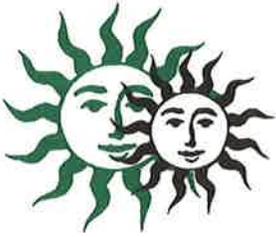


#5428
#5429

C/007/035
C/007/042

Incoming



Sunnyside Cogeneration Associates

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

March 30, 2017

Daron Haddock
Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

RE: Sunnyside Cogeneration Associates, Annual Reports
Sunnyside Refuse/Slurry, C007/035
Star Point Waste Fuel, C/007/042

Dear Mr. Haddock,

Enclosed, please find the Annual Reports for the Sunnyside Refuse/Slurry, C007/035 and Star Point Waste Fuel, C/007/042 mine sites. As requested, we have saved the reports and a variety of supplemental information electronically on the enclosed CD.

Your January 25, 2017 standard letter mentioned several items, in addition to the regular report information.

1. Raptor and archeology reports – SCA is not required to submit any raptor or archeology reports.
2. Mine map identifying mining in 2016 and proposed mining for the next five years – SCA has submitted with the report an updated mining map.

If you have any questions, please feel free to call Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

RECEIVED

APR 04 2017

c.c. Rusty Netz
Plant File

DIV. OF OIL, GAS & MINING



**SUNNYSIDE COGENERATION ASSOCIATES
SUNNYSIDE REFUSE/SLURRY
C/007/0035
2016 ANNUAL REPORT**

Submitted to:

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

RECEIVED
APR 04 2017
DIV. OF OIL, GAS & MINING



SUNNYSIDE COGENERATION ASSOCIATES
SUNNYSIDE REFUSE/SLURRY
2016 ANNUAL REPORT

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I. GENERAL PERMIT INFORMATION

Permit Number: C/007/0035

Mine Name: Sunnyside Refuse/Slurry

Permittee: Sunnyside Cogeneration Associates

**Company Representative
& Resident Agent:** Mr. Gerald Hascall
Plant Manager
One Power Plant Road
PO Box 159
Sunnyside, UT 84539
(435) 888-4476
(435) 888-2538 fax

Date of Initial Permanent Program Permit: February 4, 1993

Date of Most Recent Permit Renewal: February 4, 2013

Date of Expiration: February 4, 2018

SCA submitted multiple permit amendments during 2016. These included both the submittals for review and the clean copies after conditional approval. These amendments addressed three general areas for the permit.

- Comments from the Mid-Term Review.
- Constructed haul road S near the Pasture Pond.
- Extending haul road E to the east side of the permit.



II. IDENTIFICATION OF OTHER PERMITS

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

UPDES Permit Number: UT0024759 Renewed effective July 1, 2013
Expires June 30, 2018

Air Quality Title V Operating Permit: #700030001

SCA renewed its Title V permit in 2013. Most of the emissions are associated with the power plant adjacent to the SCA Sunnyside mining permit area. The mining operation generates little to no emissions. However the Operating Permit covers all of SCA's operations in Sunnyside.



III. CERTIFIED REPORTS

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

All of the impoundments met or exceeded the storage capacity requirements identified in the permit. Storm water discharges occurred during September 2016. These discharges from the Rail Cut Pond #007, Old Coarse Refuse Road Pond #008, Pasture Pond #009, and Coal Pile Pond #014 occurred in connection with a storm which brought nearly 6 inches of rain to the area. The other storm water ponds within the permit area were nearly full from this storm, but did not have discharges. The discharges were tested and found to be within the applicable limits required by the UPDES permit.

All of the spoils materials and coal reject materials generated during 2016 were placed in the Excess Spoil Disposal Area #2 Phase 2 area. No new materials were placed in the Excess Spoil Disposal Area #1. Construction is progressing in general conformance with design requirements as currently approved.

SCA gathered soil samples from material added in 2016 to the Excess Spoil Disposal Area #2 Phase 2, composited the samples and sent the composite sample to BYU Lab. Test results were received March 28, 2017. These analytical test results are included at the end of **Appendix A** in this report. The 2016 results will also be submitted with the 1st Quarter 2017 inspection report.

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



IV. REPORTING OF OTHER TECHNICAL DATA

1. Climatological Data

Sunnyside city has discontinued collection of weather data. No local source is available.

2. Subsidence Monitoring Data

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

3. Vegetation Monitoring Data

During 2011, SCA performed final reclamation treatment on the Phase 1 portion of the Excess Spoil Disposal Area #2. Low precipitation conditions during 2012 produced less vegetation growth than desired. SCA reseeded this area in Fall 2012. Vegetation is improving.

In an effort to perform contemporaneous reclamation, SCA is committed to reclaim areas of two acres or larger that are permanently excavated of waste, and are no longer needed for the continued operations. There are currently no additional areas that meet these criteria.

Interim reseeding has been performed in previous years on several areas throughout the permit site. This interim seeding was accomplished using the approved interim seed mix included in the permit. These areas previously reseeded with the interim revegetation seed mix have been periodically checked by SCA and appear to have vegetative growth similar to the surrounding area.



4. Raptor Surveys and Wildlife Programs

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

SCA is committed to carrying out its operations in a manner that minimizes potential impact on wildlife in the area. These operations are centered on excavation and hauling activities in and around the coal pile and storage areas. These operations continue to be performed in a manner that does not prevent the necessary migration of large mammals. No additional efforts have been requested by DOGM to provide for migration routes.

SCA also provides periodic wildlife awareness training during employee staff meetings to educate employees associated with the site activities regarding the values of the wildlife resources in the local area. Employee training advises against unnecessary harassment or taking of wildlife on site.

5. Water Monitoring Data

As required in the approved plan, SCA performed quarterly water monitoring at the specified surface and ground water monitoring locations. These sites were analyzed according to the Operational Water Quality Monitoring Parameters listed in the MRP (Appendix 7-8). The results of these analyses indicate that the water quality has remained in general similarity to that observed during the prior monitoring periods.

The 2016 water data from each of the quarterly monitoring periods was submitted to the Division throughout the year. An additional copy of the data has been included in **Appendix B** of this report.

6. Geological / Geophysical Data

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



7. Engineering Data

a. Refuse Excavation

During 2016, SCA burned approximately 78,000 tons from the Sunnyside permit area. The Sunnyside facility also received and processed approximately 212,000 tons from the Star Point facility, approximately 130,300 tons from the Price River Terminal and approximately 12,315 from Fossil Rock Fuel.

b. Excess Spoil Disposal Area #1

No new material was placed in this disposal area during 2016.

c. Excess Spoil Disposal Area #2

Approximately 29,000 tons of material was placed in the XS Spoil #2 Phase 2 area during 2016.

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

8. Soils Monitoring Data

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

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

9. Other Data

No additional periodic data is required in the approved plan.



V. LEGAL, FINANCIAL, COMPLIANCE & RELATED INFORMATION

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

In early 2017, Colmac Utah Inc. acquired the interests of Sunnyside II, L.P. SCA submitted the AVS documentation to DOGM in connection with this acquisition. The 2017 annual report will reflect the new corporate information.



VI. MINE MAPS

The mine map included in **Appendix D** of this report includes recent site contours obtained from an aerial survey used to generate contours of the site. This aerial survey was performed in April 2013. SCA intends to conduct an updated aerial survey in 2017.

Mining excavation of the refuse pile has occurred in general conformance with the approved mining plan.

Mining activity proposed for the next five years is projected to occur in general conformance with the mining plan shown on the PE Certified drawings approved in the Mining and Reclamation Permit.

Print Form

Submit by Email

Reset Form

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name	Sunnyside Cogeneration Associates	Mine Name	Sunnyside Refuse and Slurry
Permit Number	C/007/0035	Permit expiration Date	2018-02-04
Operator Name	Plant Manager - Gerald Hascall	Phone Number	+1 (435) 888-4476
Mailing Address	PO Box 159	Email	
City	Sunnyside		
State	UT	Zip Code	84539

DOGM File Location or Annual Report Location

Excess Spoil Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Submitted quarterly to DOGM
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Submitted quarterly to DOGM
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Submitted quarterly to DOGM
Other:		

OPERATOR COMMENTS

Quarterly inspections of the impoundments, refuse pile and excess spoil piles were completed during 2016 and submitted to DOGM. All impoundments performed as designed. Some ponds discharged in Sept 2016 after 5.8" rainfall event. Discharges did not exceed UPDES limits.

The refuse Pile is being excavated as intended and the Disposal Areas are being constructed in conformance with the approved plan SCA submitted permit amendments in 2016 related to Comments from the Mid-Term Review; Constructed haul road S near the Pasture Pond; Extending haul road E to the east side of the permit.

SCA received renewal of its Title V air permit in 2013
UPDES permit was renewed in 2013

REVIEWER COMMENTS

Met Requirements Did Not meet Requirements

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

Title: ANNUAL RECLAMATION

Objective: To reclaim areas no longer needed for mining activities and to reduce the acreage under the currency reclamation cost estimate.

Frequency: Annually

Status: Ongoing.

Reports: Annual- Summary of Reclamation work and include vegetation monitoring reports (if any).

Citation: MRP, Book 6, Chapter 9, page 900-25, section 9.12, paragraph 2.

Operator Comments

The Phase 1 portion of the Excess Spoil Disposal Area #2 (which reached designed capacity) was reclaimed in accordance with final reclamation requirements in 2011. Due to low precipitation in 2012, SCA seeded again in Fall 2012. Vegetation cover appears to be improving.

No other areas within the permit boundary are ready for reclamation.

Reviewer Comments Met Requirements Did Not Meet Requirements

Title: EXCESS SPOIL (REFUSE) SAMPLING

Objective: To evaluate the chemistry of the waste rock for the purpose of determining final cover depth requirement per R-645-301-553.252.

Frequency: After completion of each 2-4 ft. lift.

Status: Ongoing.

Reports: Annual report

Citation: MRP, Chapter 9, page 900-12 and Appendices 9.5 and 9-7.

Operator Comments

SCA sampled material placed in the Excess Spoil Disposal Area #2 Phase 2 in 2016. Samples were composited and tested at BYU soils lab for parameters and methods as directed by the Division. Test results were received in March 2017 and are included with this Annual Report. The 2016 results are also submitted to the Division with the 1st Quarter 2017 Inspection Reports. As has been shown by prior tests of this spoil material, SCA anticipates adding a vegetative soil cover as part of the reclamation process.

Reviewer Comments Met Requirements

Did Not Meet Requirements



FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: REFUSE SAMPLING PRIOR TO FINAL RECLAMATION

Objective: To sample the remainder of the refuse and slurry areas for acid/toxic parameters prior to final reclamation.

Frequency: Final Reclamation

Status: Ongoing

Reports: Annual

Citation: MRP, Chapter 7, Section 731.300 thru 731.320, page 700-15.

OPERATOR COMMENTS (OPTIONAL)

Surface sampling of refuse material remaining in the coarse refuse pile is scheduled to occur prior to final reclamation. No reclamation has occurred on the pile, hence the sampling program is deferred.

SCA has sampled other areas prior to final reclamation in past years. No acid/toxic concerns were noted.

REVIEWER COMMENTS

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

Sunnyside City climate data (temperature and precipitation) for 2016 is not available. (The city has discontinued data collection and no other local source is in operation)
No subsidence monitoring is required
No raptor surveys are required
Quarterly water monitoring reports are submitted to the Division throughout the year
No Geological monitoring is required.
SCA burned approximately 78,000 tons of material excavated from the Sunnyside site, in addition to material transported in from other locations (211,200 tons from Star Point, 130,300 tons from Price River Terminal and 12,315 tons from Fossil Rock Fuel).
Approximately 29,000 tons of material was placed in the Excess Spoil Disposal Area 2, Phase 2 area during the year.

Reviewer Comments

MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Mine Map	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mine sequencing plan is current in Permit documents	9-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reviewer Comments Met Requirements Did Not Meet Requirements



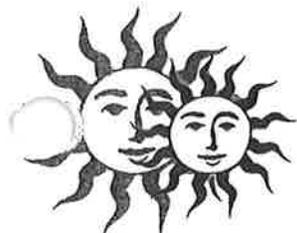
APPENDIX A CERTIFIED REPORTS



**APPENDIX A
CERTIFIED REPORTS**

FIRST QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**



Sunnyside Cogeneration Associates

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

April 22, 2016

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

RE: 1st Quarter 2016 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the First Quarter 2016 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,

Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: RailCut Sediment Pond #007
UPDES Permit Number: UT024759

Inspection Date: March 24, 2016
First Quarter 2016
Inspector: Rusty Netz
Signature: *Rusty Netz*

IMPOUNDMENT INSPECTION

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 = 6207.4 +/-

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

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

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

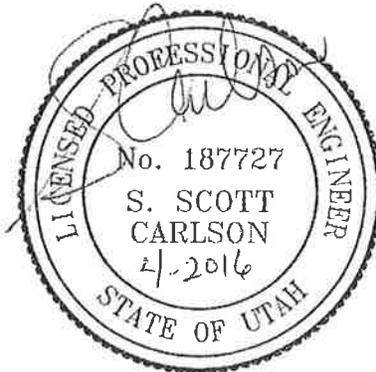
None

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

Permit Number: C/007/035 Inspection Date: March 24, 2016
Mine Name: Sunnyside Refuse and Slurry First Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Old Coarse Refuse Road Sediment Pond #008
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6394.5 +/-

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 very little standing water. 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.

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

Very little water was impounded Sediment level was good.

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

QUARTERLY INSPECTION FORM – IMPOUNDMENT

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

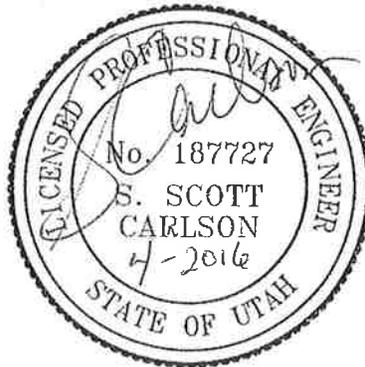
None

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

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Pasture Sediment Pond #009
UPDES Permit Number: UT024759

Inspection Date: March 24, 2016
First Quarter 2016
Inspector: Rusty Netz
Signature: *Rusty Netz*

IMPOUNDMENT INSPECTION

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 = 6485.4 +/-

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 out slopes of embankments, etc.

Pond had some water. 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.

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 were observed.
Some water was impounded Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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

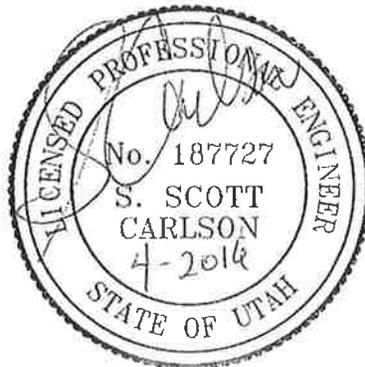
Ditch reconfiguration has been approved to direct any possible discharges from the Pasture Pond into the Coal Pile Sediment Pond resulting in no net discharge from Pasture Pond. Discharge from Pasture Pond is not common and is not expected to create a discharge from Coal Pile Sediment Pond.

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

Permit Number: C/007/035 Inspection Date: March 24, 2016
Mine Name: Sunnyside Refuse and Slurry First Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Coarse Refuse Toe Sediment Pond #012
UPDES Permit Number: U1024759

IMPOUNDMENT INSPECTION

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 = 6176.7 +/-

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 out slopes of embankments, etc.

Pond had very little standing water. 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.

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
Very little water was impounded Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Coal Pile Sediment Pond #014
UPDES Permit Number: UT024759

Inspection Date: March 24, 2016
First Quarter 2016

Inspector: Rusty Netz

Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 = 1.65 Acre-feet

Pond bottom elevation = 6471.5

100% Sediment Storage Volume = 0.65 acre-feet at Elevation 6476.0

60% Sediment Storage Volume = 0.45 acre feet at Elevation = 6474.7

Existing Sediment Elevation = 6472 +/-

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 some water. 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.

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

Some water was impounded Sediment level was good.

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

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

Ditch reconfiguration has been approved to direct any possible discharges from the Pasture Pond into the Coal Pile Sediment Pond resulting in no net discharge from Pasture Pond. Discharge from Pasture Pond is not common and is not expected to create a discharge from Coal Pile Sediment Pond.

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

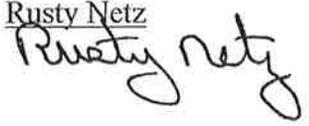


QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Borrow Area Sediment Pond #016
UPDES Permit Number: UT024759

Inspection Date: March 24, 2016
First Quarter 2016

Inspector: Rusty Netz

Signature: 

IMPOUNDMENT INSPECTION

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 out slopes of embankments, etc.

Pond had very little standing water. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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
Very little water was impounded Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

QUARTERLY INSPECTION FORM – REFUSE PILE

Permit Number:	<u>C/007/035</u>	Inspection Date: <u>March 24, 2016</u>
Mine Name:	<u>Sunnyside Refuse and Slurry</u>	<u>First Quarter 2016</u>
Mine Operator (Permittee):	<u>Sunnyside Cogeneration Associates</u>	Inspector: <u>Rusty Netz</u>
MSHA ID Number:	<u>1211-UT-09-02093-01</u>	Signature: <u>Rusty Netz</u>
Facility Name:	<u>Coarse Refuse Pile</u>	

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): **Refuse material is actively being excavated and removed from various locations across the top of the pile**
2. Lift Height / Thickness Avg 15 Maximum 25 Elevation of Active Benches: **approximately 6430, 6450, 6460**
3. Vertical angle of outslope(s) / Location(s) where measured **max 2:1 NW face**
4. Current estimated volume: **approx 3.0–3.35 Million Tons** Volume removed during year: **2016 ytd: apx. 20,000tons**
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): **NA**
6. Describe Placement and compaction of fill materials (including an explanation of how compaction is confirmed): **N/A -**
Activities occurring at this time are associated with removal of refuse material
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 of fires observed**
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): **No underdrains exist. Current surface drainage is in place. 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**

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



QUARTERLY INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

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 24, 2016
First Quarter 2016

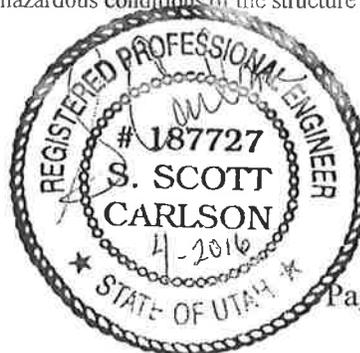
Inspector: Rusty Netz
 Signature: Rusty Netz

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
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 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: 2015 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 of fires observed
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

Affix Signature, Stamp and Date



QUARTERLY INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

Permit Number: C/007/035
 Mine Name: Sunnyside Refuse and Slurry
 Mine Operator (Permittee): Sunnyside Cogeneration Associates
 MSHA ID Number: 1211-UT-09-02093-05
 Facility Name: Excess Spoil Disposal Area #2

Inspection Date: March 24, 2016
First Quarter 2016
 Inspector: Rusty Netz
 Signature: *Rusty Netz*

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): **Approx 9,870 tons of material placed in the Phase II area during the quarter**
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 ft Elevation of Active Benches: **approx 6550**
3. Vertical angle of outslope(s) / Location(s) where measured **approx. 5:1**
4. Total storage capacity Phase II Area: **300K-350K cuyd** Remaining storage capacity **estimated 130K-180K cuyd**
 Volume placed during year: **2016 ytd: 9,870 tons**
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): **Organic material was removed. Subsoil was removed for reclamation on Phase 1 area.**
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 of fires observed**
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): **No underdrains exist. A permanent culvert routes surface water from the east side to west side of the Phase I area. Surface drainage is collected in perimeter ditches and diverted to sediment pond. 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 analyses for material placed during 2015 is attached**

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 inspections 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

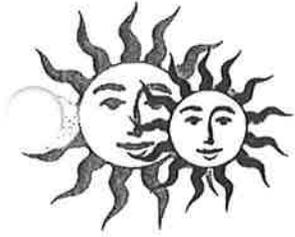




**APPENDIX A
CERTIFIED REPORTS**

SECOND QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**



Sunnyside Cogeneration Associates

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

July 16, 2016

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

RE: 2nd Quarter 2016 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the Second Quarter 2016 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,

Gerald Hascall

Agent For

Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035 Inspection Date: June 30, 2016
Mine Name: Sunnyside Refuse and Slurry Second Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: RailCut Sediment Pond #007
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6207.4 +/-

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. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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

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

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

Permit Number: C/007/035 Inspection Date: June 30, 2016
Mine Name: Sunnyside Refuse and Slurry Second Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Old Coarse Refuse Road Sediment Pond #008
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6394.5 +/-

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 standing water. 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.

