

Sunnyside Cogeneration Associates

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

*Impoundments
ACT/007/035*

July 24, 2000

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 2000 Inspection Report

Dear Mr. Haddock:

Please find enclosed a copy of the Second Quarter 2000 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil areas. The inspection was performed by a professional engineer from Psomas and Associates Engineering.

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

Sincerely,

Agent For
Sunnyside Cogeneration Associates

Rusty Netz
Rusty Netz
Plant Engineer

Enclosure

c.c. Bill Malencik/Division of Oil, Gas & Mining
Rusty Netz, COSI
Plant File

RECEIVED

JUL 31 2000

DIVISION OF
OIL, GAS AND MINING

July 21, 2000

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

RE: First Quarter 2000 Inspections

Dear Rusty,

On June 27, 2000, 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.

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 Director

Enclosure

RECEIVED

JUL 31 2000

**DIVISION OF
OIL, GAS AND MINING**

2825 E. Cottonwood Parkway
Suite 120
Salt Lake City, UT 84121

801.270.5777
801.270.5782 Fax
www.psomas.com

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|--|---|--------------------------------|----------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | Clear Water Pond | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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 dry.

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 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

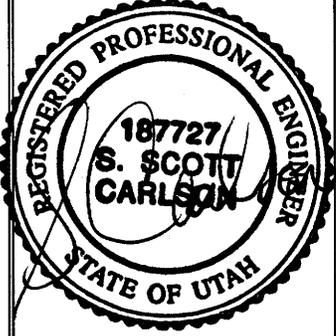
I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the 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:



Date:

07/21/00

| | | |
|--|---|------------------------------|
| 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> | |
|  | By: <u>S. Scott Carlsson</u> Project Manager <small>(Full Name and Title)</small> | |
| | Signature: <u><i>S. Scott Carlsson</i></u> | Date: <u>07/21/00</u> |
| | P.E. Number & State: <u>187727 UT</u> | |

| | | | |
|--|---|--------------------------------|----------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | Railcut Pond | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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: Scott Carlson

Date: 07/21/00

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| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | Railcut Pond | |
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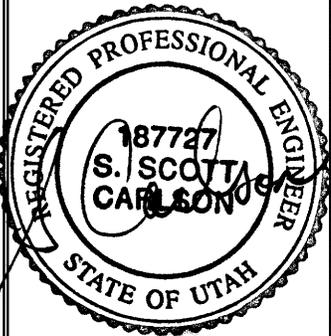
CERTIFIED REPORT

| 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: 07/21/00

P.E. Number & State: 187727 - UT

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|--|--|--------------------------------------|----------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | OCRR Pond | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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> | | |

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| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | OCRR Pond | |
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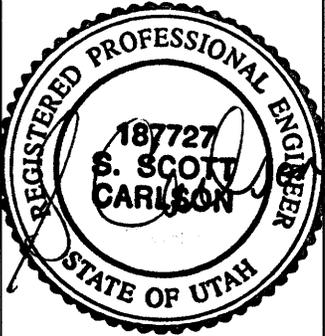
CERTIFIED REPORT

| 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: 07/21/00

P.E. Number & State: 187727 - UT

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| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | Pasture Pond | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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> | | |

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| 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

none

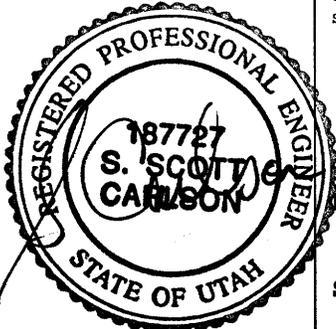
Certification Statement:

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: 07/21/00

P.E. Number & State: 187727 - UT



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| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | CRT Pond | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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 out slopes 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: 07/21/00

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| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | CRT Pond | |
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CERTIFIED REPORT

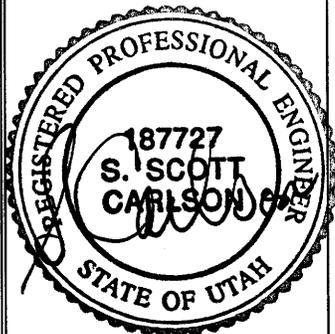
| IMPOUNDMENT EVALUATION (If NO, explain under Comments) | YES | NO |
|--|-----|----|
| 1. Is impoundment designed and constructed in accordance with the approved plan? | yes | |
| 2. Is impoundment free of instability, structural weakness, or any other hazardous condition? | yes | |
| 3. Has the impoundment 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: 07/21/00

P.E. Number & State: 187727 - UT

| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | COAL RUNOFF POND | |
|---|---|--------------------------------|----------|
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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 had very little water in it.
 No discharge, inlet and outlet conditions are good.
 No structural or hazardous conditions exist.

