

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION

Clear Water Sediment Pond

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name Clear Water Sediment Pond
Impoundment Number 004
UPDES Permit Number UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.9 Acre-feet
Pond bottom elevation = 6522
100% Sediment Storage Volume = 2.65 acre-feet at Elevation 6527
60% sediment Storage Volume = 1.6 acre feet at Elevation = 6524.5
Existing Sediment Elevation = 6523 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Orifice = Filter wrapped perforated stand pipe 6524 to 6530
Emergency Spillway Elevation = 6530.1

2. 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 no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good but with some erosion present.
No structural or hazardous conditions were observed.

Sunnyside Refuse and Slurry

File in:

Confidential

Shelf

Expandable

Refer to Record No. 0026 Date 07302007

In C 0070035 Incoming
For additional information

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IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Clear Water Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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 recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.
No other aspects were observed to affect stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Rutz Date: 7/26/07

CERTIFIED REPORT IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

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 conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

COMMENTS/ OTHER INFORMATION

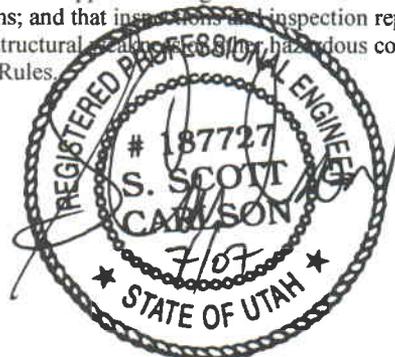
This pond has been approved to be filled as part of the Excess Spoil Disposal Area #2. SCA is in the process of re-routing all storm water drainage from this area to the newly enlarged Pasture Pond. Upon completion of that process, the Clear Water Pond can be de-commissioned and filled in.

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 designs and meets or exceeds 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 hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION

Railcut Sediment Pond

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name RailCut Sediment Pond
Impoundment Number 007
UPDES Permit Number UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 4.8 Acre-feet
Pond bottom elevation = 6206.0
100% Sediment Storage Volume = 0.34 acre-feet at Elevation 6209
60% sediment Storage Volume = 0.2 acre feet at Elevation = 6207.7
Existing Sediment Elevation = 6206.5 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6209.07
Emergency Spillway Elevation = 6212.34

2. 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 no water in it. No samples were taken Pond did not require decanting
SCA recently completed cleaning Sediment from pond.
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Rail Cut Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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 recent changes in the geometry of the structure have been observed

No water was impounded

Sediment was just cleaned. See photo

No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Acty Date: 7/26/07

CERTIFIED REPORT IMPOUNDMENT EVALUATION

If you answer NO to these questions, please explain under comments

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 conditions? YES
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

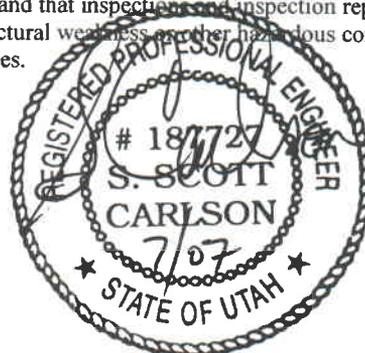
COMMENTS/ OTHER INFORMATION

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 designs and meets or exceeds 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, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

GENERAL INFORMATION

Report Date July 20, 2007
Permit Number C/007/035
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 UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 0.9 Acre-feet
Pond bottom elevation = 6394.0
100% Sediment Storage Volume = 0.08 acre-feet at Elevation 6395.1
60% sediment Storage Volume = 0.05 acre feet at Elevation = 6394.75
Existing Sediment Elevation = 6394.0 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6395.75
Emergency Spillway Elevation = 6399.4

2. 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 no water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Old Coarse Refuse Road Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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 recent changes in the geometry of the structure have been observed

No water was impounded

Sediment level was good.