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.

QUARTERLY INSPECTION FORM – IMPOUNDMENT

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

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

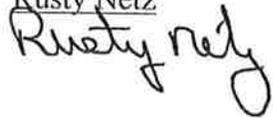


QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Pasture Sediment Pond #009
UPDES Permit Number: UT024759

Inspection Date: June 30, 2016
Second Quarter 2016

Inspector: Rusty Netz

Signature: 

IMPOUNDMENT INSPECTION

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 out slopes of embankments, etc.

Pond had no water. 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.

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

Pond was cleaned out recently.

No water was impounded Sediment level was good.

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

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

Ditch reconfiguration has been approved to direct any possible discharges from the Pasture Pond into the Coal Pile Sediment Pond resulting in no net discharge from Pasture Pond. Discharge from Pasture Pond is not common and is not expected to create a discharge from Coal Pile Sediment Pond.

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

Permit Number: C/007/035 Inspection Date: June 30, 2016
Mine Name: Sunnyside Refuse and Slurry Second Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Coarse Refuse Toe Sediment Pond #012
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6176.7 +/-

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 out slopes of embankments, etc.

Pond had no standing water. 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.

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.

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

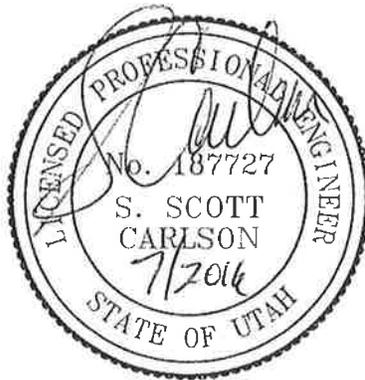
None

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

Permit Number: C/007/035 Inspection Date: June 30, 2016
Mine Name: Sunnyside Refuse and Slurry Second Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Coal Pile Sediment Pond #014
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 1.65 Acre-feet
Pond bottom elevation = 6471.5
100% Sediment Storage Volume = 0.65 acre-feet at Elevation 6476.0
60% Sediment Storage Volume = 0.45 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6471.5 +/-

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 outslopes of embankments, etc.

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

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

Pond was recently cleaned out
Some water was impounded. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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

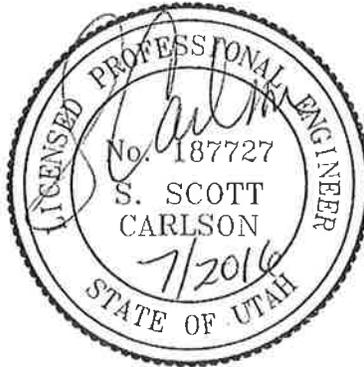
Ditch reconfiguration has been approved to direct any possible discharges from the Pasture Pond into the Coal Pile Sediment Pond resulting in no net discharge from Pasture Pond. Discharge from Pasture Pond is not common and is not expected to create a discharge from Coal Pile Sediment Pond.

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

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Borrow Area Sediment Pond #016
UPDES Permit Number: UT024759

Inspection Date: June 30, 2016
Second Quarter 2016

Inspector: Rusty Netz

Signature: 

IMPOUNDMENT INSPECTION

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 out slopes of embankments, etc.

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

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.

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 Inspection Date: June 30, 2016
Mine Name: Sunnyside Refuse and Slurry Second Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: 1211-UT-09-02093-01 Signature: Rusty Netz
Facility Name: Coarse Refuse Pile

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): **Refuse material is actively being excavated and removed from various locations across the top of the pile**
2. Lift Height / Thickness Avg 15 Maximum 25 Elevation of Active Benches: **approximately 6430, 6450, 6460**
3. Vertical angle of outslope(s) / Location(s) where measured **max 2:1 NW face**
4. Current estimated volume: **approx 3.0–3.35 Million Tons** Volume removed during year: **2016 ytd: apx. 35,719tons**
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): **NA**
6. Describe Placement and compaction of fill materials (including an explanation of how compaction is confirmed): **N/A -**
Activities occurring at this time are associated with removal of refuse material
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 of fires observed**
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): **No underdrains exist. Current surface drainage is in place. 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**

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



QUARTERLY INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

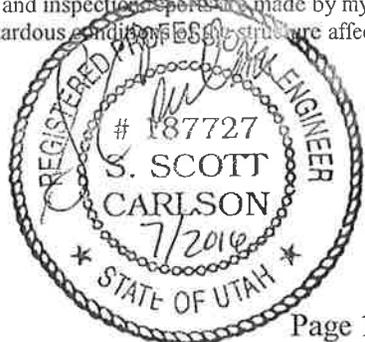
Permit Number: C/007/035 Inspection Date: June 30, 2016
 Mine Name: Sunnyside Refuse and Slurry Second Quarter 2016
 Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
 MSHA ID Number: 1211-UT-09-02093-04 Signature: Rusty Netz
 Facility Name: Excess Spoil Disposal Area #1

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
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 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: 2016 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 of fires observed
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 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

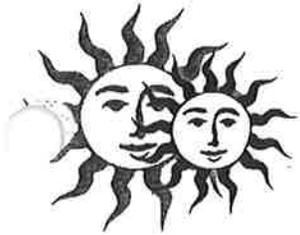




**APPENDIX A
CERTIFIED REPORTS**

THIRD QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**



Sunnyside Cogeneration Associates

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

October 19, 2016

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

RE: 3rd Quarter 2016 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the Third Quarter 2016 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,

Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: RailCut Sediment Pond #007
UPDES Permit Number: UT024759

Inspection Date: Sept 23, 2016
Third Quarter 2016

Inspector: Rusty Netz
Signature: *Rusty Netz*

IMPOUNDMENT INSPECTION

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 = 6207.5 +/-

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 was full and discharging due to storms which brought approximately 6-inches of rain in about 24 hours. Samples were taken. Visual observation indicates expectation that discharge water quality should be within UPDES requirements.

Sediment levels were good

Embankment conditions were good. Vegetation on out slopes was adequate.

Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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

Pond was full to discharge spillway elevation

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

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

Discharge samples were taken Sept 23, 2016. Results are not yet available, but expected to be within UPDES limits.

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

Permit Number: C/007/035 Inspection Date: Sept 23, 2016
Mine Name: Sunnyside Refuse and Slurry Third Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Old Coarse Refuse Road Sediment Pond #008
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6394.5 +/-

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 was full due to storms which brought approximately 6-inches of rain in about 24 hours. Pond was decanted and samples were taken. Visual observation indicates expectation that discharge water quality should be within UPDES requirements.

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.

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

Pond was full. Sediment level was good.

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

QUARTERLY INSPECTION FORM – IMPOUNDMENT

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

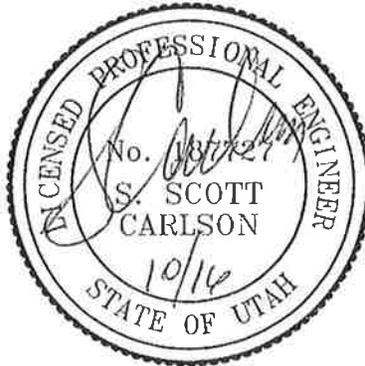
Discharge samples were taken Sept 23, 2016. Results are not yet available, but expected to be within UPDES limits.

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

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Pasture Sediment Pond #009
UPDES Permit Number: UT024759

Inspection Date: Sept 23, 2016
Third Quarter 2016

Inspector: Rusty Netz

Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 was full and discharging due to storms which brought approximately 6-inches of rain in about 24 hours. Samples were taken. Visual observation indicates expectation that discharge water quality should be within UPDES requirements.

Sediment level was good

Embankment conditions were good. Vegetation on outslopes was adequate.

Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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

Pond was full to discharge spillway elevation

Sediment level was good.

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

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

Discharge water from the Pasture Pond flowed into the Coal Pile Sediment Pond resulting in no net discharge from Pasture Pond. However discharge volume from the September 6-inch storm was more than the Coal Pile Sediment Pond could hold and therefore a discharge occurred from Coal Pile Sediment Pond. SCA will be revising the Pasture Pond discharge ditch back to its prior location.

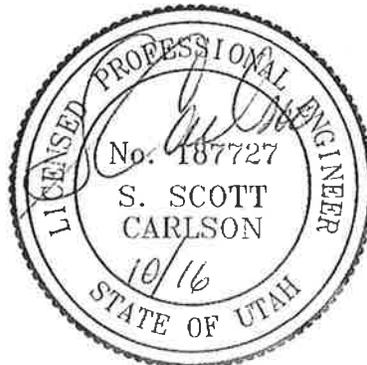
Discharge samples were taken Sept 23, 2016. Results are not yet available, but expected to be within UPDES limits.

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

Permit Number: C/007/035 Inspection Date: Sept 23, 2016
Mine Name: Sunnyside Refuse and Slurry Third Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Coarse Refuse Toe Sediment Pond #012
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6176.7 +/-

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 out slopes of embankments, etc.

Pond was nearly full but no discharge occurred. 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.

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

Pond was nearly full, but not discharging Sediment level was good.

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

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

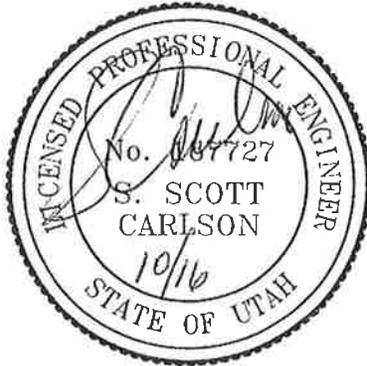
None

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

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Coal Pile Sediment Pond #014
UPDES Permit Number: UT024759

Inspection Date: Sept 23, 2016
Third Quarter 2016

Inspector: Rusty Netz

Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 = 1.65 Acre-feet

Pond bottom elevation = 6471.5

100% Sediment Storage Volume = 0.65 acre-feet at Elevation 6476.0

60% Sediment Storage Volume = 0.45 acre feet at Elevation = 6474.7

Existing Sediment Elevation = 6471.5 +/-

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 cleanup, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond was full and discharging due to storms which brought approximately 6-inches of rain in about 24 hours. Samples were taken. Visual observation indicates expectation that discharge water quality should be within UPDES requirements.

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.

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

Pond was full to discharge spillway elevation Sediment level was good.

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

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

Discharge water from the Pasture Pond flowed into the Coal Pile Sediment Pond resulting in no net discharge from Pasture Pond. However discharge volume from the September 6-inch storm was more than the Coal Pile Sediment Pond could hold and therefore a discharge occurred from Coal Pile Sediment Pond. SCA will be revising the Pasture Pond discharge ditch back to its prior location.

Discharge samples were taken Sept 23, 2016. Results are not yet available, but expected to be within UPDES limits.

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.

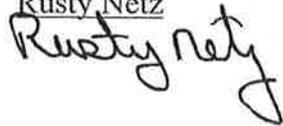
By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Borrow Area Sediment Pond #016
UPDES Permit Number: UT024759

Inspection Date: Sept 23, 2016
Third Quarter 2016
Inspector: Rusty Netz
Signature: 

IMPOUNDMENT INSPECTION

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 out slopes of embankments, etc.

Pond was nearly full, but no discharge occurred. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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
Pond was nearly full, but no discharge occurred. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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 Inspection Date: Sept 23, 2016
 Mine Name: Sunnyside Refuse and Slurry Third Quarter 2016
 Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
 MSHA ID Number: 1211-UT-09-02093-01 Signature: Rusty Netz
 Facility Name: Coarse Refuse Pile

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): **Refuse material is actively being excavated and removed from various locations across the top of the pile**
2. Lift Height / Thickness Avg 15 Maximum 25 Elevation of Active Benches: **approximately 6430, 6450, 6460**
3. Vertical angle of outslope(s) / Location(s) where measured **max 2:1 NW face**
4. Current estimated volume: **approx 3.0–3.35 Million Tons** Volume removed during year: **2016 ytd: apx. 53,000tons**
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): **NA**
6. Describe Placement and compaction of fill materials (including an explanation of how compaction is confirmed): **N/A -**
Activities occurring at this time are associated with removal of refuse material
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 of fires observed**
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): **No underdrains exist. Current surface drainage is in place. 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**

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



QUARTERLY INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

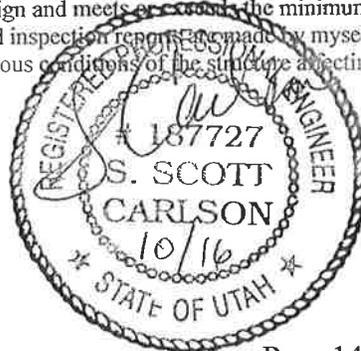
Permit Number: C/007/035 Inspection Date: Sept 23, 2016
 Mine Name: Sunnyside Refuse and Slurry Third Quarter 2016
 Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
 MSHA ID Number: 1211-UT-09-02093-04 Signature: Rusty Netz
 Facility Name: Excess Spoil Disposal Area #1

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**
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 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: **2016 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 of fires observed**
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 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



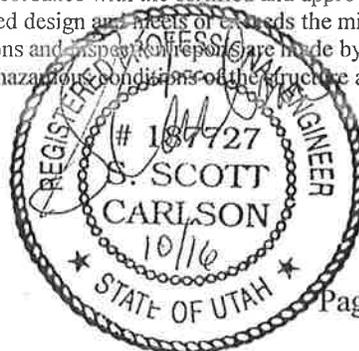
QUARTERLY INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

Permit Number: C/007/035 Inspection Date: Sept 23, 2016
 Mine Name: Sunnyside Refuse and Slurry Third Quarter 2016
 Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
 MSHA ID Number: 1211-UT-09-02093-05 Signature: Rusty Netz
 Facility Name: Excess Spoil Disposal Area #2

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): Approx 5,390 tons of material placed in the Phase II area during the quarter
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 ft Elevation of Active Benches: approx 6550
3. Vertical angle of outslope(s) / Location(s) where measured approx. 5:1
4. Total storage capacity Phase II Area: 300K-350K cuyd Remaining storage capacity estimated 120K-170K cuyd
 Volume placed during year: 2016 ytd: 9,870 +6,390 +5,390 tons
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): Organic material was removed. Subsoil was removed for reclamation on Phase 1 area.
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 of fires observed
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): No underdrains exist. A permanent culvert routes surface water from the east side to west side of the Phase 1 area. Surface drainage is collected in perimeter ditches and diverted to sediment pond. 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 analyses for material placed during 2015 was included in 1st qtr report 2016

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





Rail Cut Pond – 007 - Looking northerly

Sept 23, 2016

A major storm brought approximately 6 inches of rain in about 24 hours to the Sunnyside area on September 22, 2016. Sediment ponds at the SCA Sunnyside facilities handled the runoff well. Discharges occurred at Rail Cut Pond -007, Old Coarse Refuse Road Pons -008, Pasture Pond -009, and Coal Pile Sediment Pond -014. Other sediment ponds filled nearly full but did not discharge.



Borrow Area Pond – 016 – Looking southerly

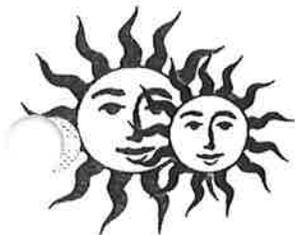
Sept 23, 2016



**APPENDIX A
CERTIFIED REPORTS**

FOURTH QUARTER INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**



Sunnyside Cogeneration Associates

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

January 17, 2017

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

RE: 4th Quarter 2016 Inspection Report
Sunnyside Refuse Pile C/007/035

Dear Daron:

Please find enclosed a copy of the Fourth Quarter 2016 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,

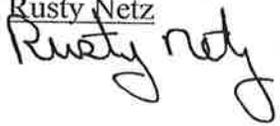
Gerald Hascall / R. N.

Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: RailCut Sediment Pond #007
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Fourth Quarter 2016
Inspector: Rusty Netz
Signature: 

IMPOUNDMENT INSPECTION

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 = 6207.6 +/-

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 snow and ice. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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

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

DMR report from the Sept 23 storm discharge is attached. Water discharged met UPDES effluent limits.

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

Permit Number: C/007/035 Inspection Date: Dec 22, 2016
Mine Name: Sunnyside Refuse and Slurry Fourth Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Old Coarse Refuse Road Sediment Pond #008
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6394.6 +/-

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 outslopes of embankments, etc.

Pond had snow and ice. No samples were taken Pond did not require decanting.

Sediment level was good.

Embankment conditions were good. Vegetation on outslopes was adequate.

Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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 significant water was impounded Sediment level was good.

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

QUARTERLY INSPECTION FORM – IMPOUNDMENT

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

DMR report from the Sept 23 storm discharge is attached. Water discharged met effluent UPDES limits.

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

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Pasture Sediment Pond #009
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Fourth Quarter 2016
Inspector: Rusty Netz
Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 = 6484.7 +/-

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 out slopes of embankments, etc.

Pond had snow and ice. 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.

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

Pond was cleaned out recently.
No significant water was impounded. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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

DMR report from the Sept 23 storm discharge is attached. Water discharged met UPDES effluent limits.

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

Permit Number: C/007/035 Inspection Date: Dec 22, 2016
Mine Name: Sunnyside Refuse and Slurry Fourth Quarter 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Coarse Refuse Toe Sediment Pond #012
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6176.8 +/-

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 snow and ice. No samples were taken. Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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 significant water was impounded. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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

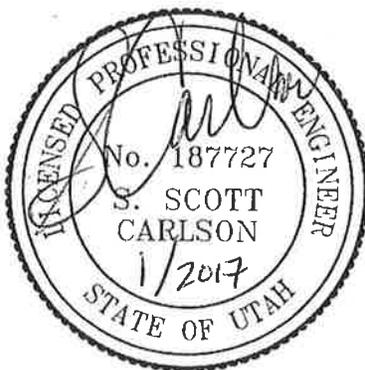
None

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.

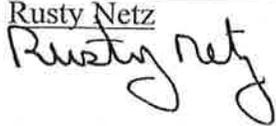
By: S. Scott Carlson, PE, Twin Peaks, P.C.
P.E. Number & State: 187727 UTAH

Affix Signature, Stamp and Date



QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Coal Pile Sediment Pond #014
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Fourth Quarter 2016
Inspector: Rusty Netz
Signature: 

IMPOUNDMENT INSPECTION

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 = 1.65 Acre-feet
Pond bottom elevation = 6471.5
100% Sediment Storage Volume = 0.65 acre-feet at Elevation 6476.0
60% Sediment Storage Volume = 0.45 acre feet at Elevation = 6474.7
Existing Sediment Elevation = 6471.7 +/-

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 cleanup, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond had snow and ice. 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.

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

Pond was recently cleaned out
No significant water was impounded. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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

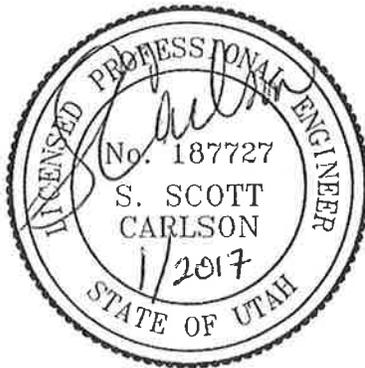
DMR report from the Sept 23 storm discharge is attached. Water discharged met UPDES effluent limits.