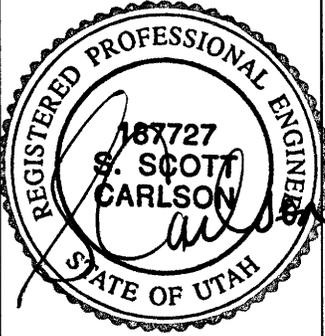
5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure 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: Scott Carlson Date: 07/21/00

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|--|--|------------------------------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | COAL RUNOFF 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: | 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: <u>S. Scott Carlson - Project Manager</u> <small>(Full Name and Title)</small> | |
| | Signature: <u><i>S. Scott Carlson</i></u> | Date: <u>07/21/00</u> |
| | P.E. Number & State: <u>187727 - UT</u> | |

| | | | |
|--|---|--------------------------------|----------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | Borrow Area Pond | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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: 07/21/00

| | | |
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| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | Borrow Area Pond | |
|---|------------------|--|

CERTIFIED REPORT

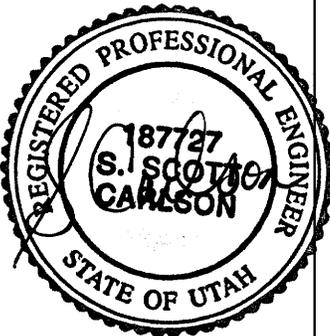
| IMPOUNDMENT EVALUATION (If NO, explain under Comments) | YES | NO |
|--|-----|----|
| 1. Is impoundment designed and constructed in accordance with the approved plan? | yes | |
| 2. Is impoundment free of instability, structural weakness, or any other hazardous condition? | yes | |
| 3. Has the impoundment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

COMMENTS AND OTHER INFORMATION

none

Certification Statement:

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: 07/21/00

P.E. Number & State: 187727 Utah

| | | |
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| INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE | | Coarse Refuse Pile |
| Permit Number | ACT/007/035 | Report Date 07/21/00 |
| 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 | 06/27/00 | |
| Inspected By | Scott Carlson | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 |
| | | 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.

N/A

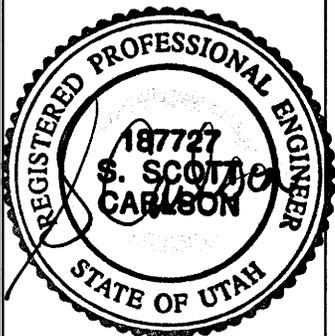
7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement 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: 07/21/00

P.E. Number & State: 187727 - UT

| | | | |
|--|---|--------------------------------|----------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | East Slurry Cell | |
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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 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: Scott Carlson

Date: 07/21/00

| | | |
|---|------------------|--|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | East Slurry Cell | |
|---|------------------|--|

CERTIFIED REPORT

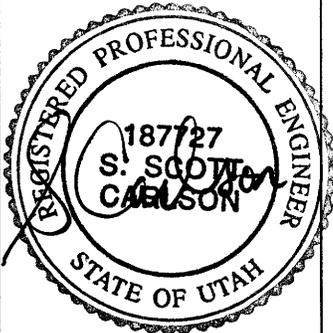
| IMPOUNDMENT EVALUATION (If NO, explain under Comments) | YES | NO |
|--|-----|----|
| 1. Is impoundment designed and constructed in accordance with the approved plan? | yes | |
| 2. Is impoundment free of instability, structural weakness, or any other hazardous condition? | yes | |
| 3. Has the impoundment 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: 07/21/00

P.E. Number & State: 187727 - UT

| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | West Cell | |
|---|--|--------------------------------|----------|
| Permit Number | ACT/007/035 | Report Date | 07/21/00 |
| 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 | |
| IMPOUNDMENT INSPECTION | | | |
| Inspection Date | 06/27/00 | | |
| Inspected By | Scott Carlson | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | | Second Quarter Inspection 2000 | |
| <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

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

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: 07/21/00

CERTIFIED REPORT

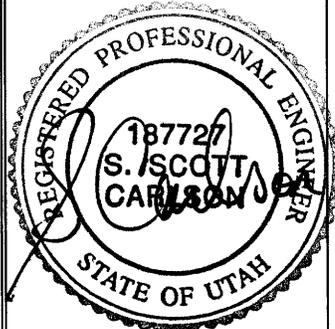
| IMPOUNDMENT EVALUATION (If NO, explain under Comments) | YES | NO |
|--|-----|----|
| 1. Is impoundment designed and constructed in accordance with the approved plan? | yes | |
| 2. Is impoundment free of instability, structural weakness, or any other hazardous condition? | yes | |
| 3. Has the impoundment 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: 07/21/00

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 07/21/00 |
| 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 | 06/27/00 | |
| Inspected By | Scott Carlson | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | Second Quarter Inspection 2000 | |
| | 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. Did not received spoils material during this Quarter. | |

5. Final grading and revegetation of fill.

N/A

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

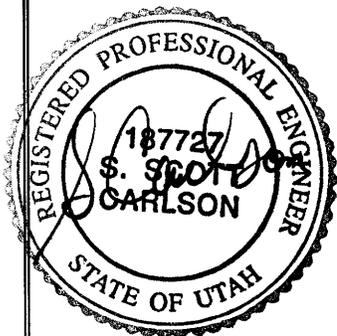
None

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.