No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty [Signature] Date: 7/26/07

**CERTIFIED REPORT
IMPOUNDMENT EVALUATION**

If you answer NO to these questions, please explain under comments

- 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 conditions? YES
- 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

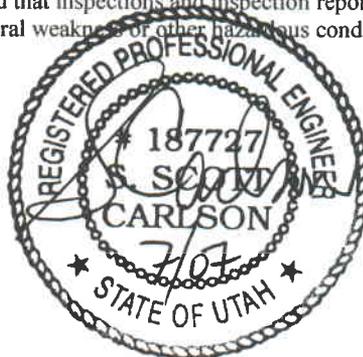
COMMENTS/ OTHER INFORMATION

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 designs and meets or exceeds 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, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

GENERAL INFORMATION

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name Pasture Sediment Pond
Impoundment Number 009
UPDES Permit Number UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 3.2 Acre-feet
Pond bottom elevation = 6484.5
100% Sediment Storage Volume = 0.42 acre-feet at Elevation 6486.2
60% sediment Storage Volume = 0.25 acre feet at Elevation = 6485.5
Existing Sediment Elevation = 6484.5 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6486.6
Emergency Spillway Elevation = 6490.6

2. 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 no water in it. No samples were taken Pond did not require decanting.
SCA just completed cleaning sediments and enlarging the pond.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Pasture Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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

Recent changes in the geometry of the structure include completion of an enlargement of this pond during the quarter. See Photo

No water was impounded

Sediment was just cleaned.

No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty nety Date: 7/26/07

**CERTIFIED REPORT
IMPOUNDMENT EVALUATION**

If you answer NO to these questions, please explain under comments

- 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 conditions? YES
- 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

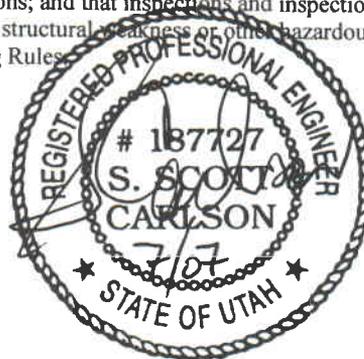
COMMENTS/ OTHER INFORMATION

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 designs and meets or exceeds 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, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

GENERAL INFORMATION

Report Date July 20, 2007
Permit Number C/007/035
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 UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.6 Acre-feet
Pond bottom elevation = 6176.0
100% Sediment Storage Volume = 0.07 acre-feet at Elevation 6177.8
60% sediment Storage Volume = 0.03 acre feet at Elevation = 6177.0
Existing Sediment Elevation = 6176 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6178.2
Emergency Spillway Elevation = 6183.63

2. 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 no water in it. No samples were taken. Pond did not require decanting. SCA just completed cleaning Sediment from pond. Embankment conditions were good. Vegetation on outslopes was adequate. Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coarse Refuse Toe Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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 recent changes in the geometry of the structure have been observed

No water was impounded

Sediment was just cleaned. See photo

No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty nety Date: 7/26/07

**CERTIFIED REPORT
IMPOUNDMENT EVALUATION**

If you answer NO to these questions, please explain under comments

- 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 conditions? YES
- 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

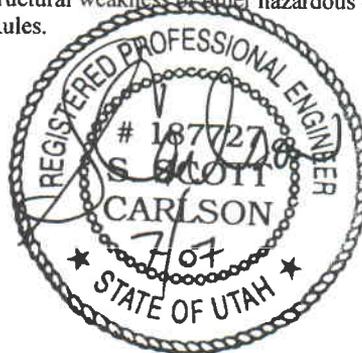
COMMENTS/ OTHER INFORMATION

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 designs and meets or exceeds 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, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

GENERAL INFORMATION

Coal Pile Sediment Pond

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name Coal Pile Sediment Pond
Impoundment Number 014
UPDES Permit Number UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 1.5 Acre-feet
Pond bottom elevation = 6473.0
100% Sediment Storage Volume = 0.5 acre-feet at Elevation 6476.0
60% sediment Storage Volume = 0.3 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6473.0 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6476.0
Secondary Dewatering Orifice = 6477.2
Primary Spillway Elevation = 6477.9
Emergency Spillway Elevation = 6479.0

2. 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 no water in it. No samples were taken Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Coal Pile Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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 recent changes in the geometry of the structure have been observed

No water was impounded

Sediment level was good.