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

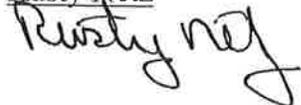


QUARTERLY INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Borrow Area Sediment Pond #016
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Fourth Quarter 2016

Inspector: Rusty Netz

Signature: 

IMPOUNDMENT INSPECTION

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 out slopes of embankments, etc.

Pond had some snow and ice. No samples were taken
Sediment level was good. Pond did not require decanting.
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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 significant water was impounded. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

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:

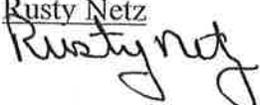
I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained 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



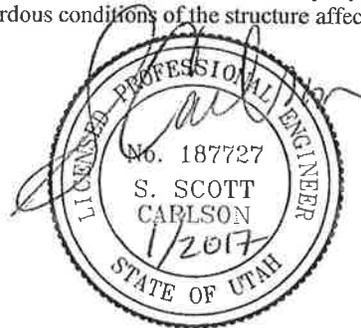
QUARTERLY INSPECTION FORM – REFUSE PILE

Permit Number: C/007/035 Inspection Date: Dec 22, 2016
 Mine Name: Sunnyside Refuse and Slurry Fourth Quarter 2016
 Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
 MSHA ID Number: 1211-UT-09-02093-01 Signature: 
 Facility Name: Coarse Refuse Pile

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): **Refuse material is actively being excavated and removed from various locations across the top of the pile**
2. Lift Height / Thickness Avg 15 Maximum 25 Elevation of Active Benches: **approximately 6430, 6450, 6460**
3. Vertical angle of outslope(s) / Location(s) where measured **max 2:1 NW face**
4. Current estimated volume: **approx 3.0–3.35 Million Tons** Volume removed during year: 2016 ytd: apx. 60,000tons
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): NA
6. Describe Placement and compaction of fill materials (including an explanation of how compaction is confirmed): N/A -
Activities occurring at this time are associated with removal of refuse material
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 of fires observed**
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): **No underdrains exist. Current surface drainage is in place. 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** Sept storms caused erosion on west slope. Repairs were completed. See photo.
 - 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**

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



QUARTERLY INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

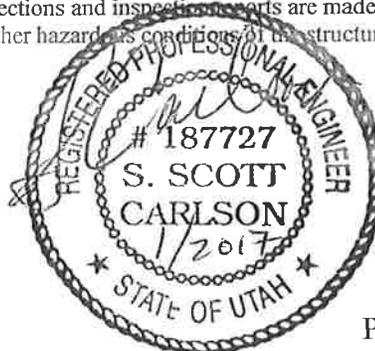
Permit Number: C/007/035 Inspection Date: Dec 22, 2016
 Mine Name: Sunnyside Refuse and Slurry Fourth Quarter 2016
 Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
 MSHA ID Number: 1211-UT-09-02093-04 Signature: Rusty Netz
 Facility Name: Excess Spoil Disposal Area #1

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**
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 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: **2016 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 of fires observed**
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

Affix Signature, Stamp and Date





Coarse Refuse Pile – NorthWest Facing Slope

Jan 4, 2017

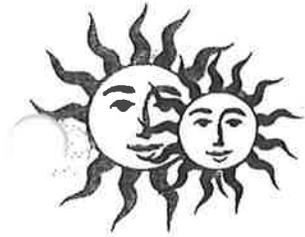
A major storm brought approximately 6 inches of rain in about 24 hours to the Sunnyside area on September 22, 2016. Erosion occurred on this outer slope of the coarse refuse pile. Repairs were made to the eroded area and can be seen on the upper white stripe (covered with snow) in this photo.



**APPENDIX A
CERTIFIED REPORTS**

ANNUAL INSPECTION

**IMPOUNDMENTS, REFUSE PILE
AND DISPOSAL AREAS**



Sunnyside Cogeneration Associates

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

January 17, 2017

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

RE: Annual 2016 Inspection Report
Sunnyside Refuse and Slurry C/007/035

Dear Mr. Haddock:

Please find enclosed a copy of the Annual 2016 Inspection Report for the Sunnyside refuse pile, impoundments, and excess spoil areas.

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

Thank You,

Gerald Hascall / R.N.

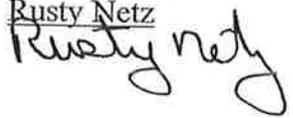
Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

ANNUAL INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: RailCut Sediment Pond #007
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz
Signature: 

IMPOUNDMENT INSPECTION

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 = 6207.6 +/-

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 snow and ice. No samples were taken Pond did not require decanting
Sediment levels were good
Embankment conditions were good. Vegetation on out slopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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

ANNUAL 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

DMR report from the Sept 23 storm discharge is attached. Water discharged met UPDES effluent limits.

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



ANNUAL INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035 Inspection Date: Dec 22, 2016
Mine Name: Sunnyside Refuse and Slurry Annual 2016
Mine Operator (Permittee): Sunnyside Cogeneration Associates Inspector: Rusty Netz
MSHA ID Number: N/A Signature: Rusty Netz
Impoundment Name: Old Coarse Refuse Road Sediment Pond #008
UPDES Permit Number: UT024759

IMPOUNDMENT INSPECTION

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 = 6394.6 +/-

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 cleanup, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond had snow and ice. No samples were taken Pond did not require decanting.

Sediment level was good.

Embankment conditions were good. Vegetation on outslopes was adequate.

Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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 significant water was impounded Sediment level was good.

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

ANNUAL INSPECTION FORM – IMPOUNDMENT

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

DMR report from the Sept 23 storm discharge is attached. Water discharged met effluent UPDES limits.

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



ANNUAL INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Pasture Sediment Pond #009
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz

Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 = 6484.7 +/-

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 cleanup, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond had snow and ice. 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.

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

Pond was cleaned out in 2016.

No significant water was impounded. Sediment level was good.

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

ANNUAL 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

DMR report from the Sept 23 storm discharge is attached. Water discharged met UPDES effluent limits.

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

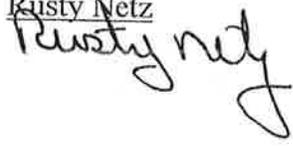
Affix Signature, Stamp and Date



ANNUAL INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Coarse Refuse Toe Sediment Pond #012
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz
Signature: 

IMPOUNDMENT INSPECTION

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 = 6176.8 +/-

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 snow and ice. No samples were taken. Pond did not require decanting.
Sediment level was good.
Embankment conditions were good. Vegetation on outslopes was adequate.
Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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 significant water was impounded. Sediment level was good.
No other aspects of the impounding structure were observed that could affect its stability or functionality.

ANNUAL 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

September storms filled pond but did not discharge. Water has since dissipated.

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



ANNUAL INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Coal Pile Sediment Pond #014
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz

Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 = 1.65 Acre-feet

Pond bottom elevation = 6471.5

100% Sediment Storage Volume = 0.65 acre-feet at Elevation 6476.0

60% Sediment Storage Volume = 0.45 acre feet at Elevation = 6474.7

Existing Sediment Elevation = 6471.7 +/-

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 outslopes of embankments, etc.

Pond had snow and ice. No samples were taken. Pond did not require decanting.

Sediment level was good.

Embankment conditions were good. Vegetation on outslopes was adequate.

Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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

Pond was cleaned out in 2016

No significant water was impounded. Sediment level was good.

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

ANNUAL 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

DMR report from the Sept 23 storm discharge is attached. Water discharged met UPDES effluent limits.

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



ANNUAL INSPECTION FORM – IMPOUNDMENT

Permit Number: C/007/035
Mine Name: Sunnyside Refuse and Slurry
Mine Operator (Permittee): Sunnyside Cogeneration Associates
MSHA ID Number: N/A
Impoundment Name: Borrow Area Sediment Pond #016
UPDES Permit Number: UT024759

Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz

Signature: Rusty Netz

IMPOUNDMENT INSPECTION

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 cleanup, pond decanting, embankment erosion/ repairs, monitoring information, vegetation on out slopes of embankments, etc.

Pond had some snow and ice.

No samples were taken

Sediment level was good. Pond did not require decanting.

Embankment conditions were good. Vegetation on out slopes was adequate.

Inlet / Outlet conditions were good. No structural or hazardous conditions were observed.

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 significant water was impounded. Sediment level was good.

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

ANNUAL 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

September storms filled this pond but did not discharge. Water has since dissipated.

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



ANNUAL 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-09-02093-01
Facility Name: Coarse Refuse Pile

Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz
Signature: Rusty Netz

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): Refuse material is actively being excavated and removed from various locations across the top of the pile
2. Lift Height / Thickness Avg 15 Maximum 25 Elevation of Active Benches: approximately 6430, 6450, 6460
3. Vertical angle of outslope(s) / Location(s) where measured max 2:1 NW face
4. Current estimated volume: approx 3.0-3.35 Million Tons Volume removed during year: 2016 ytd: apx. 60,000 tons
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): NA
6. Describe Placement and compaction of fill materials (including an explanation of how compaction is confirmed): N/A -
Activities occurring at this time are associated with removal of refuse material
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 of fires observed
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): No underdrains exist. Current surface drainage is in place. 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 Sept storms caused erosion on west slope. Repairs were completed. See photo.
 - 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

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



ANNUAL INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

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: Dec 22, 2016
Annual 2016

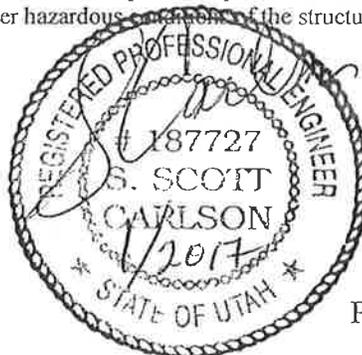
Inspector: Rusty Netz
Signature: Rusty Netz

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
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 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: 2016 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 of fires observed
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

Affix Signature, Stamp and Date



Sunnyside Refuse and Slurry

Page 14 of 15

ANNUAL INSPECTION FORM – EXCESS SPOIL DISPOSAL AREA

Permit Number: C/007/035
 Mine Name: Sunnyside Refuse and Slurry
 Mine Operator (Permittee): Sunnyside Cogeneration Associates
 MSHA ID Number: 1211-UT-09-02093-05
 Facility Name: Excess Spoil Disposal Area #2

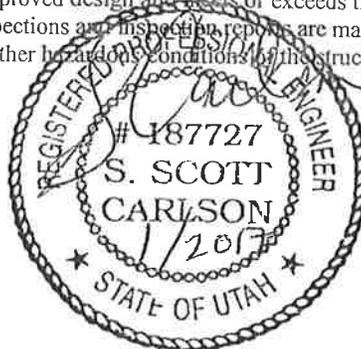
Inspection Date: Dec 22, 2016
Annual 2016

Inspector: Rusty Netz
 Signature: *Rusty Netz*

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes): **Approx 29,000 tons of material placed in the Phase II area during the year**
2. Lift Height / Thickness Avg 2-4 ft Maximum 4 ft Elevation of Active Benches: **approx 6550**
3. Vertical angle of outslope(s) / Location(s) where measured **approx. 5:1**
4. Total storage capacity Phase II Area: **300K-350K cuyd** Remaining storage capacity **estimated 115K-165K cuyd**
 Volume placed during year: **2016 ytd: 9,870 +6,390+5,390 +7,315 tons**
5. Describe foundation preparation, (including the removal of vegetation, stumps, topsoil, and all organic material): **Organic material was removed. Subsoil was removed for reclamation on Phase 1 area.**
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 of fires observed**
8. Describe placement of underdrains and protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow): **No underdrains exist. A permanent culvert routes surface water from the east side to west side of the Phase 1 area. Surface drainage is collected in perimeter ditches and diverted to sediment pond. 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 analyses for material placed during 2016 will be included in 1st qtr report 2017**

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

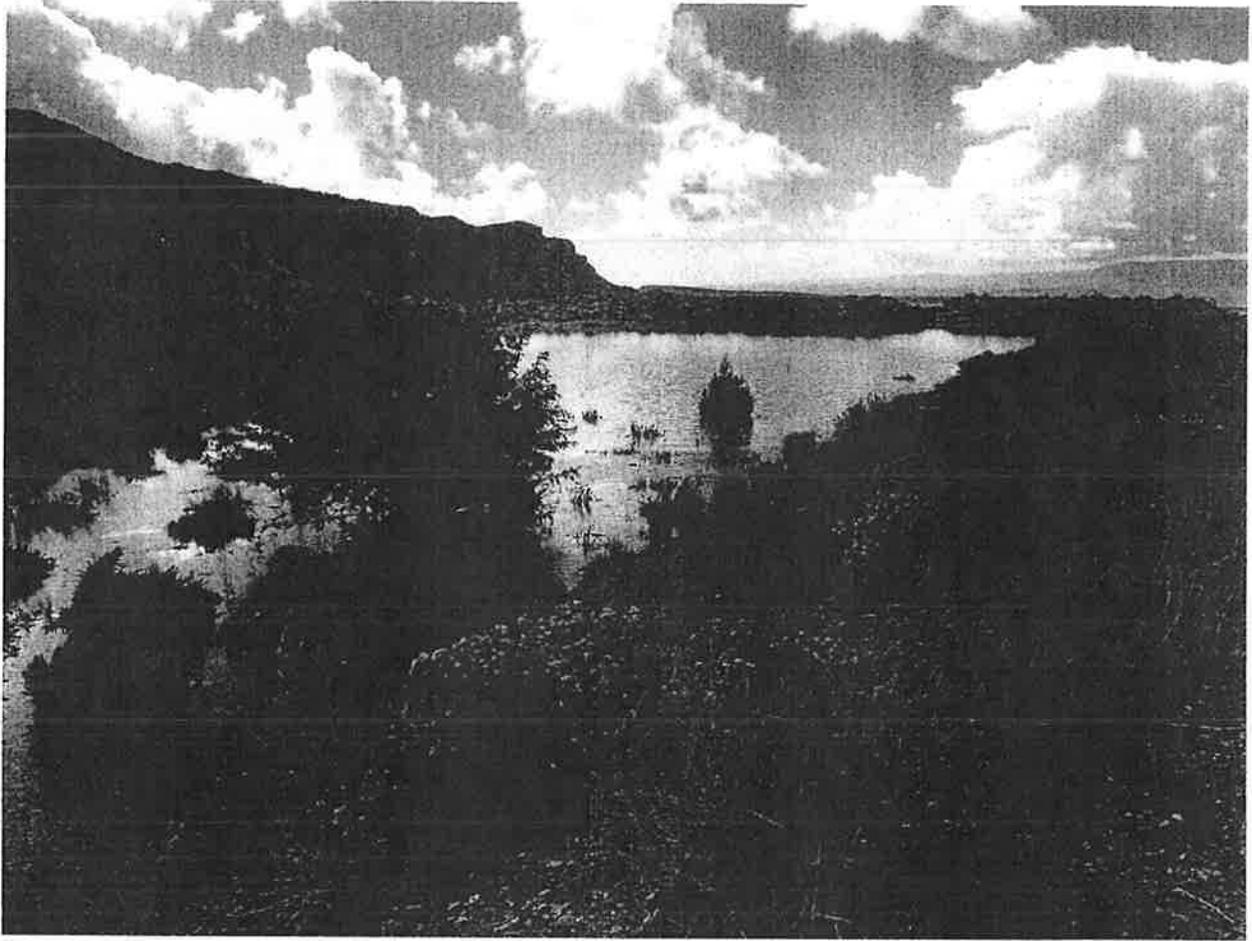




Rail Cut Pond – 007 - Looking northerly

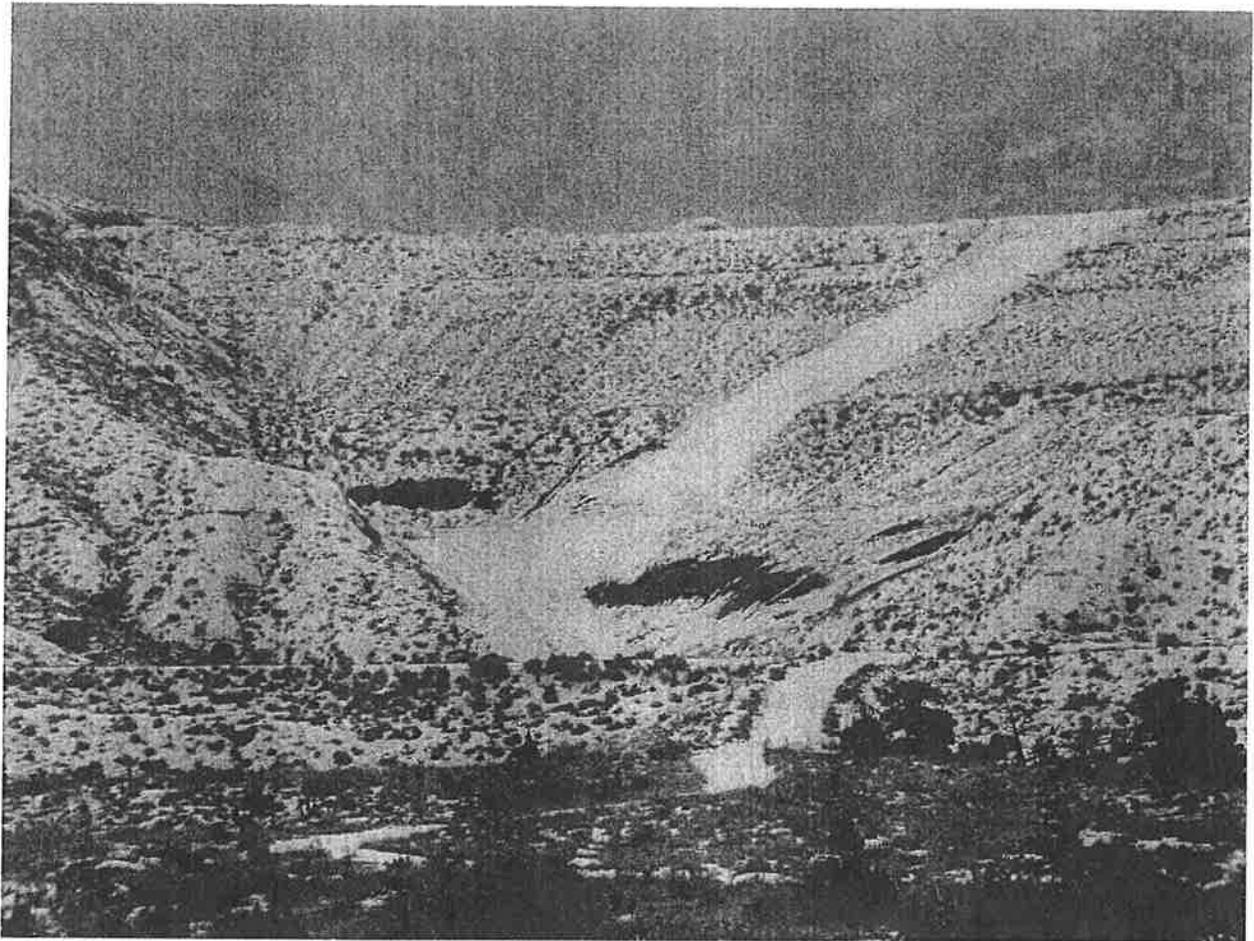
Sept 23, 2016

A major storm brought approximately 6 inches of rain in about 24 hours to the Sunnyside area on September 22, 2016. Sediment ponds at the SCA Sunnyside facilities handled the runoff well. Discharges occurred at Rail Cut Pond -007, Old Coarse Refuse Road Pons -008, Pasture Pond -009, and Coal Pile Sediment Pond -014. Other sediment ponds filled nearly full but did not discharge.



