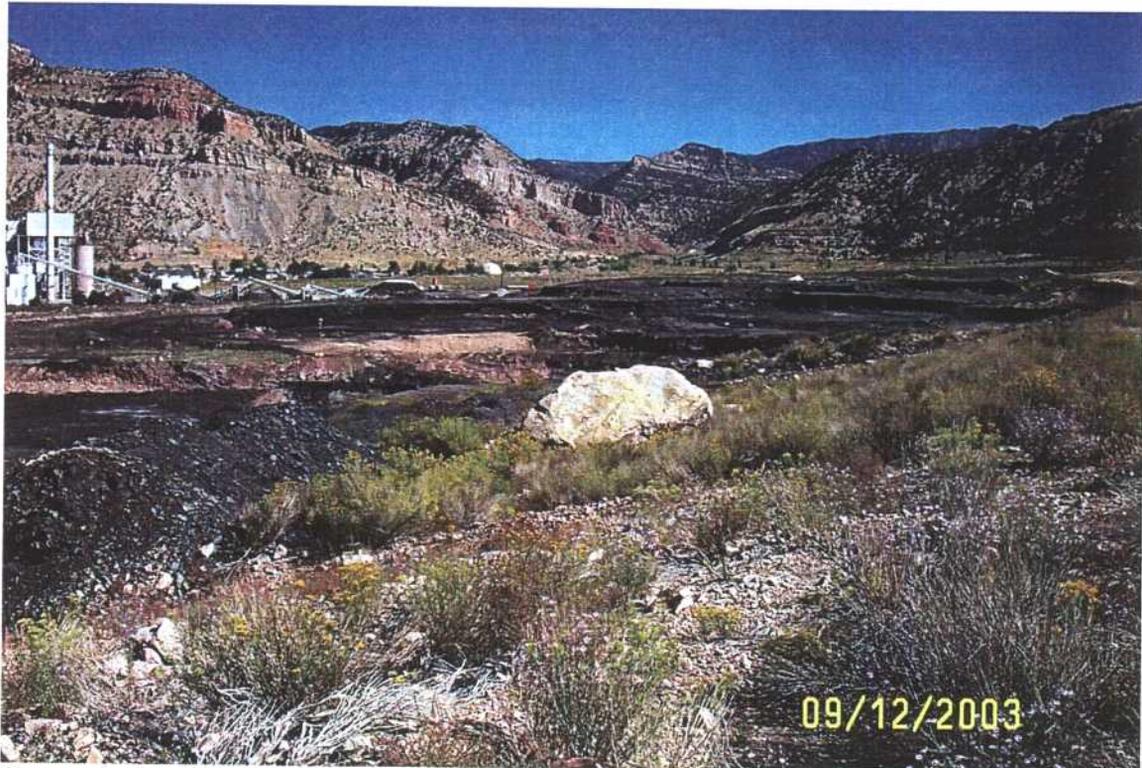
Coarse Refuse Pile, looking northwesterly



Coarse Refuse Pile, looking northeasterly



Coarse Refuse Pile, looking northwesterly



Coarse Refuse Pile, looking northeasterly

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		East Slurry Cell	
Permit Number	ACT/007/035	Report Date	10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	East Slurry Cell	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	1211-UT-09-02093-02	
IMPOUNDMENT INSPECTION			
Inspection Date	September 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Third Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 27+- acre-feet Maximum Sediment Depth Elevation = N/A Estimated Existing Sediment Elevation = N/A</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>N/A</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Slurry Cell is not receiving slurry from any source, currently functioning as a sediment pond and coal fine storage. No structural or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 10/6/03

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #1
Permit Number	ACT/007/035	Report Date 10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #1
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-04
Inspection Date	September 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003	
	Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil. N/A	
2.	Placement of underdrains and protective filter systems. N/A	
3.	Installation of final surface drainage systems. N/A	
4.	Placement and compaction of fill materials. Did not receive spoils material during this Quarter.	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

No Construction occurred during this quarter. Construction in previous quarters had been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

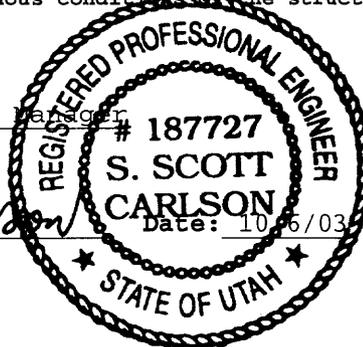
**Certification
Statement**

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Senior Project Manager

(Full Name and Title)

Signature: S. Scott Carlson



P.E. Number & State: 187727 - UT

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #2
Permit Number	ACT/007/035	Report Date 10/6/03
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #2
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-05
Inspection Date	September 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Third Quarter Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	<p>Foundation preparation, including the removal of all organic material and topsoil.</p> <p>Existing disturbed site. No topsoil removal is required by approved plan.</p>	
2.	<p>Placement of underdrains and protective filter systems.</p> <p>Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and storm water rerouted to other impoundments.</p>	
3.	<p>Installation of final surface drainage systems.</p> <p>N/A</p>	
4.	<p>Placement and compaction of fill materials.</p> <p>Placement and compaction of fill material continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan.</p> <p>Approximately 4615 tons of material were placed during the Quarter.</p>	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be and are being filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site.

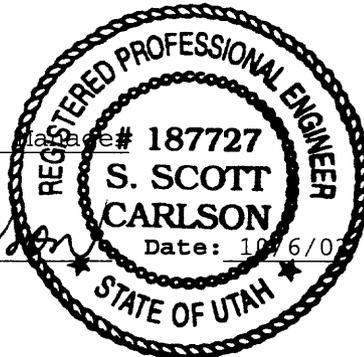
Certification Statement

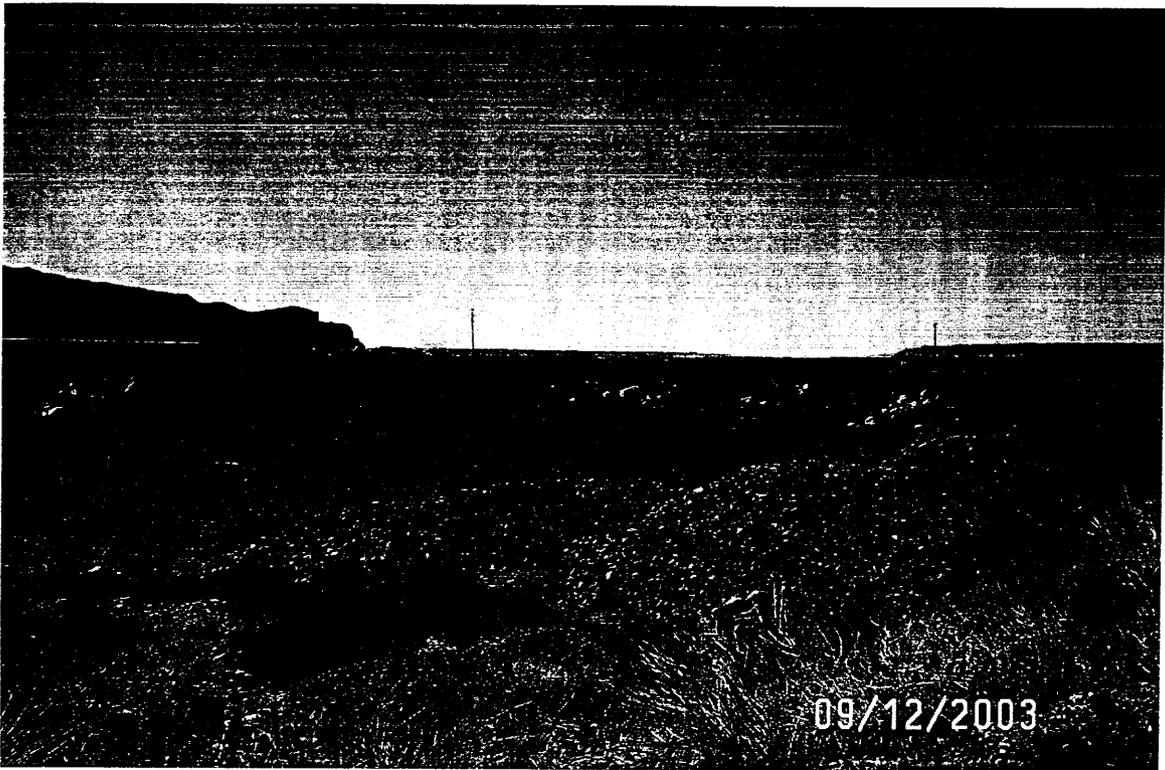
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Senior Project Manager License # 187727
(Full Name and Title)

Signature: *S. Scott Carlson* Date: 10/6/03

P.E. Number & State: 187727 - UT





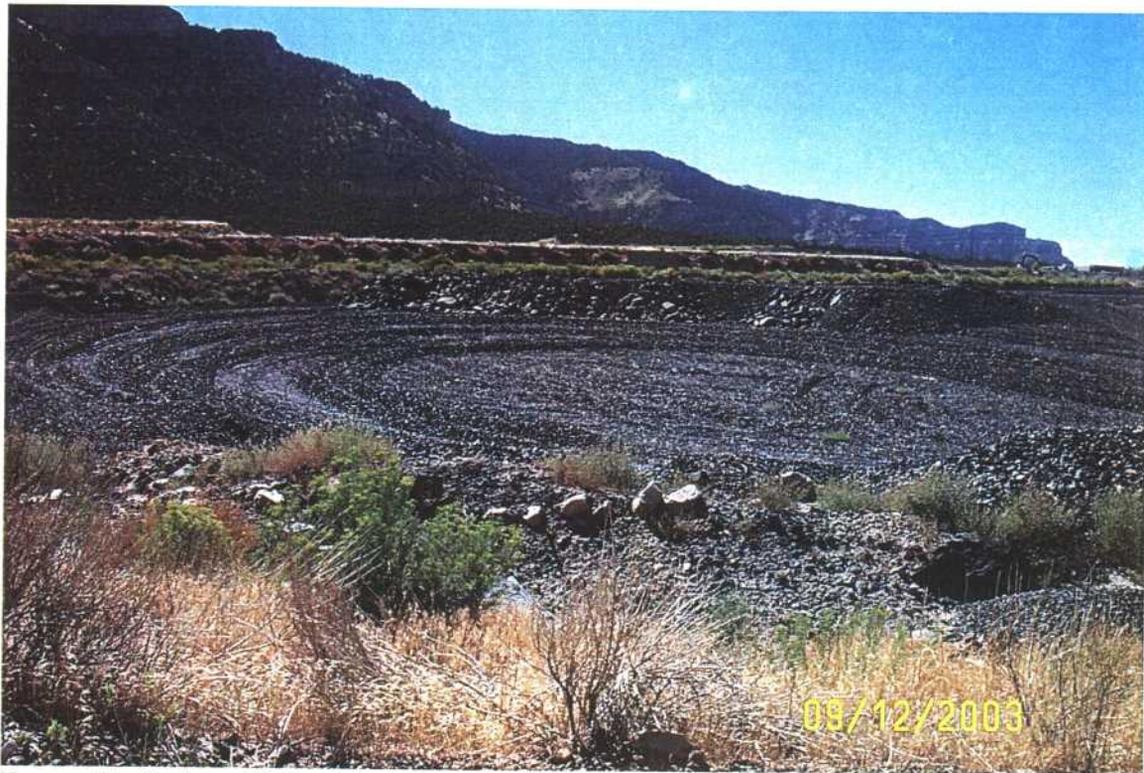
Excess Spoil Area #2, Looking Southerly



Excess Spoil Area #2, Looking Easterly



Excess Spoil Area #2, Looking Southerly



Excess Spoil Area #2, Looking Easterly



**APPENDIX A
CERTIFIED REPORTS**

FOURTH QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Clear Water Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Clear Water Pond	
	Impoundment Number	004	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Fourth Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
<p>Required for an impoundment which functions as a SEDIMENTATION POND.</p>	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.9 acre-feet Maximum Sediment Depth Elevation = 6527 Existing Sediment Elevation = 6523+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6530.1</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

No discharge, inlet/outlet conditions are good

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond was essentially empty.

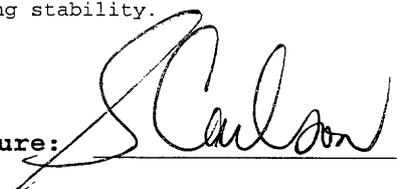
No structure or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Clear Water Pond	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

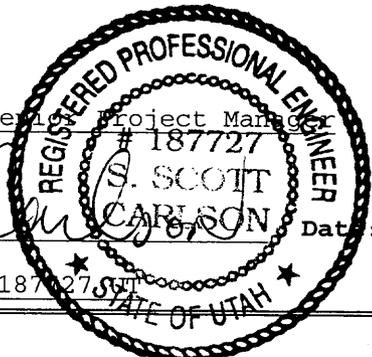
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Senior Project Manager
 (Full Name and Title)

Signature: *S. Scott Carlson* Date: 1/6/04

P.E. Number & State: 187727 UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Railcut Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Railcut Sediment Pond	
	Impoundment Number	007	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Fourth Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.8 acre-feet Maximum Sediment Depth Elevation = 6209 Estimated Existing Sediment Elevation = 6207+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6212.34 Primary Drain Elevation = 6209.07 Maximum Sediment Depth Elevation = 6209.07</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good, no structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. Pond was essentially empty. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



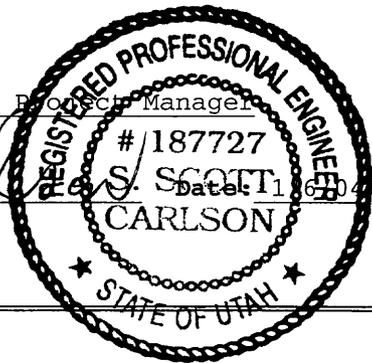
Date: 1/6/04

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson, P.E. Senior Project Manager</u></p> <p>Signature: </p> <p>P.E. Number & State: <u>187727 - UT</u></p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		OCRR Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Old Coarse Refuse Road Sediment Pond	
	Impoundment Number	008	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Fourth Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 0.9 acre-feet Maximum Sediment Depth Elevation = 6394.75 Estimated Existing Sediment Elevation = 6394+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6399.4 Primary Drain Elevation = 6395.75</p>		

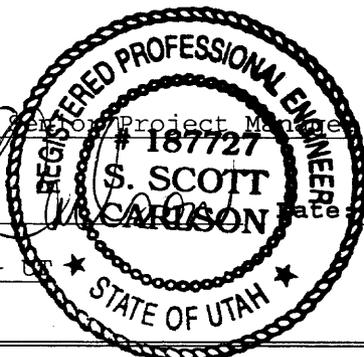
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p style="text-align: right;">By: <u>S. Scott Carlson, P.E.</u> Senior Project Manager</p> <p style="text-align: right;">Signature: <u><i>S. Scott Carlson</i></u> Date: <u>1/6/04</u></p> <p style="text-align: right;">P.E. Number & State: <u>187727 - UT</u></p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Pasture Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Pasture Sediment Pond	
	Impoundment Number	009	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Fourth Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.0 acre-feet Maximum Sediment Depth Elevation = 6485.5 Estimated Existing Sediment Elevation = 6484+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6490.6 Primary Drain Elevation = 6486.6</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had some water in the bottom.
No discharge, inlet/outlet conditions are good,
No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

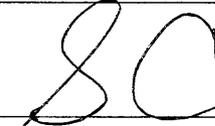
**Qualification
Statement**

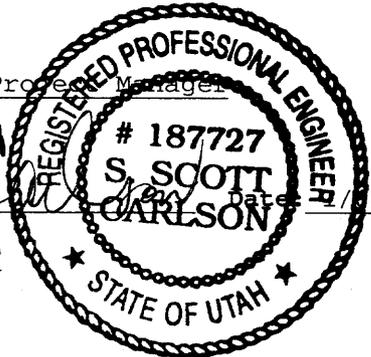
I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Pasture Pond
CERTIFIED REPORT	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes
COMMENTS AND OTHER INFORMATION	
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson - Senior Project Manager</u></p> <p>Signature: <u></u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		CRT Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	New Coarse Refuse Toe Sediment Pond	
	Impoundment Number	012	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Fourth Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.6 acre-feet Maximum Sediment Depth Elevation = 6177.0 Estimated Existing Sediment Elevation = 6176+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6183.63 Primary Drain Elevation = 6178.2</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet/outlet conditions are good,
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

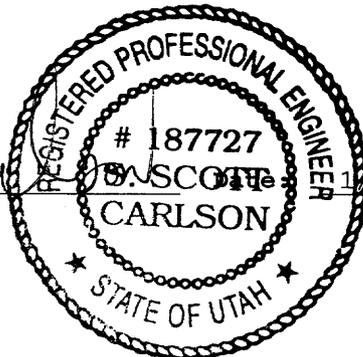
No changes. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____

Signature of D. Scott Carlson

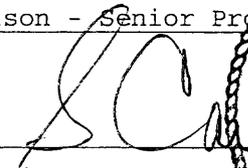


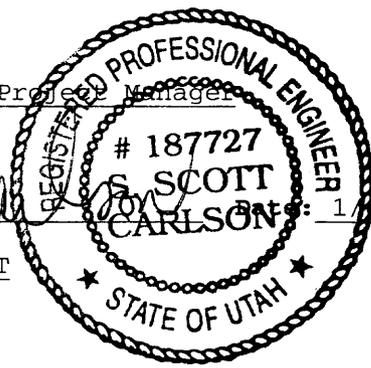
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p style="margin-top: 20px;">By: <u>S. Scott Carlson - Senior Project Manager</u></p> <p style="margin-top: 10px;">Signature: <u></u></p> <p style="margin-top: 10px;">P.E. Number & State: <u>187727 - UT</u></p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		COAL RUNOFF POND	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Coal Runoff Sediment Pond	
	Impoundment Number	014	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Fourth Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.5 acre feet Maximum Sediment Depth Elevation = 6476.0 Estimated Existing Sediment Elevation = 6474±</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6477.9 Emergency Spillway Elevation = 6479.0</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet and outlet conditions are good.
 No structural or hazardous conditions exist.

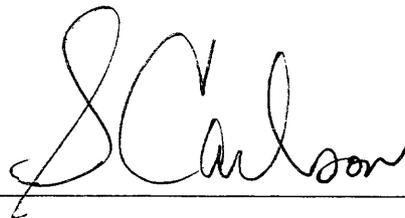
5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	COAL RUNOFF POND	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

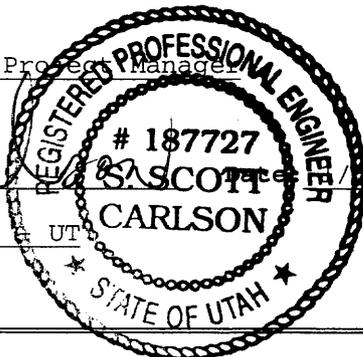
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Senior Project Manager
 (Full Name and Title)

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Borrow Area Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Borrow Area Pond	
	Impoundment Number	016	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Fourth Quarter Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 8.3 acre-feet Maximum Sediment Depth Elevation = 6513.3 Estimated Existing Sediment Elevation = 6511+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6517.03 Primary Drain Elevation = 6514.3</p>		

4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
No discharge, inlet/outlet conditions are good,
No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
No structure or stability problems observed.

