

June 22, 1999

Rusty Netz  
 Sunnyside Cogeneration Associates  
 PO Box 10  
 East Carbon, UT 84520  
 (435) 888-4476

RE: Second Quarter 1999 Inspections

Dear Rusty,

On June 15, 1999, Psomas completed the Second Quarter Inspection of SCA's Impoundments, Refuse Pile, and Excess Spoil Disposal Areas. These areas appeared stable, with no structural weakness or hazardous conditions. In general, the site appeared in good condition and well maintained, however some of the ditches near and east of the Pasture Pond may need some minor cleaning to allow better water flows.

With the beginning of construction activities on the new Excess Spoil Disposal Area #2 at the site of the former Slurry Ponds #1 and #2 this is the last Quarter which these will be inspected as impoundments. We have also now included a single report inspecting this area as a spoil area.

Please double check the area just north of the embankment on the East Slurry Cell above the reclaimed OCRR. A black stain (about 3'-5' diameter) was noticed in the soil and I am concerned that it might be evidence of burning coal.

I have enclosed the certified inspection reports associated with each facility.

Please feel free to call me at (801) 270-5777 if you have any questions.

Sincerely,



S. Scott Carlson, P.E.  
 Project Manager

Enclosure

cc: Plant Manager

File in:

Confidential

Shelf

Expandable

Refer to Record No. 0020 Date 07/12/1999

In C 0070035, 1999 Suborning

For additional information

0020

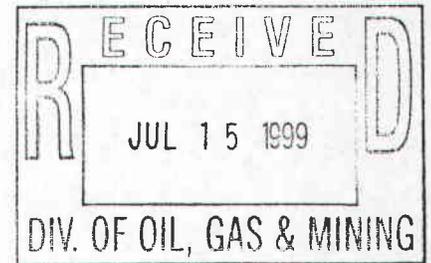


# Sunnyside Cogeneration Associates

# COPY

P.O. Box 10, East Carbon, Utah 84520 • (801) 888-4476 • Fax (801) 888-2538

July 12, 1999



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

RE: Second Quarter 1999 Inspection Report

*ACT 1007/035  
#6*

Dear Mr. Haddock:

Please find enclosed a copy of the Second Quarter 1999 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil area. The inspection was performed by a professional engineer from Psomas and Associates Engineering.

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

Sincerely,  
Sunnyside Operations Associates, L. P.

*Rusty Netz*  
Rusty Netz  
Environmental Coordinator

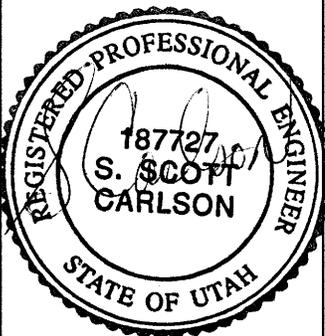
Enclosure

c.c. Bill Malencik/Division of Oil, Gas & Mining  
Gordon Strom, COSI  
Plant File

File in: *CO070035 1999 Incoming*  
Refer to:  
 Confidential  
 Shelf  
 Expandable  
Date: *07/1999* For additional information

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Clear Water Pond	
Permit Number	ACT/007/035	Report Date	6/15/99
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	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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>		



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Clear Water Pond	
<b>CERTIFIED REPORT</b>		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	<b>YES</b>	<b>NO</b>
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	
<b>COMMENTS AND OTHER INFORMATION</b>		
None		
<b>Certification Statement:</b>  	<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 Manager</u>  <small>(Full Name and Title)</small></p> <p>Signature: <u><i>S. Scott Carlson</i></u> Date: <u>6/15/99</u></p> <p>P.E. Number &amp; State: <u>187727 UT</u></p>	

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Railcut Pond	
Permit Number	ACT/007/035	Report Date	6/15/99
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	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 = 6207.7  Estimated Existing Sediment Elevation = 6207+-</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Spillway Elevation = 6212.34  Primary Drain 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 dry. 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: 6/15/99

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Railcut 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. Project Manager

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 - UT



<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		OCRR Pond	
<b>Permit Number</b>	ACT/007/035	<b>Report Date</b>	6/15/99
<b>Mine Name</b>	SUNNYSIDE REFUSE AND SLURRY		
<b>Company Name</b>	SUNNYSIDE COGENERATION ASSOCIATES		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Old Coarse Refuse Road Sediment Pond	
	<b>Impoundment Number</b>	008	
	<b>UPDES Permit Number</b>	UT 024759	
	<b>MSHA ID Number</b>	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	6/15/99		
<b>Inspected By</b>	Scott Carlson		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 dry, 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.