No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty Rety Date: 7/26/07

**CERTIFIED REPORT
IMPOUNDMENT EVALUATION**

If you answer NO to these questions, please explain under comments

- 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 conditions? YES
- 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

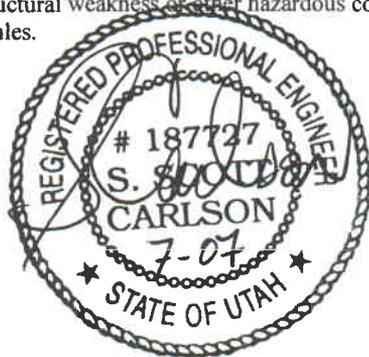
COMMENTS/ OTHER INFORMATION

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 designs and meets or exceeds 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, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

GENERAL INFORMATION

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name Borrow Area Sediment Pond
Impoundment Number 016
UPDES Permit Number UT024759
MSHA ID Number N/A

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 8.3 Acre-feet
Pond bottom elevation = 6510.0
100% Sediment Storage Volume = 2.3 acre-feet at Elevation 6514.3
60% sediment Storage Volume = 1.4 acre feet at Elevation = 6513.3
Existing Sediment Elevation = 6510 +/-

b. Principle and emergency spillway elevations.

Primary Dewatering Pipe = 6514.3
Emergency Spillway Elevation = 6517.03

2. 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 no water in it. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

Borrow Area Sediment Pond

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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 recent changes in the geometry of the structure have been observed
No water was impounded
Sediment level was good.

No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty nety Date: 7/26/07

**CERTIFIED REPORT
IMPOUNDMENT EVALUATION**

If you answer NO to these questions, please explain under comments

- 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 conditions? YES
- 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

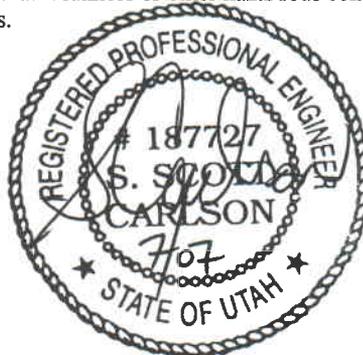
COMMENTS/ OTHER INFORMATION

None

CERTIFICATION STATEMENT:

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By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

East Slurry Cell

GENERAL INFORMATION

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

IMPOUNDMENT IDENTIFICATION

Impoundment Name East Slurry Cell
Impoundment Number N/A
UPDES Permit Number N/A
MSHA ID Number 1211-UT-09-02093-02

IMPOUNDMENT INSPECTION

Inspection Date June 20, 2007
Inspected by ~~Rusty Netz~~ Patrick D. Collins, Ph.D.
Reason for Inspection Second Quarter Inspection 2007

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

None

a. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment.

Total Pond Volume = 27 +/- Acre-feet
Pond bottom elevation = 6510 +/-
100% Sediment Storage Volume = min 2 acre-feet at Elevation 6525 +/-
60% sediment Storage Volume = min 1.2 acre feet at Elevation = 6520 +/-
Existing Sediment Elevation = 6515.0 +/-

b. Principle and emergency spillway elevations.

None
Bank elevation 6530 +/-

2. 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.

See Attached Report

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT

East Slurry Cell

3. Field Evaluation.

Describe any changes in the geometry of the impounding structure, average and maximum depths and elevation 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

Periodic excavation of stored coal fines is occurring.
No water was impounded

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 designs and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: See Attached report Date: _____

**CERTIFIED REPORT
IMPOUNDMENT EVALUATION**

If you answer NO to these questions, please explain under comments

- 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 conditions? YES
- 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? YES

COMMENTS/ OTHER INFORMATION

The East Slurry Cell is not receiving slurry from any source. Stored slurry / coal fines are being excavated for use in the adjacent power plant.

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 designs and meets or exceeds 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, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

GENERAL INFORMATION

Coarse Refuse Pile

Report Date July 20, 2007
Permit Number C/007/035
Mine Name Sunnyside Refuse and Slurry
Company Name Sunnyside Cogeneration Associates

EXCESS SPOIL PILE OR REFUSE PILE IDENTIFICATION

Pile Name Coarse Refuse Pile
Pile Number N/A
MSHA ID Number 1211-UT-09-02093-01

Inspection Date June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

Attachment to Report? (such as refuse sample analysis or photos) No

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 - Activities occurring at this time are associated with removal of refuse material

5. Final grading and revegetation of fill.

N/A

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

No aspects of the Fill structure were observed that could affect its stability or functionality

**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

Coarse Refuse Pile

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

Refuse material is actively being excavated and removed from various locations across the top of the pile

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty nety Date: 7/26/07

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 the approved design and meets or exceeds 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.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH



Affix Signature, Stamp and Date

**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

GENERAL INFORMATION

Excess Spoil Disposal Area #1

Report Date July 20, 2007
Permit Number C/007/035
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 June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

Attachment to Report? (such as refuse sample analysis or photos) **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

Placement and compaction of fill material occurred throughout this quarter. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan.