**Qualification
Statement**

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

none

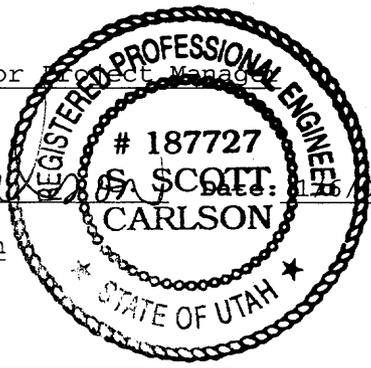
Certification Statement:

I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, P.E. Senior Project Manager

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 Utah



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Coarse Refuse Pile
Permit Number	ACT/007/035	Report Date 1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Coarse Refuse Pile
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-01
Inspection Date	December 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Fourth Quarter Inspection 2003
		Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil.	
	N/A	
2.	Placement of underdrains and protective filter systems.	
	N/A	
3.	Installation of final surface drainage systems.	
	N/A	
4.	Placement and compaction of fill materials.	
	N/A	
	Removal of Coarse and fine Refuse Material Only	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

No smokers visible

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Waste Coal Removal

Certification Statement

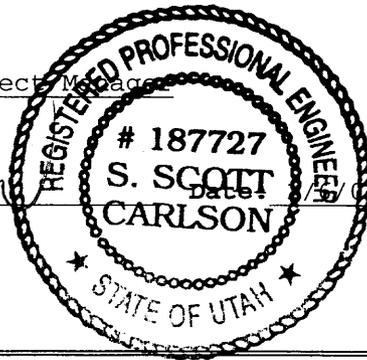
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Senior Project Manager
(Full Name and Title)

Signature:

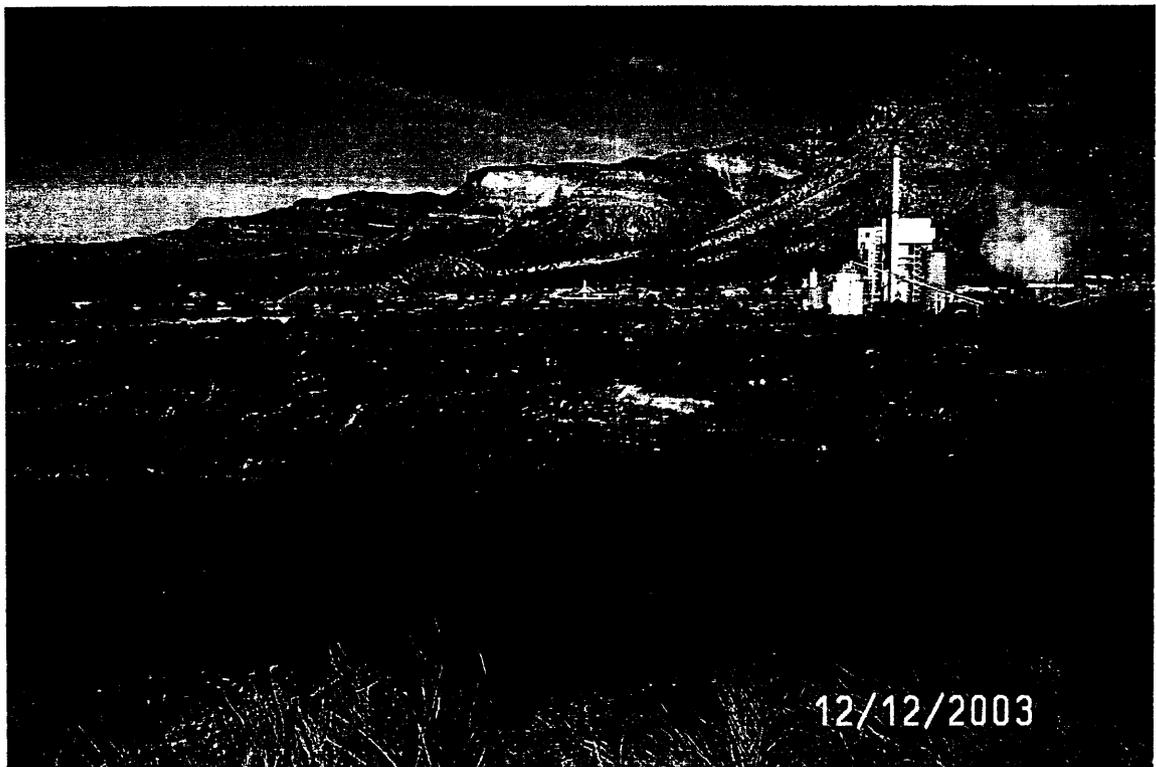


P.E. Number & State: 187727 - UT

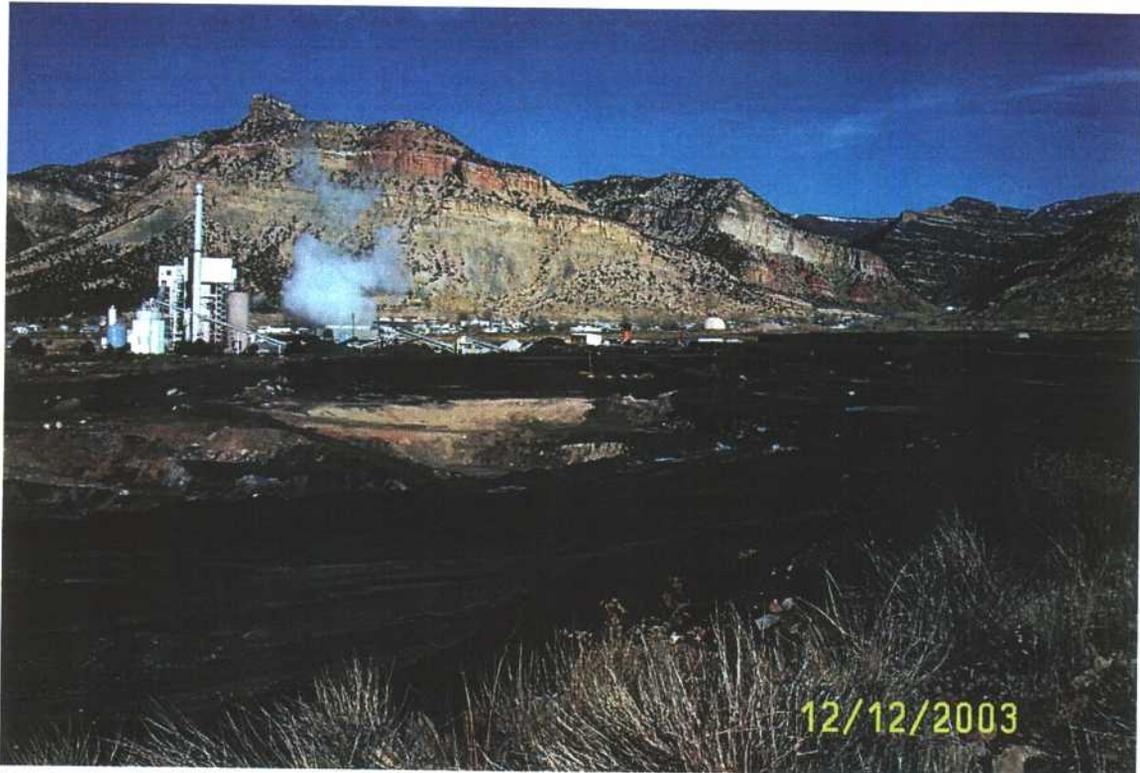




Coarse Refuse Pile – Looking north/northeast



Coarse Refuse Pile – Looking north



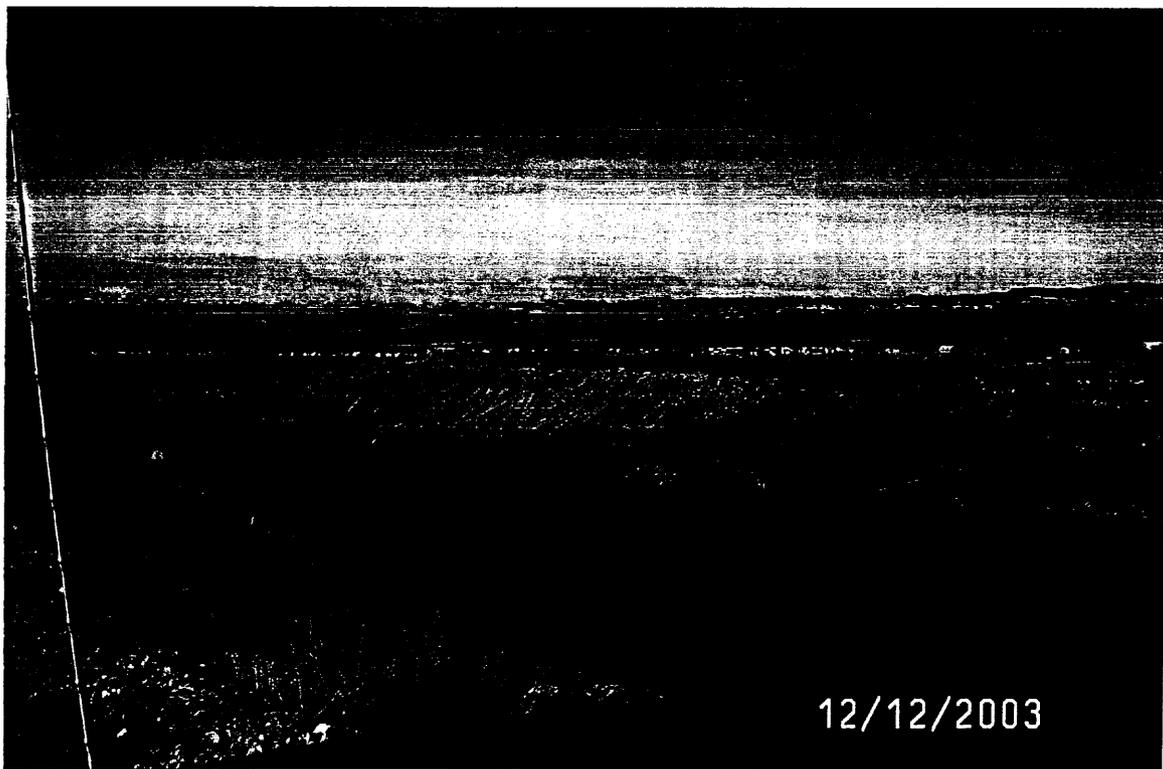
Coarse Refuse Pile – Looking north/northeast



Coarse Refuse Pile – Looking north



Coarse Refuse Pile – Looking north/northwest



Coarse Refuse Pile – Looking north/northwest

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		East Slurry Cell	
Permit Number	ACT/007/035	Report Date 1/6/04	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	East Slurry Cell	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	1211-UT-09-02093-02	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Fourth Quarter Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 27+- acre-feet Maximum Sediment Depth Elevation = N/A Estimated Existing Sediment Elevation = N/A</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>N/A</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond was essentially empty.
No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Slurry Cell is not receiving slurry from any source, currently functioning as a sediment pond and coal fine storage. No structural or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	East Slurry Cell	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

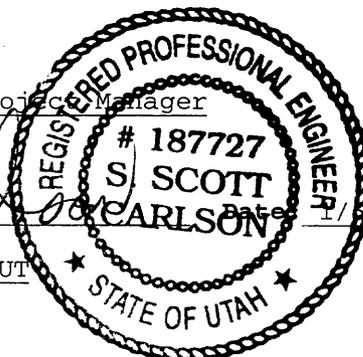
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Senior Project Manager
 (Full Name and Title)

Signature: *S. Scott Carlson* Date: 1/1/04

P.E. Number & State: 187727 - UT



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #1
Permit Number	ACT/007/035	Report Date 1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #1
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-04
Inspection Date	December 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Fourth Quarter Inspection 2003	
		Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil. N/A	
2.	Placement of underdrains and protective filter systems. N/A	
3.	Installation of final surface drainage systems. N/A	
4.	Placement and compaction of fill materials. Did not receive spoils material during this Quarter.	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

No Construction occurred during this quarter. Construction in previous quarters had been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

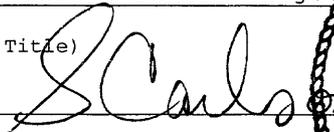
Certification Statement

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

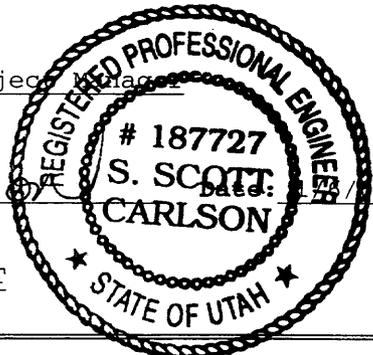
By: S. Scott Carlson - Senior Project Manager

(Full Name and Title)

Signature: _____



P.E. Number & State: 187727 - UT



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #2
Permit Number	ACT/007/035	Report Date 1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #2
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-05
Inspection Date	December 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Fourth Quarter Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	<p>Foundation preparation, including the removal of all organic material and topsoil.</p> <p>Existing disturbed site. No topsoil removal is required by approved plan.</p>	
2.	<p>Placement of underdrains and protective filter systems.</p> <p>Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and storm water rerouted to other impoundments.</p>	
3.	<p>Installation of final surface drainage systems.</p> <p>N/A</p>	
4.	<p>Placement and compaction of fill materials.</p> <p>Placement and compaction of fill material continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan.</p> <p>Approximately 4412 tons of material were placed during the Quarter.</p>	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be and are being filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site.

Certification Statement

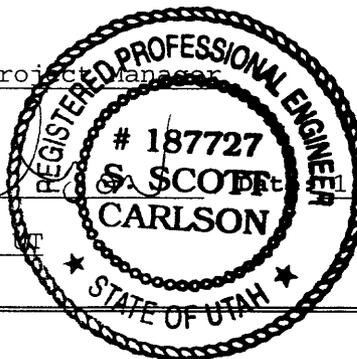
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

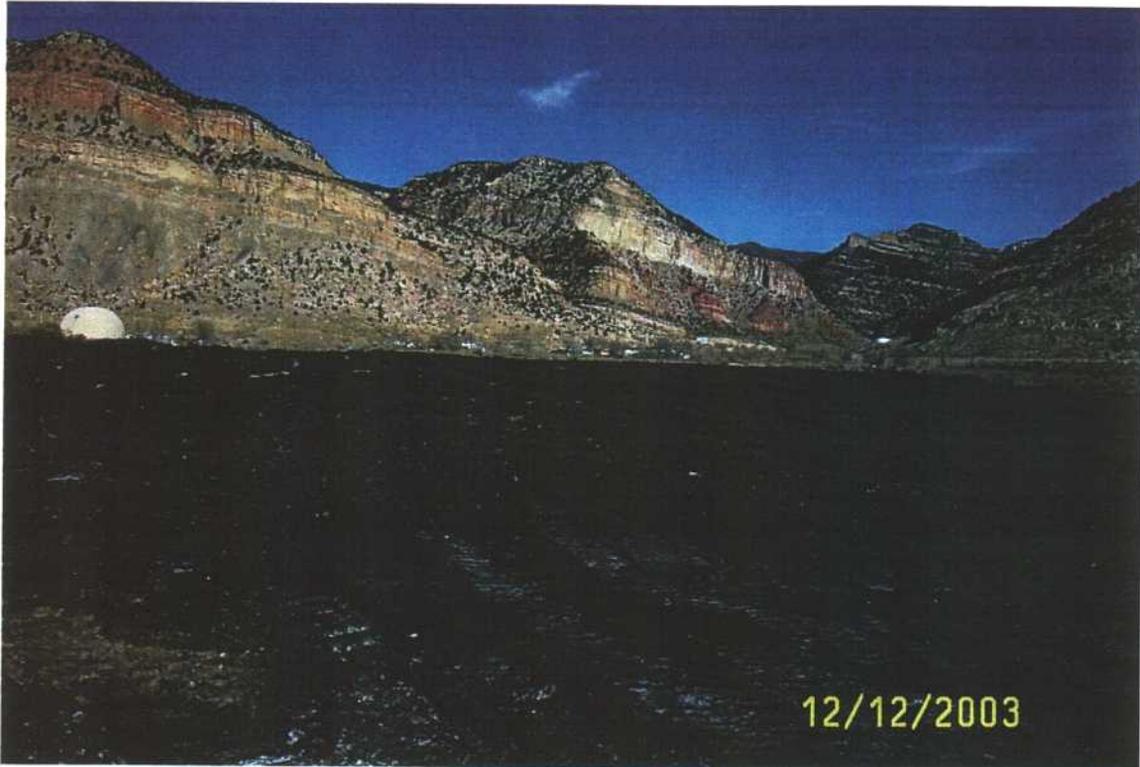
By: S. Scott Carlson - Senior Project Manager

(Full Name and Title)

Signature: *S. Carlson*

P.E. Number & State: 187727 - UT

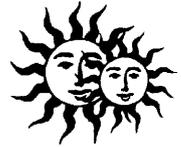




Excess Spoil Disposal Area # 2 – Looking Northerly



Excess Spoil Disposal Area # 2 – Looking Southerly



**APPENDIX A
CERTIFIED REPORTS**

ANNUAL INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Clear Water Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Clear Water Pond	
	Impoundment Number	004	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.9 acre-feet Maximum Sediment Depth Elevation = 6527 Existing Sediment Elevation = 6523+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6530.1</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

No discharge, inlet/outlet conditions are good

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond was essentially empty.

No structure or stability problems observed.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Clear Water Pond	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:

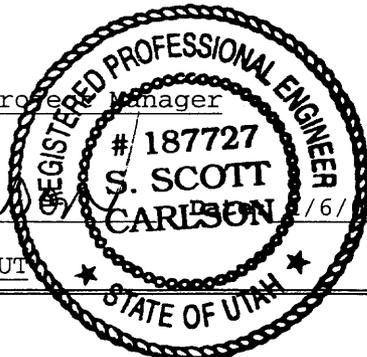
I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Senior Project Manager

(Full Name and Title)

Signature: _____

P.E. Number & State: 187727 UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Railcut Pond	
Permit Number	ACT/007/035	Report Date 1/6/04	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Railcut Sediment Pond	
	Impoundment Number	007	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 4.8 acre-feet Maximum Sediment Depth Elevation = 6209 Estimated Existing Sediment Elevation = 6207+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6212.34 Primary Drain Elevation = 6209.07 Maximum Sediment Depth Elevation = 6209.07</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good, no structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. Pond was essentially empty. No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		OCRR Pond	
Permit Number	ACT/007/035	Report Date 1/6/04	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Old Coarse Refuse Road Sediment Pond	
	Impoundment Number	008	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 0.9 acre-feet Maximum Sediment Depth Elevation = 6394.75 Estimated Existing Sediment Elevation = 6394+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6399.4 Primary Drain Elevation = 6395.75</p>		

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

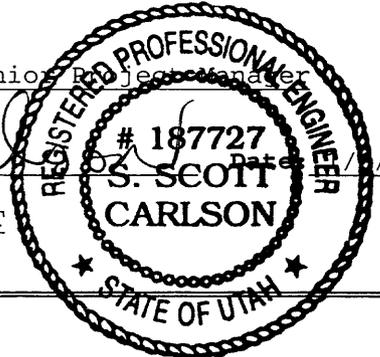
None

<p>Certification Statement:</p>	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p>
--	---

By: S. Scott Carlson, P.E. Senior Project Manager

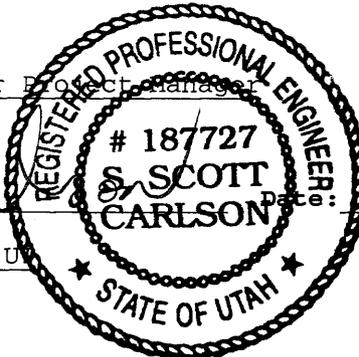
Signature: *S. Scott Carlson* Date: 1/1/04

P.E. Number & State: 187727 - UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Pasture Pond	
Permit Number	ACT/007/035	Report Date 1/6/04	
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Pasture Sediment Pond	
	Impoundment Number	009	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.0 acre-feet Maximum Sediment Depth Elevation = 6485.5 Estimated Existing Sediment Elevation = 6484+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6490.6 Primary Drain Elevation = 6486.6</p>		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Pasture Pond
CERTIFIED REPORT	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes
COMMENTS AND OTHER INFORMATION	
Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson - Senior Project Manager</u></p> <p>Signature: <u><i>S. Carlson</i></u></p> <p>P.E. Number & State: <u>187727 - U</u></p>



Date: 1/6/04

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		CRT Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	New Coarse Refuse Toe Sediment Pond	
	Impoundment Number	012	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.6 acre-feet Maximum Sediment Depth Elevation = 6177.0 Estimated Existing Sediment Elevation = 6176+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6183.63 Primary Drain Elevation = 6178.2</p>		

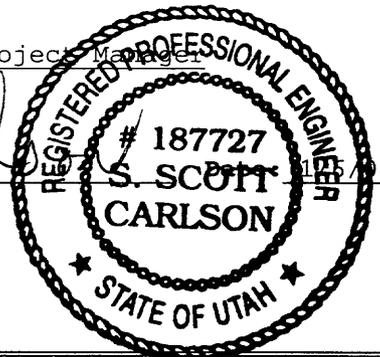
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

Certification Statement:	<p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson - Senior Project Manager</u></p> <p>Signature: <u><i>S. Carlson</i></u></p> <p>P.E. Number & State: <u>187727 - UT</u></p>
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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		COAL RUNOFF POND	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Coal Runoff Sediment Pond	
	Impoundment Number	014	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 1.5 acre feet Maximum Sediment Depth Elevation = 6476.0 Estimated Existing Sediment Elevation = 6474±</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6477.9 Emergency Spillway Elevation = 6479.0</p>		

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially empty.
 No discharge, inlet and outlet conditions are good.
 No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.
 No structure or stability problems observed.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature: _____



Date: 1/6/04

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

None

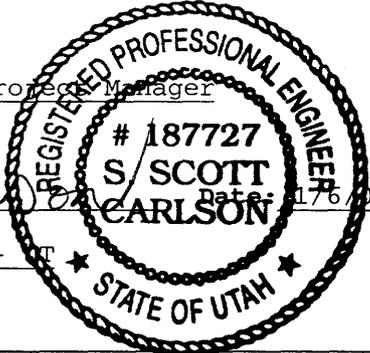
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Senior Project Manager
(Full Name and Title)