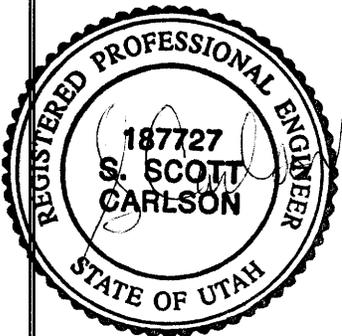
**Qualification Statement**

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: 6/15/99

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		OCRR Pond	
<b>CERTIFIED REPORT</b>			
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	
<b>COMMENTS AND OTHER INFORMATION</b>			
none			
<b>Certification Statement:</b>		<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. Project Manager</u></p> <p>Signature: <u><i>S. Scott Carlson</i></u> Date: <u>6/15/99</u></p> <p>P.E. Number &amp; State: <u>187727 - UT</u></p>	

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Pasture Pond	
Permit Number	ACT/007/035	Report Date	6/15/99
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	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 was damp.

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: 6/15/99

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Pasture Pond	
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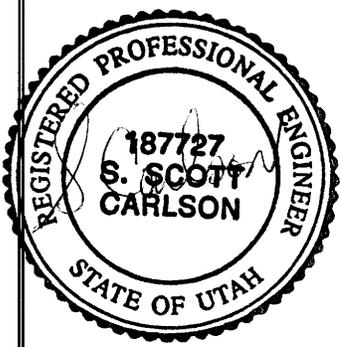
**CERTIFIED REPORT**

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**

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 Manager

Signature: *Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 - UT

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		CRT Pond	
Permit Number	ACT/007/035	Report Date	6/15/99
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	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 dry.  
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: 6/15/99

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	CRT Pond	
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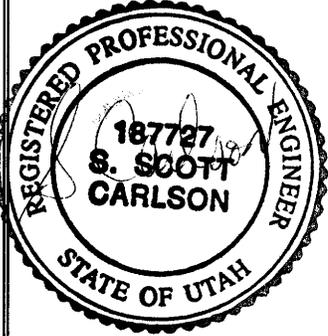
**CERTIFIED REPORT**

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 Manager

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 - UT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		COAL RUNOFF POND	
Permit Number	ACT/007/035	Report Date	6/15/99
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	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 had very little water in it.  
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: \_\_\_\_\_

*S. Scott Culson*

Date: 6/15/99

**CERTIFIED REPORT**

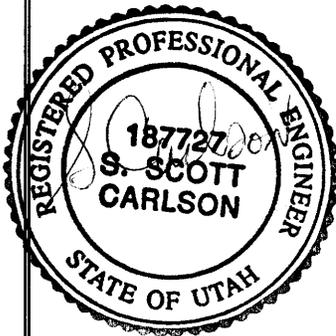
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance 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 Manager  
(Full Name and Title)

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 - UT

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Borrow Area Pond	
<b>Permit Number</b>	ACT/007/035	<b>Report Date</b>	6/15/99
<b>Mine Name</b>	SUNNYSIDE REFUSE AND SLURRY		
<b>Company Name</b>	SUNNYSIDE COGENERATION ASSOCIATES		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Borrow Area Pond	
	<b>Impoundment Number</b>	016	
	<b>UPDES Permit Number</b>	UT 024759	
	<b>MSHA ID Number</b>	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	6/15/99		
<b>Inspected By</b>	Scott Carlson		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 dry.  
 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: 6/15/99

**CERTIFIED REPORT**

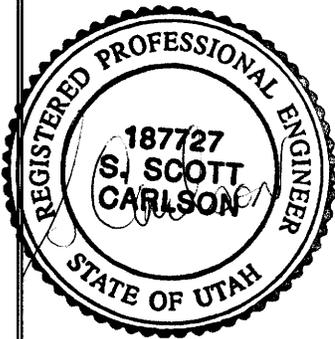
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance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

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 Utah

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Slurry Pond #1	
Permit Number	ACT/007/035	Report Date	6/15/99
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Slurry Pond #1	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 = 16.4 acre-feet  Maximum Sediment Depth Elevation = 6537.5  Estimated Existing Sediment Elevation = N/A</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Top of Dike Elevation = 6540.8</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 dry.  
 No discharge.  
 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 Pond is inactive, does not receive slurry from any source  
 No structure or stability problems observed.  
 Reclamation of the Sunnyside Coal Property is currently underway. Among the facilities being reclaimed is the Slurry Ditch which connected to the SCA Properties. This ditch has been filled in near the SCA Property and is no longer a major storm water conveyance facility to the Slurry Ponds #1 and #2 or to the Clearwater Pond or to the East Slurry Cell. Watersheds which previously contributed to these ponds are no longer doing so.