Borrow Area Pond – 016 – Looking southerly

Sept 23, 2016



Coarse Refuse Pile – NorthWest Facing Slope

Jan 4, 2017

A major storm brought approximately 6 inches of rain in about 24 hours to the Sunnyside area on September 22, 2016. Erosion occurred on this outer slope of the coarse refuse pile. Repairs were made to the eroded area and can be seen on the upper white stripe (covered with snow) in this photo.

DMR Copy of Record

Permit #: **UT0024739** No
 Major: **SUNNYSIDE COGENERATION ASSOC.**
 Facility Location: **P. O. BOX 10 EAST CARBON, UT 84520**

Permitted Features: **007-A RAIL CUT POND, ICELANDER CREEK**
 Report Dates & Status: **007-A RAIL CUT POND, ICELANDER CREEK**
 Monitoring Period: **From 09/17/14 to 09/30/14**
 Considerations for **Permit Compliance**

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE NIA FOR SETTABLE SOLIDS WHEN APPROPRIATE

Principal Executive Officer: **Gerold Hazcoll**
 Title: **Plant Manager**
 Telephone: **435-888-4475**

First Name: **Gerold**
 Last Name: **Hazcoll**

No Data Indicator (NDDI): **0**
 Form NDDI: **0**

Code	Parameter Name	Monitoring Location	Season	Alarm	Value 1	Quantity or Loading	Value 2	Quantity	Value 3	Units	# of Frequency of Analysis	Sample Type
0005	Flow rate	1 - Effluent	0	0	1 30DA AVG	08 - MGD	Req Mon DAILY MX	08 - MGD	Req Mon DAILY MX	08 - MGD	0100 - Monthly	MS - MEASRD
0000	Oxygen, dissolved [DO]	1 - Effluent	0	0	8 - Conditional Monitoring - Not Required This Period	8 87	9 - Conditional Monitoring - Not Required This Period	8 87	9 - Conditional Monitoring - Not Required This Period	mg/L	0100 - Monthly	GR - GRAB
0040	pH	1 - Effluent	0	0	8 5 MINIMUM	8 5 MINIMUM	9 - Conditional Monitoring - Not Required This Period	8 5 MINIMUM	9 - Conditional Monitoring - Not Required This Period	mg/L	0100 - Monthly	GR - GRAB
0050	Solids, total suspended	1 - Effluent	0	0	25 30DA AVG	25 30DA AVG	9 - Conditional Monitoring - Not Required This Period	35 MX 7D AV	70 DAILY MX	mg/L	0100 - Monthly	GR - GRAB
0054	Solids, settleable	0 - See Comments	0	0	5 DAILY MX	5 DAILY MX	9 - Conditional Monitoring - Not Required This Period	5 DAILY MX	9 - Conditional Monitoring - Not Required This Period	m/L	0100 - Monthly	GR - GRAB
0104	Iron, total (as Fe)	1 - Effluent	0	0	1 DAILY MX	1 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1 DAILY MX	9 - Conditional Monitoring - Not Required This Period	mg/L	0100 - Monthly	GR - GRAB
0090	Oil and grease	0 - See Comments	0	0	10 DAILY MX	10 DAILY MX	9 - Conditional Monitoring - Not Required This Period	10 DAILY MX	9 - Conditional Monitoring - Not Required This Period	mg/L	0100 - Monthly	GR - GRAB
4991	Sanitary waste discharged-strewn	1 - Effluent	0	0	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	mg/L	0100 - Monthly	VI - VISUAL
7020	Oil and grease visual	0 - See Comments	0	0	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	mg/L	0100 - Monthly	GR - GRAB
8080	Oil and grease visual	0 - See Comments	0	0	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	mg/L	0100 - Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors

Comments

On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.5 inches of rain in a 24 hr. period. This rain event was greater than the 10yr24hr. storm event and greater than the 100 yr. storm event. SCA misinterpreted the language in it's UPDES permit and did not sample for all the parameters under Part 1.D.1. SCA only sampled for pH from the CO7 UPDES discharge outlet. The language in SCA's permit states that during a storm event greater than the 10yr24hr. storm event the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for aluminum, manganese, iron, and copper. It must be noted that, during a storm event greater than the 10yr24hr. event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits for: Al, Fe, Mn, Cu, and Pb. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User:

Sunnyside1

Name:

Rudy Netz

E-Mail:

rnetz@sscogen.com

Date/Time:

2016-10-17 15:07 (Time Zone: 06:00)

Submission Note

If a parameter row does not contain any values for the Sample, nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type

Edit Check Errors

No errors

Comments

On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr period. This rain event was greater than the 10yr/24hr storm event and greater than the 100 yr storm event. SCA misunderstood the language in its LUPDES permit and did not sample for all the parameters under Part D.1. SCA only sampled for pH from the 007 LUPDES discharge outfall. The language in SCA's permit states that during a storm event greater than the 10yr/24hr storm event, the permittees may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substantiate the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits (per Mike Herkimer). Mike Herkimer of UDWO was very helpful in clarifying the language in SCA's permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User:

Sunnyside1

Name:

Rusty Netz

E-Mail:

netz@sscogen.com

Date/Time:

2016-10-17 15:09 (Time Zone: -06:00)

DMR Copy of Record

Permit: UTG024759
 Permit #: NO
 Major: External Outfall

Permitted Facility: 009
 From 09/01/16 to 09/30/16
 Monitoring Period:
 Considerations for Form Completion
 Principal Executive Officer:

First Name: Gerald
 Last Name: Hascall

No Data Indicator (NODI)

Form NODI:

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Discharges: 009-A
 PASTURE POND, ICELANDER CREEK
 DMR Due Date: 10/29/16

Facility Location: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Status: NADMR Validated

Telephone: 435-869-4176

Title: Plant Manager

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE NA FOR SETTLEABLE SOLIDS WHEN APPROPRIATE

Code	Permitted Name	Regulating Location	Season	Param	Sample	Frequency	Value 1	Units	Quality	Value 2	Quantity of Loading	Quality of Contamination	Value 3	Units	Frequency of Sample
0058	Flow rate	1 - Effluent	G	Flow	Flow	1-30DA AVG	9 - Conditional Monitoring - Not Required This Period	03 - MGD		Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly MEASRD
0030	Oxygen, dissolved [DO]	1 - Effluent	G	Oxygen	DO	5 MO AV MN	9 - Conditional Monitoring - Not Required This Period			5 MO AV MN	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
0040	pH	1 - Effluent	G	pH	pH	6.5 MINIMUM	9 - Conditional Monitoring - Not Required This Period			6.5 MINIMUM	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
0060	Solids, total suspended	1 - Effluent	G	Solids	TSS	25 30DA AVG	9 - Conditional Monitoring - Not Required This Period			25 30DA AVG	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
0054	Solids, settleable	O - See Comments	G	Solids	SS	5 DAILY MX	9 - Conditional Monitoring - Not Required This Period			5 DAILY MX	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
0104	Oil and grease, total [as F ₄]	1 - Effluent	G	Oil and Grease	OG	10 DAILY MX	9 - Conditional Monitoring - Not Required This Period			10 DAILY MX	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
0052	Oil and grease	O - See Comments	G	Oil and Grease	OG	10 DAILY MX	9 - Conditional Monitoring - Not Required This Period			10 DAILY MX	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
4591	Sanitary waste discharged-sewerage	1 - Effluent	G	Sanitary Waste	SW	1500 DAILY MX	9 - Conditional Monitoring - Not Required This Period			1500 DAILY MX	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly GR - GRAB
6408	Oil and grease visual	O - See Comments	G	Oil and Grease	OG	0 DAILY MX	9 - Conditional Monitoring - Not Required This Period			0 DAILY MX	9 - Conditional Monitoring - Not Required This Period				0100 - Monthly VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample no., Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type

Edit Check Errors

No errors

Comments

On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. SCA misunderstood the language in its LPDES permit and did not sample for all the parameters under Part 1.D.1. SCA only sampled for pH from the 007 LPDES discharge outfall. The language in SCA's permit states that during a storm event greater than the 10yr/24hr. storm event the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr. event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits (Per Mike Herkimer). Mike Herkimer of UDWQ was very helpful in clarifying the language in SCA's permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User:

Sunnyside1

Name:

Rusty Netz

E-Mail:

rneiz@sscogen.com

Date/Time:

2016-10-17 15:10 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permit #: No
Major: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P O BOX 10 EAST CARBON, UT 84520
Permitted Feature: 014 External Outfall
Discharge: 014-A ICELANDER CREEK
Report Dates & Status: From 09/01/16 to 09/30/16
Monitoring Period: 10/28/16
Considerations for Form Completion: NetDMR Validated

Principal Executive Officer: Gerald Hascall
First Name: Gerald
Last Name: Hascall
Title: Plant Manager
Telephone: 435-688-4476

Form NODI: No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. #	Quantity or Loading	Value 1	Value 2	Value 3	Quantity or Concentration	Value 1	Value 2	Value 3	Units	Frequency of Analysis	Sample Type
00058	Flow rate	1 - Effluent Gross	C	1	130DA AVG 9 - Conditional Monitoring - Not Required This Period	03 - MGD	Req. Min DAILY MX 9 - Conditional Monitoring - Not Required This Period							01/00 - Monthly	MS - MEASRD
00000	Oxygen, dissolved [DO]	1 - Effluent Gross	0	1	5 DAILY MN 9 - Conditional Monitoring - Not Required This Period		8.31						19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	1	65 MINIMUM		8.31						12 - SU	01/30 - Monthly	GR - GRAB
00630	Solids, total suspended	1 - Effluent Gross	0	1	25 30DA AVG 9 - Conditional Monitoring - Not Required This Period								19 - mg/L	01/30 - Monthly	GR - GRAB
03560	Oil and grease	1 - Effluent Gross	0	1	15 30DA AVG 9 - Conditional Monitoring - Not Required This Period								19 - mg/L	01/30 - Monthly	GR - GRAB
4561	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	1	Req. Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period									01/30 - Monthly	V1 - VISUAL
70255	Solids, total dissolved	1 - Effluent Gross	0	1	Req. Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period									01/30 - Monthly	GR - GRAB
84060	Oil and grease visual	1 - Effluent Gross	0	1	Req. Mon DAILY MX 9 - Conditional Monitoring - Not Required This Period									01/30 - Monthly	V1 - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample not, Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type

Comments

On 9/22/16 the 9:23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr storm event and greater than the 100 yr. storm event. The language in SCAs permit states that during a storm event greater than the 10yr/24hr storm event the permittee is required to sample for pH only

DMR Check Errors

No errors.

Comments

On 9/22/16 the 9:23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr storm event and greater than the 100 yr. storm event. The language in SCAs permit states that during a storm event greater than the 10yr/24hr storm event the permittee is required to sample for pH only

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility Location: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM
 Exermal Outfall
 Discharge: SUKKA
 THE SUM OF ALL OUTFALLS

Report Dates & Status
 Monitoring Period: From 09/01/16 to 09/30/16
 DMR Due Date: 10/28/16
 Status: NetDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall
 Title: Plant Manager
 Telephone: 435-883-4476

No Data Indicator (NOD)
 Form NOD: -
 Monitoring Location Season: 8 Pattern: NOD

Code	Parameter Name	Monitoring Location Season	Pattern	NOD	Qualifier 1 Value 1	Qualifier 2 Value 2	Quantity or Loading Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
70296	Solids, total dissolved 1 - Effluent Gross	0	-	-	2000	DAILY	MX	26-lb/d	01:30	Monthly	GR	GRAB		

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type
 Edit Check Errors

Comments
 On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 6.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. SCA misunderstood the language in it's UPDES permit and did not sample for all the parameters under Part D 1. SCA only sampled for pH from the 007 UPDES discharge outfall. The language in SCAs permit states that during a storm event greater than the 10yr/24hr storm event the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits (Pc - Mike Herdiney) Mike Herdiney of UDWA was very helpful in clarifying the language in SCAs permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments
 No attachments

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: melz@sscogen.com

Date/Time: 2016-10-17 15:21 (Time Zone: -6:00)



Rail Cut Pond – 007 - Looking northerly

Sept 23, 2016

A major storm brought approximately 6 inches of rain in about 24 hours to the Sunnyside area on September 22, 2016. Sediment ponds at the SCA Sunnyside facilities handled the runoff well. Discharges occurred at Rail Cut Pond -007, Old Coarse Refuse Road Pons -008, Pasture Pond -009, and Coal Pile Sediment Pond -014. Other sediment ponds filled nearly full but did not discharge.



Borrow Area Pond – 016 – Looking southerly

Sept 23, 2016



Coarse Refuse Pile – NorthWest Facing Slope

Jan 4, 2017

A major storm brought approximately 6 inches of rain in about 24 hours to the Sunnyside area on September 22, 2016. Erosion occurred on this outer slope of the coarse refuse pile. Repairs were made to the eroded area and can be seen on the upper white stripe (covered with snow) in this photo.



**APPENDIX A
CERTIFIED REPORTS**

**EXCESS SPOIL DISPOSAL AREA #2
SOIL SAMPLE ANALYTICAL RESULTS**

BRIGHAM YOUNG UNIVERSITY

Environmental Analytical Laboratory

1026 LSB

Provo, UT 84602

801-422-2147

**Plant and Wildlife Sciences
Department**

Name Sunnyside Cogeneration
 Street One Power Plant Road
Sunnyside Utah 84539
 City State Zip

SAMPLE TEST REPORT AND RECOMMENDATIONS

Date: 28-Mar-17
 Telephone: 435-888-4476
 Work Order: 859

Sample Identification	Crop to be grown	pH	% Sand	% Silt	% Clay	Soil Texture	% Organic Matter	% Organic Carbon
12/2/16 Composite Sample Spoils Material	Turf	7.5	58.9	20.7	20.4	Sandy Clay Loam	7.3	4.2

Test	Results	Very Low	Low	Medium	High	Very High	Recommendations
Nitrate-Nitrogen ppm N	1.9	X					apply 2.8 lbs of N/1000 sq ft
Phosphorus ppm P	9.0		X				apply 1.4 lbs of P2O5/1000 sq ft
Potassium ppm K	134				X		no fertilizer needed
Salinity-EcE dS/m	3.9			X			potential salinity problem
Boron mg/kg B	3.4				X		
Selenium mg/kg Se	0.04	X					
SAR-Sodium Adsorption Ratio	0.2	X		X			no sodium hazard
Calcium-SAR ppm Ca	568						
Potassium SAR ppm K	29						
Magnesium SAR ppm Mg	36						
Sodium SAR ppm Na	22						
Sulfur % S	0.41		X				
Acid Potential tons CaCO3/1000 tons	12.8						
Ca Carbonate %CaCO3	8.7		X				
Neutralization Pot. tons CaCO3/1000 tons	87.0						
Acid Base Potential tons CaCO3/1000 tons	74.2	X					Good

Notes:



APPENDIX B WATER MONITORING



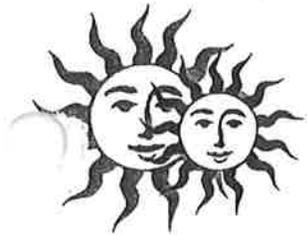
APPENDIX B WATER MONITORING

FIRST QUARTER



APPENDIX B WATER MONITORING

SECOND QUARTER



Sunnyside Cogeneration Associates

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

April 25, 2016

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

Subject: Quarterly Sampling Report
Monitoring Period: January, February, March 2016
DOGM Operational Water Monitoring

Dear Daron:

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

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

Thank You,

Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundry Water Quality Monitoring Plan
Monitoring Period: First Quarter 2016
Samples taken March 9, 2016

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Iceland Creek	ICE-1	6.8	8.88	7579	10.8	40	2
Columbia Dugway Spring	F-2	3.95	9.22	2136	11	5	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	8.8	8.49	8019	9.6	50	2
Dragerton Well	Well-1	NW	NW	N'W	NW	NW	NW
Borehole B-6	B-6	NW	NW	N'W	NW	NW	NW

Notes:

na - no flow

N'W- no water present

N'W/F- no water present frozen

nd - data is not available due to lack of discharge

1- Flow rates were measured using a weir.

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

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

4 - Flow rates were measured using a meter



Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 4

Client Sample ID: ICE-1
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE-1
Sample Taken By: RN
Time Sampled: 1130
Time Received: 1100
Mine: 27
Site: 12
Field - pH: 8.88 pH
Field - Conductivity: 7579 UMHOS/CM
Field - Temperature: 6.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-003

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3569	mg/L	SM2340-B	1	2016-03-21	11:06:15	HF
Acidity	<5	mg/L	D1067	5	2016-03-16	08:00:00	MS
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-03-14	09:00:00	HF
Anions	118.60	meq/L	SM1030E	0	2016-03-21	11:06:13	HF
Cations	108.95	meq/L	SM1030E	0	2016-03-21	11:06:13	HF
Balance	4.24	%	SM1030E	-10	2016-03-21	11:06:13	HF
Alkalinity, mg CaCO3/L (pH 4.5)	370	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Bicarbonate Alkalinity as CaCO3	370	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Nitrogen, Ammonia	<0.1	mg/L	SM4500-B-D	0.1	2016-03-31	09:00:00	HF
pH	8.55		SM4500-H	0.01	2016-03-10	14:47:00	MS
pH Temperature	13.50	°C	SM4500-H	0.01	2016-03-10	14:47:00	MS
Conductivity	633	µmhos/cm	SM2510	0.1	2016-03-10	12:00:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-03-10	12:00:00	MS
Total Dissolved Solids	7916	mg/L	SM2540-C	30	2016-03-15	11:35:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-03-15	11:35:00	MS
Nitrate	6.07	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
Nitrite	0.84	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
Nitrate + Nitrite as Nitrogen	6.91	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

Member of the SGS Group (Société Générale de Surveillance)

This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 4

Client Sample ID: ICE-1
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE-1
Sample Taken By: RN
Time Sampled: 1130
Time Received: 1100
Mine: 27
Site: 12
Field - pH: 8.88 pH
Field - Conductivity: 75/9 UMHOS/CM
Field - Temperature: 6.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-003

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Chloride, Cl	201	mg/L	EPA 300.0	1	2016-03-21	13:47:00	HF
Sulfate, SO4	5069	mg/L	EPA 300.0	1	2016-03-21	13:47:00	HF
Ortho-Phosphate-P	<0.05	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
Fluoride, F1	1.42	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
METALS BY ICP							
Aluminum, Al - Total	0.13	mg/L	EPA 200.7	0.03	2013-03-15	10:00:00	HF
Aluminum, Al - Dissolved	0.12	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Arsenic, As - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Arsenic, As - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Boron, B - Total	3.25	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Boron, B - Dissolved	3.05	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Barium, Ba - Total	0.015	mg/L	EPA 200.7	0.002	2013-03-15	10:00:00	HF
Barium, Ba - Dissolved	0.015	mg/L	EPA 200.7	0.002	2016-03-15	12:00:00	HF
Cadmium, Cd - Total	0.001	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Cadmium, Cd - Dissolved	<0.001	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF
Calcium, Ca - Total	444.50	mg/L	EPA 200.7	0.03	2013-03-15	10:00:00	HF
Calcium, Ca - Dissolved	402.21	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Chromium, Cr - Total	0.023	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Chromium, Cr - Dissolved	<0.001	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 3 of 4

Client Sample ID: ICE-1
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE-1
Sample Taken By: RN
Time Sampled: 1130
Time Received: 1100
Mine: 27
Site: 12
Field - pH: 8.88 pH
Field - Conductivity: 7579 UMHOS/CM
Field - Temperature: 6.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-003

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
METALS BY ICP (continued)							
Copper, Cu - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Copper, Cu - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.05	2013-03-15	10:00:00	HF
Iron, Fe - Dissolved	0.04	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Lead, Pb - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Lead, Pb - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Magnesium, Mg - Total	597.14	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Magnesium, Mg - Dissolved	532.41	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Manganese, Mn - Total	<0.002	mg/L	EPA 200.7	0.002	2013-03-15	10:00:00	HF
Manganese, Mn - Dissolved	0.003	mg/L	EPA 200.7	0.002	2016-03-15	12:00:00	HF
Molybdenum, Mo - Total	0.023	mg/L	EPA 200.7	0.005	2013-03-15	10:00:00	HF
Molybdenum, Mo - Dissolved	0.018	mg/L	EPA 200.7	0.005	2016-03-15	12:00:00	HF
Nickel, Ni - Total	0.014	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Nickel, Ni - Dissolved	0.010	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF
Potassium, K - Total	142.10	mg/L	EPA 200.7	0.14	2013-03-15	10:00:00	HF
Potassium, K - Dissolved	120.90	mg/L	EPA 200.7	0.14	2016-03-15	12:00:00	HF
Selenium, Se - Total	0.12	mg/L	EPA 200.7	0.02	2013-03-15	10:00:00	HF
Selenium, Se - Dissolved	<0.02	mg/L	EPA 200.7	0.02	2016-03-15	12:00:00	HF
Sodium, Na - Total	1107.79	mg/L	EPA 200.7	0.09	2013-03-15	10:00:00	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
FAST CARBON UT 84520

Page 4 of 4

Client Sample ID: ICE-1
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE-1
Sample Taken By: RN
Time Sampled: 1130
Time Received: 1100
Mine: 27
Site: 12
Field - pH: 8.88 pH
Field - Conductivity: 7579 UMHOS/CM
Field - Temperature: 6.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-003

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include Sodium, Na - Dissolved, Zinc, Zn - Total, and Zinc, Zn - Dissolved.