5. Final grading and revegetation of fill.

N/A

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

No aspects of the Fill structure were observed that could affect its stability or functionality

**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

Excess Spoil Disposal Area #1

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 of the fill is proceeding in shallow lifts in general conformance with the approved plan.

Approximately 5,542 tons of material were placed during the quarter.

Analytical results of 5 recent samples were received during the quarter and are attached with this report.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

Signature: Rusty nety Date: 7/26/07

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 the approved design and meets or exceeds 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.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

GENERAL INFORMATION

Excess Spoil Disposal Area #2

Report Date July 20, 2007
Permit Number C/007/035
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 June 20, 2007
Inspected by Rusty Netz
Reason for Inspection Second Quarter Inspection 2007

Attachment to Report? (such as refuse sample analysis or photos) **NO**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

Existing disturbed site. No additional topsoil removal is required by the approved plan

2. Placement of underdrains and protective filter systems.

No under-drains or filters area required by the approved plan

3. Installation of final surface drainage systems

N/A

4. Placement and compaction of fill materials

No material was placed in this disposal area during the quarter.

5. Final grading and revegetation of fill.

N/A

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

No aspects of the Fill structure were observed that could affect its stability or functionality

**INSPECTION AND CERTIFIED REPORT
ON EXCESS SPOIL PILE OR REFUSE PILE**

Excess Spoil Disposal Area #2

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 Ponds 1 & 2 have now been filled. The Clear Water Pond has been approved for inclusion within this Disposal Area. SCA has completed an enlargement of the Pasture Pond and is now in a position to decommission the Clear Water Pond and incorporate the area within this Disposal Area. They can also continue filling the disposal area to the height approved.

No materials were placed in this disposal area in 2006 or to date in 2007.

QUALIFICATION STATEMENT:

I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and that inspections are made by myself and include any appearances of instability, structural weakness or other hazardous condition of the structure affecting stability.

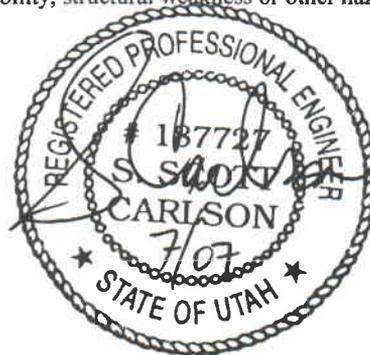
Signature: Rusty ref Date: 7/26/07

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 the approved design and meets or exceeds 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.

By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date





Railcut Pond (looking southerly)

July, 2007



Pasture Pond (looking northerly)

July, 2007



Coarse Refuse Toe Pond (looking north westerly)

July, 2007



**AMERICAN
WEST
ANALYTICAL
LABORATORIES**

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

May 09, 2007

Rusty Netz
Sunnyside Cogeneration
PO Box 159
Sunnyside, UT 84539

TEL: (435) 888-4476

FAX: (435) 888-2538

RE: D06M

Lab Set ID: L77459

Dear Rusty Netz:

American West Analytical Labs received 4 samples on 4/25/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

This cover page has been revised. There was insufficient sample volume to run the following analyses: Acid-Base accounting, SAR, and sulfur. It has been re-sampled, and these analytes will be reported on AWAL Set ID L77832.

Thank you.

Approved by: 
Laboratory Director or designee

Report Date: 5/9/2007 Page 1 of 13



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration

Contact: Rusty Netz

Project ID: D06M

Lab Sample ID: L77459-01B

Field Sample ID: North

Collected: 12/14/2006

Received: 4/25/2007

AMERICAN
WEST
ANALYTICAL
LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
Boron	mg/kg-dry	5/9/2007 9:28:53 AM	6010B	57	< 57
Calcium	mg/kg-dry	5/8/2007 9:30:45 AM	6010B	1100	12000 *
Magnesium	mg/kg-dry	5/8/2007 3:36:24 AM	6010B	110	820
Selenium	mg/kg-dry	5/1/2007 9:05:23 PM	6020	0.57	5.1
Sodium	mg/kg-dry	5/9/2007 9:28:53 AM	6010B	110	890

* The reporting limits were raised due to high analyte concentration.