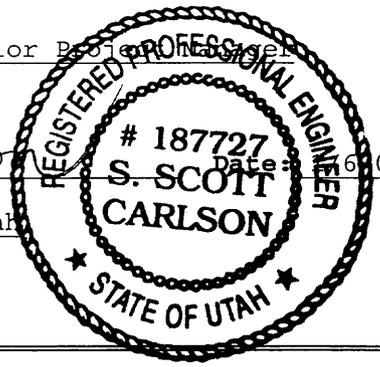
Signature: *S. Carlson*

P.E. Number & State: 187727 - UT



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Borrow Area Pond	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Borrow Area Pond	
	Impoundment Number	016	
	UPDES Permit Number	UT 024759	
	MSHA ID Number	N/A	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual Inspection 2003		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 8.3 acre-feet Maximum Sediment Depth Elevation = 6513.3 Estimated Existing Sediment Elevation = 6511+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6517.03 Primary Drain Elevation = 6514.3</p>		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Borrow Area Pond	
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		
none		
Certification Statement:	<p>I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.</p> <p>By: <u>S. Scott Carlson, P.E. Senior Designer</u></p> <p>Signature: <u><i>S. Scott Carlson</i></u></p> <p>P.E. Number & State: <u>187727 Utah</u></p>	



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Coarse Refuse Pile
Permit Number	ACT/007/035	Report Date 1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Coarse Refuse Pile
	Pile Number	N/A
	MSHA ID Number	1211-UT-09-02093-01
Inspection Date	December 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil.	
	N/A	
2.	Placement of underdrains and protective filter systems.	
	N/A	
3.	Installation of final surface drainage systems.	
	N/A	
4.	Placement and compaction of fill materials.	
	N/A	
	Removal of Coarse and fine Refuse Material Only	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

No smokers visible

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

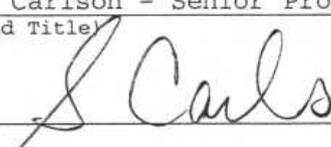
Waste Coal Removal

**Certification
Statement**

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Senior Project Manager
(Full Name and Title)

Signature: _____



P.E. Number & State: 187727 - UT





Coarse Refuse Pile – Looking North/Northwest

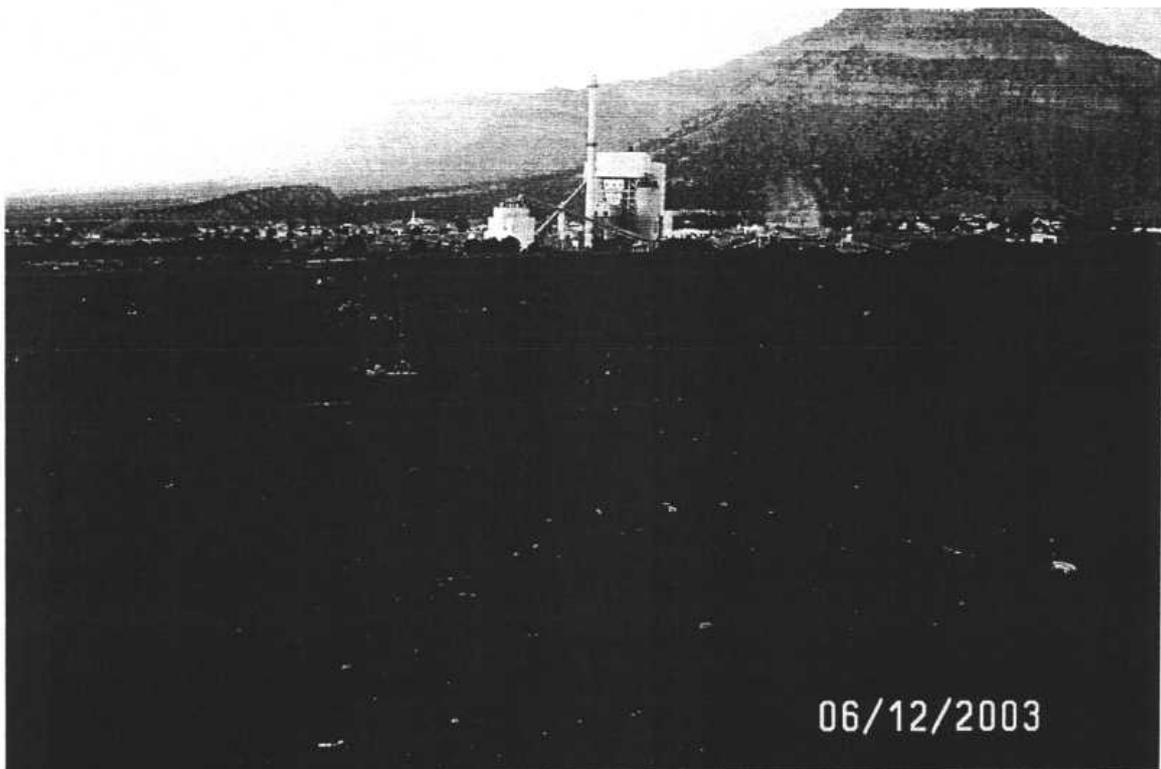


Coarse Refuse Pile – Looking North/Northeast



06/12/2003

Coarse Refuse Pile – Looking northeasterly



06/12/2003

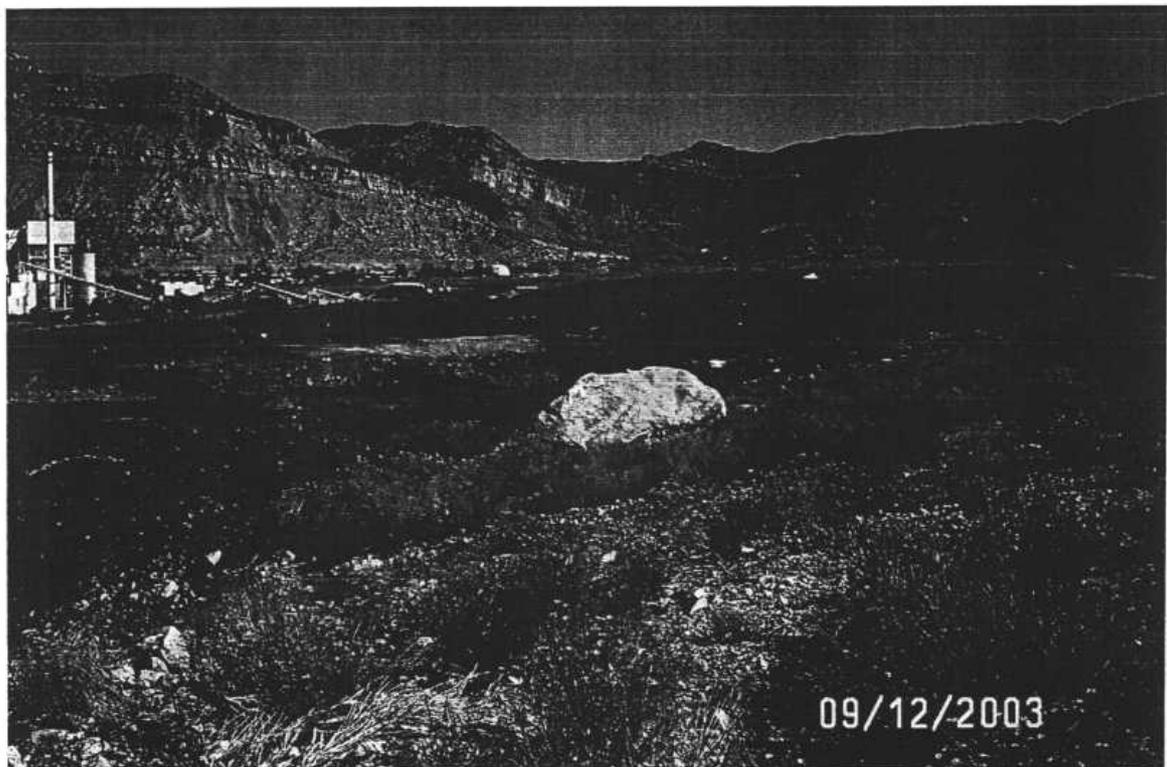
Coarse Refuse Pile – Looking northerly



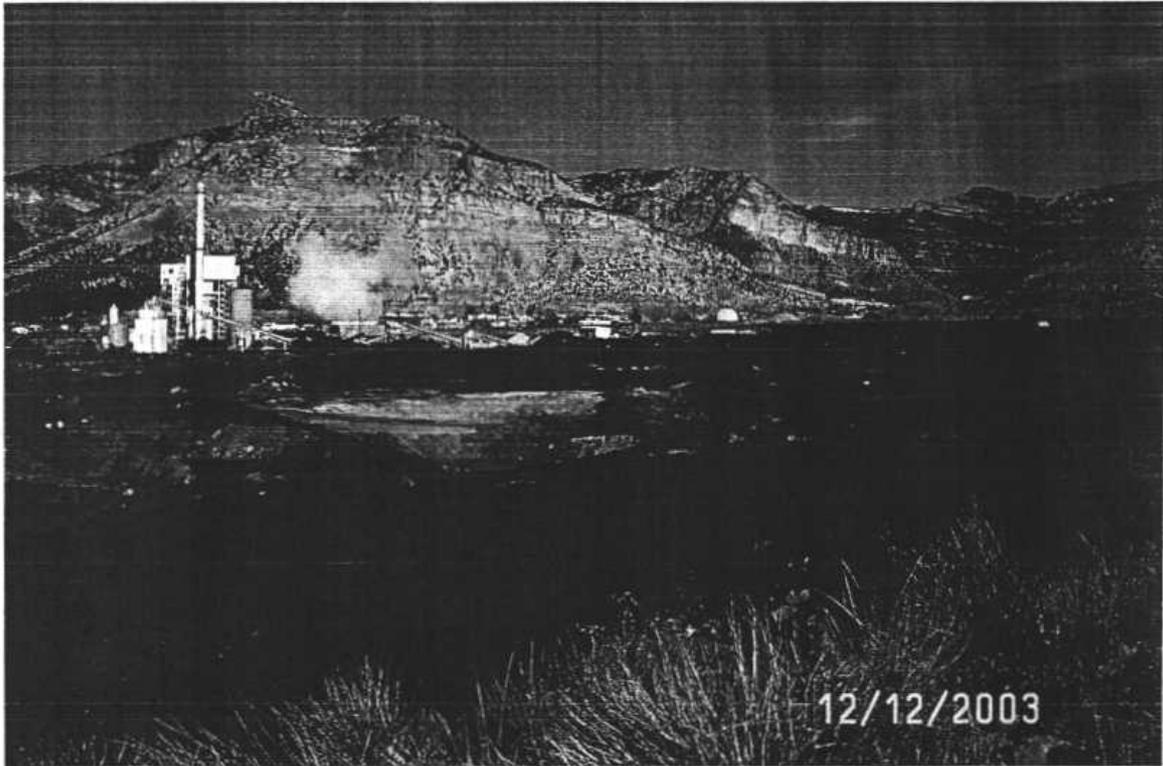
Coarse Refuse Pile – Looking northwesterly



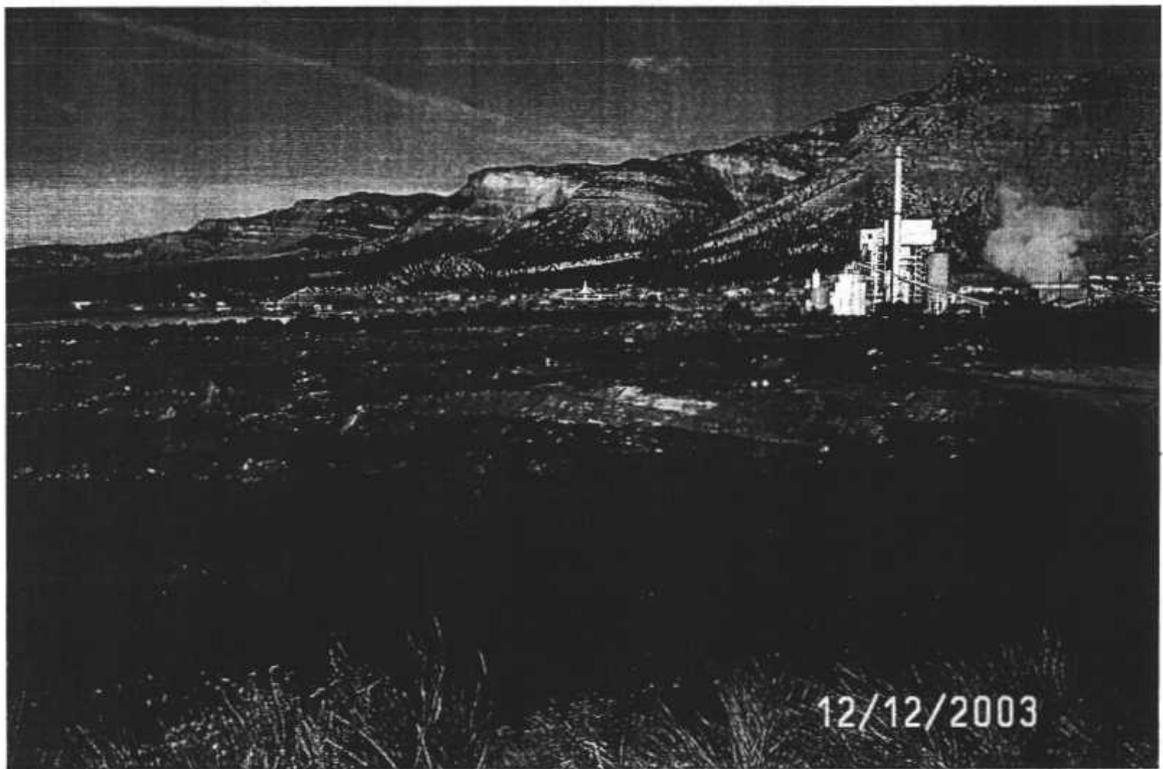
Coarse Refuse Pile, looking northwesterly



Coarse Refuse Pile, looking northeasterly



Coarse Refuse Pile – Looking north/northeast



Coarse Refuse Pile – Looking north



Coarse Refuse Pile – Looking north/northwest

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		East Slurry Cell	
Permit Number	ACT/007/035	Report Date	1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	East Slurry Cell	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	1211-UT-09-02093-02	
IMPOUNDMENT INSPECTION			
Inspection Date	December 12, 2003		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual Inspection 2003	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>NONE</p>			
Required for an impoundment which functions as a SEDIMENTATION POND	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Storage Capacity = 27+- acre-feet Maximum Sediment Depth Elevation = N/A Estimated Existing Sediment Elevation = N/A</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>N/A</p>		

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	East Slurry Cell	
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CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	

COMMENTS AND OTHER INFORMATION

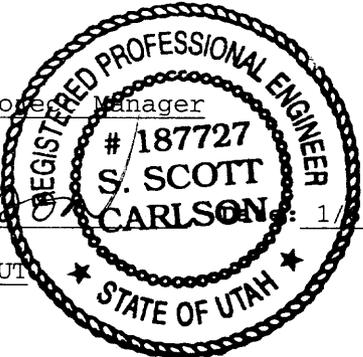
Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Senior Project Manager
 (Full Name and Title)

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 - UT



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #1
Permit Number	ACT/007/035	Report Date 1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	File Name:	Excess Spoil Disposal Area #1
	File Number	N/A
	MSHA ID Number	1211-UT-09-02093-04
Inspection Date	December 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual Inspection 2003	
Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
Field Evaluation		
1.	Foundation preparation, including the removal of all organic material and topsoil. N/A	
2.	Placement of underdrains and protective filter systems. N/A	
3.	Installation of final surface drainage systems. N/A	
4.	Placement and compaction of fill materials. Did not receive spoils material during this Quarter.	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

No Construction occurred during this quarter. Construction in previous quarters had been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

Certification Statement

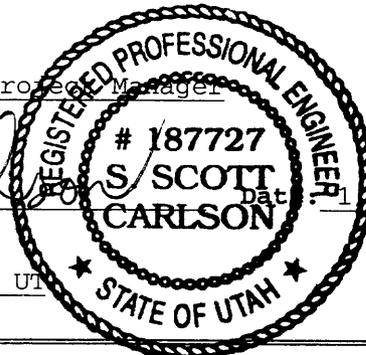
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson Senior Project Manager

(Full Name and Title)

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 - UT



INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Excess Spoil Pile #2
Permit Number	ACT/007/035	Report Date 1/6/04
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Excess Spoil Disposal Area #2
	Pile Number	N/A
	MSHA ID Number	1211-UT-09-02093-05
Inspection Date	December 12, 2003	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual Inspection 2003	
	Attachments to Report? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
Field Evaluation		
1.	<p>Foundation preparation, including the removal of all organic material and topsoil.</p> <p>Existing disturbed site. No topsoil removal is required by approved plan.</p>	
2.	<p>Placement of underdrains and protective filter systems.</p> <p>Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and storm water rerouted to other impoundments.</p>	
3.	<p>Installation of final surface drainage systems.</p> <p>N/A</p>	
4.	<p>Placement and compaction of fill materials.</p> <p>Placement and compaction of fill material continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan.</p> <p>Approximately 12841 tons of material were placed during the Year (1st qtr - 2800 tons, 2nd qtr - 1014 tons, 3rd qtr - 4615 tons, 4th qtr 4412 tons).</p>	

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be and are being filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site.

Certification Statement

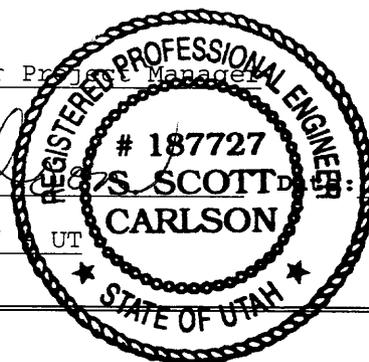
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Senior Project Manager

(Full Name and Title)

Signature: *S. Scott Carlson*

P.E. Number & State: 187727 UT



Date: 1/6/04



Excess Spoil Disposal Area #2 – Looking North



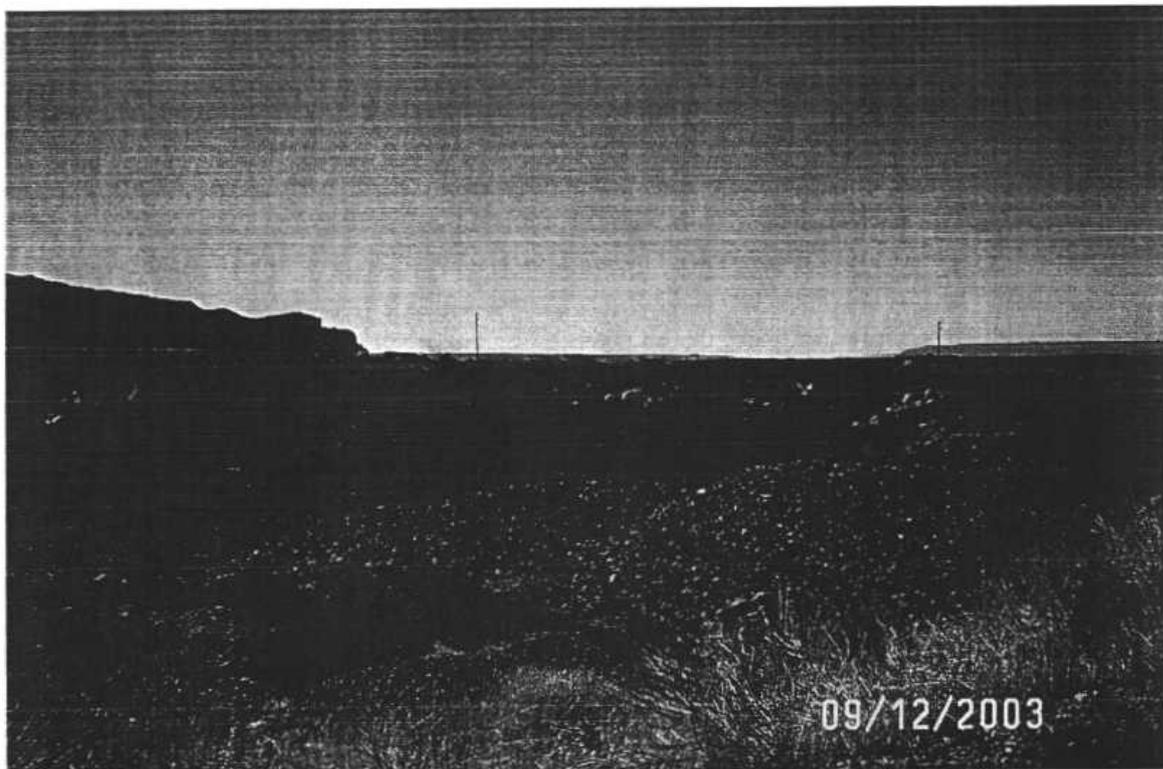
Excess Spoil Disposal Area #2 – Looking South