Handwritten signature
Lab Supervisor
Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 4

Client Sample ID:	F-2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Mar 9, 2016	Sample Taken At:	F-2
Date Received:	Mar 10, 2016	Sample Taken By:	RN
Product Description:	WATER	Time Sampled:	1050
		Time Received:	1100
		Mine:	27
		Site:	11
		Field - pH:	9.22 ph
		Field - Conductivity:	2136 UMHOS/CM
		Field - Temperature:	3.95 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-002

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED	
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	993	mg/L	SM2340-B	1	2016-03-21	11:06:14	HF
Acidity	<5	mg/L	D1067	5	2016-03-16	08:00:00	MS
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-03-14	09:00:00	HF
Anions	26.67	meq/L	SM1030E	0	2016-03-21	11:06:13	HF
Cations	27.32	meq/L	SM1030E	0	2016-03-21	11:06:13	HF
Balance	1.20	%	SM1030E	-10	2016-03-21	11:06:13	HF
Alkalinity, mg CaCO3/L (pH 4.5)	401	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Bicarbonate Alkalinity as CaCO3	401	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Nitrogen, Ammonia	<0.1	mg/L	SM4500-B-D	0.1	2016-03-31	09:00:00	HF
pH	8.53		SM4500-H	0.01	2016-03-10	14:46:00	MS
pH Temperature	13.40	°C	SM4500-H	0.01	2016-03-10	14:46:00	MS
Conductivity	1885	µmhos/cm	SM2510	0.1	2016-03-10	12:00:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-03-10	12:00:00	MS
Total Dissolved Solids	1795	mg/L	SM2540-C	30	2016-03-15	11:35:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-03-15	11:35:00	MS
Nitrate	6.49	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
Nitrite	0.85	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
Nitrate + Nitrite as Nitrogen	7.33	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 4

Client Sample ID: F-2
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: F-2
Sample Taken By: RN
Time Sampled: 1050
Time Received: 1100
Mine: 27
Site: 11
Field - pH: 9.22 ph
Field - Conductivity: 2136 UMHOS/CM
Field - Temperature: 3.95 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-002

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Chloride, Cl	57	mg/L	EPA 300.0	1	2016-03-21	13:47:00	HF
Sulfate, SO4	821	mg/L	EPA 300.0	1	2016-03-21	13:47:00	HF
Ortho-Phosphate-P	<0.05	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
Fluoride, Fl	0.63	mg/L	EPA 300.0	0.05	2016-03-21	13:47:00	HF
METALS BY ICP							
Aluminum, Al - Total	0.05	mg/L	EPA 200.7	0.03	2013-03-15	10:00:00	HF
Aluminum, Al - Dissolved	0.16	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Arsenic, As - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Arsenic, As - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Boron, B - Total	0.22	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Boron, B - Dissolved	0.26	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Barium, Ba - Total	0.031	mg/L	EPA 200.7	0.002	2013-03-15	10:00:00	HF
Barium, Ba - Dissolved	0.028	mg/L	EPA 200.7	0.002	2016-03-15	12:00:00	HF
Cadmium, Cd - Total	<0.001	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Cadmium, Cd - Dissolved	<0.001	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF
Calcium, Ca - Total	137.91	mg/L	EPA 200.7	0.03	2013-03-15	10:00:00	HF
Calcium, Ca - Dissolved	128.27	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Chromium, Cr - Total	0.011	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Chromium, Cr - Dissolved	<0.001	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF

Lab Supervisor

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Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 3 of 4

Client Sample ID: F-2
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: F-2
Sample Taken By: RN
Time Sampled: 1050
Time Received: 1100
Mine: 27
Site: 11
Field - pH: 9.22 ph
Field - Conductivity: 2136 UMHOS/CM
Field - Temperature: 3.95 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-002

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
METALS BY ICP (continued)							
Copper, Cu - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Copper, Cu - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Iron, Fe - Total	0.07	mg/L	EPA 200.7	0.05	2013-03-15	10:00:00	HF
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Lead, Pb - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Lead, Pb - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Magnesium, Mg - Total	157.48	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Magnesium, Mg - Dissolved	145.41	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Manganese, Mn - Total	0.015	mg/L	EPA 200.7	0.002	2013-03-15	10:00:00	HF
Manganese, Mn - Dissolved	0.009	mg/L	EPA 200.7	0.002	2016-03-15	12:00:00	HF
Molybdenum, Mo - Total	0.013	mg/L	EPA 200.7	0.005	2013-03-15	10:00:00	HF
Molybdenum, Mo - Dissolved	0.011	mg/L	EPA 200.7	0.005	2016-03-15	12:00:00	HF
Nickel, Ni - Total	0.005	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Nickel, Ni - Dissolved	0.003	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF
Potassium, K - Total	5.91	mg/L	EPA 200.7	0.14	2013-03-15	10:00:00	HF
Potassium, K - Dissolved	6.61	mg/L	EPA 200.7	0.14	2016-03-15	12:00:00	HF
Selenium, Se - Total	0.07	mg/L	EPA 200.7	0.02	2013-03-15	10:00:00	HF
Selenium, Se - Dissolved	<0.02	mg/L	EPA 200.7	0.02	2016-03-15	12:00:00	HF
Sodium, Na - Total	281.21	mg/L	EPA 200.7	0.09	2013-03-15	10:00:00	HF

[Signature]

Lab Supervisor
Domenic Ibanez
Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 4 of 4

Client Sample ID: F-2
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: F-2
Sample Taken By: RN
Time Sampled: 1050
Time Received: 1100
Mine: 27
Site: 11
Field - pH: 9.22 ph
Field - Conductivity: 2136 UMHOS/CM
Field - Temperature: 3.95 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-002

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with results for Sodium, Zn - Total, and Zn - Dissolved.

Handwritten signature of Domenic Ibanez

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 4

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Mar 9, 2016	Sample Taken At:	CRB
Date Received:	Mar 10, 2016	Sample Taken By:	RN
Product Description:	WATER	Time Sampled:	1027
		Time Received:	1100
		Mine:	27
		Site:	9
		Field - pH:	8.49 pH
		Field - Dis. Oxygen:	9.6 MG/L
		Field - Flow:	50 GPM
		Field - Conductivity:	8019 UMHOS/CM
		Field - Temperature:	8.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-001

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED	
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3854	mg/L	SM2340-B	1	2016-03-21	11:06:13	HF
Acidity	<5	mg/L	D1067	5	2016-03-16	08:00:00	MS
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-03-14	09:00:00	HF
Anions	123.38	meq/L	SM1030E	0	2016-03-21	11:06:13	HF
Cations	111.97	meq/L	SM1030E	0	2016-03-21	11:06:13	HF
Balance	-4.85	%	SM1030E	-10	2016-03-21	11:06:13	HF
Alkalinity, mg CaCO3/L (pH 4.5)	371	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Bicarbonate Alkalinity as CaCO3	371	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-03-14	11:30:00	MS
Nitrogen, Ammonia	<0.1	mg/L	SM4500-B-D	0.1	2016-03-31	09:00:00	HF
pH	7.96		SM4500-H	0.01	2016-03-10	14:45:00	MS
pH Temperature	13.80	°C	SM4500-H	0.01	2016-03-10	14:45:00	MS
Conductivity	7150	µmhos/cm	SM2510	0.1	2016-03-10	12:00:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-03-10	12:00:00	MS
Total Dissolved Solids	8493	mg/L	SM2540-C	30	2016-03-15	11:35:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-03-15	11:35:00	MS
Nitrate	6.07	mg/L	EPA 300.0	0.05	2016-03-10	12:00:00	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 4

Client Sample ID: CRB
Date Sampled: Mar 9, 2016
Date Received: Mar 10, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: CRB
Sample Taken By: RN
Time Sampled: 1027
Time Received: 1100
Mine: 27
Site: 9
Field - pH: 8.49 pH
Field - Dis. Oxygen: 9.6 MG/L
Field - Flow: 50 GPM
Field - Conductivity: 8019 UMHOS/CM
Field - Temperature: 8.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-001

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Nitrite	0.84	mg/L	EPA 300.0	0.05	2016-03-10	12:00:00	HF
Nitrate + Nitrite as Nitrogen	6.91	mg/L	EPA 300.0	0.05	2016-03-10	12:00:00	HF
Chloride, Cl	221	mg/L	EPA 300.0	1	2016-03-22	13:47:24	HF
Sulfate, SO4	5419	mg/L	EPA 300.0	1	2016-03-22	13:47:24	HF
Ortho-Phosphate-P	<0.05	mg/L	EPA 300.0	0.05	2016-03-10	12:00:00	HF
Fluoride, Fl	2.71	mg/L	EPA 300.0	0.05	2016-03-22	13:47:24	HF
METALS BY ICP							
Aluminum, Al - Total	0.12	mg/L	EPA 200.7	0.03	2013-03-15	10:00:00	HF
Aluminum, Al - Dissolved	0.06	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF
Arsenic, As - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Arsenic, As - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF
Boron, B - Total	3.67	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF
Boron, B - Dissolved	2.54	mg/L	EPA 200.7	0.01	2013-03-15	12:00:00	HF
Barium, Ba - Total	0.012	mg/L	EPA 200.7	0.002	2013-03-15	10:00:00	HF
Barium, Ba - Dissolved	0.008	mg/L	EPA 200.7	0.002	2016-03-15	12:00:00	HF
Cadmium, Cd - Total	0.001	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF
Cadmium, Cd - Dissolved	<0.001	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 3 of 4

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Mar 9, 2016	Sample Taken At:	CRB
Date Received:	Mar 10, 2016	Sample Taken By:	RN
Product Description:	WATER	Time Sampled:	1027
		Time Received:	1100
		Mine:	27
		Site:	9
		Field - pH:	8.49 pH
		Field - Dis. Oxygen:	9.6 MG/L
		Field - Flow:	50 GPM
		Field - Conductivity:	8019 UMHOS/CM
		Field - Temperature:	8.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-001

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED		
				LIMIT	DATE	TIME	ANALYST	
METALS BY ICP (continued)								
Calcium, Ca - Total	483.11	mg/L	EPA 200.7	0.03	2013-03-15	10:00:00	HF	
Calcium, Ca - Dissolved	397.49	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF	
Chromium, Cr - Total	0.024	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF	
Chromium, Cr - Dissolved	<0.001	mg/L	EPA 200.7	0.001	2016-03-15	12:00:00	HF	
Copper, Cu - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF	
Copper, Cu - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF	
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.05	2013-03-15	10:00:00	HF	
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2016-03-15	12:00:00	HF	
Lead, Pb - Total	<0.01	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF	
Lead, Pb - Dissolved	<0.01	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF	
Magnesium, Mg - Total	642.90	mg/L	EPA 200.7	0.01	2013-03-15	10:00:00	HF	
Magnesium, Mg - Dissolved	514.54	mg/L	EPA 200.7	0.01	2016-03-15	12:00:00	HF	
Manganese, Mn - Total	<0.002	mg/L	EPA 200.7	0.002	2013-03-15	10:00:00	HF	
Manganese, Mn - Dissolved	<0.002	mg/L	EPA 200.7	0.002	2016-03-15	12:00:00	HF	
Molybdenum, Mo - Total	0.024	mg/L	EPA 200.7	0.005	2013-03-15	10:00:00	HF	
Molybdenum, Mo - Dissolved	0.012	mg/L	EPA 200.7	0.005	2016-03-15	12:00:00	HF	
Nickel, Ni - Total	0.015	mg/L	EPA 200.7	0.001	2013-03-15	10:00:00	HF	

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

April 14, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 4 of 4

Client Sample ID: CRB
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Date Received: Mar 10, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: CRB
Sample Taken By: RN
Time Sampled: 1027
Time Received: 1100
Mine: 27
Site: 9
Field - pH: 8.49 pH
Field - Dis. Oxygen: 9.6 MG/L
Field - Flow: 50 GPM
Field - Conductivity: 8019 UMHOS/CM
Field - Temperature: 8.80 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1634532-001

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various elements like Nickel, Potassium, Selenium, Sodium, and Zinc.

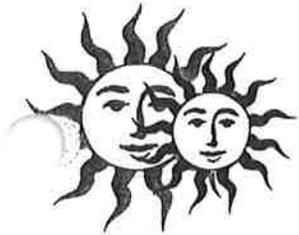
Handwritten signature and printed name: Lab Supervisor, Domenic Ibanez, Lab Supervisor

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Sunnyside Cogeneration Associates

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

July 12, 2016

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

Subject: Quarterly Sampling Report
Monitoring Period: April, May, June 2016
DOGM Operational Water Monitoring

Dear Daron:

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

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

Thank You,

Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundary Water Quality Monitoring Plan
Monitoring Period: Second Quarter 2016
Samples taken June 14, 2016

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Iceland Creek	ICE-1	15.5	8.6	8990	9.3	20	2
Columbia Dugway Spring	F-2	NW	NW	NW	NW	NW	NW
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	13.6	8.03	9440	9.9	35	2
Dragerton Well	Well-1	NW	NW	NW	NW	NW	NW
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

na - no flow

NW- no water present

NW/F- no water present frozen

nd - data is not available due to lack of discharge

1- Flow rates were measured using a weir.

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

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

4 - Flow rates were measured using a meter



Analysis Report

July 13, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

Client Sample ID:	ICE	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 14, 2016	Sample Taken At:	ICE
Date Received:	Jun 15, 2016	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	1000
		Time Received:	1400
		Mine:	27
		Site:	12
		Field - pH:	8.60 pH
		Field - Dis. Oxygen:	9.3 MG/L
		Field - Flow:	20 GPM
		Field - Conductivity:	8990 UMHOS/CM
		Field - Temperature:	15.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1637454-002

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED	
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3205	mg/L	SM2340-B	1	2016-06-29	11:00:00	HF
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-06-17	06:00:00	MS
Anions	121.35	meq/L	SM1030E	0	2016-06-29	11:00:00	HF
Cations	130.09	meq/L	SM1030E	0	2016-06-29	11:00:00	HF
Balance	3.47	%	SM1030E	-10	2016-06-29	11:00:00	HF
Alkalinity, mg CaCO3/L (pH 4.5)	377	mg/L	SM2320-B	5	2016-06-21	09:00:00	MS
Bicarbonate Alkalinity as CaCO3	377	mg/L	SM2320-B	5	2016-06-21	09:00:00	MS
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-06-21	09:00:00	MS
pH	8.18		SM4500-H	0.01	2016-06-15	15:08:00	MS
pH Temperature	15.20	°C	SM4500-H	0.01	2016-06-15	15:08:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-06-15	16:30:00	MS
Total Dissolved Solids	9377	mg/L	SM2540-C	30	2016-06-16	15:00:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-06-16	15:00:00	MS
Chloride, Cl	200	mg/L	EPA 300.0	1	2016-06-17	16:49:00	HF
Sulfate, SO4	5196	mg/L	EPA 300.0	1	2016-06-17	16:49:00	HF
METALS BY ICP							
Calcium, Ca - Dissolved	407.15	mg/L	EPA 200.7	0.03	2016-06-24	08:28:31	HF



Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
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Analysis Report

July 13, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

Client Sample ID: ICE
Date Sampled: Jun 14, 2016
Date Received: Jun 15, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE
Sample Taken By: RCS
Time Sampled: 1000
Time Received: 1400
Mine: 27
Site: 12
Field - pH: 8.60 pH
Field - Dis. Oxygen: 9.3 MG/L
Field - Flow: 20 GPM
Field - Conductivity: 8990 UMHOS/CM
Field - Temperature: 15.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1637454-002

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various metal concentrations and methods.

Handwritten signature of Domenic Ibanez

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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July 13, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 14, 2016	Sample Taken At:	CRB
Date Received:	Jun 15, 2016	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0945
		Time Received:	1400
		Mine:	27
		Site:	9
		Field - pH:	8.03 pH
		Field - Dis. Oxygen:	9.9 MG/L
		Field - Flow:	35 GPM
		Field - Conductivity:	9440 UMHOS/CM
		Field - Temperature:	13.6 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1637454-001

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3432	mg/L	SM2340-B	1	2016-06-29	11:00:00	HF
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-06-17	06:00:00	MS
Anions	134.56	meq/L	SM1030E	0	2016-06-29	11:00:00	HF
Cations	137.88	meq/L	SM1030E	0	2016-06-29	11:00:00	HF
Balance	1.22	%	SM1030E	-10	2016-06-29	11:00:00	HF
Alkalinity, mg CaCO3/L (pH 4.5)	389	mg/L	SM2320-B	5	2016-06-21	09:00:00	MS
Bicarbonate Alkalinity as CaCO3	389	mg/L	SM2320-B	5	2016-06-21	09:00:00	MS
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-06-21	09:00:00	MS
pH	8.11		SM4500-H	0.01	2016-06-15	15:08:00	MS
pH Temperature	15.10	°C	SM4500-H	0.01	2016-06-15	15:08:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-06-15	16:30:00	MS
Total Dissolved Solids	9570	mg/L	SM2540-C	30	2016-06-16	15:00:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-06-16	15:00:00	MS
Chloride, Cl	205	mg/L	EPA 300.0	1	2016-06-17	16:49:00	HF
Sulfate, SO4	5811	mg/L	EPA 300.0	1	2016-06-17	16:49:00	HF
METALS BY ICP							
Calcium, Ca - Dissolved	441.32	mg/L	EPA 200.7	0.03	2016-06-24	08:28:31	HF



Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

July 13, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARRON UT 84520

Page 2 of 2

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Jun 14, 2016	Sample Taken At:	CRB
Date Received:	Jun 15, 2016	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0945
		Time Received:	1400
		Mine:	27
		Site:	9
		Field - pH:	8.03 pH
		Field Dis. Oxygen:	9.9 MG/L
		Field - Flow:	35 GPM
		Field - Conductivity:	9440 UMHOS/CM
		Field - Temperature:	13.6 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1637454-001

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.05	2016-06-17	12:00:00	HF
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2016-06-24	08:28:31	HF
Magnesium, Mg - Dissolved	565.70	mg/L	EPA 200.7	0.01	2016-06-24	08:28:31	HF
Manganese, Mn - Total	<0.002	mg/L	EPA 200.7	0.002	2016-06-17	12:00:00	HF
Manganese, Mn - Dissolved	<0.002	mg/L	EPA 200.7	0.002	2016-06-24	08:28:31	HF
Potassium, K - Dissolved	132.65	mg/L	EPA 200.7	0.14	2016-06-24	08:28:31	HF
Sodium, Na - Dissolved	1515.64	mg/L	EPA 200.7	0.09	2016-06-24	08:28:31	HF

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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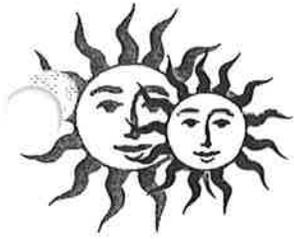
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APPENDIX B WATER MONITORING

THIRD QUARTER



Sunnyside Cogeneration Associates

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

October 28, 2016

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

Subject: Quarterly Sampling Report
Monitoring Period: July, August, September 2016
DOGM Operational Water Monitoring

Dear Daron:

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

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

Thank You,

GERALD HASCALL / R.N.

Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundary Water Quality Monitoring Plan
Monitoring Period: Third Quarter 2016
Samples taken September 29, 2016

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Iceland Creek	ICE-1	14.4	8.7	8940	10.3	100	2
Columbia Dugway Spring	F-2	12.4	8.79	3195	9.3	15	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	17	8.6	9445	9.2	100	2
Dragerton Well	Well-1	15.5	8.72	1588	7.3	150	4
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

- na - no flow
- NW- no water present
- NW/F- no water present frozen
- nd - data is not available due to lack of discharge
- 1- Flow rates were measured using a weir.
- 2 - Flow rates were measured using a calibrated container and stopwatch method.
- 3 - Flow rates were measured using the floating debris method.
- 4 - Flow rates were measured using a meter



Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

Client Sample ID:	Well-1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Sep 29, 2016	Sample Taken At:	Well-1
Date Received:	Sep 30, 2016	Sample Taken By:	R.N.
Product Description:	WATER	Time Sampled:	1000
		Time Received:	1030
		Mine:	27
		Site:	8
		Field - pH:	8.72 pH
		Field - Dis. Oxygen:	9.3 MG/L
		Field - Flow:	258 GPM
		Field - Conductivity:	1588 UMHOS/CM
		Field - Temperature:	15.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-001

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED	
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	499	mg/L	SM2340-B	1	2016-10-26	10:00:00	DI
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-10-10	10:00:00	SM
Anions	17.30	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Cations	15.79	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Balance	-4.55	%	SM1030E	-10	2016-10-26	10:00:00	DI
Alkalinity, mg CaCO3/L (pH 4.5)	380	mg/L	SM2320-B	5	2016-09-30	11:00:00	SM
Bicarbonate Alkalinity as CaCO3	380	mg/L	SM2320-B	5	2016-09-30	11:00:00	SM
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-09-30	11:00:00	SM
pH	7.97		SM4500-H	0.01	2016-09-30	14:02:00	MS
pH Temperature	18.10	°C	SM4500-H	0.01	2016-09-30	14:02:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-09-30	11:00:00	MS
Total Dissolved Solids	998	mg/L	SM2540-C	30	2016-10-03	15:00:00	MS
Total Suspended Solids	13	mg/L	SM2540-D	5	2016-10-03	15:00:00	MS
Chloride, Cl	63	mg/L	EPA 300.0	1	2016-10-17	08:05:00	LR
Sulfate, SO4	381	mg/L	EPA 300.0	1	2016-10-17	08:05:00	LR
METALS BY ICP							
Calcium, Ca - Dissolved	57.18	mg/L	EPA 200.7	0.03	2016-10-05	17:34:00	MS

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

Client Sample ID: Well-1
Date Sampled: Sep 29, 2016
Date Received: Sep 30, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: Well-1
Sample Taken By: R.N.
Time Sampled: 1000
Time Received: 1030
Mine: 27
Site: 8
Field - pH: 8.72 pH
Field - Dis. Oxygen: 9.3 MG/L
Field - Flow: 258 GPM
Field - Conductivity: 1588 UMHOS/CM
Field - Temperature: 15.5 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-001

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various metal concentrations and units.

Handwritten signature and printed name: Lab Supervisor, Domenic Ibanez, Lab Supervisor

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

Client Sample ID:	Ice-1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Sep 29, 2016	Sample Taken At:	Ice-1
Date Received:	Sep 30, 2016	Sample Taken By:	R.N.
Product Description:	WATER	Time Sampled:	0945
		Time Received:	1030
		Mine:	27
		Site:	12
		Field - pH:	8.70 pH
		Field - Dis. Oxygen:	10.0 MG/L
		Field - Flow:	100 GPM
		Field - Conductivity:	8940 UMHOS/CM
		Field - Temperature:	14.4 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-002

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED	
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3401	mg/L	SM2340-B	1	2016-10-26	10:00:00	DI
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-10-10	10:00:00	SM
Anions	138.55	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Cations	126.39	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Balance	-4.59	%	SM1030E	-10	2016-10-26	10:00:00	DI
Alkalinity, mg CaCO3/L (pH 4.5)	443	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
Bicarbonate Alkalinity as CaCO3	443	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
pH	8.14		SM4500-H	0.01	2016-09-30	14:03:00	MS
pH Temperature	18.20	°C	SM4500-H	0.01	2016-09-30	14:03:00	MS
Settleable Solids	0.1	mL/L	SM2540-F a	0.1	2016-09-30	11:00:00	MS
Total Dissolved Solids	9434	mg/L	SM2540-C	30	2016-10-03	15:00:00	MS
Total Suspended Solids	33	mg/L	SM2540-D	5	2016-10-03	15:00:00	MS
Chloride, Cl	167	mg/L	EPA 300.0	1	2016-10-17	08:05:00	LR
Sulfate, SO4	6003	mg/L	EPA 300.0	1	2016-10-18	07:29:00	LR
METALS BY ICP							
Calcium, Ca - Dissolved	392.65	mg/L	EPA 200.7	0.03	2016-10-05	17:34:00	DI

Domenic Ibanez
Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

Client Sample ID:	Ice-1	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Sep 29, 2016	Sample Taken At:	Ice-1
Date Received:	Sep 30, 2016	Sample Taken By:	R.N.
Product Description:	WATER	Time Sampled:	0945
		Time Received:	1030
		Mine:	27
		Site:	12
		Field - pH:	8.70 pH
		Field - Dis. Oxygen:	10.0 MG/L
		Field - Flow:	100 GPM
		Field - Conductivity:	8940 UMHOS/CM
		Field - Temperature:	14.4 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-002

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	2.00	mg/L	EPA 200.7	0.05	2016-10-07	11:15:45	DI
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2016-10-05	17:34:00	DI
Magnesium, Mg - Dissolved	587.91	mg/L	EPA 200.7	0.01	2016-10-05	17:34:00	DI
Manganese, Mn - Total	3.420	mg/L	EPA 200.7	0.002	2016-10-07	11:15:45	DI
Manganese, Mn - Dissolved	2.601	mg/L	EPA 200.7	0.002	2016-10-05	17:34:00	DI
Potassium, K - Dissolved	71.58	mg/L	EPA 200.7	0.14	2016-10-05	17:34:00	DI
Sodium, Na - Dissolved	1301.10	mg/L	EPA 200.7	0.09	2016-10-25	15:40:00	DI

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC

PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

Client Sample ID:	F-2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Sep 29, 2016	Sample Taken At:	F-2
Date Received:	Sep 30, 2016	Sample Taken By:	R.N.
Product Description:	WATER	Time Sampled:	0930
		Time Received:	1030
		Mine:	27
		Site:	11
		Field - pH:	8.79 pH
		Field - Dis. Oxygen:	9.2 MG/L
		Field - Flow:	5 GPM
		Field - Conductivity:	3195 UMHOS/CM
		Field - Temperature:	12.4 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-003

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	1092	mg/L	SM2340-B	1	2016-10-26	10:00:00	DI
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-10-10	10:00:00	SM
Anions	41.59	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Cations	39.44	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Balance	-2.64	%	SM1030E	-10	2016-10-26	10:00:00	DI
Alkalinity, mg CaCO3/L (pH 4.5)	413	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
Bicarbonate Alkalinity as CaCO3	395	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
Carbonate Alkalinity as CaCO3	18	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
pH	8.10		SM4500-H	0.01	2016-09-30	14:04:00	MS
pH Temperature	18.40	°C	SM4500-H	0.01	2016-09-30	14:04:00	MS
Settleable Solids	<0.1	mL/L	SM2540-F a	0.1	2016-09-30	11:00:00	MS
Total Dissolved Solids	2820	mg/L	SM2540-C	30	2016-10-03	15:00:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-10-03	15:00:00	MS
Chloride, Cl	84	mg/L	EPA 300.0	1	2016-10-17	08:05:00	LR
Sulfate, SO4	1487	mg/L	EPA 300.0	1	2016-10-18	07:29:00	LR
METALS BY ICP							
Calcium, Ca - Dissolved	164.77	mg/L	EPA 200.7	0.03	2016-10-05	17:34:00	MS

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

Client Sample ID: F-2
Date Sampled: Sep 29, 2016
Date Received: Sep 30, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: F-2
Sample Taken By: R.N.
Time Sampled: 0930
Time Received: 1030
Mine: 27
Site: 11
Field - pH: 8.79 pH
Field - Dis. Oxygen: 9.2 MG/L
Field - Flow: 5 GPM
Field - Conductivity: 3195 UMHOS/CM
Field - Temperature: 12.4 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-003

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various metal concentrations and analysis dates.

Handwritten signature of Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

Client Sample ID:	CRB	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Sep 29, 2016	Sample Taken At:	CRB
Date Received:	Sep 30, 2016	Sample Taken By:	R.N.
Product Description:	WATER	Time Sampled:	0900
		Time Received:	1030
		Mine:	27
		Site:	9
		Field - pH:	7.80 pH
		Field - Dis. Oxygen:	9.9 MG/L
		Field - Flow:	100 GPM
		Field - Conductivity:	9445 UMHOS/CM
		Field - Temperature:	17.0 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-004

TESTS	RESULT	UNIT	METHOD	REPORTING		ANALYZED	
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	3462	mg/L	SM2340-B	1	2016-10-26	10:00:00	DI
Oil and Grease, (HEM)	<5	mg/L	EPA 1664A	5	2016-10-10	10:00:00	SM
Anions	145.82	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Cations	131.83	meq/L	SM1030E	0	2016-10-26	10:00:00	DI
Balance	-5.04	%	SM1030E	-10	2016-10-26	10:00:00	DI
Alkalinity, mg CaCO3/L (pH 4.5)	484	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
Bicarbonate Alkalinity as CaCO3	484	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5	2016-09-30	11:00:00	DI
pH	8.14		SM4500-H	0.01	2016-09-30	14:05:00	MS
pH Temperature	18.20	°C	SM4500-H	0.01	2016-09-30	14:05:00	MS
Settleable Solids	0.1	mL/L	SM2540-F a	0.1	2016-09-30	11:00:00	MS
Total Dissolved Solids	9959	mg/L	SM2540-C	30	2016-10-03	15:00:00	MS
Total Suspended Solids	<5	mg/L	SM2540-D	5	2016-10-03	15:00:00	MS
Chloride, Cl	175	mg/L	EPA 300.0	1	2016-10-18	07:29:00	DI
Sulfate, SO4	6302	mg/L	EPA 300.0	1	2016-10-18	07:29:00	DI
METALS BY ICP							
Calcium, Ca - Dissolved	405.58	mg/L	EPA 200.7	0.03	2016-10-25	15:40:00	DI

Lab Supervisor

Domenic Ibanez
Lab Supervisor

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Analysis Report

October 26, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

Client Sample ID: CRB
Date Sampled: Sep 29, 2016
Date Received: Sep 30, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: CRB
Sample Taken By: R.N.
Time Sampled: 0900
Time Received: 1030
Mine: 27
Site: 9
Field - pH: 7.80 pH
Field - Dis. Oxygen: 9.9 MG/L
Field - Flow: 100 GPM
Field - Conductivity: 9445 UMHOS/CM
Field - Temperature: 17.0 DEG. C

Comments: Dissolved Metals Filtered at Lab; pH Expired When Received

SGS Minerals Sample ID: 782-1641074-004

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various metal concentrations and analysis dates.

Handwritten signature of Lab Supervisor

Domenic Ibanez
Lab Supervisor

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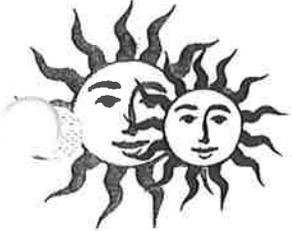
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APPENDIX B WATER MONITORING

FOURTH QUARTER



Sunnyside Cogeneration Associates

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

January 3, 2017

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

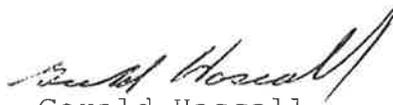
Subject: Quarterly Sampling Report
Monitoring Period: October, November, December 2016
DOGM Operational Water Monitoring

Dear Daron:

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

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

Thank You,



Gerald Hascall
Agent For
Sunnyside Cogeneration Associates

c.c. Rusty Netz
Plant File

Sunnyside Cogeneration Facility
Sunnyside, Utah

Field Parameter Data

DOGM Permit Boundary Water Quality Monitoring Plan
Monitoring Period: Fourth Quarter 2016
Samples taken October 18, 2016

Monitoring Location	Location I.D.	Temp. (C)	pH (su)	SC (umhos)	Dissolved Oxygen (mg/l)	Flow Rate (gpm)	Flow method
Iceland Creek	ICE-1	7.53	8.78	8265	11	15	2
Columbia Dugway Spring	F-2	8.4	8.65	3211	9.6	5	2
Coarse Refuse Seep Source	CRS	NA	NA	NA	NA	NA	NA
Coarse Refuse Seep Boundary	CRB	10.3	8.74	8291	9.1	50	2
Dragerton Well	Well-1	NW	NW	NW	NW	NW	NW
Borehole B-6	B-6	NW	NW	NW	NW	NW	NW

Notes:

na - no flow

NW- no water present

NW/F- no water present frozen

nd - data is not available due to lack of discharge

1- Flow rates were measured using a weir.

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

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

4 - Flow rates were measured using a meter



Analysis Report

December 05, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

ATTN: RUSTY NETZ

Client Sample ID: ICE 1
Date Sampled: Oct 18, 2016
Date Received: Oct 19, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE 1
Sample Taken By: RCS
Time Sampled: 0950
Time Received: 1100
Mine: 27
Site: 12
Field - pH: 8.75 NA pH
Field - Dis. Oxygen: 11 MG/L
Field - Flow: 15 GPM
Field - Conductivity: 8265 UMHOS/CM
Field - Temperature: 7.53 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1641642-001

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include tests like Hardness, Oil and Grease, Anions, Cations, Balance, Alkalinity, etc.

Handwritten signature of Domenic Ibanez

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t(435) 653-2311 f(435)-653-2436 www.sgs.com/minerals

Member of the SGS Group (Société Générale de Surveillance)

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Analysis Report

December 05, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

ATTN: RUSTY NETZ

Client Sample ID: ICE 1
Date Sampled: Oct 18, 2016
Date Received: Oct 19, 2016
Product Description: WATER
Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: ICE 1
Sample Taken By: RCS
Time Sampled: 0950
Time Received: 1100
Mine: 27
Site: 12
Field pH: 8.75 NA pH
Field - Dis. Oxygen: 11 MG/L
Field - Flow: 15 GPM
Field - Conductivity: 8265 UMHOS/CM
Field - Temperature: 7.53 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1641642-001

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various metal concentrations and analysis dates.

Handwritten signature of Domenic Ibanez

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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Analysis Report

December 05, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

ATTN: RUSTY NETZ

Client Sample ID: F2
Date Sampled: Oct 18, 2016
Date Received: Oct 19, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: F2
Sample Taken By: RCS
Time Sampled: 0940
Time Received: 1100
Mine: 27
Site: 11
Field - pH: 8.65 pH
Field - Dis. Oxygen: 9.6 MG/L
Field - Flow: 5 GPM
Field - Conductivity: 3211 UMHOS/CM
Field - Temperature: 8.40 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1641642-002

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include various chemical tests like Hardness, Oil and Grease, Anions, etc.

Handwritten signature and printed name: Lab Supervisor, Domenic Ibanez

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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Analysis Report

December 05, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

ATTN: RUSTY NETZ

Client Sample ID:	F2	Sample ID By:	Sunnyside Cogeneration Assoc.
Date Sampled:	Oct 18, 2016	Sample Taken At:	F2
Date Received:	Oct 19, 2016	Sample Taken By:	RCS
Product Description:	WATER	Time Sampled:	0940
		Time Received:	1100
		Mine:	27
		Site:	11
		Field - pH:	8.65 pH
		Field - Dis. Oxygen:	9.6 MG/L
		Field - Flow:	5 GPM
		Field - Conductivity:	3211 UMHOS/CM
		Field - Temperature:	8.40 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1641642-002

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
METALS BY ICP (continued)							
Iron, Fe - Total	0.21	mg/L	EPA 200.7	0.05	2016-10-26	16:52:00	MS
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.03	2016-10-25	17:16:00	MS
Magnesium, Mg - Dissolved	163.60	mg/L	EPA 200.7	0.01	2016-10-25	17:16:00	MS
Manganese, Mn - Total	0.070	mg/L	EPA 200.7	0.002	2016-10-26	16:52:00	MS
Manganese, Mn - Dissolved	0.061	mg/L	EPA 200.7	0.002	2016-10-25	17:16:00	MS
Potassium, K - Dissolved	5.58	mg/L	EPA 200.7	0.14	2016-10-25	17:16:00	MS
Sodium, Na - Dissolved	326.07	mg/L	EPA 200.7	0.09	2016-10-25	17:16:00	MS

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
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Analysis Report

December 05, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 1 of 2

ATTN: RUSTY NETZ

Client Sample ID: CRB
Date Sampled: Oct 18, 2016
Date Received: Oct 19, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: CRB
Sample Taken By: RCS
Time Sampled: 0930
Time Received: 1100
Mine: 27
Site: 9
Field - pH: 8.74 pH
Field - Dis. Oxygen: 9.1 MG/L
Field - Flow: 50 GPM
Field - Conductivity: 8291 UMHOS/CM
Field - Temperature: 10.3 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1641642-003

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include various water quality tests like Hardness, Oil and Grease, Anions, Cations, Balance, Alkalinity, etc.

Handwritten signature of Domenic Ibanez

Lab Supervisor
Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road, Huntington, UT 84528

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Analysis Report

December 05, 2016

SUNNYSIDE COGENERATION FAC
PO BOX 10
EAST CARBON UT 84520

Page 2 of 2

ATTN: RUSTY NETZ

Client Sample ID: CRB
Date Sampled: Oct 18, 2016
Date Received: Oct 19, 2016
Product Description: WATER

Sample ID By: Sunnyside Cogeneration Assoc.
Sample Taken At: CRB
Sample Taken By: RCS
Time Sampled: 0930
Time Received: 1100
Mine: 27
Site: 9
Field - pH: 8.74 pH
Field - Dis. Oxygen: 9.1 MG/L
Field - Flow: 50 GPM
Field - Conductivity: 8291 UMHOS/CM
Field - Temperature: 10.3 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1641642-003

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include METALS BY ICP (continued) with various metal concentrations and methods.