(801) 263-8686

Toll Free (888) 263-8686

Fax (801) 263-8687

e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Report Date: 5/9/2007 Page 2 of 13

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contract. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-02B
Field Sample ID: South
Collected: 12/14/2006
Received: 4/25/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
463 West 3600 South Salt Lake City, Utah 84115	Boron	5/9/2007 9:33:06 AM	6010B	54	< 54
	Calcium	5/8/2007 9:34:51 AM	6010B	1100	17000 *
	Magnesium	5/8/2007 3:40:26 AM	6010B	110	650
	Selenium	5/1/2007 9:10:54 PM	6020	0.54	6.0
	Sodium	5/9/2007 9:33:06 AM	6010B	110	830

* The reporting limits were raised due to high analyte concentration.

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Report Date: 5/9/2007 Page 3 of 13

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-03B
Field Sample ID: West
Collected: 12/14/2006
Received: 4/25/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
463 West 3600 South Salt Lake City, Utah 84115	mg/kg-dry	5/9/2007 9:37:10 AM	6010B	56	< 56
	mg/kg-dry	5/8/2007 9:39:05 AM	6010B	1100	19000 *
	mg/kg-dry	5/8/2007 3:44:29 AM	6010B	110	4400
	mg/kg-dry	5/1/2007 9:16:21 PM	6020	0.56	4.4
	mg/kg-dry	5/9/2007 9:37:10 AM	6010B	110	780

* The reporting limits were raised due to high analyte concentration.

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Report Date: 5/9/2007 Page 4 of 13

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-04B
Field Sample ID: East
Collected: 12/14/2006
Received: 4/25/2007

TOTAL METALS

Analytical Results	Units	Date	Method	Reporting	Analytical
		Analyzed	Used	Limit	Results
Boron	mg/kg-dry	5/9/2007 9:41:09 AM	6010B	55	< 55
Calcium	mg/kg-dry	5/8/2007 9:42:58 AM	6010B	1100	13000 *
Magnesium	mg/kg-dry	5/8/2007 3:48:29 AM	6010B	110	500
Selenium	mg/kg-dry	5/1/2007 9:32:36 PM	6020	0.55	3.6
Sodium	mg/kg-dry	5/9/2007 9:41:09 AM	6010B	110	640

* The reporting limits were raised due to high analyte concentration.

(801) 263-8686
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Fax (801) 263-8687
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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer



ANALYTICAL REPORT

Client: Sunnyside Cogeneration
Project ID:: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-01A
Field Sample ID: North
Collected: 12/14/2006
Received: 4/25/2007

Analyzed: 4/27/2007

Analysis Requested: USC

Result

USC

463 West 3600 South
Salt Lake City, Utah
84115

Uniform Soil Classification

Poorly Graded Gravel

% Moisture: 14
*,H

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

H - Sample had expired upon receipt.

** Insufficient sample volume was received to comply with the method.*



ANALYTICAL REPORT

Client: Sunnyside Cogeneration
Project ID:: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-02A
Field Sample ID: South
Collected: 12/14/2006
Received: 4/25/2007

Analyzed: 4/27/2007

Analysis Requested: USC

<u>Result</u>		<u>USC</u>
		% Moisture: 7.9
Uniform Soil Classification	Poorly Graded Gravel	*H

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

H - Sample had expired upon receipt.

** Insufficient sample volume was received to comply with the method.*



ANALYTICAL REPORT

Client: Sunnyside Cogeneration
Project ID:: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-03A
Field Sample ID: West
Collected: 12/14/2006
Received: 4/25/2007

Analyzed: 4/27/2007

Analysis Requested: USC

Result

USC

463 West 3600 South
Salt Lake City, Utah
84115

Uniform Soil Classification

Poorly Graded Gravel

% Moisture: 9.8

*,H

(801) 263-8686
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Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

H - Sample had expired upon receipt.

** Insufficient sample volume was received to comply with the method.*



ANALYTICAL REPORT

Client: Sunnyside Cogeneration
Project ID:: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-04A
Field Sample ID: East
Collected: 12/14/2006
Received: 4/25/2007

Analyzed: 4/27/2007

Analysis Requested: USC

Result

USC

463 West 3600 South
Salt Lake City, Utah
84115

Uniform Soil Classification

Poorly Graded Gravel

% Moisture: 6.6

*,H

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

H - Sample had expired upon receipt.