Excess Spoil Disposal Area #2 – North end looking southwesterly



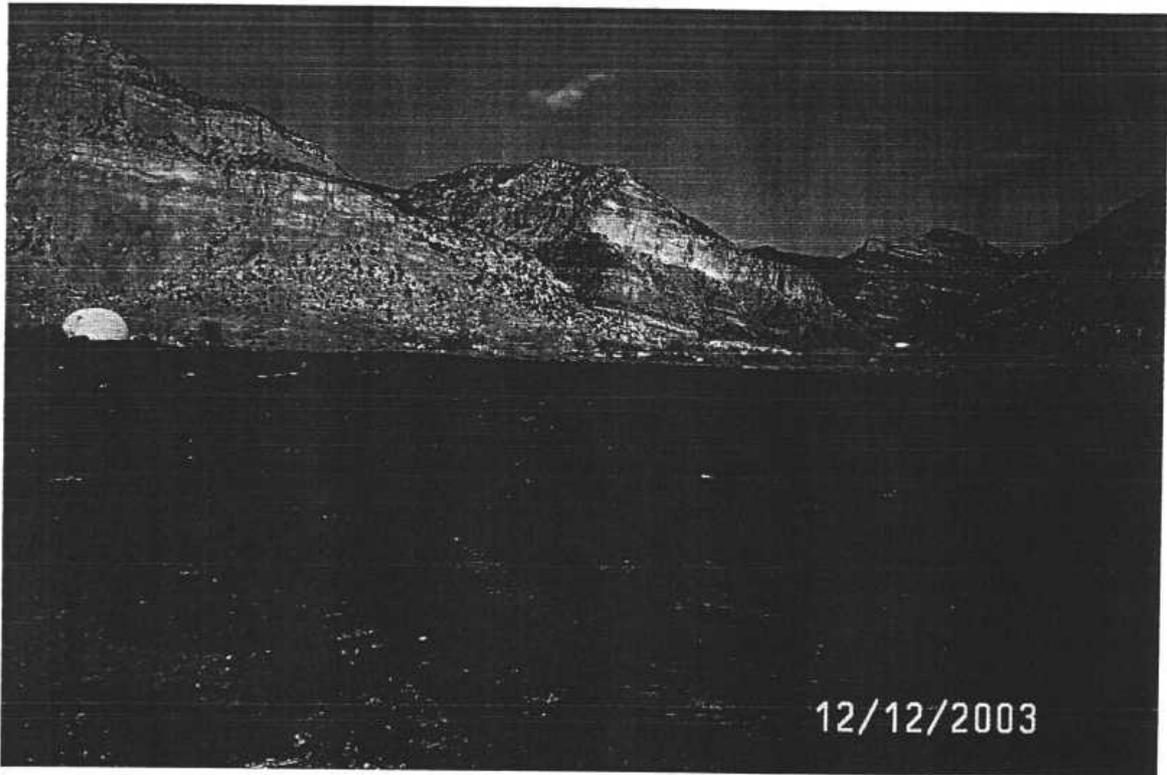
Excess Spoil Disposal Area #2 – North end looking southeasterly



Excess Spoil Area #2, Looking Southerly



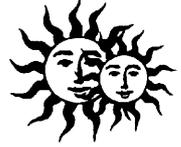
Excess Spoil Area #2, Looking Easterly



Excess Spoil Disposal Area # 2 – Looking Northerly



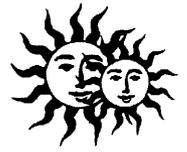
Excess Spoil Disposal Area # 2 – Looking Southerly



APPENDIX B-1 CLIMATOLOGICAL DATA

**SUNNYSIDE WEATHER STATION
2003 CLIMATOLOGICAL REPORT**

day	July max temp	July min temp	July precip	Aug max temp	Aug min temp	Aug precip	Sept max temp	Sept min temp	Sept precip	Oct max temp	Oct min temp	Oct precip	Nov max temp	Nov min temp	Nov precip	Dec max temp	Dec min temp	Dec precip
1				90	61		81	52		84	57		52	38		45	32	
2	91	55		90	54	0.3	78	52		65	49	0.08	49	27		55	28	
3	93	61		80	60	0.04	83	52		64	48	0.3	44	31	0.1	43	26	
4	96	62		84	58		84	55		62	47	0.22	37	16		47	23	
5	98	62		87	65		78	58	0.15	67	43		38	20		40	30	
6	99	64		89	57		67	52	trace		45		39	21		42	31	
7	93	63		75	59		77	45		71	47		44	25		43	31	
8	96	61		83	54		72	49		76	49		52	30	0.06	32	28	0.16
9	93	59		90	58		69	44		74	48		46	34		33	10	
10	97	60		93	63		65	45	0.22	71	49		45	35		30	12	
11	99	64		92	62	0.03	73	37		64	32		45	27		35	15	
12	102	67		92	62	0.07	73	37		69	39		47	28		36	16	
13	101	68		94	62		65	40		62	37		39	31	0.47	34	17	
14	100	67		98	66	0.27	65	35		62	32		44	31		32	22	
15	102	72		79	55		78	40		71	38		45	32	trace	30	16	
16	94	66		74	56	trace	84	51		76	47		38	33	trace	29	9	
17	94	64		84	52		62	59		77	48		38	32		33	10	
18	95	67		84	54		60	35		77	50		44	24		41	12	
19	96	68	0.03	89	55		68	40		74	46		45	24		45	22	
20	96	63		91	60		77	47		78	45		46	26		41	26	
21	96	64		89	64	0.47	79	45		83	52		50	24	trace	44	20	
22	98	67		84	56		80	48		79	51		24	19		40	8	trace
23	91	64		83	56	0.03	84	51		75	48		25	1		38		
24	92	61		84	56		85	49		65	38		26	9		39	22	
25	89	62		89	62		87	52		54	31		33	14		34	25	1.1
26	93	63					87	55		60	31		34	16		30	27	
27	95	69	0.66	89	58		87	56		68	38		30	10		22	2	
28				83	51		87	55		68	21		33	14		27	0	trace
29	86	62		84	49		86	56					32	19		18	4	
30	93	60	0.2	76	47	0.13	85	52		57	47		45	23		26	16	
31	89	61	0.18	79	48					54	28							
Total	2757	1846		2578	1720	1.34	2306	1444	0.37	2007	1281	0.6	1209	714	0.63	1084	540	1.26
AVG	95.07	63.66	1.07	85.93	57.33		76.87	48.13		69.21	42.70		40.30	23.80		36.13	18.62	
AVG DAILY	79.36			71.63			62.50			55.95			32.05			27.38		
AVERAGE HIGH TEMPERATURE				62.37														
AVERAGE LOW TEMPERATURE				38.31														
TOTAL PRECIPITATION FOR 2002				9.57														
AVERAGE MONTHLY PRECIPITATION				0.80														

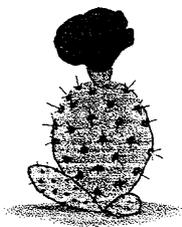


APPENDIX B-2 VEGETATION MONITORING

VEGETATION MONITORING
AT THE
SUNNYSIDE COGENERATION FACILITY

2003

RECLAIMED OLD COARSE REFUSE ROAD
AND THE
ATRIPLEX/GRASS REFERENCE AREA



Prepared by

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330 East 400 South, Suite 6
P.O. Box 337
Springville, Utah 84663
(801) 489-6937

Patrick D. Collins, Ph.D.

for

SUNNYSIDE COGENERATION ASSOCIATES
P.O. Box 10
East Carbon, Utah 84520

February 2004



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METHODS	2
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Reclaimed Road	4
Reference Area	4
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SUMMARY TABLES	7-13
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COLOR PHOTOGRAPHS OF THE STUDY AREAS	17-18
RAW DATA	Appendix

VEGETATION MONITORING
AT THE
SUNNYSIDE COGENERATION FACILITY
2003

INTRODUCTION

An old road has been reclaimed and seeded near the refuse pile at the Sunnyside Cogeneration Facility. To monitor the success of vegetation establishment, either quantitative or qualitative sampling of the revegetated road has been conducted during the growing seasons of 1996 through 2003. A reference area had been chosen at an earlier date to represent standards for revegetation success. This reference area was also sampled for comparisons during the same period as the reclaimed road in some of those years. This document provides the sampling results for the year 2003.

Like previous years' reports, a brief history is appropriate. Sunnyside Cogeneration Associates reclaimed an existing road on the south side of an old coarse refuse pile in the summer and fall of 1994. The work entailed regrading the road and reshaping the cut-and-fill areas to approximate the contours of the existing slopes. A seed mixture of native plant species (or approved introduced) to the area was then planted. The plant species used in the reclamation seed mixture are shown below.

PLANT SPECIES SEEDED

SHRUBS

Four-wing saltbush (*Atriplex canescens*)

Shadscale (*Atriplex confertifolia*)

Winterfat (*Ceratoides lanata*)

Gardner saltbush (*Atriplex gardneri*)

FORBS

Lewis Flax (*Linum lewisii*)

Yellow sweetclover (*Melilotus officinalis*)

Globemallow (*Sphaeralcea grossulariifolia*)

GRASSES

Thickspike wheatgrass (*Elymus lanceolatus*)

Western wheatgrass (*Elymus smithii*)

Needle-and-thread (*Stipa comata*)

Indian ricegrass (*Stipa hymenoides*)

Squirreltail (*Sitanion hystrix*)

Slender wheatgrass (*Elymus trachycaulus*)

METHODS

Sampling methods have remained consistent for all monitoring years. For this report, the reclaimed Old Coarse Refuse Road and Atriplex/Grass Reference Area were sampled on August 27, 2003. Transect lines for sampling were randomly placed for the length of the reclaimed road to adequately represent the area as a whole. From these transect lines, sample locations were chosen using random numbers at right angles to them.

Cover estimates were made using ocular methods with meter square quadrats. Species composition was also assessed from the quadrat data. Plant nomenclature follows "A Utah Flora" (Welsh et al. 1993).

Frequency was assessed for each plant species and expressed as the relative proportion of the number of times a given species was present in the quadrats.

Density estimates of woody plant species for the reclaimed road and reference area were made using a distance method called the point-quarter. In this method, random points were placed on the sample sites and measured into four quarters. The distances to the nearest woody plant species were then recorded in each quarter. The average point-to-individual distance was equal to the square root of the mean area per individual.

Sample adequacy for cover and density was attempted with the goal that 80% of the samples were within 10% of the true mean for the plant communities in the area. The following formula was used:

$$nMIN = \frac{t^2 s^2}{(dx)^2}$$

where,

<i>nMIN</i>	= minimum adequate sample
t	= appropriate confidence t-value
s	= standard deviation
x	= sample mean
d	= desired change from mean

Color photographs were taken of the sample areas and are included in this report. All sample means, standard deviations, and raw data were also included in this report. The raw data summarized on spreadsheets have been included in Appendix A of the report.

summarized on spreadsheets have been included in the Appendix of the report.

RESULTS

Reclaimed Road

Total living cover of the reclaimed road was estimated to be 48.38% (Table 1). Shrubs (48.97%) and grasses (51.03%) were the dominant lifeform represented in the living cover (Table 1). No forbs were present in the sample quadrats in 2003. The plant species with the most cover were cheatgrass (*Bromus tectorum*) and four-wing saltbush (*Atriplex canescens*). For a complete list of species by cover refer to Table 2.

Woody species density was estimated to be 4,531 plants per acre (Table 3) and was dominated by four-wing saltbush and shadscale (*Atriplex confertifolia*). The reclaimed road also had a significant amount of winterfat (*Ceratoides lanata*) and mat saltbush (*Atriplex corrugata*). Figures 4 through 7 show color photographs of the study areas.

Reference Area

The Atriplex/Grass community chosen to represent standards for the success of final revegetation was also sampled for comparisons. Total living cover for the reference area was estimated at 36.10% (Table 4). This area was again dominated by grasses (73.34%), followed by shrubs (21.88%), then forbs (4.79%) in the quadrats.

values at 11.93% and 73.33%, respectively. The dominant shrub was shadscale and represented 6.73% cover and was found in 60.00% of the quadrats. For a list of the plant species by cover and frequency refer to Table 5.

Woody species density was estimated at 2,461 plants per acre, most of which was shadscale (Table 6).

DISCUSSION

A statistical comparison for cover and woody species density for the reclaimed road and the reference area is shown on Table 7. This comparison suggests that in 2003 living cover and woody species density was significantly higher for the reclaimed road when compared to the standard for revegetation success (reference area).

As mentioned in the Introduction of this document, vegetation sampling has been conducted on these sites since the reclamation and revegetation occurred in 1994. Quantitative sampling was done in 1996, 1997, 1999 and 2003. Graphs have been provided that compare total living cover, composition and woody species density over time. One can observe some clear trends. For living cover (Figure 1) and woody species density (Figure 3), the trend clearly shows an increase over time (woody species density has leveled off by 2003). The lifeform composition graph (Figure 2) also shows upward trends for grasses and shrubs, but at the expense of forbs. This may not be as negative as one might first assume. A closer look at the data shows that most of the forbs in 1996

were “weedy” exotics (i.e. *Kochia scoparia*) and the introduced species called yellow sweet clover (*Melilotus officinalis*) – both of which decreased appreciably by 1999. In 2003, no forbs were present in the sample quadrats. Actually, over time lifeform composition appears to be approaching the proportions of the reference area, or the area chosen to be a standard for final revegetation success.

On the whole, there seems to be a trend towards decrease species diversity, partly due to the decrease in forbs (mostly weeds), but also due in-part to a decrease in some shrub and grass species. Interestingly, rubber rabbitbrush (*Chrysothamnus nauseosus*) has increased each year until it comprised nearly 5% cover by 1999, but it was not even present in quadrats in 2003. The weedy grass species, cheatgrass, has increased each year by over 200%, and in 2003 there was no exception to this trend. There was also an increase of this species in the reference area, so perhaps this increase is a function of the 5-year drought in this area.

When most of the parameters for revegetation at the Sunnyside Cogeneration Facility are considered, the area appears to be progressing in a positive direction when compared to its reference area.

TABLE 1: Total cover and composition summary for the reclaimed Old Coarse Refuse Road at the Sunnyside Cogeneration Facility (2003).

TOTAL COVER	% MEAN COVER	STANDARD DEVIATION	SAMPLE SIZE
Living Cover	48.38	13.85	40
Litter	7.13	2.93	40
Bareground	19.25	9.46	40
Rock	25.25	12.75	40
COMPOSITION			
Shrubs	48.97	24.15	40
Forbs	0.00	0.00	40
Grasses	51.03	24.15	40

TABLE 2: Species cover and frequency summary for the reclaimed Old Coarse Refuse Road at the Sunnyside Cogeneration Facility (2003).

SPECIES	% MEAN COVER	STANDARD DEVIATION	SAMPLE SIZE	RELATIVE FREQUENCY
TREES & SHRUBS				
<i>Atriplex canescens</i>	17.70	16.06	40	77.50
<i>Atriplex confertifolia</i>	3.63	9.24	40	22.50
<i>Atriplex corrugata</i>	1.70	5.40	40	15.00
<i>Ceratoides lanata</i>	2.00	5.45	40	17.50
FORBS				
GRASSES				
<i>Bromus tectorum</i>	18.10	9.07	40	97.50
<i>Elymus lanceolatus</i>	1.13	2.88	40	17.50
<i>Elymus smithii</i>	2.83	6.96	40	22.50
<i>Stipa hymenoides</i>	1.30	3.56	40	12.50

TABLE 3: Woody species densities of the reclaimed Old Coarse Refuse Road at the Sunnyside Cogeneration Facility (2003).

	NUMBER/ACRE
<i>Atriplex canescens</i>	2322.39
<i>Atriplex confertifolia</i>	1104.55
<i>Atriplex corrugata</i>	509.79
<i>Atriplex gardneri</i>	28.32
<i>Ceratoides lanata</i>	566.44
TOTAL	<u>4531.49</u>

TABLE 4: Total cover and composition summary for the Atriplex/Grass Reference Area at the Sunnyside Cogeneration Facility (2003).

TOTAL COVER	% MEAN COVER	STANDARD DEVIATION	SAMPLE SIZE
Living Cover	36.10	14.19	30
Litter	8.23	4.26	30
Bareground	14.23	8.75	30
Rock	41.43	16.31	30
 COMPOSITION			
Shrubs	21.88	21.27	30
Forbs	4.79	11.07	30
Grasses	73.34	24.63	30

TABLE 5: Species cover and frequency summary for the Atriplex/Grass Reference Area at the Sunnyside Cogeneration Facility (2003).

SPECIES	% MEAN COVER	STANDARD DEVIATION	SAMPLE SIZE	RELATIVE FREQUENCY
TREES & SHRUBS				
<i>Atriplex confertifolia</i>	6.73	7.11	30	60.00
<i>Atriplex gardneri</i>	0.73	2.29	30	10.00
<i>Gutierrezia sarothrae</i>	0.13	0.50	30	6.67
FORBS				
Aster sp.	0.23	1.26	30	3.33
Lappula occidentalis	0.53	1.41	30	13.33
Machaeranthera canescens	0.50	2.69	30	3.33
Salsola pestifer	0.03	0.18	30	3.33
Stephanomeria runcinata	0.10	0.54	30	3.33
GRASSES				
<i>Bromus tectorum</i>	10.77	10.84	30	73.33
<i>Elymus salinus</i>	11.93	9.38	30	73.33
<i>Hilaria jamesii</i>	0.77	3.23	30	6.67
<i>Stipa hymenoides</i>	3.63	6.92	30	30.00

TABLE 6: Woody species densities of the Atriplex/Grass Reference Area at the Sunnyside Cogeneration Facility (2003).

	NUMBER/ACRE
<i>Amelanchier utahensis</i>	20.51
<i>Atriplex confertifolia</i>	2133.24
<i>Atriplex gardneri</i>	184.61
<i>Chrysothamnus viscidiflorus</i>	20.51
<i>Ephedra viridis</i>	61.54
<i>Eriogonum corymbosum</i>	20.51
<i>Gutierrezia sarothrae</i>	<u>20.51</u>
TOTAL	<u>2461.43</u>

TABLE 7: Statistical summary sheet for the reclaimed road and reference areas at the Sunnyside Cogeneration Facility (2003).

RECLAIMED ROAD			
Total Living Cover*	\bar{x} =48.38	s=13.85	n=40
Density	\bar{x} =4531.49	s=2643.11	n=40
REFERENCE AREA			
Total Living Cover*	\bar{x} =36.10	s=14.19	n=30
Density	\bar{x} =2461.43	s=1626.43	n=30

STATISTICAL ANALYSES			
Total Living Cover	t=3.633	df=68	SL=p<.005
Density	t=3.782	df=68	SL=p<.005

\bar{x} = sample mean, s = sample standard deviation, n = sample size,
 NS = nonsignificant, t = Student's t-value, df = degrees of freedom,
 SL = significance level, p = probability level

FIGURE 1: Total living cover comparisons for the Reclaimed Road at the Sunnyside Cogeneration Facility (1996, 1997, 1999, 2003).

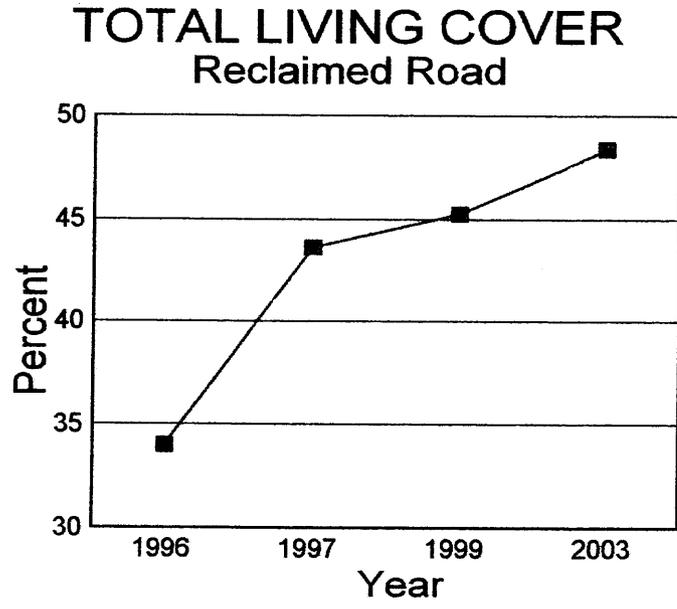


FIGURE 2: Composition comparisons for the Reclaimed Road at the Sunnyside Cogeneration Facility (1996, 1997, 1999, 2003).