Construction has 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 Manager
(Full Name and Title)

Signature: *S. Scott Carlson*

Date: 07/21/00

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 07/21/00 |
| 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 | 06/27/00 | |
| Inspected By | Scott Carlson | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | Second Quarter Inspection 2000 | |
| | 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. 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 continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan. Approximately 4,000 yards of material was placed during the Quarter. | |

5. Final grading and revegetation of fill.

N/A

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

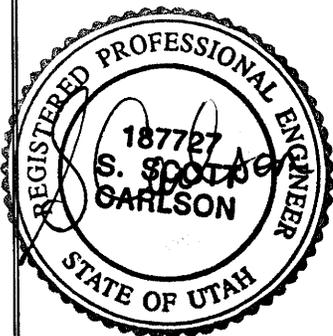
None

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 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 Manager
(Full Name and Title)

Signature: *S. Scott Carlson*

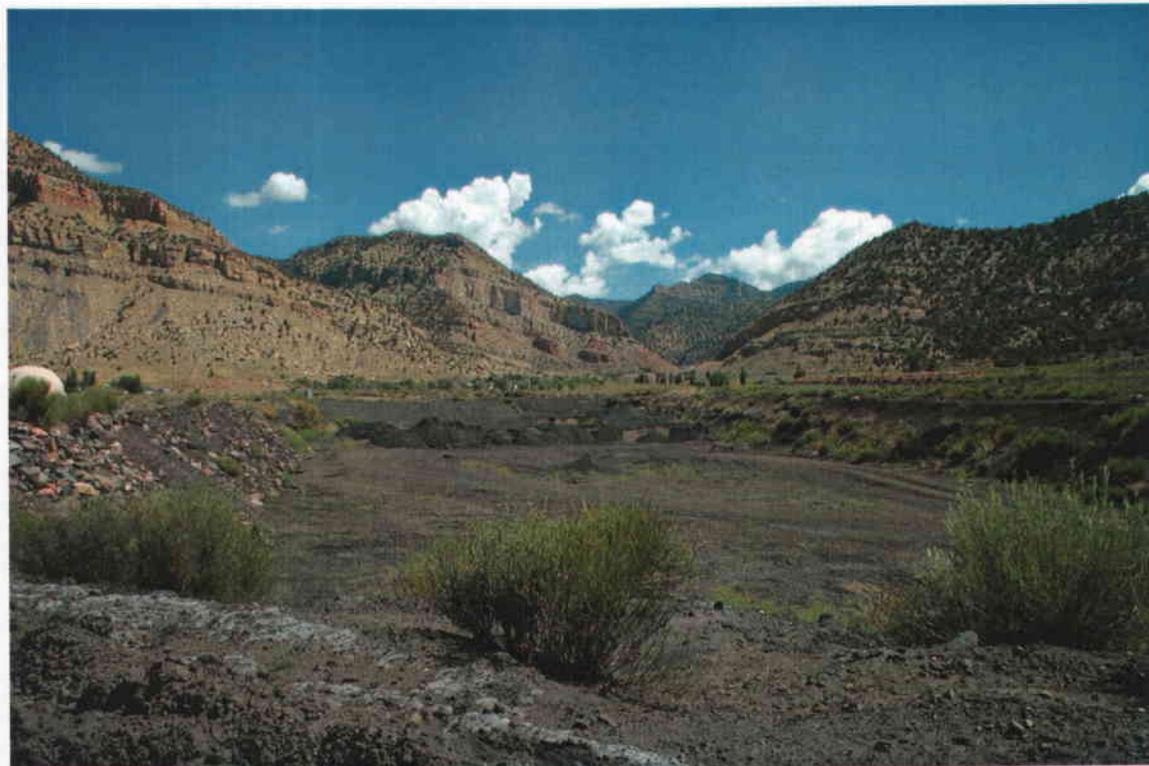
Date: 07/21/00

P.E. Number & State: 187727 - UT



Excess Spoil Disposal Area #2
(View of Slurry Pond #1 Site from the South)

6/27/2000



Excess Spoil Disposal Area #2
(View of Slurry Pond #2 Site from the South)

6/27/2000