** Insufficient sample volume was received to comply with the method.*



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-01

Field Sample ID: North

Collected: 12/14/2006

Received: 4/25/2007

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Conductivity	µmhos/cm	4/26/2007 6:00:00 AM	9050A	10	1800	H*
Nitrate (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.012	0.57	H
Nitrate/Nitrite (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.012	0.57	H
pH @ 25° C	pH units	4/25/2007 4:15:00 PM	9045D	0	4.08	H
TKN (as N)	mg/kg-dry	5/4/2007 12:48:00 PM	351.2	58	2100	² @H
Total Nitrogen (as N)	mg/kg-dry	5/7/2007		0.10	2100	
Total Volatile Solids	%	5/1/2007 9:30:00 AM	160.4	0.010	14	H

H - Sample was received outside of holding time.

**Analysis is performed on a 1:1 DI water extract for soils.*

@ High RPD due to suspected matrix interference.

² Analyte concentration is too high for accurate spike recovery.

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-02
Field Sample ID: South
Collected: 12/14/2006
Received: 4/25/2007

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Conductivity	µmhos/cm	4/26/2007 6:00:00 AM	9050A	10	2000	H*
Nitrate (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.011	0.57	H
Nitrate/Nitrite (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.011	0.61	H
pH @ 25° C	pH units	4/25/2007 4:15:00 PM	9045D	0	4.02	H
TKN (as N)	mg/kg-dry	5/4/2007 12:48:00 PM	351.2	54	1400	H
Total Nitrogen (as N)	mg/kg-dry	5/7/2007		0.10	1400	
Total Volatile Solids	%	5/1/2007 9:30:00 AM	160.4	0.010	12	H

H - Sample was received outside of holding time.

**Analysis is performed on a 1:1 DI water extract for soils.*



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-03
Field Sample ID: West
Collected: 12/14/2006
Received: 4/25/2007

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Conductivity	µmhos/cm	4/26/2007 6:00:00 AM	9050A	10	1900	H*
Nitrate (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.011	0.37	H
Nitrate/Nitrite (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.011	0.37	H
pH @ 25° C	pH units	4/25/2007 4:15:00 PM	9045D	0	4.74	H
TKN (as N)	mg/kg-dry	5/4/2007 12:48:00 PM	351.2	55	770	H
Total Nitrogen (as N)	mg/kg-dry	5/7/2007		0.10	770	
Total Volatile Solids	%	5/1/2007 9:30:00 AM	160.4	0.010	14	H

H - Sample was received outside of holding time.

**Analysis is performed on a 1:1 DI water extract for soils.*



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77459-04
Field Sample ID: East
Collected: 12/14/2006
Received: 4/25/2007

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84115

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Kyle F. Gross
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Peggy McNicol
QA Officer

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Result	
Conductivity	µmhos/cm	4/26/2007 6:00:00 AM	9050A	10	2000	H*
Nitrate (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.011	0.34	H
Nitrate/Nitrite (as N)	mg/kg-dry	4/27/2007 3:49:00 PM	353.2	0.011	0.34	H
pH @ 25° C	pH units	4/25/2007 4:15:00 PM	9045D	0	4.09	H
TKN (as N)	mg/kg-dry	5/4/2007 12:48:00 PM	351.2	54	2200	H
Total Nitrogen (as N)	mg/kg-dry	5/7/2007		0.10	2200	
Total Volatile Solids	%	5/1/2007 9:30:00 AM	160.4	0.010	11	H

H - Sample was received outside of holding time.

**Analysis is performed on a 1:1 DI water extract for soils.*



AMERICAN
WEST
ANALYTICAL
LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

June 18, 2007

Rusty Netz
Sunnyside Cogeneration
PO Box 159
Sunnyside, UT 84539

TEL: (435) 888-4476

FAX: (435) 888-2538

RE: D06M

Dear Rusty Netz:

Lab Set ID: L77832

American West Analytical Labs received 1 sample on 5/14/2007 for the analyses presented in the following report.

All analyses were performed in accordance to National Environmental Laboratory Accreditation Program (NELAP) protocols unless noted otherwise. If you have any questions or concerns regarding this report please feel free to call.

Pages 1 - 3 have been revised and renumbered. Acid base accounting was missing from original report.

Thank you.