Handwritten signature of Domenic Ibanez

Lab Supervisor

Domenic Ibanez
Lab Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington UT 84528 t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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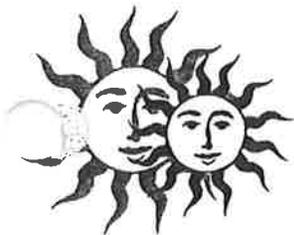
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APPENDIX B WATER MONITORING

UPDES MONTHLY REPORTS



Sunnyside Cogeneration Associates

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

February 9, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: February 2016, UPDES Compliance Report
January 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during January 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the January 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD
 SUNNYSIDE UT, 84539
 Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT, 84539

UT0024735
 PERMIT NUMBER
 002 A
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 1/1/2016 TO 1/31/2016

MINOR
 F - FINAL
 WATER PIPELINE
 Discharge to Grassy Trail Creek
 *** NO DISCHARGE

PARAMETER	SAMPLE MEASUREMENT	QUALITY FOR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW RATE 00056 1 0 0	PERMIT REQUIREMENT	30DAY AVG.	DAILY MAX.	MGD	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	MEASURED
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
OXYGEN, DISSOLVED (DO): 00300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	5.0	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
P-H 00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.5	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
OIL AND GREASE 03882 0 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
SOLIDS, TOTAL DISSOLVED 70295 P 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
SANITARY WASTE DISCHARGED ASSESSMENT 45614 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	GRAB
EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	VISUAL
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	VISUAL
Gerald Hascall	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	VISUAL
TYPE OF PRINTED	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/ MONTH	VISUAL

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTOR'S SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


AREA CODE (435) 888-4476
 TELEPHONE NUMBER
 DATE 2/10/2016
 YEAR/MONTH/DAY

PERMITTEE NAME/BUSINESS:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MINOR
F - FINAL
RAIL CUT POND
Discharge to Icelandic Creek
*** NO DISCHARGE

FURN APPROVED
OMB No. 2040-00-04

Name: SUNNYSIDE COGENERATION ASSOCIATES
Address: #1 POWER PLANT ROAD
* SUNNYSIDE UT. 84539
Facility: SUNNYSIDE COGENERATION ASSOCIATES
Location: SUNNYSIDE UT. 84539

UT0024759
PERMIT NUMBER
007 A
DISCHARGE NUMBER

MONITORING PERIOD
FROM 1/1/2016 TO 1/31/2016

PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY FOR LOADING			QUANTITY OR CONCENTRATION			NO. OF ANALYSIS	FREQUENCY	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS	
FLOW RATE 0006 1 0 0	PERMIT REQUIREMENT	30DAY AVG.	DAILY MAX.	MGD	5.0	MONTHLY AVG.	MINIMUM	3.0	MAXIMUM	*****	ONCE/MONTH	MEASURED
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
OXYGEN, DISSOLVED (DO) 00300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
PH 00400 1 0 0	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
IRON, TOTAL (AS FE) 01045 1 0 0	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
OIL AND GREASE 03582 0 0 0	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
SOLIDS, TOTAL DISSOLVED 70295 P 0 0	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
SOLIDS, SETTLEABLE 00545 C 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
SEE COMMENTS BELOW	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	VISUAL
EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	VISUAL
<p>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</p> <p>Gerald Hascall</p> <p>TYPE OF PRINTED</p> <p>COMMENTS AND EXPLANATION OF ANY VIOLATIONS (reference all attachments here)</p> <p>CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECT OR SUPERVISORY CONTROL IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>TELEPHONE</p> <p>DATE</p> <p>AREA CODE</p> <p>NUMBER</p> <p>YEAR/MONTH/DAY</p>												

IF AN OIL AND GREASE SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN. THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD
 SUNNYSIDE UT. 84539
 Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT. 84539

UT0024759
 PERMIT NUMBER
 008 A
 DISCHARGE NUMBER
 FROM 1/1/2016 TO 1/31/2016
 MONITORING PERIOD

MINOR
 F - FINAL
 OLD COARSE REFUSE POND
 Discharge to Icelandic Creek
 *** NO DISCHARGE

PARAMETER	SAMPLE MEASUREMENT	QUANTITY FOR LOADING				QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS							
FLOW RATE	PERMIT MEASUREMENT	1													
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	30DAY AVG.	DAILY MAX.	MGD									ONCE/MONTH	MEASURED	
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT				5.0								ONCE/MONTH		
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT				MONTHLY AVG.								ONCE/MONTH	GRAB	
PH	SAMPLE MEASUREMENT												ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT				6.5								ONCE/MONTH	GRAB	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT				MINIMUM								ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT												ONCE/MONTH	GRAB	
OIL AND GREASE	SAMPLE MEASUREMENT												ONCE/MONTH	GRAB	
SEE COMMENTS BELOW	PERMIT MEASUREMENT		REPORT VISUAL	Y=1, N=0									ONCE/MONTH	GRAB/VISUAL	
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT												ONCE/MONTH	GRAB	
70295 P 0 0	PERMIT MEASUREMENT												ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT												ONCE/MONTH	GRAB	
00530 1 0 0	PERMIT MEASUREMENT												ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				25								ONCE/MONTH	GRAB	
SOLIDS, SETTLEABLE	PERMIT MEASUREMENT				30DAY AVE.								ONCE/MONTH	GRAB	
00545 0 0 0	SAMPLE MEASUREMENT												ONCE/MONTH	GRAB	
SEE COMMENTS BELOW	PERMIT MEASUREMENT												ONCE/MONTH	GRAB	
SANITARY WASTE DISCHARGED-ASSESSMENT	SAMPLE MEASUREMENT												ONCE/MONTH	GRAB	
45614 1 0	PERMIT MEASUREMENT		REPORT DAILY MAX.	Y=1, N=0									ONCE/MONTH	VISUAL	
EFFLUENT GROSS	PERMIT MEASUREMENT												ONCE/MONTH	VISUAL	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER													TELEPHONE	DATE	
Gerald Hascall															
TYPE OF PRINTED													AREA CODE	NUMBER	YEAR/MON/DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (reference all attachments here)													(435)	888-4476	2/10/2016

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

IF AN OIL AND GREASE SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN. THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RAIN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD
 SUNNYSIDE UT. 84539
 Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT. 34539

UT0024759
 PERMIT NUMBER
 009 A
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM 1/12/2016 TO 1/31/2016

MINOR
 F - FINAL
 PASTURE POND
 Discharge to Icelandic Creek
 *** NO DISCHARGE

PARAMETER	SAMPLE MEASUREMENT	QUANTITY FOR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
FLOW RATE	00056 1 0 0													
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DAY AVG	DAILY MAX.	MGD								ONCE/MONTH	MEASURED	
OXYGEN, DISSOLVED (DO)	00300 1 0 0				5.0									
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT													
PH	00400 1 0 0				6.5									
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT													
IRON, TOTAL (AS FE)	01045 1 0 0													
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT													
OIL AND GREASE	03582 2 0 0													
SEE COMMENTS BELOW	PERMIT REQUIREMENT		REPORT VISUAL	Y=1, N=0					10				ONCE/MONTH	GRAB/SUBSAL
SOLIDS, TOTAL DISSOLVED	70295 P 0 0								1650					
SOLIDS, TOTAL SUSPENDED	00530 1 0 0				26				70					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT													
SOLIDS, SETTLEABLE	00545 0 0 0								0.5					
SEE COMMENTS BELOW	PERMIT REQUIREMENT													
SANITARY WASTE DISCHARGE ASSESSMENT	45614 1 0		REPORT DAILY MAX.	Y=1, N=0										
EFFLUENT GROSS	PERMIT REQUIREMENT													
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER													TELEPHONE	DATE
Gerald Hassall														
TYPE OF PRINTED														
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)														
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.														
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT														
AREA CODE														
(435) 888-4476														
RUMBER														
YEAR/MONTH/DAY														
2/10/2016														

IF AN OIL AND GREASE SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN. THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.
 EPA Form 3320-1 (Rev. 01/06) Previous editions may be used.

Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD SUNNYSIDE UT, 84539
 Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT, 84539

UT0024759 PERMIT NUMBER
 012 A DISCHARGE NUMBER
 FROM 1/1/2016 TO 1/31/2016
 MONITORING PERIOD

MINOR
 F - FINAL
 COARSE REFUSE TOE POND
 Discharge to Icaldander Creek
 *** NO DISCHARGE

PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY FOR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. OF ANALYSIS	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW RATE	PERMIT REQUIREMENT	30DAY AVG.	DAILY MAX.	MGD	5.0	MONTHLY AVG.	3.0	MAXIMUM	SU	ONCE/ MONTH	MEASURED
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT										
OXYGEN, DISSOLVED (DO)	PERMIT REQUIREMENT										
PH	SAMPLE MEASUREMENT REQUIREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT REQUIREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
OIL AND GREASE	SAMPLE MEASUREMENT REQUIREMENT										
SEE COMMENTS BELOW	PERMIT REQUIREMENT										
SOLIDS, TOTAL DISSOLVED	SAMPLE MEASUREMENT REQUIREMENT										
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT										
SOLIDS, SETTLEABLE	PERMIT REQUIREMENT										
SEE COMMENTS BELOW	SAMPLE MEASUREMENT REQUIREMENT										
SANITARY WASTE DISCHARGED-ASSESSMENT	SAMPLE MEASUREMENT REQUIREMENT										
EFFLUENT GROSS	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.										
Gerald Hascall	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT										
TYPE OF PRINTED	COMMENTS AND EXPLANATION OF ANY VIOLATIONS (reference all attachments here)										
AREA CODE	TELEPHONE	DATE									
(435)	888-4476	2/10/2016									

IF AN OIL AND GREASE SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN. THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.
 EPA Form 3320-1 (Rev. 11/06) Previous editions may be used.

PERMITTEE NAME/ADDRESS:
 Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD
 SLUNNYSIDE UT, 84539
 Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT, 84539

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 UT0024759
 PERMIT NUMBER
 013 A
 DISCHARGE NUMBER
 FROM 1/1/2016 TO 1/31/2016
 MONITORING PERIOD

MINOR
 F - FINAL
 FACILITY SEDIMENTATION POND
 Discharge to ICELANDER CREEK
 *** NO DISCHARGE

FORM APPROVED
 OMB No. 2040-0004

PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY FOR LOADING			QUALITY OR CONCENTRATION			NO. OF ANALYSIS	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE 0006 1 0 0	PERMIT REQUIREMENT	30DAY AVG.	DAILY MAX.	MGD					ONCE/MONTH	MEASURED
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				0.5		50			
PH 0040 1 0 0	PERMIT REQUIREMENT				MINIMUM		MAXIMUM		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT									
SOLIDS, TOTAL SUSPENDED 0030 1 0 0	PERMIT REQUIREMENT				25	35	100		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				30DAY AVE.	MAX. 7 DAY AVE.	DAILY MAX.			
OIL AND GREASE 0382 0 0 0	PERMIT REQUIREMENT		REPORT VISUAL	Y=1, N=0		15	20		ONCE/MONTH	GRAB/VISUAL
SOLIDS, TOTAL DISSOLVED 70295 P 0 0	SAMPLE MEASUREMENT						1650		ONCE/MONTH	GRAB
CXYGEN, DISSOLVED (DO) 0030 1 0 0	PERMIT REQUIREMENT				5.0				ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT				MONTHLY AVG.					
SANITARY WASTE DISCHARGED-ASSESSMENT 46614 1 0	PERMIT REQUIREMENT		REPORT DAILY MAX.	Y=1, N=0						
EFFLUENT GROSS PCB, TOTAL, SCAN 04166 1 0 0	SAMPLE MEASUREMENT									
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		DAILY MAX.	Y=1, N=0						
	SAMPLE MEASUREMENT									
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PERMITTEE NAME/ADDRESS:

Name: SUNNYSIDE COGENERATION ASSOCIATES
Address: #4 POWER PLANT ROAD
SUNNYSIDE UT, 84539

Facility: SUNNYSIDE COGENERATION ASSOCIATES
Location: SUNNYSIDE UT, 84539

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MINOR

UT0024759 PERMIT NUMBER
014 A DISCHARGE NUMBER
MONITORING PERIOD FROM 1/1/2016 TO 1/31/2016

F - FINAL
COAL PILE SEDIMENTATION POND
Discharge to ICELANDER CREEK
*** NO DISCHARGE

FORM APPROVED
CMB No. 2040-0004

PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY FOR LOADING			QUALITY OR CONCENTRATION			UNITS	NO. EX	FREQUENCY ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
FLOW RATE	MEASUREMENT										
00056 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DAY AVG.	DAILY MAX.	MGD						ONCE/MONTH	MEASURED
PH	SAMPLE MEASUREMENT										
00400 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT									ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT										
00530 1 0 0	SAMPLE MEASUREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
OIL AND GREASE	PERMIT REQUIREMENT		REPORT VISUAL	Y=1, N=0							
03582 0 0 0	SAMPLE MEASUREMENT										
SOLIDS, TOTAL DISSOLVED	PERMIT REQUIREMENT										
70295 P 0 0	SAMPLE MEASUREMENT										
OXYGEN, DISSOLVED (DO)	PERMIT REQUIREMENT										
00300 1 0 0	SAMPLE MEASUREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
SANITARY WASTE DISCHARGED-ASSESSMENT	SAMPLE MEASUREMENT										
45614 1 0	PERMIT REQUIREMENT		REPORT DAILY MAX.	Y=1, N=0							
EFFLUENT GROSS	SAMPLE MEASUREMENT										
POB, EFFLUENT	PERMIT REQUIREMENT										
04166 1 0 0	SAMPLE MEASUREMENT		DAILY MAX.	Y=1, N=0							
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
<p>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</p> <p>Gerald Hascall</p> <p>TYPE OF PRINTED</p> <p>COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)</p> <p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.</p> <p>SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT</p> <p>TELEPHONE</p> <p>DATE</p> <p>AREA CODE (435) 888-4476</p> <p>NUMBER</p> <p>YEAR/MONTH/DAY 2/10/2016</p>											

PERMITTEE NAME/ADDRESS:

Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD
 SUNNYSIDE UT, 84539

Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT, 84539

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

UT024739
 PERMIT NUMBER

016 A
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM 1/1/2016 TO 1/31/2016

MINOR

F - FINAL
 BORROW AREA POND
 Discharge to ICELANDER CREEK
 *** NO DISCHARGE

FORM APPROVED
 OMB No. 2040-0004

PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY FOR LOADING				QUALITY OR CONCENTRATION				UNITS	NO. OF ANALYSIS	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
FLOW RATE 00056 1 0 0	PERMIT REQUIREMENT	30 DAY AVG.	DAILY MAX.	MGD	*****	*****	*****	*****	*****	*****	ONCE/MONTH	MEASURED	
EFFLUENT GROSS VALUE PH 00400 1 0 0	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	25 30 DAY AVE	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
OIL AND GREASE 03582 3 3 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB/VISUAL	
SEE COMMENTS BELOW	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
SOLIDS, TOTAL DISSOLVED 70295 P 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
OXYGEN, DISSOLVED (DO) 00300 1 0 0	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	5.0 MONTHLY AVG.	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
SANITARY WASTE DISCHARGE ASSESSMENT 45614 1 0	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	VISUAL	
IRON, TOTAL (AS FE) 01045 0 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
SOLIDS, SETTLEABLE 00545 0 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
SEE COMMENTS BELOW	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	
Gerald Hascall	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	ONCE/MONTH	GRAB	

TYPE OF PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE: (435) 838-4476
 DATE: 2/10/2015

IF AN OIL AND GREASE SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN. THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE VIA FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Name: SUNNYSIDE COGENERATION ASSOCIATES
 Address: #1 POWER PLANT ROAD SUNNYSIDE UT. 84539
 Facility: SUNNYSIDE COGENERATION ASSOCIATES
 Location: SUNNYSIDE UT. 84539

UT0024759
 PERMIT NUMBER
 017 A
 DISCHARGE NUMBER
 MONITORING PERIOD FROM 1/1/2016 TO 1/31/2016

MINOR
 F - FINAL
 LANDFILL SEDIMENTATION POND
 Discharge to ICELANDER CREEK
 *** NO DISCHARGE

PARAMETER	SAMPLE MEASUREMENT	QUANTITY FOR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	N.O. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM				
FLOW RATE	PERMIT MEASUREMENT										
00056 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	30DAY AVG.	DAILY MAX.	MGD	5.5 MINIMUM	35 MAX. 7 DAY AVE.	100 DAILY MAX.	MG/L		ONCE/MONTH	MEASURED
PH	PERMIT MEASUREMENT										
00400 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
SOLIDS, TOTAL SUSPENDED	PERMIT MEASUREMENT										
00530 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
OIL AND GREASE	PERMIT MEASUREMENT										
03582 0 0 0	PERMIT REQUIREMENT										
SOLIDS, TOTAL DISSOLVED	PERMIT MEASUREMENT										
70295 P 0 0	PERMIT REQUIREMENT										
CHROMIUM, TOTAL	SAMPLE MEASUREMENT										
(AS CR)	PERMIT MEASUREMENT										
01034 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
ZINC, TOTAL	PERMIT MEASUREMENT										
(AS ZN) 01090 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
PCB, TOTAL, SCAN	PERMIT MEASUREMENT										
04166 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
OXYGEN DISSOLVED (DO)	PERMIT MEASUREMENT										
00300 1 0 0	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
126 PRIORITY POLLUTANTS	PERMIT MEASUREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										
SANITARY WASTE DISCHARGED-ASSESSMENT	SAMPLE MEASUREMENT										
45614 1 0	PERMIT MEASUREMENT										
EFFLUENT GROSS	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	Gerald Hascall										
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.											
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT											
TELEPHONE											
AREA CODE										(435) 888-4476	
NUMBER										2/10/2016	
YEAR/MONTH/DAY											

NATIONAL POLLUTANT DISCHARGE ESTIMATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

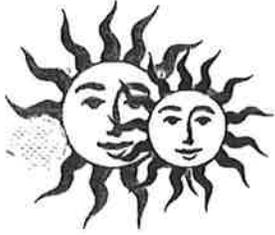
UT024759 PERMIT NUMBER
 18 A DISCHARGE NUMBER

MONITORING PERIOD FROM 1/1/2016 TO 1/31/2016

MINOR
 F - FINAL
 LANDFILL SEDIMENTATION POND
 Discharge to ICELANDER CREEK
 *** NO DISCHARGE

NO. OF ANALYSIS: X

PARAMETER	MEASUREMENT	QUANTITY FOR LOADING				QUANTITY OR CONCENTRATION				UNITS	NO. OF ANALYSIS	FREQUENCY	SAMPLE TYPE	
		AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM					
FLOW RATE	00056 1 0 0	1										ONCE/MONTH	MEASURED	
EFFLUENT GROSS VALUE		30DAY AVG.	DAILY MAX.	MGD										
EFFLUENT GROSS VALUE	P-1				3.5	MINIMUM			9.0	MAXIMUM			ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	00530 1 0 0				25	30DAY AVE.	35	MAX. 7 DAY AVE.	100	DAILY MAX.			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE									20	DAILY MAX.			ONCE/MONTH	GRAB/VISUAL
OIL AND GREASE	03582 0 0 0		REPORT VISUAL	Y=1, N=0			15	30DAY AVE.					ONCE/MONTH	GRAB/VISUAL
SOLIDS, TOTAL DISSOLVED	70295 P 0 0								1650	DAILY MAX.			ONCE/MONTH	GRAB
CHROMIUM, TOTAL	01034 1 0 0							0.03	0.03	DAILY MAX.			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE														
ZINC, TOTAL	(AS ZN) 01090 1 0 0							0.3	0.3	DAILY MAX.			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PCB, TOTAL, SCAN													
EFFLUENT GROSS VALUE	04166 1 0 0		0	DAILY MAX.	Y=1, N=0								ONCE/MONTH	GRAB
OXYGEN, DISSOLVED (DO)	00300 1 0 0				6.0	MONTHLY AVG.							ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE														
126 PRIORITY POLLUTANTS														
EFFLUENT GROSS VALUE														
SANITARY WASTE DISCHARGE ASSESSMENT	45614 1 0		REPORT	Y=1, N=0										
EFFLUENT GROSS VALUE			DAILY MAX. VISUAL											
NAME/TITLE	PRINCIPAL EXECUTIVE OFFICER													
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHEMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.														
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 											AREA CCDE	NUMBER	YEAR/MON/DAY	
											(435)	888-4476	2/10/2016	