In accordance with the approved plan to construct the Excess Spoil Disposal Area #2, the Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and stormwater rerouted to other impoundments.

**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: 6/15/99

**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**

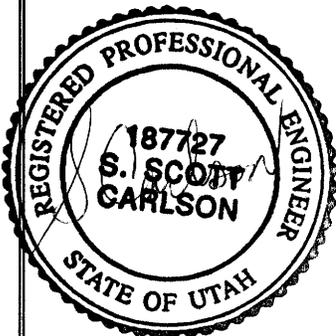
Both Slurry Pond #1 and Slurry Pond #2 have been approved to be filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

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.

With the beginning of construction activities for the new spoil area and rerouting of stormwaters, this is the last inspection report for the Slurry Pond #1 as an impoundment. From this point forward, an inspection report for the Excess Spoil Disposal Area #2 will be filed.

**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 Manager  
(Full Name and Title)

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 UT

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Slurry Pond #2	
Permit Number	ACT/007/035	Report Date	6/15/99
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	Slurry Pond #2	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	N/A	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 = 15.3 acre-feet  Maximum Sediment Depth Elevation = 6537.5  Estimated Existing Sediment Elevation = N/A</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Top of Dike Elevation = 6540.1</p>		



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Slurry Pond #2	
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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	

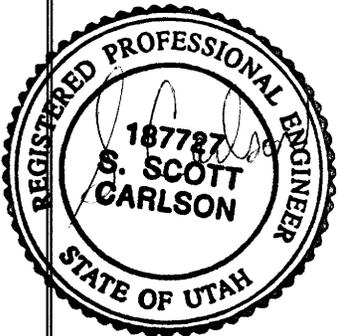
**COMMENTS AND OTHER INFORMATION**

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be 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.

With the beginning of construction activities for the new spoil area and rerouting of stormwaters, this is the last inspection report for the Slurry Pond #1 as an impoundment. From this point forward, an inspection report for the Excess Spoil Disposal Area #2 will be filed.

**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 Manager  
 (Full Name and Title)

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 - UT

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		Coarse Refuse Pile
Permit Number	ACT/007/035	Report Date 6/15/99
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	6/15/99	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 1999	
	Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
<b>Field Evaluation</b>		
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

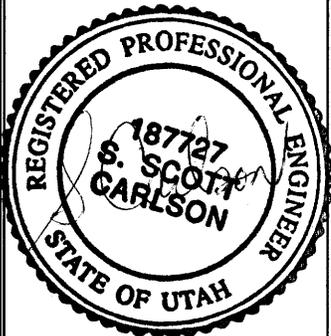
6. Appearances of instability, structural weakness, and other hazardous conditions.

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.

Waste Coal Removal  
No Smokers Visible

**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 Manager  
(Full Name and Title)

Signature: *S. Scott Carlson*

Date: 6/15/99

P.E. Number & State: 187727 - UT

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		East Slurry Cell	
<b>Permit Number</b>	ACT/007/035	<b>Report Date</b> 6/15/99	
<b>Mine Name</b>	SUNNYSIDE REFUSE AND SLURRY		
<b>Company Name</b>	SUNNYSIDE COGENERATION ASSOCIATES		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	East Slurry Cell	
	<b>Impoundment Number</b>	N/A	
	<b>UPDES Permit Number</b>	N/A	
	<b>MSHA ID Number</b>	1211-UT-09-02093-02	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	6/15/99		
<b>Inspected By</b>	Scott Carlson		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 surface was dry.  
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. No structural or stability problems observed. Reclamation of the Sunnyside Coal Property is currently underway. Among the facilities being reclaimed is the Slurry Ditch which connected to the SCA Properties. This ditch has been filled in near the SCA Property and is no longer a major storm water conveyance facility to the Slurry Ponds #1 and #2 or to the Clearwater Pond or to the East Slurry Cell. Watersheds which previously contributed to these ponds are no longer doing so.