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Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Approved by:

Laboratory Director or designee

Report Date: 6/18/2007 Page 1 of 3



INORGANIC ANALYSIS REPORT

Client: Sunnyside Cogeneration
Project ID: D06M

Contact: Rusty Netz

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Lab Sample ID: L77832-01A
Field Sample ID: Composite: North, South, West, East
Collected: 5/13/2007
Received: 5/14/2007

TOTAL METALS

Analytical Results	Units	Date Analyzed	Method Used	Reporting Limit	Analytical Results
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463 West 3600 South
Salt Lake City, Utah
84115

SAR		5/19/2007 10:10:42 AM		0.010	5.7
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Toll Free (888) 263-8686
Fax (801) 263-8687
e-mail: awal@awal-Labs.com

Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Report Date: 6/18/2007 Page 2 of 3

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



INORGANIC ANALYSIS REPORT

**AMERICAN
WEST
ANALYTICAL
LABORATORIES**

463 West 3600 South
Salt Lake City, Utah
84115

Client: Sunnyside Cogeneration Contact: Rusty Metz
Collected: May 13, 2006
Received: May 14, 2006
Analysis Method: Sobeck et al
Lab Sample Set ID: L77832
Calculated: June 12, 2007
Units = $\frac{\text{tons of CaCO}_3 \text{ equivalents}}{1000 \text{ tons of material}}$

Analytical Results

Lab Sample ID	Client Sample ID	Acid Generation Potential	Acid Neutralization Potential	Acid Base Account
L77832-01	Composite - North South, East, West	2.5	42	-39.5

The laboratory is not approved by NELAC for this method.

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Kyle F. Gross
Laboratory Director

Peggy McNicol
QA Officer

Report Date: 6/18/2007 Page 3 of 3

All analysis applicable to the CWA, SDWA and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached Chain-of-Custody. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



**MSHA IMPOUNDMENT
INSPECTION REPORT**

INSPECTION DATE: July 6, 2007

INSPECTOR: Patrick D. Collins, Ph.D.

COMPANY NAME: SUNNYSIDE COGENERATION ASSOCIATES

ADDRESS: No. 1 Power Plant Road
Sunnyside, Utah 84539

IMPOUNDMENT NAME: East Slurry Cell

MSHA NUMBER: 1211-UT-09-02093-02

SIZE/VOLUME: 21.36 acre-feet

EROSION PROBLEMS: None

INLET & OUTLET: Non-issue (see "NOTES" below)

EMBANKMENT STABILITY & NOTES:

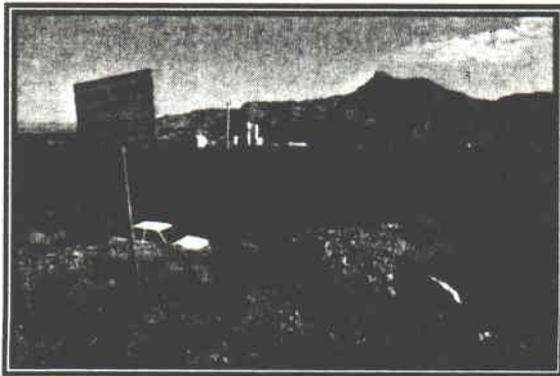
- All embankments were stable.
- North Embankment: There was never a north embankment; this side of the slurry cell was the impoundment's inlet (see "NOTES" below).
- South Embankment: Present & stable.
- East Embankment: Present & stable
- West Embankment: Removed (see "NOTES" below).
- Outer impoundment embankments were vegetated with native grasses and shrubs including: Indian ricegrass (*Stipa hymenoides*), broom snakeweed (*Gutierrezia sarothrae*) and fourwing saltbush (*Atriplex canescens*).

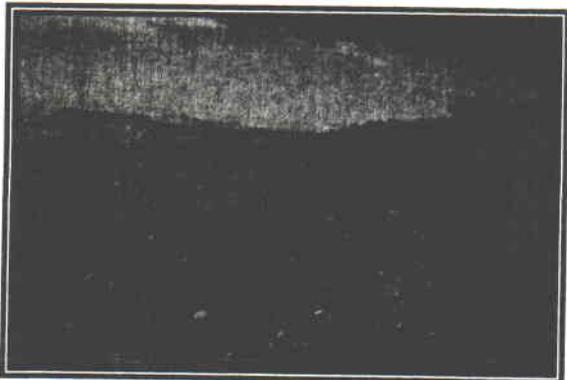
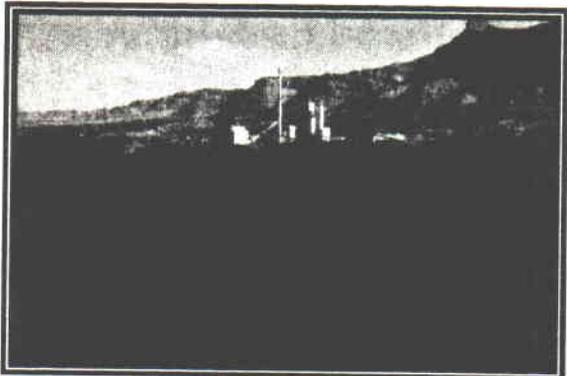
WEATHER CONDITIONS: 80 degrees, clear