LIFEFORM COMPOSITION Reclaimed Road

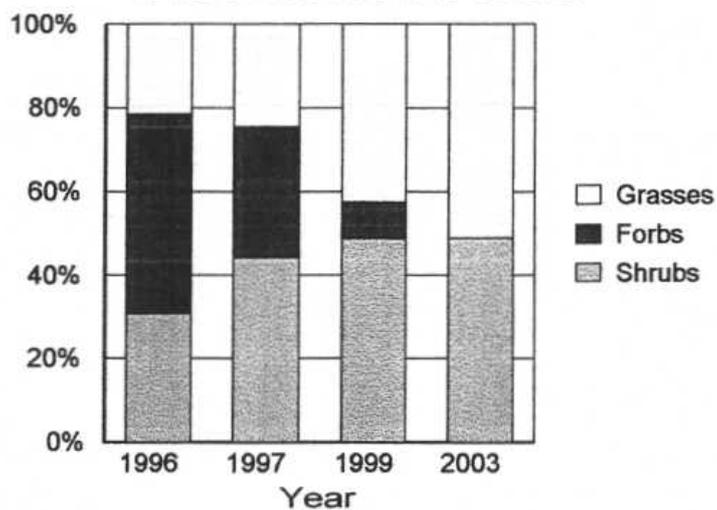
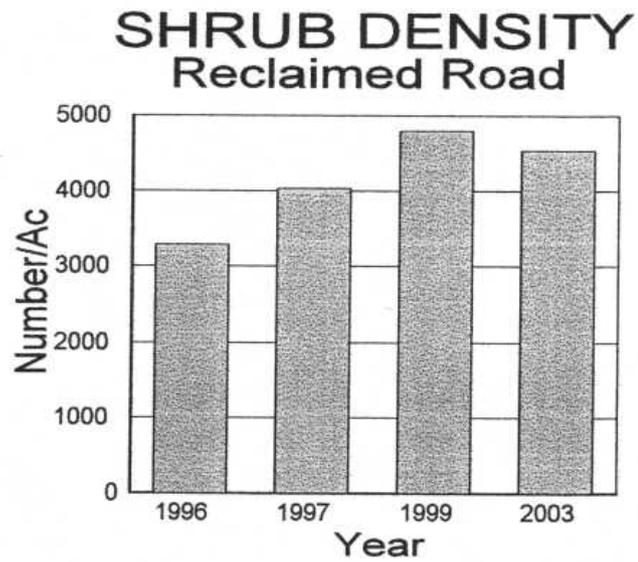


FIGURE 3: Woody species density comparisons for the Reclaimed Road at the Sunnyside Cogeneration Facility (1996, 1997, 1999, 2003).



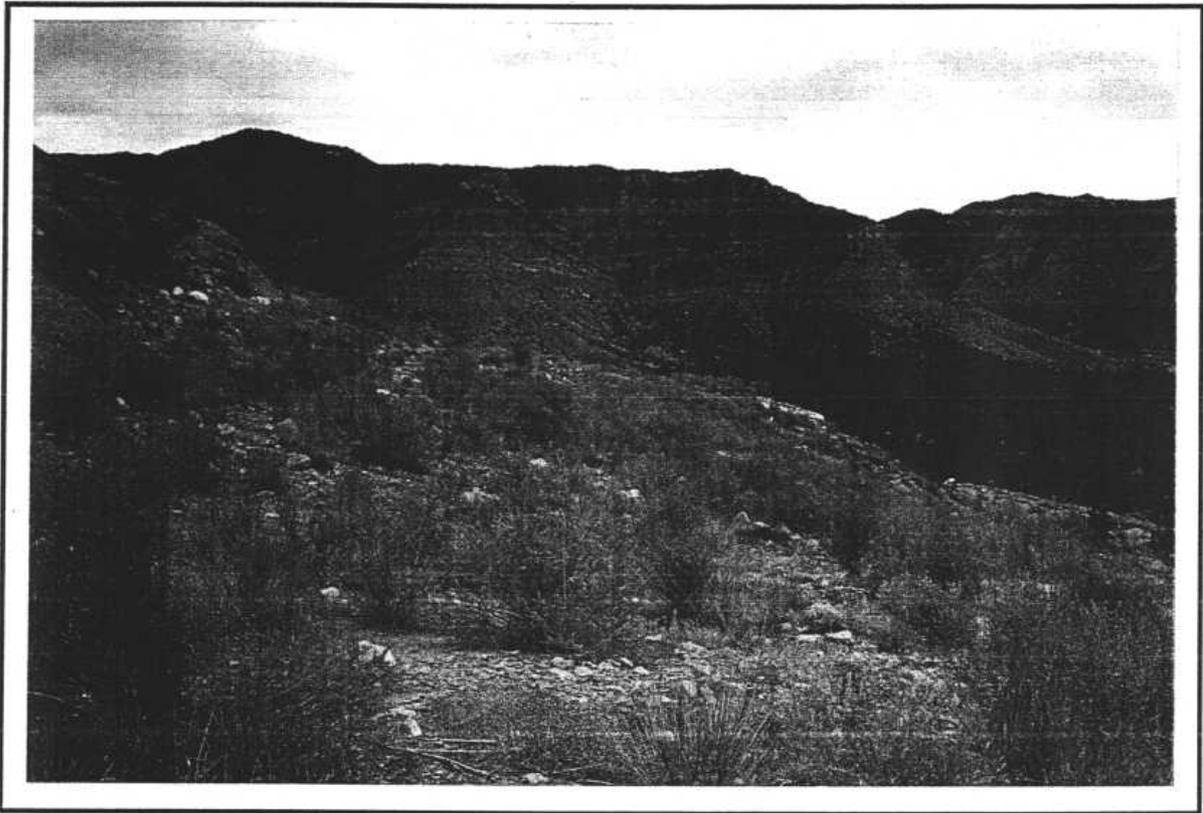


Figure 4: Reclaimed Road (1 of 2)

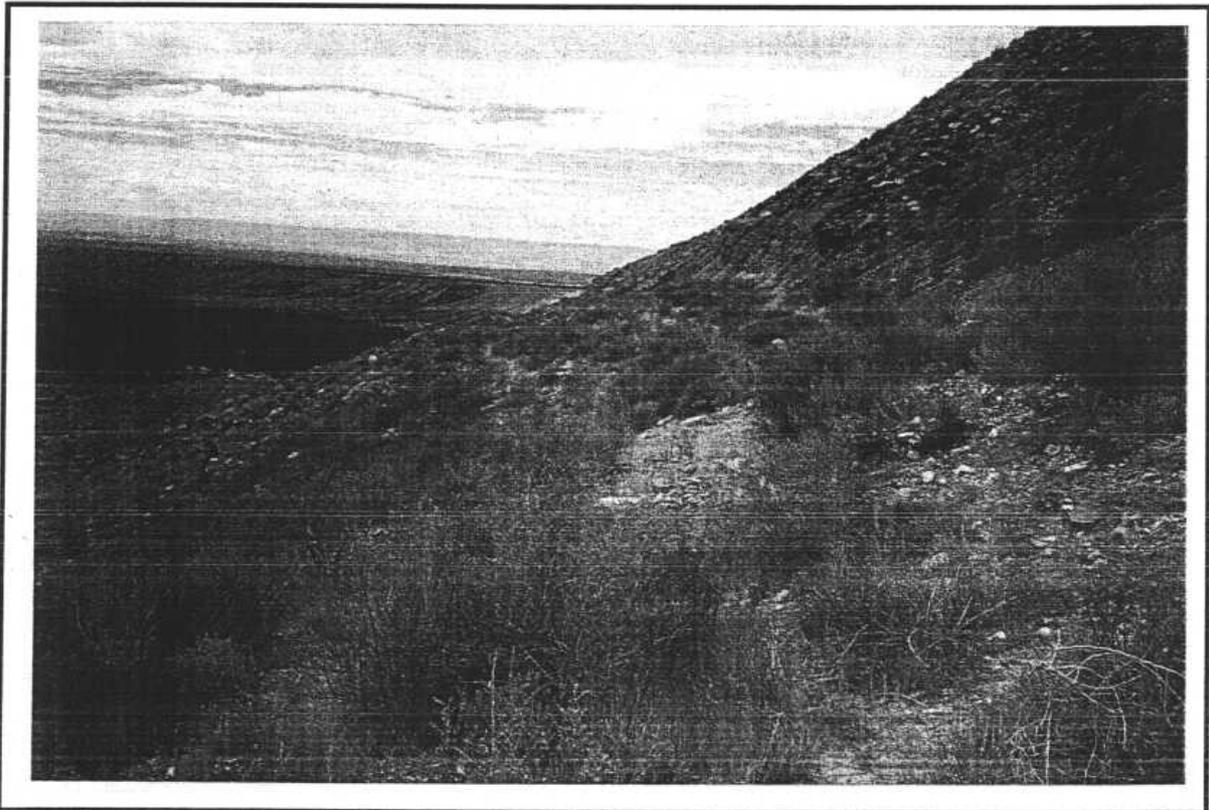


Figure 5: Reclaimed Road (2 of 2)



Figure 6: Reference Area Road (1 of 2)

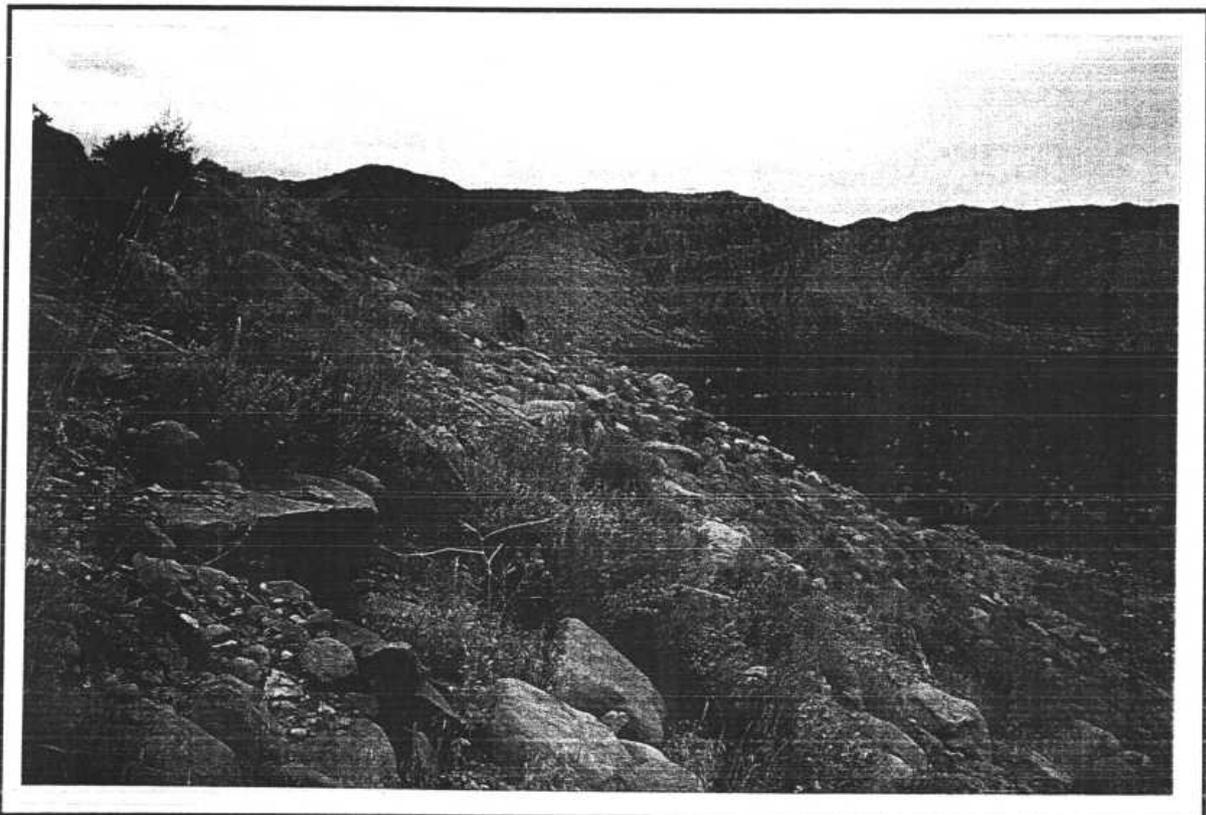


Figure 7: Reference Area (2 of 2)

APPENDIX A

(Raw Data)

SUNNYSIDE CO - GEN

Reclaimed Road

Reveg Atriplex

Exposure: S

Slope: 3 - 30 deg

Sample Date: 27 Aug 03

	1.00	2.00	3.00	4.00	5.00	6.00	7.00
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TREES & SHRUBS

<i>Atriplex canescens</i>	15.00	15.00	30.00	10.00	20.00	10.00	15.00
<i>Atriplex confertifolia</i>	25.00	10.00	0.00	0.00	30.00	0.00	0.00
<i>Atriplex corrugata</i>	10.00	0.00	0.00	0.00	0.00	0.00	5.00
<i>Ceratoides lanata</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FORBS

GRASSES

<i>Bromus tectorum</i>	0.00	5.00	20.00	45.00	15.00	20.00	10.00
<i>Elymus lanceolatus</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Elymus smithii</i>	0.00	0.00	0.00	0.00	0.00	5.00	0.00
<i>Stipa hymenoides</i>	0.00	10.00	0.00	0.00	0.00	0.00	15.00

COVER

Total Living Cover	50.00	40.00	50.00	55.00	65.00	35.00	45.00
Litter	10.00	5.00	5.00	15.00	10.00	10.00	10.00
Bareground	20.00	15.00	15.00	15.00	10.00	20.00	10.00
Rock	20.00	40.00	30.00	15.00	15.00	35.00	35.00

% COMPOSITION

Shrubs	100.00	62.50	60.00	18.18	76.92	28.57	44.44
Forbs	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grasses	0.00	37.50	40.00	81.82	23.08	71.43	55.56

8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00
10.00	20.00	27.00	0.00	20.00	7.00	5.00	40.00	7.00	40.00
0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	13.00	0.00
0.00	15.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

15.00	20.00	5.00	5.00	5.00	20.00	25.00	25.00	10.00	10.00
0.00	5.00	3.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	5.00	0.00	0.00	0.00	28.00	25.00	0.00	0.00	0.00
10.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00

45.00	65.00	35.00	40.00	35.00	60.00	55.00	65.00	30.00	50.00
10.00	5.00	5.00	5.00	5.00	10.00	15.00	10.00	10.00	10.00
25.00	25.00	10.00	25.00	20.00	15.00	25.00	5.00	20.00	15.00
20.00	5.00	50.00	30.00	40.00	15.00	5.00	20.00	40.00	25.00

33.33	53.85	77.14	75.00	57.14	20.00	9.09	61.54	66.67	80.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
66.67	46.15	22.86	25.00	42.86	80.00	90.91	38.46	33.33	20.00

18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00	27.00
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45.00	35.00	8.00	0.00	0.00	55.00	5.00	0.00	30.00	27.00
0.00	0.00	0.00	0.00	45.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	25.00	0.00	0.00	0.00	20.00	0.00	0.00

20.00	25.00	20.00	25.00	20.00	30.00	20.00	15.00	15.00	18.00
0.00	0.00	7.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

65.00	60.00	35.00	50.00	65.00	85.00	30.00	35.00	45.00	45.00
5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	10.00
15.00	20.00	25.00	10.00	5.00	5.00	10.00	25.00	25.00	20.00
15.00	15.00	35.00	35.00	25.00	5.00	55.00	35.00	25.00	25.00

69.23	58.33	22.86	50.00	69.23	64.71	16.67	57.14	66.67	60.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.77	41.67	77.14	50.00	30.77	35.29	83.33	42.86	33.33	40.00

28.00	29.00	30.00	31.00	32.00	33.00	34.00	35.00	36.00	37.00
50.00	0.00	15.00	30.00	0.00	20.00	0.00	55.00	7.00	0.00
0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	5.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00
0.00	0.00	0.00	5.00	15.00	0.00	5.00	5.00	0.00	0.00

25.00	30.00	25.00	20.00	20.00	25.00	33.00	5.00	23.00	10.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00

75.00	30.00	40.00	60.00	35.00	45.00	45.00	70.00	30.00	35.00
10.00	5.00	5.00	5.00	5.00	10.00	5.00	10.00	5.00	5.00
5.00	50.00	15.00	25.00	25.00	35.00	20.00	15.00	25.00	25.00
10.00	15.00	40.00	10.00	35.00	10.00	30.00	5.00	40.00	35.00

66.67	0.00	37.50	66.67	42.86	44.44	11.11	92.86	23.33	14.29
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33.33	100.00	62.50	33.33	57.14	55.56	88.89	7.14	76.67	85.71

SUNNYSIDE CO - GEN

Reclaimed Road

Reveg Atriplex

Exposure: S

Slope: 3 - 30 deg

Sample Date: 27 Aug 03

38.00	39.00	40.00	Mean	SDev	Freq	
0.00	15.00	20.00	17.70	16.06	77.50	TREES & SHRUBS
7.00	0.00	0.00	3.63	9.24	22.50	<i>Atriplex canescens</i>
3.00	0.00	0.00	1.70	5.40	15.00	<i>Atriplex confertifolia</i>
0.00	0.00	0.00	2.00	5.45		<i>Atriplex corrugata</i>
						<i>Ceratoides lanata</i>

FORBS

10.00	10.00	25.00	18.10	9.07	97.50	GRASSES
5.00	0.00	0.00	1.13	2.88	17.50	<i>Bromus tectorum</i>
5.00	25.00	10.00	2.83	6.96	22.50	<i>Elymus lanceolatus</i>
0.00	0.00	0.00	1.30	3.56	12.50	<i>Elymus smithii</i>
						<i>Stipa hymenoides</i>

30.00	50.00	55.00	48.38	13.85		COVER
5.00	5.00	5.00	7.13	2.93		Total Living Cover
40.00	30.00	10.00	19.25	9.46		Litter
25.00	15.00	30.00	25.25	12.75		Bareground
						Rock
33.33	30.00	36.36	48.97	24.15		% COMPOSITION
0.00	0.00	0.00	0.00	0.00		Shrubs
66.67	70.00	63.64	51.03	24.15		Forbs
						Grasses

SUNNYSIDE CO - GEN

Reference Area

Atriplex/Grass

Exposure: SW

Slope: 38 deg.