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 directly to either 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 stormflows 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: \_\_\_\_\_

*S. Scott Carlson*

Date: 6/15/99

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	East Slurry Cell	
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**CERTIFIED REPORT**

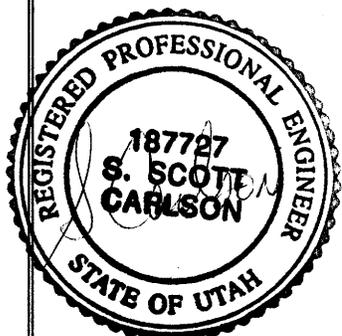
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance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

**COMMENTS AND OTHER INFORMATION**

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 Manager  
(Full Name and Title)

Signature: *S. Scott Carlson* Date: 6/15/99

P.E. Number & State: 187727 - UT

<b>IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		West Cell	
Permit Number	ACT/007/035	Report Date	6/15/99
Mine Name	SUNNYSIDE REFUSE AND SLURRY		
Company Name	SUNNYSIDE COGENERATION ASSOCIATES		
Impoundment Identification	Impoundment Name	West Slurry Cell	
	Impoundment Number	N/A	
	UPDES Permit Number	N/A	
	MSHA ID Number	1211-UT-09-02093-03	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	6/15/99		
Inspected By	Scott Carlson		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Second Quarter Inspection 1999	
<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 = N/A  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.

Slurry Cell is Inactive  
Refuse Removal  
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  
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: \_\_\_\_\_

*S. Scott Carlson*

Date: 6/15/99

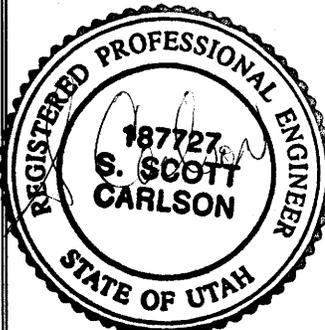
**CERTIFIED REPORT**

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 Manager  
(Full Name and Title)

Signature: *S. Scott Carlson* Date: 6/15/99

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 6/15/99
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	6/15/99	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 1999	
	Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
<b>Field Evaluation</b>		
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.  Received approximately 250 yards of spoils materials during this Quarter.	

5. Final grading and revegetation of fill.

N/A

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

None

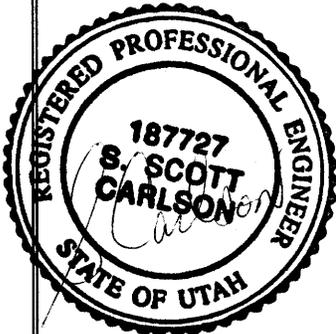
7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement 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.

Construction has been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

As discussed on site with Rusty Netz of SCA and Bill Malencik of DOGM, the large cobble/boulder material currently in place on the Easterly face of the spoil area are not adequate for final surface material. Additional spoil material (of a more "reclamation friendly" nature) will need to be placed on this outer face prior to completion of the lift for interim reclamation.

**Certification Statement**



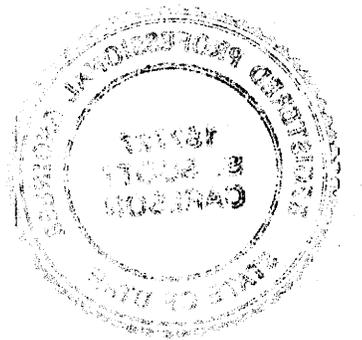
I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure 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 Manager  
(Full Name and Title)

Signature: *S. Scott Carlson* Date: 6/15/99

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 6/15/99
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	6/15/99	
Inspected By	Scott Carlson	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Second Quarter Inspection 1999	
	Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
<b>Field Evaluation</b>		
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.  Underdrains 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 stormwater 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 has not yet begun.	



5. Final grading and revegetation of fill.

N/A

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

None

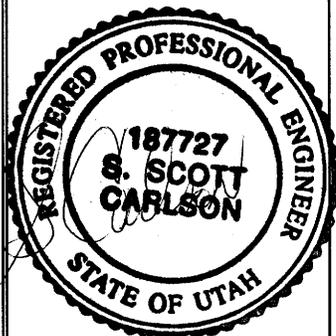
7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement 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 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.

Placement of the fill material has been approved by DOGM and MSHA but has not yet begun.

**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 Manager  
(Full Name and Title)

Signature: S. Scott Carlson

Date: 6/15/99

P.E. Number & State: 187727 - UT