WATER LEVEL: Dry

NOTES:

- This impoundment was created by the Sunnyside Coal Mine (*not* Sunnyside Co-generation Associates) as a settling pond for coal fines that were created at the mine site.
 - It was later permitted by Sunnyside Co-generation Associates as a coal source for their power plant.
 - Consequently, the fines from impoundment are currently being removed in a progressive manner, including the embankments.
 - This impoundment's current function is *not* to retain water.
 - Sunnyside Co-generation Associates are in the process of removing or abandoning this impoundment according to MSHA regulations.
 - Color photographs of the East Slurry Cell Impoundment and embankments are included below.
 - A Certificate of Training has also been included.
-





Certificate of Training

Certificate of Training U.S. Department of Labor
Mine Safety and Health Administration

Approved OMB Number 1219-0070, Expires November 30, 2004
 This certificate is required under Public Law 91-173 as amended by Public Law 95-164.
 Failure to comply may result in penalties and other sanctions as provided by sections 108 and 110, Public Law 91-173 as amended by Public Law 95-164.

➔ Issue Certificate Immediately Upon Completion of Training Serial Number (for operator's use)
0348

1 Print Full Name of Person Trained (first, middle, last)
 PATRICK COLLINS

2 Check Type of Approved Training Received:
 Annual Refresher Experienced Miner Hazard Training
 New Task (specify below) Newly Employed, Inexperienced Miner Other (specify)
Impoundment Refresher

Date	Task	Initials		Date	Task	Initials	
		Trainer	Student			Trainer	Student

3 Check Type of Operation and Related Industry:
 A Surface Construction Underground Shaft & Slope
 B Coal Metal Nonmetal

4 Date Training Requirements Completed Check if not completed and go to item 5, below
 10/14/2006

➔ If completed, go to item 6, below

5 Check Subjects Completed (use only for partially completed training):

<input type="checkbox"/> Introduction to Work Environment	<input type="checkbox"/> Roof/Ground Control & Ventilation	<input type="checkbox"/> Health
<input type="checkbox"/> Hazard Recognition	<input type="checkbox"/> Mine Map, Escapeways, Emergency Evacuation, Barricading	<input type="checkbox"/> Electrical Hazards
<input type="checkbox"/> Emergency Medical Procedures	<input type="checkbox"/> Cleanup, Rock Dusting	<input type="checkbox"/> First Aid
<input type="checkbox"/> H&S Aspects of Tasks Assigned	<input type="checkbox"/> Mandatory Health & Safety Standards	<input type="checkbox"/> Mine Gases
<input type="checkbox"/> Statutory Rights of Miners	<input type="checkbox"/> Authority & Responsibility of Supervisors & Miners Representatives	<input type="checkbox"/> Explosives
<input type="checkbox"/> Self-Rescue & Respiratory Devices	<input type="checkbox"/> Other (specify)	<input type="checkbox"/> Prevention of Accidents
<input type="checkbox"/> Transport & Communication Systems		

6 False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety & Health Act (P. L. 91-173 as amended by P. L. 95-164).
 I certify that the above training has been completed in accordance with the requirements of the Act.
Ronald J. Miller ASHA

7 Mine Name, ID, & Location of Training (if institution, give name & address)
 CASHEM - D9 OFFICE
 P.O. Box 25367, DENVER CO 80225

8 Date I verify that I have completed the above training (signature of person trained)
 10/14/06 *Ronald J. Miller*

MSHA Form 5000-23, Jan. 99 (revised) Copy 1 - Employer's Personnel Record

U.S. Department of Labor
 Mine Safety and Health Administration

Impoundment Inspection

COLLINS PATRICK D
 Qualified Date of Examination
 IMPOUNDMENT INSPECT 10/2004



MSHA Form 5000-33, Aug. 83

PRIVACY ACT OF
 1974 (P.L. 93-578)