Sample Date: 27 Aug 03

1.00 2.00 3.00 4.00 5.00 6.00 7.00

TREES & SHRUBS

<i>Atriplex confertifolia</i>	10.00	26.00	5.00	5.00	7.00	0.00	15.00
<i>Atriplex gardneri</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Gutierrezia sarothrae</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

FORBS

<i>Aster sp.</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Lappula occidentalis</i>	0.00	0.00	0.00	0.00	3.00	0.00	5.00
<i>Machaeranthera canescens</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Salsola pestifer</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Stephanomeria runcinata</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GRASSES

<i>Bromus tectorum</i>	0.00	1.00	6.00	20.00	0.00	0.00	15.00
<i>Elymus salinus</i>	15.00	0.00	25.00	5.00	25.00	15.00	0.00
<i>Hilaria jamesii</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Stipa hymenoides</i>	0.00	0.00	0.00	0.00	0.00	0.00	5.00

COVER

Total Living Cover	25.00	27.00	36.00	30.00	35.00	15.00	40.00
Litter	5.00	5.00	10.00	5.00	5.00	5.00	10.00
Bareground	15.00	38.00	4.00	5.00	10.00	45.00	15.00
Rock	55.00	30.00	50.00	60.00	50.00	35.00	35.00

% COMPOSITION

Shrubs	40.00	96.30	13.89	16.67	20.00	0.00	37.50
Forbs	0.00	0.00	0.00	0.00	8.57	0.00	12.50
Grasses	60.00	3.70	86.11	83.33	71.43	100.00	50.00

8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00
15.00	0.00	0.00	0.00	0.00	10.00	10.00	5.00	10.00	15.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00
1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00

0.00	20.00	0.00	0.00	0.00	5.00	5.00	25.00	20.00	0.00
0.00	25.00	13.00	25.00	0.00	0.00	30.00	20.00	15.00	15.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.00	0.00	0.00	0.00	25.00	0.00	10.00	0.00	0.00	10.00

25.00	45.00	13.00	25.00	35.00	30.00	55.00	50.00	45.00	40.00
5.00	5.00	5.00	10.00	10.00	5.00	10.00	15.00	15.00	20.00
15.00	10.00	7.00	10.00	10.00	10.00	5.00	10.00	20.00	20.00
55.00	40.00	75.00	55.00	45.00	55.00	30.00	25.00	20.00	20.00

60.00	0.00	0.00	0.00	0.00	33.33	18.18	10.00	22.22	37.50
4.00	0.00	0.00	0.00	28.57	50.00	0.00	0.00	0.00	0.00
36.00	100.00	100.00	100.00	71.43	16.67	81.82	90.00	77.78	62.50

18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00	27.00
15.00	15.00	0.00	0.00	0.00	7.00	0.00	2.00	0.00	10.00
0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	10.00	0.00
0.00	0.00	0.00	2.00	0.00	0.00	2.00	0.00	0.00	0.00

0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	5.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

15.00	40.00	23.00	5.00	15.00	10.00	8.00	5.00	5.00	35.00
15.00	10.00	7.00	5.00	20.00	0.00	13.00	0.00	5.00	15.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00

45.00	65.00	30.00	15.00	35.00	17.00	30.00	25.00	25.00	65.00
5.00	15.00	10.00	5.00	10.00	2.00	5.00	5.00	10.00	5.00
10.00	10.00	10.00	25.00	15.00	8.00	15.00	15.00	20.00	15.00
40.00	10.00	50.00	55.00	40.00	73.00	50.00	55.00	45.00	15.00

33.33	23.08	0.00	13.33	0.00	41.18	30.00	8.00	40.00	15.38
0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	20.00	0.00
66.67	76.92	100.00	66.67	100.00	58.82	70.00	92.00	40.00	84.62

SUNNYSIDE CO - GEN
 Reference Area
 Atriplex/Grass
 Exposure: SW
 Slope: 38 deg.
 Sample Date: 27 Aug 03

28.00	29.00	30.00	Mean	SDev	Freq	
						TREES & SHRUBS
20.00	0.00	0.00	6.73	7.11	60.00	<i>Atriplex confertifolia</i>
0.00	5.00	0.00	0.73	2.29	10.00	<i>Atriplex gardneri</i>
0.00	0.00	0.00	0.13	0.50	6.67	<i>Gutierrezia sarothrae</i>
						FORBS
0.00	0.00	0.00	0.23	1.26	3.33	<i>Aster sp.</i>
0.00	0.00	0.00	0.53	1.41	13.33	<i>Lappula occidentalis</i>
0.00	0.00	0.00	0.50	2.69	3.33	<i>Machaeranthera canescens</i>
0.00	0.00	0.00	0.03	0.18	3.33	<i>Salsola pestifer</i>
0.00	0.00	0.00	0.10	0.54	3.33	<i>Stephanomeria runcinata</i>
						GRASSES
5.00	20.00	20.00	10.77	10.84	73.33	<i>Bromus tectorum</i>
20.00	0.00	20.00	11.93	9.38	73.33	<i>Elymus salinus</i>
5.00	0.00	0.00	0.77	3.32	6.67	<i>Hilaria jamesii</i>
5.00	25.00	15.00	3.63	6.92	30.00	<i>Stipa hymenoides</i>
						COVER
55.00	50.00	55.00	36.10	14.19		Total Living Cover
5.00	10.00	15.00	8.23	4.26		Litter
10.00	15.00	10.00	14.23	8.75		Bareground
30.00	25.00	20.00	41.43	16.31		Rock
						% COMPOSITION
36.36	10.00	0.00	21.88	21.27		Shrubs
0.00	0.00	0.00	4.79	11.07		Forbs
63.64	90.00	100.00	73.34	24.63		Grasses



Old Coarse Refuse Road Reclamation (looking north)



Old Coarse Refuse Road Reclamation (looking north)



Borrow area and topsoil piles (looking North East)



Borrow area and topsoil piles (looking East)



Borrow area and topsoil piles (looking East-Southeast)



Borrow area and topsoil piles (looking Southeast)



East Bank of East Slurry Cell - Interim Revegetation (looking west)



South Bank of East Slurry Cell - Interim Revegetation (looking north)



South Bank of East Slurry Cell - Interim Revegetation (looking north)



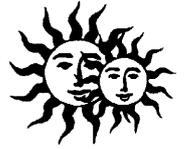
South Bank of East Slurry Cell - Interim Revegetation (looking north)



Access Road Topsoil Pile (looking south)



Access Road Topsoil Pile (looking East)

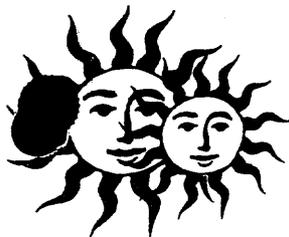


APPENDIX B-3 WATER MONITORING



**APPENDIX B-3
WATER MONITORING**

FIRST QUARTER



Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

April 7, 2003

Division of Oil, Gas & Mining
STATE OF UTAH
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Att: Ms. Pam Grubaugh-Littig

Subject: Quarterly Sampling Report
Monitoring Period: January, February, March, 2003
DOGM Operational Water Monitoring

Dear Pam:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz at (435) 888-4476.

Sincerely,

Agent For
Sunnyside Cogeneration Associates

Randy J. Scott
Plant Manager

c.c. Carl Houskeeper/Division of Oil, Gas & Mining
Rusty Netz, COSI
Plant File

TABLE 2

Sunnyside Cogeneration Facility Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: First Quarter 2003
Samples taken March 11, 2003

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelanders Creek	ICE-1	NW/F	NW/F	NW/F	NW/F	NW/F	NW/F
Columbia Dugway Spring	F-2	506	8.37	1578	8.3	15	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	6.7	8.17	4770	8.5	10	2
Dragerton Well	Well-1	9.1	7.55	1391	8.1	150	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

na - no flow

NW- no water present

NW/F- no water present frozen

nd - data is not available due to lack of discharge

1 - Flow rates were measured using a weir.

2 - Flow rates were measured using a calibrated container and stopwatch method.

3 - Flow rates were measured using the floating debris method.

4 - Flow rates were measured using a meter



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908*



Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436
www.comteco.com

March 27, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID:CRB

Kind of sample Water
reported to us

RECEIVED 1200
SAMPLED 0930
FIELD MEASUREMENTS

Sample taken at Sunnyside Cogeneration

Sample taken by Rusty Net

Date sampled March 11, 2003

NOTES:
DIS.METALS
FILTERED @ LAB

Date received March 12, 2003

Page 1 of 1

Analysis report no. 59-25022

Parameter	Result	MRL	Units	Method	Analyzed		
					Date/Time	Analyst	
Alkalinity, Bicarbonate	410	5	mg/l as HCO ₃	EPA 310.1	03-17-2003	0830	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	03-17-2003	0830	JJ
Alkalinity, Total	336	5	mg/l as CaCO ₃	EPA 310.1	03-17-2003	0830	JJ
Calcium, Dissolved	436.000	0.05	mg/l	EPA 200.7	03-21-2003	1545	BLP
Chloride	118	0.5	mg/l	EPA 300.0	03-14-2003	1447	JJ
Conductivity	5220	----	umhos/cm	SM2510-B	03-14-2003	0810	JJ
Hardness, Total	2418	----	mg/l as CaCO ₃	SM2340-B	03-27-2003	1545	SJ
Iron, Total	0.422	0.02	mg/l	EPA 200.7	03-24-2003	1530	BLP
Iron, Dissolved	<0.005	0.005	mg/l	EPA 200.7	03-26-2003	1500	DI
Magnesium, Dissolved	323.000	0.02	mg/l	EPA 200.7	03-21-2003	1545	BLP
Manganese, Total	0.098	0.005	mg/l	EPA 200.7	03-24-2003	1530	BLP
Manganese, Dissolved	0.009	0.005	mg/l	EPA 200.7	03-26-2003	1500	DI
Oil & Grease	<2	2	mg/l	EPA 413.1	03-18-2003	0845	JJ
Potassium, Dissolved	25.300	0.5	mg/l	EPA 200.7	03-21-2003	1545	BLP
Sodium, Dissolved	499.000	0.1	mg/l	EPA 200.7	03-21-2003	1545	BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	03-12-2003	1450	DI
Solids, Total Dissolved	5162	10	mg/l	EPA 160.1	03-17-2003	0845	AB
Solids, Total Suspended	17	5	mg/l	EPA 160.2	03-17-2003	0845	AB
Sulfate	3088	0.5	mg/l	EPA 300.0	03-14-2003	1447	JJ

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory





COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306

SINCE 1908*



Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436
www.comteco.com

March 27, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID:F-2

Kind of sample Water
reported to us

RECEIVED 1200
SAMPLED 1045
FIELD MEASUREMENTS

Sample taken at Sunnyside Cogeneration

Sample taken by Rusty Net

Date sampled March 11, 2003

NOTES:
DIS.METALS
FILTERED @ LAB

Date received March 12, 2003

Page 1 of 1

Analysis report no. 59-25023

Parameter	Result	MRL	Units	Method	Analyzed		
					Date/Time	Analyst	
Alkalinity, Bicarbonate	529	5	mg/l as HCO ₃	EPA 310.1	03-17-2003 0830	JJ	
Alkalinity, Carbonate	6	5	mg/l as CO ₃	EPA 310.1	03-17-2003 0830	JJ	
Alkalinity, Total	444	5	mg/l as CaCO ₃	EPA 310.1	03-17-2003 0830	JJ	
Calcium, Dissolved	88.900	0.05	mg/l	EPA 200.7	03-21-2003 1545	BLP	
Chloride	31	0.5	mg/l	EPA 300.0	03-14-2003 1447	JJ	
Conductivity	1754	----	umhos/cm	SM2510-B	03-14-2003 0810	JJ	
Hardness, Total	630	----	mg/l as CaCO ₃	SM2340-B	03-27-2003 1545	SJ	
Iron, Total	0.517	0.02	mg/l	EPA 200.7	03-24-2003 1530	BLP	
Iron, Dissolved	<0.005	0.005	mg/l	EPA 200.7	03-26-2003 1500	DI	
Magnesium, Dissolved	99.000	0.02	mg/l	EPA 200.7	03-21-2003 1545	BLP	
Manganese, Total	0.034	0.005	mg/l	EPA 200.7	03-24-2003 1530	BLP	
Manganese, Dissolved	0.020	0.005	mg/l	EPA 200.7	03-26-2003 1500	DI	
Oil & Grease	<2	2	mg/l	EPA 413.1	03-18-2003 0845	JJ	
Potassium, Dissolved	3.530	0.5	mg/l	EPA 200.7	03-21-2003 1545	BLP	
Sodium, Dissolved	175.000	0.1	mg/l	EPA 200.7	03-21-2003 1545	BLP	
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	03-12-2003 1450	DI	
Solids, Total Dissolved	1219	10	mg/l	EPA 160.1	03-17-2003 0845	AB	
Solids, Total Suspended	6	5	mg/l	EPA 160.2	03-17-2003 0845	AB	
Sulfate	537	0.5	mg/l	EPA 300.0	03-14-2003 1447	JJ	

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306



Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436
www.comteco.com

March 26, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID: Well #1

Kind of sample Water
reported to us

RECEIVED 1200
SAMPLED 0900
FIELD MEASUREMENTS

Sample taken at Sunnyside Cogeneration

Sample taken by Rusty Net

Date sampled March 11, 2003

NOTES:
DIS. METALS
FILTERED @ LAB

Date received March 12, 2003

Page 1 of 1

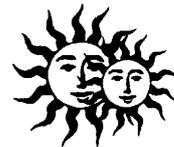
Analysis report no. 59-25021

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Alkalinity, Bicarbonate	442	5	mg/l as HCO ₃	EPA 310.1	03-17-2003 0830	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	03-17-2003 0830	JJ
Alkalinity, Total	363	5	mg/l as CaCO ₃	EPA 310.1	03-17-2003 0830	JJ
Calcium, Dissolved	62.200	0.05	mg/l	EPA 200.7	03-21-2003 1545	BLP
Chloride	67	0.5	mg/l	EPA 300.0	03-14-2003 1447	JJ
Conductivity	1528	----	umhos/cm	SM2510-B	03-14-2003 0810	JJ
Hardness, Total	542	----	mg/l as CaCO ₃	SM2340-B	03-26-2003 0700	SJ
Iron, Total	0.259	0.02	mg/l	EPA 200.7	03-24-2003 1530	BLP
Iron, Dissolved	<0.005	0.005	mg/l	EPA 200.7	03-21-2003 1545	BLP
Magnesium, Dissolved	93.900	0.02	mg/l	EPA 200.7	03-21-2003 1545	BLP
Manganese, Total	0.005	0.005	mg/l	EPA 200.7	03-24-2003 1530	BLP
Manganese, Dissolved	0.005	0.005	mg/l	EPA 200.7	03-21-2003 1545	BLP
Oil & Grease	<2	2	mg/l	EPA 413.1	03-18-2003 0845	JJ
Potassium, Dissolved	2.360	0.5	mg/l	EPA 200.7	03-21-2003 1545	BLP
Sodium, Dissolved	126.000	0.1	mg/l	EPA 200.7	03-21-2003 1545	BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	03-12-2003 1450	DI
Solids, Total Dissolved	991	10	mg/l	EPA 160.1	03-17-2003 0845	AB
Solids, Total Suspended	<5	5	mg/l	EPA 160.2	03-17-2003 0845	AB
Sulfate	383	0.5	mg/l	EPA 300.0	03-14-2003 1447	JJ

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

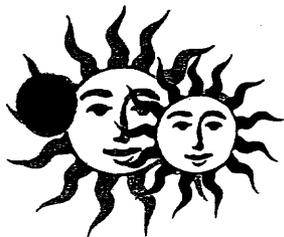
Huntington Laboratory





**APPENDIX B-3
WATER MONITORING**

SECOND QUARTER



Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

July 15, 2003

Division of Oil, Gas & Mining
STATE OF UTAH
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Att: Ms. Pam Grubaugh-Littig

Subject: Quarterly Sampling Report
Monitoring Period: April, May, June, 2003
DOGM Operational Water Monitoring

Dear Pam:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz at (435) 888-4476.

Sincerely,

Agent For
Sunnyside Cogeneration Associates

Randy J. Scott
Plant Manager

c.c. Karl Houskeeper/Division of Oil, Gas & Mining
Rusty Netz, COSI
Plant File

TABLE 2

Sunnyside Cogeneration Facility Sunnyside, Utah

Field Parameter Data

DOG M Permit Boundry Water Quality Monitoring Plan
Monitoring Period: Second Quarter 2003
Samples taken June 11, 2003

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelander Creek	ICE-1	NW/F	NW/F	NW/F	NW/F	NW/F	NW/F
Columbia Dugway Spring	F-2	13.8	8.23	1632	8	10	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	15.6	8.07	4980	7.8	5	2
Dragerton Well	Well-1	15.5	7.54	1434	8.1	125	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

na - no flow

NW- no water present

NW/F- no water present frozen

nd - data is not available due to lack of discharge

1- Flow rates were measured using a weir.

2 - Flow rates were measured using a calibrated container and stopwatch method.

3 - Flow rates were measured using the floating debris method.

4 - Flow rates were measured using a meter



ADDRESS ALL CORRESPONDENCE TO:
 COMMERCIAL TESTING & ENGINEERING CO.
 P.O. BOX 1020
 HUNTINGTON, UT 84528
 TEL: (435) 653-2311
 FAX: (435) 653-2436

July 3, 2003

Sunnyside Cogeneration Assoc.
 P.O. Box 10
 East Carbon Utah 84520

Sample identification by
 Sunnyside Cogeneration Assoc.

ID:F-2

Kind of sample Water
 reported to us

RECEIVED 1200
 SAMPLED 0900

Sample taken at Sunnyside Cogeneration

FIELD MEASUREMENTS
 FLOW 10 TEMP 13.8
 COND 1632 pH 8.23
 D.O. 8.0

Sample taken by R. Net

NOTES:
 DIS.METALS
 FILTERED @ LAB

Date sampled June 11, 2003

Date received June 12, 2003

Page 1 of 1

Analysis report no. 59-25281

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Alkalinity, Bicarbonate	577	5	mg/l as HCO ₃	EPA 310.1	06-16-2003 0815	JJ
Alkalinity, Carbonate	6	5	mg/l as CO ₃	EPA 310.1	06-16-2003 0815	JJ
Alkalinity, Total	483	5	mg/l as CaCO ₃	EPA 310.1	06-16-2003 0815	JJ
Anions	21.6	----	meq/l	-----	07-03-2003 1120	BLP
Calcium, Dissolved	92.100	0.05	mg/l	EPA 200.7	06-19-2003 1330	BLP
Cations	20.9	----	meq/l	-----	07-03-2003 1130	BLP
Chloride	36	0.5	mg/l	EPA 300.0	07-02-2003 0900	JJ
Conductivity	1769	----	umhos/cm	SM2510-B	06-18-2003 0740	JJ
Hardness, Total	646	----	mg/l as CaCO ₃	SM2340-B	07-03-2003 1130	BLP
Iron, Total	0.497	0.02	mg/l	EPA 200.7	06-18-2003 1000	BLP
Iron, Dissolved	0.005	0.005	mg/l	EPA 200.7	06-19-2003 1330	BLP
Magnesium, Dissolved	101.000	0.02	mg/l	EPA 200.7	06-19-2003 1330	BLP
Manganese, Total	0.055	0.005	mg/l	EPA 200.7	06-18-2003 1000	BLP
Manganese, Dissolved	0.045	0.005	mg/l	EPA 200.7	06-19-2003 1330	BLP
Oil & Grease	<2	2	mg/l	EPA 413.1	06-17-2003 0730	JJ
Potassium, Dissolved	2.970	0.5	mg/l	EPA 200.7	06-19-2003 1330	BLP
Sodium, Dissolved	183.000	0.1	mg/l	EPA 200.7	06-19-2003 1330	BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	06-12-2003 1530	DI
Solids, Total Dissolved	1255	10	mg/l	EPA 160.1	06-18-2003 0115	AB
Solids, Total Suspended	3	5	mg/l	EPA 160.2	06-18-2003 0115	AB
Sulfate	524	0.5	mg/l	EPA 300.0	07-02-2003 0900	JJ
Cation/Anion Balance	-1.5	----	%		07-03-2003 1130	BLP



Respectfully submitted,
 COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory



ADDRESS ALL CORRESPONDENCE TO:
 COMMERCIAL TESTING & ENGINEERING CO.
 P.O. BOX 1020
 HUNTINGTON, UT 84528
 TEL: (435) 653-2311
 FAX: (435) 653-2436

June 23, 2003

Sunnyside Cogeneration Assoc.
 P.O. Box 10
 East Carbon Utah 84520

Sample identification by
 Sunnyside Cogeneration Assoc.

ID: Well #1

Kind of sample Water
 reported to us

RECEIVED 1200
 SAMPLED 0830

Sample taken at Sunnyside Cogeneration

FIELD MEASUREMENTS
 FLOW 125 TEMP 15.5
 COND 1434 pH 7.54
 D.O. 8.1

Sample taken by R. Net

NOTES:
 DIS METALS
 FILTERED @ LAB

Date sampled June 11, 2003

Date received June 12, 2003

Page 1 of 1

Analysis report no. 59-25280

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time/Analyst	
Alkalinity, Bicarbonate	456	5	mg/l as HCO ₃	EPA 310.1	06-16-2003 0815	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	06-16-2003 0815	JJ
Alkalinity, Total	374	5	mg/l as CaCO ₃	EPA 310.1	06-16-2003 0815	JJ
Anions	17.7	----	meq/l	-----	06-23-2003 0900	SJ
Calcium, Dissolved	64.900	0.05	mg/l	EPA 200.7	06-19-2003 1330	BLP
Cations	17.1	----	meq/l	-----	06-23-2003 0900	SJ
Chloride	75	0.5	mg/l	EPA 300.0	06-13-2003 0800	BLP
Conductivity	1516	----	umhos/cm	SM2510-B	06-18-2003 0740	JJ
Hardness, Total	578	----	mg/l as CaCO ₃	SM2340-B	06-23-2003 0900	SJ
Iron, Total	0.074	0.02	mg/l	EPA 200.7	06-18-2003 1000	BLP
Iron, Dissolved	<0.005	0.005	mg/l	EPA 200.7	06-19-2003 1330	BLP
Magnesium, Dissolved	101.000	0.02	mg/l	EPA 200.7	06-19-2003 1330	BLP
Manganese, Total	<0.005	0.005	mg/l	EPA 200.7	06-18-2003 1000	BLP
Manganese, Dissolved	<0.005	0.005	mg/l	EPA 200.7	06-19-2003 1330	BLP
Oil & Grease	<2	2	mg/l	EPA 413.1	06-17-2003 0730	JJ
Potassium, Dissolved	2.190	0.5	mg/l	EPA 200.7	06-19-2003 1330	BLP
Sodium, Dissolved	127.000	0.1	mg/l	EPA 200.7	06-19-2003 1330	BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	06-12-2003 1530	DI
Solids, Total Dissolved	1014	10	mg/l	EPA 160.1	06-18-2003 0115	AB
Solids, Total Suspended	<5	5	mg/l	EPA 160.2	06-18-2003 0115	AB
Sulfate	391	0.5	mg/l	EPA 300.0	06-13-2003 0800	BLP
Cation/Anion Balance	-1.7	----	%		06-23-2003 0900	SJ



Respectfully submitted,
 COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory



ADDRESS ALL CORRESPONDENCE TO:
 COMMERCIAL TESTING & ENGINEERING CO.
 P.O. BOX 1020
 HUNTINGTON, UT 84528
 TEL: (435) 653-2311
 FAX: (435) 653-2436

June 23, 2003

Sunnyside Cogeneration Assoc.
 P.O. Box 10
 East Carbon Utah 84520

Sample identification by
 Sunnyside Cogeneration Assoc.

