



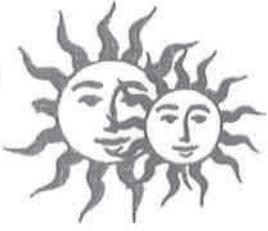
APPENDIX A CERTIFIED REPORTS



**APPENDIX A
CERTIFIED REPORTS**

FIRST QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**



Sunnyside Cogeneration Associates

P.O. Box 159 • Sunnyside, Utah 84539 • (435) 888-4476 • Fax (435) 888-2538

April 15, 2024

Amanda Daniels
Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116

RE: 1st Quarter 2024 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Amanda:

Please find enclosed a copy of the First Quarter 2024, Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil areas.

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

Thank You,

Edward McCourt
Agent For
Sunnyside Cogeneration Associates

c.c. Plant File

QUARTERLY INSPECTION FORM – IMPOUNDMENT

Rail Cut Sediment Pond

**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

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



QUARTERLY INSPECTION FORM – IMPOUNDMENT

No other aspects were observed that could affect its stability or functionality.

Old Coarse Refuse Road Sediment Pond

**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

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



QUARTERLY INSPECTION FORM – IMPOUNDMENT

Pasture Sediment Pond

**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

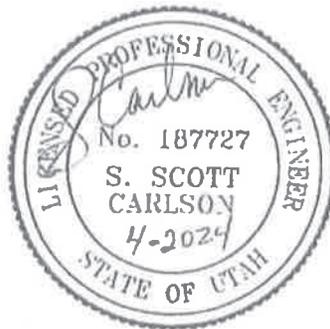
COMMENTS/ OTHER INFORMATION

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.

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QUARTERLY INSPECTION FORM – IMPOUNDMENT

Coarse Refuse Toe Sediment Pond

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



QUARTERLY INSPECTION FORM – IMPOUNDMENT

Coal Pile Sediment Pond

**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

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



QUARTERLY INSPECTION FORM – IMPOUNDMENT

Borrow Area Sediment Pond

**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

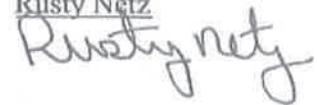
Affix Signature, Stamp and Date



QUARTERLY INSPECTION FORM – REFUSE PILE

Permit Number: C/007/035
 Mine Name: Sunnyside Refuse and Slurry
 Mine Operator (Permittee): Sunnyside Cogeneration Associates
 MSHA ID Number: 1211-UT-09-02093-04
 Facility Name: Excess Spoil Disposal Area #1

Inspection Date: March 28, 2024
First Quarter 2024

Inspector: Rusty Netz
 Signature: 

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): No material was placed in this disposal area during the year. During 2022 Q2, SCA re-graded surface and placed 2' cover material.
2. Lift Height / Thickness Avg 2 ft Maximum 2 ft Elevation of Active Benches: approx 6500-6520
3. Vertical angle of outslope(s) / Location(s) where measured max 2.5:1 North face
4. Total storage capacity: 400K-500K cuyd Remaining storage capacity estimated 50K-100K cuyd
Volume placed during year: 2024 ytd: none
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): Organic material was removed. No topsoil existed since this was a previously disturbed location
6. Describe Placement and compaction of fill materials (including an explanation of how compaction is confirmed): Material is generally granular by nature so it is placed, spread by dozer and compacted by wheel rolling
7. Is there any evidence of fires or burning on the structure? (if Yes, specify extent, location, and abatement / extinguishment of such fires): No evidence observed during this inspection.
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): No underdrains exist. Surface drainage is collected on terrace ditches and diverted off of pile. No seepage is visible
9. Describe any appearances of instability, structural weakness, and other hazardous conditions No aspects of the Fill structure were observed that could affect its stability or functionality or which indicated hazardous conditions
10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)
 - a. Are there any cracks or scarps in crest? NO none observed
 - b. Is there any detectable sloughing or bulging? NO none observed
 - c. Do slope erosion problems exist? NO erosion conditions are minimal
 - d. Cracks or scarps in slope? NO none observed
 - e. Surface movements? (valley bottom, hillsides) NO none observed
 - f. Erosion of Toe? NO none observed
 - g. Water impounded by structure? NO none observed
 - h. Are diversion ditches stable? YES appear reasonable
 - i. Is drainage positive? YES surface runoff flows to collection ditches
 - j. Could failure of structure create an impoundment (provide description)? No surface water flows exist in the vicinity
 - k. Are design standards established within the mining and reclamation plan for the disposal facility being met? Yes
 - l. Proctor Determination: none required
11. Provide copies of sample analysis for material placed in the fill. Sample analysis was provided in December 2012 for most recent material placed in fill.

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





**APPENDIX A
CERTIFIED REPORTS**

SECOND QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**