ID:CRB

Kind of sample Water
 reported to us

RECEIVED 1200
 SAMPLED 1000

FIELD MEASUREMENTS

Sample taken at Sunnyside Cogeneration

FLOW 5.0 TEMP 15.6
 COND 4980 pH 8.07
 D.O. 7.8

Sample taken by R. Net

NOTES:
 DIS.METALS
 FILTERED @ LAB

Date sampled June 11, 2003

Date received June 12, 2003

Page 1 of 1

Analysis report no. 59-25282

Parameter	Result	MRL	Units	Method	Analyzed		
					Date/Time	Analyst	
Alkalinity, Bicarbonate	406	5	mg/l as HCO ₃	EPA 310.1	06-16-2003	0815	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	06-16-2003	0815	JJ
Alkalinity, Total	333	5	mg/l as CaCO ₃	EPA 310.1	06-16-2003	0815	JJ
Anions	82.6	----	meq/l	-----	06-23-2003	0900	SJ
Calcium, Dissolved	469.000	0.05	mg/l	EPA 200.7	06-19-2003	1330	BLP
Cations	77.2	----	meq/l	-----	06-23-2003	0900	SJ
Chloride	138	0.5	mg/l	EPA 300.0	06-13-2003	0800	BLP
Conductivity	5520	----	umhos/cm	SM2510-B	06-18-2003	0740	JJ
Hardness, Total	2666	----	mg/l as CaCO ₃	SM2340-B	06-23-2003	0900	SJ
Iron, Total	0.108	0.02	mg/l	EPA 200.7	06-18-2003	1000	BLP
Iron, Dissolved	<0.025	0.005	mg/l	EPA 200.7	06-19-2003	1330	BLP
Magnesium, Dissolved	363.000	0.02	mg/l	EPA 200.7	06-19-2003	1330	BLP
Manganese, Total	0.060	0.005	mg/l	EPA 200.7	06-18-2003	1000	BLP
Manganese, Dissolved	0.026	0.005	mg/l	EPA 200.7	06-19-2003	1330	BLP
Oil & Grease	<2	2	mg/l	EPA 413.1	06-17-2003	0730	JJ
Potassium, Dissolved	25.800	0.5	mg/l	EPA 200.7	06-19-2003	1330	BLP
Sodium, Dissolved	536.000	0.1	mg/l	EPA 200.7	06-19-2003	1330	BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	06-12-2003	1530	DI
Solids, Total Dissolved	5525	10	mg/l	EPA 160.1	06-18-2003	0115	AB
Solids, Total Suspended	3	5	mg/l	EPA 160.2	06-18-2003	0115	AB
Sulfate	3460	0.5	mg/l	EPA 300.0	06-13-2003	0800	BLP
Cation/Anion Balance	-3.3	----	%		06-23-2003	0900	SJ



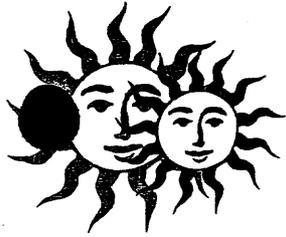
Respectfully submitted,
 COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory



**APPENDIX B-3
WATER MONITORING**

THIRD QUARTER



Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

October 13, 2003

Division of Oil, Gas & Mining
STATE OF UTAH
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Att: Ms. Pam Grubaugh-Littig

Subject: Quarterly Sampling Report
Monitoring Period: July, August, September 2003
DOGM Operational Water Monitoring

Dear Pam:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz at (435) 888-4476.

Sincerely,

Agent For
Sunnyside Cogeneration Associates

Randy J. Scott
Plant Manager

c.c. Karl Houskeeper/Division of Oil, Gas & Mining
Rusty Netz, COSI
Plant File

TABLE 2

Sunnyside Cogeneration Facility Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: Second Quarter 2003
Samples taken September 9, 2003

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelander Creek	ICE-1	NW/F	NW/F	NW/F	NW/F	NW/F	NW/F
Columbia Dugway Spring	F-2	12.3	8.4	2500	7.8	3	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	13.2	8.6	5560	7.5	4	2
Dragerton Well	Well-1	NW/F	NW/F	NW/F	NW/F	NW/F	NW/F
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

na - no flow

NW- no water present

NW/F- no water present frozen

nd - data is not available due to lack of discharge

1- Flow rates were measured using a weir.

2 - Flow rates were measured using a calibrated container and stopwatch method.

3 - Flow rates were measured using the floating debris method.

4 - Flow rates were measured using a meter



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306



Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

September 19, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID:CRB

Kind of sample Water
reported to us

RECEIVED 1130
SAMPLED 1000
FIELD MEASUREMENTS

Sample taken at Sunnyside Cogeneration

Sample taken by Rusty Net

Date sampled September 9, 2003

NOTES:
DIS.METALS
FILTERED @ LAB

Date received September 10, 2003

Page 1 of 1

Analysis report no. 59-25639

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Alkalinity, Bicarbonate	433	5	mg/l as HCO ₃	EPA 310.1	09-18-2003 0800	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	09-18-2003 0800	JJ
Alkalinity, Total	355	5	mg/l as CaCO ₃	EPA 310.1	09-18-2003 0800	JJ
Anions	91.6	----	meq/l	-----	09-19-2003 0815	SJ
Calcium, Dissolved	470.000	0.05	mg/l	EPA 200.7	09-17-2003 1607	DI
Cations	82.6	----	meq/l	-----	09-19-2003 0815	SJ
Chloride	162	1.0	mg/l	EPA 300.0	09-15-2003 1408	JJ
Conductivity	5800	----	umhos/cm	SM2510-B	09-12-2003 0725	JJ
Hardness, Total	2824	----	mg/l as CaCO ₃	SM2340-B	09-19-2003 0815	SJ
Iron, Total	0.098	0.02	mg/l	EPA 200.7	09-17-2003 1118	DI
Iron, Dissolved	<0.005	0.005	mg/l	EPA 200.7	09-17-2003 1607	DI
Magnesium, Dissolved	401.000	0.02	mg/l	EPA 200.7	09-17-2003 1607	DI
Manganese, Total	0.047	0.005	mg/l	EPA 200.7	09-17-2003 1118	DI
Manganese, Dissolved	0.042	0.005	mg/l	EPA 200.7	09-17-2003 1607	DI
Oil & Grease	<2	2	mg/l	EPA 413.1	09-17-2003 0800	JJ
Potassium, Dissolved	30.400	0.5	mg/l	EPA 200.7	09-17-2003 1607	DI
Sodium, Dissolved	584.000	0.1	mg/l	EPA 200.7	09-17-2003 1607	DI
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	09-10-2003 1300	JJ
Solids, Total Dissolved	5803	30	mg/l	EPA 160.1	09-12-2003 0900	JJ
Solids, Total Suspended	<5	5	mg/l	EPA 160.2	09-13-2003 0900	JJ
Sulfate	3838	1.0	mg/l	EPA 300.0	09-15-2003 1408	JJ
Cation/Anion Balance	-5.1	----	%		09-19-2003 0815	SJ

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory





COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306



Member of the SGS Group (Société Générale de Surveillance)

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436

September 19, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID:F-2

Kind of sample Water
reported to us

RECEIVED 1130
SAMPLED 0900
FIELD MEASUREMENTS

Sample taken at Sunnyside Cogeneration

Sample taken by Rusty Net

Date sampled September 9, 2003

NOTES:
DIS.METALS
FILTERED @ LAB

Date received September 10, 2003

Page 1 of 1

Analysis report no. 59-25638

Parameter	Result	MRL	Units	Method	Analyzed	
					Date/Time	Analyst
Alkalinity, Bicarbonate	730	5	mg/l as HCO ₃	EPA 310.1	09-18-2003 0800	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	09-18-2003 0800	JJ
Alkalinity, Total	598	5	mg/l as CaCO ₃	EPA 310.1	09-18-2003 0800	JJ
Anions	27.3	----	meq/l	-----	09-19-2003 0815	SJ
Calcium, Dissolved	102.000	0.05	mg/l	EPA 200.7	09-17-2003 1607	DI
Cations	25.6	----	meq/l	-----	09-19-2003 0815	SJ
Chloride	48	1.0	mg/l	EPA 300.0	09-15-2003 1408	JJ
Conductivity	2110	----	umhos/cm	SM2510-B	09-12-2003 0725	JJ
Hardness, Total	786	----	mg/l as CaCO ₃	SM2340-B	09-19-2003 0815	SJ
Iron, Total	1.310	0.02	mg/l	EPA 200.7	09-17-2003 1118	DI
Iron, Dissolved	<0.005	0.005	mg/l	EPA 200.7	09-17-2003 1607	DI
Magnesium, Dissolved	129.000	0.02	mg/l	EPA 200.7	09-17-2003 1607	DI
Manganese, Total	0.104	0.005	mg/l	EPA 200.7	09-17-2003 1118	DI
Manganese, Dissolved	0.079	0.005	mg/l	EPA 200.7	09-17-2003 1607	DI
Oil & Grease	<2	2	mg/l	EPA 413.1	09-17-2003 0800	JJ
Potassium, Dissolved	3.690	0.5	mg/l	EPA 200.7	09-17-2003 1607	DI
Sodium, Dissolved	225.000	0.1	mg/l	EPA 200.7	09-17-2003 1607	DI
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	09-10-2003 1300	JJ
Solids, Total Dissolved	1508	30	mg/l	EPA 160.1	09-12-2003 0900	JJ
Solids, Total Suspended	10	5	mg/l	EPA 160.2	09-13-2003 0900	JJ
Sulfate	670	1.0	mg/l	EPA 300.0	09-15-2003 1408	JJ
Cation/Anion Balance	-3.2	----	%		09-19-2003 0815	SJ

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

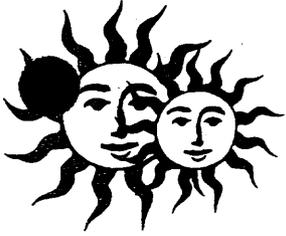
Huntington Laboratory





**APPENDIX B-3
WATER MONITORING**

FOURTH QUARTER



Sunnyside Cogeneration Associates

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

January 13, 2004

Division of Oil, Gas & Mining
STATE OF UTAH
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Att: Ms. Pam Grubaugh-Littig

Subject: Quarterly Sampling Report
Monitoring Period: October, November, December 2003
DOGM Operational Water Monitoring

Dear Pam:

This letter is to confirm that the quarterly baseline water sampling data and the UPDES DMR data, have been submitted to the DOGM EDI web site. The data is correct and ready to be processed.

Should you have any questions, please contact Rusty Netz at (435) 888-4476.

Sincerely,

Agent For
Sunnyside Cogeneration Associates

Randy J. Scott
Plant Manager

c.c. Karl Houskeeper/Division of Oil, Gas & Mining
Rusty Netz, COSI
Plant File

TABLE 2

Sunnyside Cogeneration Facility Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: Fourth Quarter 2003
Samples taken November 18, 2003

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Icelanders Creek	ICE-1	NW/F	NW/F	NW/F	NW/F	NW/F	NW/F
Columbia Dugway Spring	F-2	12.6	8.2	2190	7.9	25	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	12.1	8.5	5610	8	15	2
Dragerton Well	Well-1	NW/F	NW/F	NW/F	NW/F	NW/F	NW/F
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

na - no flow

NW- no water present

NW/F- no water present frozen

nd - data is not available due to lack of discharge

1- Flow rates were measured using a weir.

2 - Flow rates were measured using a calibrated container and stopwatch method.

3 - Flow rates were measured using the floating debris method.

4 - Flow rates were measured using a meter



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9306



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Committed To Excellence

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436
www.comteco.com

December 4, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID:F-2

RECEIVED 1000
SAMPLED 1130
FIELD MEASUREMENTS

Kind of sample Water
reported to us

Sample taken at Sunnyside Cogeneration

Sample taken by R.Net

Date sampled November 18, 2003

Date received November 19, 2003

NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 1

Analysis report no. 59-25956

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Alkalinity, Bicarbonate	666	5	mg/l as HCO ₃	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	11-20-2003 1100 JJ
Alkalinity, Total	546	5	mg/l as CaCO ₃	EPA 310.1	11-20-2003 1100 JJ
Anions	26.1	----	meq/l	-----	12-04-2003 1215 BLP
Calcium, Dissolved	102.000	0.05	mg/l	EPA 200.7	11-26-2003 0930 BLP
Cations	24.6	----	meq/l	-----	12-04-2003 1215 BLP
Chloride	45	1.0	mg/l	EPA 300.0	11-20-2003 1026 BLP
Conductivity	2070	----	umhos/cm	SM2510-B	11-24-2003 0740 JJ
Hardness, Total	737	----	mg/l as CaCO ₃	SM2340-B	12-04-2003 1215 BLP
Iron, Total	0.208	0.02	mg/l	EPA 200.7	11-25-2003 1353 BLP
Iron, Dissolved	0.011	0.005	mg/l	EPA 200.7	11-26-2003 0930 BLP
Magnesium, Dissolved	117.000	0.02	mg/l	EPA 200.7	11-26-2003 0930 BLP
Manganese, Total	0.030	0.005	mg/l	EPA 200.7	11-25-2003 1353 BLP
Manganese, Dissolved	0.030	0.005	mg/l	EPA 200.7	11-26-2003 0930 BLP
Oil & Grease	<2	2	mg/l	EPA 413.1	12-03-2003 0800 DI
Potassium, Dissolved	4.320	0.5	mg/l	EPA 200.7	11-26-2003 0930 BLP
Sodium, Dissolved	224.000	0.1	mg/l	EPA 200.7	11-26-2003 0930 BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	11-19-2003 1230 BLP
Solids, Total Dissolved	1479	30	mg/l	EPA 160.1	11-20-2003 0845 DI
Solids, Total Suspended	9	5	mg/l	EPA 160.2	11-20-2003 0845 DI
Sulfate	670	1.0	mg/l	EPA 300.0	11-20-2003 1026 BLP
Cation/Anion Balance	-3.1	----	%		12-04-2003 1215 BLP

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory





COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • TEL: 630-953-9300 FAX: 630-953-9300



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P.O. BOX 1020
HUNTINGTON, UT 84528
TEL: (435) 653-2311
FAX: (435) 653-2436
www.comteco.com

December 1, 2003

Sunnyside Cogeneration Assoc.
P.O. Box 10
East Carbon Utah 84520

Sample identification by
Sunnyside Cogeneration Assoc.

ID:CRB

RECEIVED 1000
SAMPLED 1100
FIELD MEASUREMENTS

Kind of sample Water
reported to us

Sample taken at Sunnyside Cogeneration

Sample taken by R.Net

Date sampled November 18, 2003

Date received November 19, 2003

NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 1

Analysis report no. 59-25955

Parameter	Result	MRL	Units	Method	Analyzed		
					Date/Time	Analyst	
Alkalinity, Bicarbonate	464	5	mg/l as HCO ₃	EPA 310.1	11-20-2003	1100	JJ
Alkalinity, Carbonate	<5	5	mg/l as CO ₃	EPA 310.1	11-20-2003	1100	JJ
Alkalinity, Total	380	5	mg/l as CaCO ₃	EPA 310.1	11-20-2003	1100	JJ
Anions	86.4	----	meq/l	-----	12-01-2003	1400	SJ
Calcium, Dissolved	458.000	0.05	mg/l	EPA 200.7	11-26-2003	0930	BLP
Cations	78.9	----	meq/l	-----	12-01-2003	1400	SJ
Chloride	155	1.0	mg/l	EPA 300.0	11-20-2003	1026	BLP
Conductivity	5710	----	umhos/cm	SM2510-B	11-24-2003	0740	JJ
Hardness, Total	2671	----	mg/l as CaCO ₃	SM2340-B	12-01-2003	1400	SJ
Iron, Total	0.035	0.02	mg/l	EPA 200.7	11-25-2003	1353	BLP
Iron, Dissolved	0.007	0.005	mg/l	EPA 200.7	11-26-2003	0930	BLP
Magnesium, Dissolved	371.000	0.02	mg/l	EPA 200.7	11-26-2003	0930	BLP
Manganese, Total	0.041	0.005	mg/l	EPA 200.7	11-25-2003	1353	BLP
Manganese, Dissolved	0.041	0.005	mg/l	EPA 200.7	11-26-2003	0930	BLP
Oil & Grease	<2	2	mg/l	EPA 413.1	11-25-2003	0730	JJ
Potassium, Dissolved	30.400	0.5	mg/l	EPA 200.7	11-26-2003	0930	BLP
Sodium, Dissolved	570.000	0.1	mg/l	EPA 200.7	11-26-2003	0930	BLP
Solids, Settleable	<0.1	0.1	ml/l	EPA 160.5	11-19-2003	1230	BLP
Solids, Total Dissolved	5637	30	mg/l	EPA 160.1	11-20-2003	0845	DI
Solids, Total Suspended	<5	5	mg/l	EPA 160.2	11-20-2003	0845	DI
Sulfate	3574	1.0	mg/l	EPA 300.0	11-20-2003	1026	BLP
Cation/Anion Balance	-4.5	----	%		12-01-2003	1400	SJ

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Huntington Laboratory



CHEMTECH FORD, INC

ANALYSIS REQUEST FORM/CHAIN OF CUSTODY

COMPANY: CTE SCA
 ADDRESS: _____
 CITY/STATE/ZIP: _____
 PHONE #: _____ FAX #: _____
 COMPANY CONTACT: Rusty Netz
 PROJECT: Dogm

BILLING NAME: _____
 BILLING ADDRESS: _____
 P.O. #: _____
 TURNAROUND REQUIRED* By Jan 10, 2004
 *expedited turnaround subject to additional charge

Mark 'X' for copy to DEQ Div of Drinking Water

Lab ID#	SAMPLE IDENTIFICATION/LOCATION	SAMPLE DATE	SAMPLE TIME	Number of Containers	MATRIX					ANALYTES REQUESTED
					Water: Drink, Waste, Ground (circle)	Soil / Solid (circle)	Sludge: Solid, Liquid (circle)	Oil	Solvent	
1.	CRB	11/18	1100	3						SEE parameters INSIDE cooler
2.	F-2	11/18	1130	3						
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

Sampled by: (print)

Sampled by: (signature)

Sample Receiving Temperature (C)

Special Instructions:

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
<u>Rusty Netz</u>	11/18/03 1145	<u>James</u>	11/19/2003 1000
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

CHEMTECH-FORD, INC. 6100 South Strater (380 West) Murray, UT 84107 Phone 801-262-7299 Fax 801-262-7378

30 DAYS: 1.5% PER MONTH INTEREST CHARGE (18% A.P.R.) CUSTOMER AGREES TO PAY COLLECTION COSTS AND ATTORNEY'S FEES.



APPENDIX C
DEPARTMENT OF COMMERCE
CERTIFICATES OF EXISTENCE



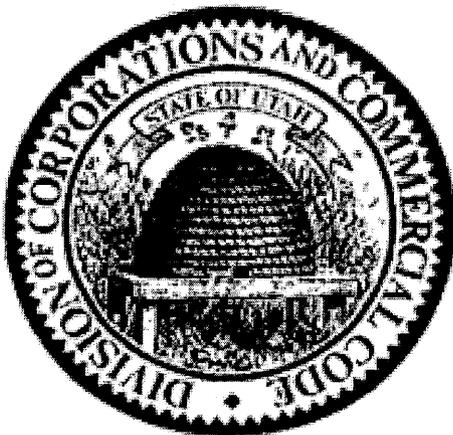
Utah Department of Commerce
Division of Corporations & Commercial Code
160 East 300 South, 2nd Floor, PO Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web Site: <http://www.commerce.utah.gov>

03/17/2004
2113550-018103172004-348408

CERTIFICATE OF EXISTENCE

Registration Number: 2113550-0181
Business Name: SUNNYSIDE II, L.P.
Registered Date: December 30, 1994
Entity Type: Limited Partnership
Current Status: Good Standing

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah. The Division also certifies that this entity has paid all fees and penalties owed to this state; its most recent annual report has been filed by the Division; and, that Articles of Dissolution have not been filed.



Kathy Berg

Kathy Berg
Director
Division of Corporations and Commercial Code



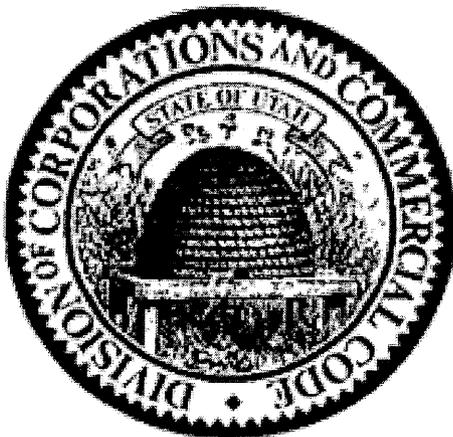
Utah Department of Commerce
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160 East 300 South, 2nd Floor, PO Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Toll Free: (877) 526-3994 Utah Residents
Fax: (801) 530-6438
Web Site: <http://www.commerce.utah.gov>

03/17/2004
4911242-015003172004-348409

CERTIFICATE OF EXISTENCE

Registration Number: 4911242-0150
Business Name: SUNNYSIDE COGENERATION ASSOCIATES
Registered Date: April 24, 2001
Entity Type: DBA
Current Status: Good Standing

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah. The Division also certifies that this entity has paid all fees and penalties owed to this state; its most recent annual report has been filed by the Division; and, that Articles of Dissolution have not been filed.



Kathy Berg
Director
Division of Corporations and Commercial Code



APPENDIX D MINE MAP



**APPENDIX E
MINING PERMIT
AND
STATE'S DECISION DOCUMENT**



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

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

February 4, 2003

Randy Scott, Plant Manager
Sunnyside Cogeneration Association
P.O. Box 159
Sunnyside, Utah 84539

Dear Mr. Scott:

Re: Five-Year Permit Renewal, Sunnyside Cogeneration Associates, Sunnyside Refuse and Slurry, C/007/035, Outgoing File

The Division of Oil, Gas and mining has reviewed your application for permit renewal and has made a decision to approve this application. Enclosed is the renewed permanent program mining permit for the Sunnyside Refuse and Slurry and a copy of the State's Decision Document.

Two (2) copies of the permit are included. Please have both copies signed by the responsible official for Sunnyside Cogeneration Associates and return one to the Division.

Sincerely,

Lowell P. Braxton
Director

an

Enclosures

cc: J. Fulton, OSM
Price Field Office

O:\007035.SRS\FINAL\PERMITDD_RN02.DOC

**UTAH DIVISION OF OIL, GAS AND MINING
STATE DECISION DOCUMENT
For
PERMIT RENEWAL**

**Sunnyside Cogeneration Associates
Sunnyside Refuse and Slurry
C/007/035
Carbon County, Utah**

February 4, 2003

CONTENTS

- * Administrative Overview
- * Location Map
- * Permitting Chronology
- * Findings
- * Affidavit of Publication
- * AVS Recommendation, memo to file (February 3, 2003)
- * Permit

ADMINISTRATIVE OVERVIEW

**Sunnyside Cogeneration Associates
Sunnyside Refuse and Slurry
C/007/035
Carbon County, Utah**

February 4, 2003

BACKGROUND

The initial permit for the Sunnyside operation was issued on February 4, 1993. This permit allowed Sunnyside Cogeneration Associates (SCA) to conduct surface mining operation on a portion of the old Sunnyside Mine. Coal waste and slurry are recovered from the refuse piles and slurry ponds for use as fuel in the Sunnyside Cogeneration power plant.

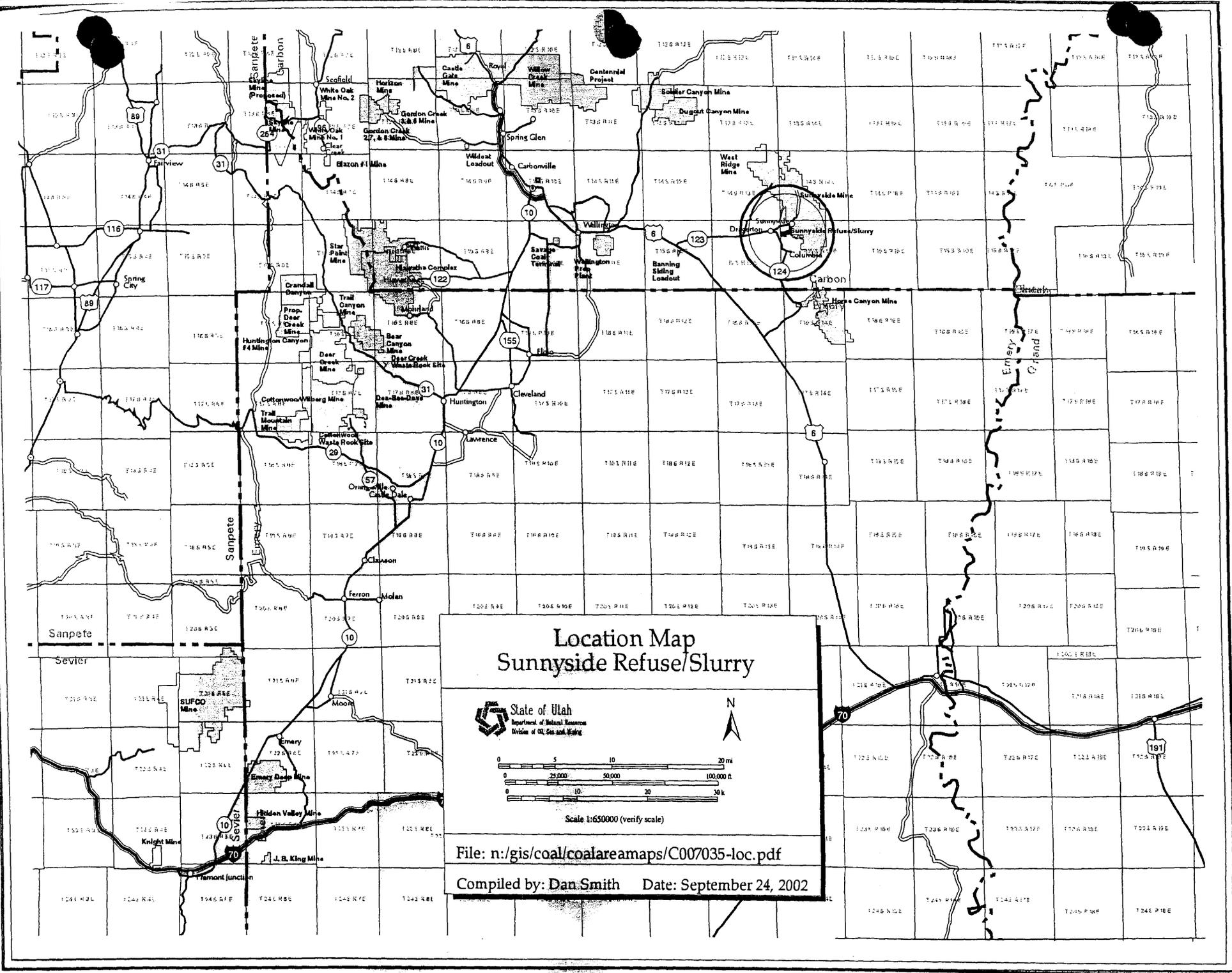
SCA made application to the Division of Oil, Gas and Mining for a five year permit renewal for the Sunnyside Refuse and Slurry Facility on October 2, 2002.

ANALYSIS

The permittee has met the requirements for permit renewal. The notice of permit renewal was published in the Sun Advocate on December 3, 10, 17, and 24, 2002. No comments were received during the public comment period.

RECOMMENDATION

Requirements for permit renewal have been met. Approval for this permit renewal is recommended.



PERMITTING CHRONOLOGY

**Sunnyside Cogeneration Associates
Sunnyside Refuse and Slurry
Permit Renewal
C/007/035
Carbon County, Utah**

February 4, 2002

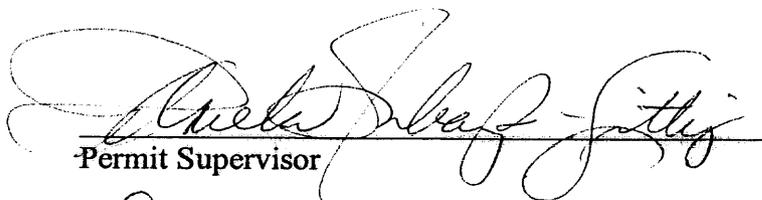
- October 2, 2002 Sunnyside Cogeneration Associates submits application for permit renewal.
- November 19, 2002 Division notifies Sunnyside Cogeneration Associates that the Sunnyside Refuse and Slurry permit renewal application is complete.
- December 3, 10, 17
and 24, 2002 The Sunnyside Refuse and Slurry permit renewal is published in the Sun Advocate for four consecutive weeks.
- November 22, 2002 Division notifies other federal, state and local agencies about the Sunnyside Refuse and Slurry permit renewal.
- January 24, 2003 End of public comment period.
- February 4, 2003 Division issues Decision Document and renewed state permit.

PERMIT RENEWAL FINDINGS

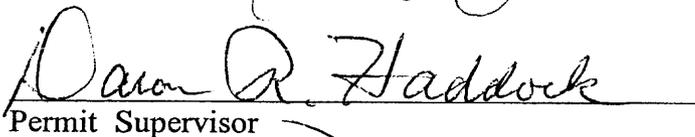
**Sunnyside Cogeneration Associates
Sunnyside Refuse and Slurry
C/007/035
Carbon County, Utah**

February 4, 2003

1. The permit renewal term will not exceed the original permit term of five years (R645-303-234).
2. The terms and conditions of the existing permit are being satisfactorily met (R645-303-233.110).
3. The present coal mining and reclamation operations are in compliance with the environmental protection standards of the Act and the Utah State Program (R645-303-233.120).
4. The requested renewal will not substantially jeopardize the operator's continuing ability to comply with the Act and the Utah State Program (R645-303-233.130).
5. The permittee has provided evidence of having liability insurance (Liberty Mutual Fire Insurance Company, policy number TB2-691-518993-322)(R645-303-233.140).
6. The permittee has posted a reclamation performance bond in the form of Treasury Securities in the required amount of \$1,747,000. This instrument will remain in full effect for the additional permit period. No additional surface disturbances are approved with this renewal (R645-303-233.150).
7. The permittee has submitted all updated information as required by the Division at this time. (R645-233.160).



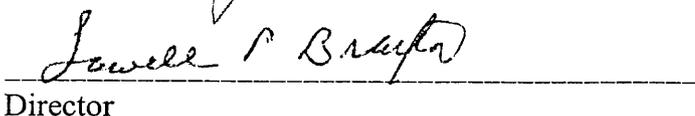
Permit Supervisor



Permit Supervisor



Associate Director, Mining



Director

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

ss.

County of Carbon,)

I, Ken Larson, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State a true copy of which is hereto attached, was published in the full issue of such newspaper for 4 (Four) consecutive issues, and that the first publication was on the 3rd day of December, 2002, and that the last publication of such notice was in the issue of such newspaper dated the 24th day of December, 2002.

Ken G. Larson

Ken G Larson - Publisher

Subscribed and sworn to before me this 24th day of December, 2002.

Linda Thayer

Notary Public My commission expires January 10, 2003 Residing at Price, Utah

Publication fee, \$ 376.32

LINDA THAYER
NOTARY PUBLIC - UTAH

*Felder
Jaconig
C/007/035
Copy Pam ✓*

PUBLIC NOTICE

Notice is hereby given as required by the Utah Coal Mining Rules, R745-300-121 that Sunnyside Cogeneration Associates, P.O. Box 10, East Carbon, Utah 84520, has filed an application to permit Waste Coal Mining. Approval of this application will allow Sunnyside Cogeneration Associates to operate the Sunnyside Waste Coal Pile project under the provisions of the Utah Coal Mining and Reclamation Act and the Utah R645 Coal Mining Rules.

The permit area is comprised on 323.95 acres of fee land and is located in Carbon County, Utah, just off Hwy. 123. The proposed permit area will not affect any County or State road in anyway. The entire property is located within lands shown on USGS 7.5 minutes "Sunnyside" Quadrangle map and described as:

Township 15 South, Range 14 East, SLB&M
Section 6: Portions of S1/2 and SE1/4 of NE1/4
Section 7: portions of N1/2

Detailed maps of the permit area are included as Exhibits to the application.

Copies of the permit will be available for inspection at the following locations:

Utah Division of Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114

Carbon County Courthouse
120 East Main Street
Price, Utah 84501

Mining activities were previously permitted by Permit C/007/035 dated February 4, 1998.

Written comments, objections or requests or an informal conference regarding this application must be submitted within 30 days of the last publication date of this notice, to the Utah Division of Oil, Gas and Mining, Attention Coal Regulatory Program, 1495 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801

Published in the Sun Advocate December 3, 10, 17 and 24, 2002.



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

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

February 3, 2003

To: File

From: Pamela Grubaugh-Littig, Permit Supervisor *PL*

Re: 510 (c) Recommendation for Permit Renewal, Sunnyside Refuse and Slurry, Sunnyside Cogeneration Associates, C/007/035, Outgoing File

As of this writing of this memo, there are no NOV's or CO's which are not corrected or in the process of being corrected for the Sunnyside Refuse and Slurry Mine. There are no finalized civil penalties, which are outstanding and overdue in the name of Sunnyside Cogeneration Associates. Sunnyside Cogeneration Associates does not have a demonstrated pattern of willful violations, nor have they been subject to any bond forfeitures for any operation in the state of Utah.

Attached is a quality check recommendation from the OSM Applicant Violator System with no violation noted.

O:\007035.SRS\Compliance\AVS2003.doc

Application Evaluation Report Applicant Violator System 03-Feb-2003 08:08:44

State : UT Permit No : ACT007035 Appl No : ACT007035
 Permittee : 128991(SUNNYSIDE COGENERATION ASSOCIATES) Seqno : 2
 Applicant : 128991(SUNNYSIDE COGENERATION ASSOCIATES)

OSMRE: Comments/Analysis: Date : 31-Jan-2003 Mode : VIEW

There were no violations retrieved by the system. jk

SRA: Comments/Analysis: Date : 03-Feb-2003 Mode : UPDATE

SAVE(F5) DELETE(F8)
 PRV_SCR(F3) QUIT(F4) CHOICES(F10)

NON-FEDERAL

PERMIT
C/007/035

February 3, 2003

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple
Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340

This permit, C/007/035, is issued for the state of Utah by the Utah Division of Oil, Gas and Mining (DOG M) to:

Sunnyside Cogeneration Association
1 Power Plant Road
Sunnyside, Utah 84539
(435) 888-4476

for the Sunnyside Refuse/Slurry. Sunnyside Cogeneration Associates is the lessee of federal, state and fee-owned property. A performance bond is filed with the DOGM in the amount of \$1,747,000.00, payable to the state of Utah, Division of Oil, Gas and Mining. DOGM must receive a copy of this permit signed and dated by the permittee.

- Sec. 1 **STATUTES AND REGULATIONS** - This permit is issued pursuant to the Utah Coal Mining and Reclamation Act of 1979, Utah Code Annotated (UCA) 40-10-1 et seq, hereafter referred to as the Act.
- Sec. 2 **PERMIT AREA** - The permittee is authorized to conduct coal mining and reclamation operations on 323.95 acres of fee land on the following described lands within the permit area at the Sunnyside Refuse/Slurry situated in the state of Utah, Carbon County, and located:

Township 15 South, Range 14 East, SLBM
Section 6: Portions of S1/2 and SE1/4 of NE1/4, and
Section 7: Portions of N1/2.

This legal description is for the permit area of the Sunnyside Refuse/Slurry included in the mining and reclamation plan. The permittee is authorized to conduct coal mining and reclamation operations on the foregoing described property subject to the conditions of the leases, including all conditions and all other applicable conditions, laws and regulations.

- Sec. 3 **COMPLIANCE** - The permittee will comply with the terms and conditions of the permit, all applicable performance standards and requirements of the State Program.
- Sec. 4 **PERMIT TERM** - This permit becomes effective on February 4, 2003 and expires on February 4, 2008.
- Sec. 5 **ASSIGNMENT OF PERMIT RIGHTS** - The permit rights may not be transferred, assigned or sold without the approval of the Director, DOGM. Transfer, assignment or sale of permit rights must be done in accordance with applicable regulations, including but not limited to 30 CFR 740.13(e) and R645-303.
- Sec. 6 **RIGHT OF ENTRY** - The permittee shall allow the authorized representative of the DOGM, including but not limited to inspectors, and representatives of OSMRE, without advance notice or a search warrant, upon presentation of appropriate credentials, and without delay to:
- (a) have the rights of entry provided for in 30 CFR 840.12, R645-400-110, 30 CFR 842.13 and R645-400-220; and,
 - (b) be accompanied by private persons for the purpose of conducting an inspection in accordance with R645-400-100 and 30 CFR 842, when the inspection is in response to an alleged violation reported by the private person.
- Sec. 7 **SCOPE OF OPERATIONS** - The permittee shall conduct coal mining and reclamation operations only on those lands specifically designated as within the permit area on the maps submitted in the mining and reclamation plan and permit application and approved for the term of the permit and which are subject to the performance bond.
- Sec. 8 **ENVIRONMENTAL IMPACTS** - The permittee shall minimize any adverse impact to the environment or public health and safety through but not limited to:
- (a) accelerated monitoring to determine the nature and extent of noncompliance and the results of the noncompliance;
 - (b) immediate implementation of measures necessary to comply; and
 - (c) warning, as soon as possible after learning of such noncompliance, any person whose health and safety is in imminent danger due to the noncompliance.

- Sec. 9 DISPOSAL OF POLLUTANTS** - The permittee shall dispose of solids, sludge, filter backwash or pollutants in the course of treatment or control of waters or emissions to the air in the manner required by the approved Utah State Program and the Federal Lands Program which prevents violation of any applicable state or federal law.
- Sec. 10 CONDUCT OF OPERATIONS** - The permittee shall conduct its operations:
- (a) in accordance with the terms of the permit to prevent significant, imminent environmental harm to the health and safety of the public; and
 - (b) utilizing methods specified as conditions of the permit by DOGM in approving alternative methods of compliance with the performance standards of the Act, the approved Utah State Program and the Federal Lands Program.
- Sec. 11 EXISTING STRUCTURES** - As applicable, the permittee will comply with R645-301 and R645-302 for compliance, modification, or abandonment of existing structures.
- Sec. 12 RECLAMATION FEE PAYMENT** - The permittee shall pay all reclamation fees required by 30 CFR part 870 for coal produced under the permit, for sale, transfer or use.
- Sec. 13 AUTHORIZED AGENT** - The permittee shall provide the names, addresses and telephone numbers of persons responsible for operations under the permit to whom notices and orders are to be delivered.
- Sec. 14 COMPLIANCE WITH OTHER LAWS** - The permittee shall comply with the provisions of the Water Pollution Control Act (33 USC 1151 et seq,) and the Clean Air Act (42 USC 7401 et seq), UCA 26-11-1 et seq, and UCA 26-13-1 et seq.
- Sec. 15 PERMIT RENEWAL** - Upon expiration, this permit may be renewed for areas within the boundaries of the existing permit in accordance with the Act, the approved Utah State Program and the Federal Lands Program.
- Sec. 16 CULTURAL RESOURCES** - If during the course of mining operations, previously unidentified cultural resources are discovered, the permittee shall ensure that the site(s) is not disturbed and shall notify DOGM. DOGM, after coordination with OSMRE, shall inform the permittee of necessary actions required. The permittee shall implement the mitigation measures required by DOGM within the time frame specified by DOGM.

Sec. 17 **APPEALS** - The permittee shall have the right to appeal as provided for under R645-300.

Sec. 18 **SPECIAL CONDITIONS** - There are special conditions associated with this permitting action as described in attachment A.

The above conditions (Secs. 1-18) are also imposed upon the permittee's agents and employees. The failure or refusal of any of these persons to comply with these conditions shall be deemed a failure of the permittee to comply with the terms of this permit and the lease. The permittee shall require his agents, contractors and subcontractors involved in activities concerning this permit to include these conditions in the contracts between and among them. These conditions may be revised or amended, in writing, by the mutual consent of DOGM and the permittee at any time to adjust to changed conditions or to correct an oversight. DOGM may amend these conditions at any time without the consent of the permittee in order to make them consistent with any new federal or state statutes and any new regulations.

THE STATE OF UTAH

By: Lowell P Braxton

Date: 2-9-03

I certify that I have read, understand and accept the requirements of this permit and any special conditions attached.

Randy J. Scott

**Authorized Representative of
the Permittee**

Date: 2-10-03

Attachment A

SPECIAL CONDITIONS

1. Sunnyside Cogeneration Associates will submit water quality data for the Sunnyside Refuse and Slurry Mine in an electronic format through the Electronic Data Input web site.