Sunnyside Cogeneration Associates

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

March 10, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: March 2016, UPDES Compliance Report
February 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during February 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the February 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002 External Outfall
 Discharge: 002-A WATER SUPPLY DIS TO GRASSY CRK

Report Dates & Status: Monitoring Period: From 02/01/16 to 02/29/16
 Considerations for Form Completion

DMR Due Date: 03/28/16
 Status: NoDMR Validated

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)

Title: Plant Manager

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analyze	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1	Value 1	Qualifier 2
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	5 MGD AVM	9 MAXIMUM	12 - SU	01/30 - Monthly	MS - MESTRO	
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				C - No Discharge	6.5 MINIMUM	C - No Discharge	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
00582	Oil and grease	0 - See Comments	0	-	Sample Permit Req. Value NODI					Req Mon DAILY MX 9P - NoQ**1		01/30 - Monthly	VI - VISUAL	
45514	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					C - No Discharge	1650 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
70295	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI					C - No Discharge				

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1

Name: Rusty Netz
 E-Mail: metz@sscoqen.com

Date/Time: 2016-03-10 11:44 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: RIC
 Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 003 External Outfall
 Discharge: 003-A WATER SUPPLY PIPELINEGRASSY T

Report Dates & Status: Monitoring Period: From 02/01/16 to 02/29/16
 DMR Due Date: 03/28/16
 Status: NoDMR Validated

Considerations for Form Completion

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hassell
 Title: Plant Manager
 Telephone: 435-888-4476

No Data Indicator (NODI)
 Form NODI

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Leading		Units	Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier 1		Value 2	Qualifier 2	Value 3			
00056	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	>=	5 MO AV MN	19 - mg/L	01/30 - Monthly	MS - MEASRD
00380	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	6.5 MINIMUM	C - No Discharge	9 MAXIMUM	12 - SU	19 - mg/L	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1 DAILY MX	C - No Discharge	10 DAILY MX	19 - mg/L	19 - mg/L	01/30 - Monthly	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	10 DAILY MX	C - No Discharge	150 DAILY MX	19 - mg/L	19 - mg/L	01/30 - Monthly	VI - VISUAL	
03592	Oil and grease	O - See Comments	0	--	Sample Permit Req. Value NODI								
45914	Sanitary waste discharged-assessment	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon DAILY MX 9P - N=0,Y=1					
70295	Solids, total dissolved	P - See Comments	0	--	Sample Permit Req. Value NODI			150 DAILY MX	19 - mg/L	19 - mg/L	01/30 - Monthly	GR - GRAB	

Submittal Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Netz

E-Mail: metz@sscogen.com

Date/Time:

2016-03-10 11:45 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P O BOX 10
 EAST CARBON, UT 84520

Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P O BOX 10
 SUNNYSIDE, UT 84520

Permitted Features: 007
 External Outfall

Discharge:

007A
 RAIL CUT POND, ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 02/01/16 to 02/29/16

DMR Due Date:

03/28/16

Status:

Not DMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)
 Form NODI:

Title:

Plant Manager

Telephone:

435-988-4476

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00066	Flow rate	1 - Effluent Gross	0		Sample Permit Req. Value NODI	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD				01/30 - Monthly	M5 - MEASFC
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0		Sample Permit Req. Value NODI			5 MG AV MN				01/30 - Monthly	GR - GRA8
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NODI			6.5 MINIMUM				01/30 - Monthly	GR - GRA8
00500	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI	25 30DA AVG	C - No Discharge	35 MAX 7D AV				01/30 - Monthly	GR - GRA8
00545	Solids, settleable	Q - See Comments	0		Sample Permit Req. Value NODI			70 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRA8
01045	Iron, total [as Fe]	1 - Effluent Gross	0		Sample Permit Req. Value NODI			0.5 DAILY MX	25 - mL/L			01/30 - Monthly	GR - GRA8
03882	Oil and grease	O - See Comments	0		Sample Permit Req. Value NODI			1 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRA8
45614	Sanitary waste discharge-assessm	1 - Effluent Gross	0		Sample Permit Req. Value NODI			10 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRA8
70295	Solids, total dissolved	P - See Comments	0		Sample Permit Req. Value NODI			Req Mon DAILY MX 9P - No DYE=1				01/30 - Monthly	VI - VISUAL
84066	Oil and grease visual	O - See Comments	0		Sample Permit Req. Value NODI			1650 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRA8
					Sample Permit Req. Value NODI			Req Mon DAILY MX 9P - No DYE=1				01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusay Nelz

E-Mail: meiz@sscogen.com

Date/Time:

2016-03-10 11:47 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee Address:
 SUNNYSIDE COGENERATION ASSOC.
 P.O. BOX 10
 EAST CARBON, UT 84520

Facility Location:
 SUNNYSIDE CONGENERATION ASSOC.
 P.O. BOX 10
 EAST CARBON, UT 84520

Facility Location:
 SUNNYSIDE CONGENERATION ASSOC.
 P.O. BOX 10
 EAST CARBON, UT 84520

Facility Location:
 SUNNYSIDE CONGENERATION ASSOC.
 P.O. BOX 10
 EAST CARBON, UT 84520

Permitted Features:
 3C8
 Ekarna Outfall

Discharge:
 008A
 OLD COARSE REF PND ICELANDER

Plant Manager

Telephone:

435-898-4476

Monitoring Period:
 From 02/01/16 to 02/29/16

DMR Due Date:
 03/28/16

Status:
 Not DMR Validated

Principal Executive Officer:
 Gerald Hascall

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Form NODI:
 No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality of Concentration		# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2		
00356	Flow rate	1 - Effluent Grass	0		1 30DA AVG	Req Mon DAILY MX 03 - MGD	5 MG AVG/MN	19 - mg/L	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Grass	0		C - No Discharge	C - No Discharge	6.6 MINIMUM	12 - SU	01/30 - Monthly	GR - G3AB
00400	pH	1 - Effluent Grass	0		C - No Discharge	C - No Discharge	25 30DA AVG	19 - mg/L	01/30 - Monthly	GR - G3AB
00530	Solids, total suspended	1 - Effluent Grass	0		C - No Discharge	C - No Discharge	35 MX 7D AV	19 - mg/L	01/30 - Monthly	GR - G3AB
00545	Solids, settleable	0 - See Comments	0		C - No Discharge	C - No Discharge	0.5 DAILY MX	25 - mL	01/30 - Monthly	GR - G3AB
01045	Iron (as Fe)	1 - Effluent Grass	0		C - No Discharge	C - No Discharge	1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - G3AB
03582	Oil and grease	0 - See Comments	0		C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - G3AB
45614	Sanitary waste discharged-assessment	1 - Effluent Grass	0		C - No Discharge	C - No Discharge	Req Mon DAILY MX 9P - N=QY=1		01/30 - Monthly	VI - VISUAL
70095	Solids, total dissolved	P - See Comments	0		C - No Discharge	C - No Discharge	1650 DAILY MX	19 - mg/L	01/30 - Monthly	GR - G3AB
84065	Oil and grease visual	0 - See Comments	1		C - No Discharge	C - No Discharge	0 DAILY MX	9P - N=QY=1	01/30 - Monthly	VI - VISUAL

Attachments

No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunmysidet
 Name: Rusly Netz
 E-Mail: metz@ssoc.com

Date/Time:

2016-03-10 11:42 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 009 External Outfall

Discharge:

009-A
 PASTURE POND, ICELANDER CREEK

Report Dates & Status: From 02/01/16 to 02/29/16

DMR Due Date:

03/28/16

Status:

NEIDMR Validated

Monitoring Period: From 02/01/16 to 02/29/16
 Considerations for Form Completion
 IF ANY O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLESOLIDS SHALL BE MONITORED DURINGRUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

Title:

Plant Manager

Telephone:

435-888-4476

First Name: Gerald

Last Name: Hascall

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3
00056	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	>=	5 MG AV MIN C - No Discharge	19 - mg/L	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRA8
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	28 30DA AVG C - No Discharge	<=	70 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA8
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.5 DAILY MX C - No Discharge	<=	25 - mL/L	19 - mg/L	01/30 - Monthly	GR - GRA8
00545	Solids, settleable	Q - See Comments	0	--	Sample Permit Req. Value NODI	<=	1 DAILY MX C - No Discharge	<=	19 - mg/L	19 - mg/L	01/30 - Monthly	GR - GRA8
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	10 DAILY MX C - No Discharge	<=	19 - mg/L	19 - mg/L	01/30 - Monthly	GR - GRA8
03582	Oil and grease	O - See Comments	0	--	Sample Permit Req. Value NODI	<=	Req Mon DAILY MX 9P - N=Q=1 C - No Discharge	<=	1850 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA8
455 14	Sanitary waste discharged-assessm	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0 DAILY MX C - No Discharge	<=	SP - N=Q=1		01/30 - Monthly	V1 - VISUAL
70395	Solids, total dissolved	P - See Comments	0	--	Sample Permit Req. Value NODI	<=		<=				
84066	Oil and grease Visual	O - See Comments	0	--	Sample Permit Req. Value NODI	<=		<=				

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusty Naz
E-Mail: metz@sscogen.com

Date/Time: 2016-03-10 11:48 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No
 Discharge: 012A
 External Outfall

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P O BOX 10
 EAST CARBON, UT 84520
 Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P O BOX 10
 EAST CARBON, UT 84520

Report Dates & Status: From 02/01/16 to 02/29/16
 Monitoring Period: DMR Due Date: 03/28/16
 Status: NetDMR Validated

Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 13 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hassell
 Title: Plant Manager
 Telephone: 435-886-4476

Form NODI: Monitoring Location Season & Param. NODI

Code	Parameter Name	Monitoring Location Season & Param. NODI	Sample Permit Reg. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0		1300A AVG	Req Mon DAILY MX	03 - MGD									0130 - Monthly	MS - ALESFD	
00030	Oxygen, dissolved (DO)	1 - Effluent Gross	0							5 MD A/ MN					19 - mg/L	0130 - Monthly	GR - GRA8	
00400	pH	1 - Effluent Gross	0							6.5 MINIMUM						0130 - Monthly	GR - GRA8	
00630	Solids, Total suspended	1 - Effluent Gross	0		23 910A AVG										79 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRA8
00645	Solids, settleable	0 - See Comments	0												0.5 DAILY MX	25 - mL/L	0130 - Monthly	GR - GRA8
01045	Iron, total (as Fe)	1 - Effluent Gross	0												1 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRA8
03082	Oil and grease	0 - See Comments	0												10 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRA8
45514	Sanitary waste discharged-asset smt	1 - Effluent Gross	0												Req Mon DAILY MX	SP - N=0,Y=1		
70295	Solids, total dissolved	0 - See Comments	0												1650 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRA8
84066	Oil and grease visual	0 - See Comments	0												0 DAILY MX	SP - N=0,Y=1		

Submitter Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors: No errors.
 Comments:

Attachments: No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusby Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-03-10 11:49 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permitter:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Features: 013
 External Outfall

Discharge:

013-A
 FACILITY SED POND/JCELANDER C

Report Dates & Status
 Monitoring Period: From 02/01/16 to 02/29/16

DMR Due Date:

03/28/16

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	1 30DA AVG	Req Mon DAILY MAX 03 - MGD	5 DAILY MIN	15 30DA AVG	9 MAXIMUM	19 - mg/L	0130 - Monthly	MS - MEASRD	
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	C - No Discharge	C - No Discharge	C - No Discharge	25 30DA AVG	35 MAX7D AV	100 DAILY MAX	0130 - Monthly	GR - GRAAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	C - No Discharge	C - No Discharge	C - No Discharge	6.5 MINIMUM	25 30DA AVG	19 - mg/L	0130 - Monthly	GR - GRAAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	C - No Discharge	C - No Discharge	C - No Discharge	25 30DA AVG	35 MAX7D AV	100 DAILY MAX	0130 - Monthly	GR - GRAAB	
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	C - No Discharge	C - No Discharge	C - No Discharge	15 30DA AVG	20 DAILY MAX	19 - mg/L	0130 - Monthly	GR - GRAAB	
45514	Sanitary waste c	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	Req Mon DAILY MAX 9P - N=0,Y=1	Req Mon DAILY MAX 9P - N=0,Y=1	C - No Discharge	C - No Discharge	C - No Discharge	15 30DA AVG	0130 - Monthly	VI - VISUAL	
70395	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	C - No Discharge	C - No Discharge	C - No Discharge	15 30DA AVG	20 DAILY MAX	19 - mg/L	0130 - Monthly	GR - GRAAB	
84056	Oil and grease actual	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	Req Mon DAILY MAX 9P - N=0,Y=1	Req Mon DAILY MAX 9P - N=0,Y=1	C - No Discharge	C - No Discharge	C - No Discharge	15 30DA AVG	0130 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: SunnySide1

Name: Rusty Netz

E-Mail: netzr@sscogen.com

Date/Time:

2016-03-10 11:50 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: N3

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 014 External Outfall
 Report Dates & Status: From 02/01/16 to 02/29/16
 Considerations for Form Completion

Discharge: 014A ICELANDER CREEK
 DMR Due Date: 03/31/16

Status: NotDMR Validated
 Telephone: 435-888-4476

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)

Title: Plant Manager

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity of Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
					Value 1	Value 2	Qualifier 1	Value 1	Value 2				Qualifier 3	Value 3
00066	Flow rate	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI	130CA AVG	C - No Discharge	Req Men DAILY MX 03 - MGD	>=	5 DAILY MIN	C - No Discharge	19 - mg/L	01/30 - Monthly	MS - L-ENSRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI		C - No Discharge		>=	6.5 MINIMUM	C - No Discharge	12 - SU	01/30 - Monthly	GR - GRA3
00400	pH	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI		C - No Discharge		<=	9 MAXIMUM	C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA3
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI	2530DA AVG	C - No Discharge	35 MX 70 AV	<=	50 DAILY MX	C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA3
01592	Oil and grease	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI		C - No Discharge	15 30DA AVG	<=	20 DAILY MX	C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA3
45614	Sanitary waste discharged-assessm	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI		C - No Discharge	Req Men DAILY MX 9P - N=QY=1					01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI		C - No Discharge		<=	1850 DAILY MX	C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA3
84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample Perm 1 Req Value NODI		C - No Discharge	Req Men DAILY MX 9P - N=QY=1					01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-03-10 11:51 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024739
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P.O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 016
 External Outfall

Discharge: 016A
 BORROW AREA POND/CELANDER CK

Monitoring Period: From 02/01/16 to 02/29/16

DMR Due Date: 03/28/16

Status: NetDMR Validated

IF AN O & G SHEENIS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name: Gerald

Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4475

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Quantity of Loading		Quality of Concentration			# of Ex. Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			Value 3
00395	Flow Rate	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD				01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	5 MO AV MIN C - No Discharge					01/30 - Monthly	GR - GRA8
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	6.5 MINIMUM C - No Discharge					01/30 - Monthly	GR - GRA8
00830	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	70 DAILY MX C - No Discharge			01/30 - Monthly	GR - GRA8
00545	Solids, settleable	0 - See Comments	0	--	Sample Permit Req. Value NOD			0.5 DAILY MX C - No Discharge			01/30 - Monthly	GR - GRA8
01045	Iron, total (as Fe)	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD						01/30 - Monthly	GR - GRA8
03820	Oil and grease	0 - See Comments	0	--	Sample Permit Req. Value NOD						01/30 - Monthly	GR - GRA8
45614	Sanitary waste discharge assessment	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD		Req Mon DAILY MX 9P - N=0,Y=1				01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	--	Sample Permit Req. Value NOD						01/30 - Monthly	GR - GRA8
84060	Oil and grease total	C - See Comments	0	--	Sample Permit Req. Value NOD	0 DAILY MX C - No Discharge	9P - N=0,Y=1				01/30 - Monthly	GR - GRA8

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Neiz

E-Mail: metz@sscogen.com

Date/Time:

2016-03-10 11:52 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: N2

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 0-7
 External Outfall

Discharge: 017-A
 PHASE II LANDFILL SED PONDICE

Report Dates & Status
 Monitoring Period: From 02/01/16 to 02/29/16
 Considerations for Form Completion

DMR Due Date: 03/23/16

Status: NoDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-989-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity		Quantity or Loading		Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 1	Value 2				
00055	Flow rate	1 - Effluent Grass	0	+	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MSD	C - No Discharge	>=	5 DAILY MN	C - No Discharge	19 - mg/L	01/20 - Monthly	MS - WEASRD	
00300	Oxygen, dissolved (DO)	1 - Effluent Grass	0	-					>=	6.5 MINIMUM	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
00400	pH	1 - Effluent Grass	0	-					>=	25 30DA AVG	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
00530	Solids, total suspended	1 - Effluent Grass	0	-					<=	35 MX 7D AV	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
01034	Chromium, total (as Cr)	1 - Effluent Grass	0	+					<=	.03 30DA AVG	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
01092	Zinc, total (as Zn)	1 - Effluent Grass	0	-					<=	3 30DA AVG	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
03582	Oil and grease	1 - Effluent Grass	0	-					<=	15 30DA AVG	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
45614	Sanitary waste discharged-assessmnt	1 - Effluent Grass	0	-					<=	Req Mon DAILY MX 9P - N-EQY=1	C - No Discharge	19 - mg/L	01/20 - Monthly	VI - VISUAL	
70235	Solids, total dissolved	1 - Effluent Grass	0	-					<=	1850 DAILY MX	C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRA8	
84056	Oil and grease Visual	1 - Effluent Grass	0	-					<=	Req Mon DAILY MX 9P - N-EQY=1	C - No Discharge	19 - mg/L	01/20 - Monthly	VI - VISUAL	

Submittal Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
 Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: metz@seccogen.com

Date/Time: 2016-03-10 11:52 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 018 External Outfall
 Discharge: 018-A Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status: Monitoring Period: From 02/01/16 to 02/29/16
 Considerations for Form Completion: DMR Due Date: 03/28/16

Status: NetDMR Validated

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hascall
 Title: Plant Manager
 Telephone: 435-888-4476

Form NODI:

Code	Parameter Name	Monitoring Location season # Param. NODI		Quantity or Loading		Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type					
		Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2			Value 2	Qualifier 3	Value 3		
00056	Flow rate	1 - Effluent Gross	0	1 30DA AVG C - No Discharge	Reg Mon DAILY MX 03 - MGD C - No Discharge	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
00330	Solids, total suspended	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
01034	Chromium, total [as Cr]	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
01094	Zinc, total recoverable	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
03562	Oil and grease	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
42614	Sanitary waste, clecighed-assessm	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	VI - VISUAL
70235	Solids, total dissolved	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
84065	Oil and grease, visual	1 - Effluent Gross	0				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	0130 - Monthly	VI - VISUAL

Submission Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors: No errors.
 Comments:

Attachments: No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: metz@sscogen.com

Date/Time: 2016-03-10 11:53 (Time Zone: -07:00)

DMR Copy of Record

Permit: UT00247539
Permit #: No
Major: No

Permitted Feature: SUM External Outfall

Report Dates & Status: Monitoring Period: From 02/01/16 to 02/29/16
Discharge: SUM-A THE SUM OF ALL OUTFALLS

Considerations for Form Completion: DMR Due Date: 03/28/16
Status: NewDMR Validated

Principal Executive Officer: Gerald
First Name: Gerald
Last Name: Hascall
Title: Plant Manager
Telephone: 435-888-4476

Form NODI: No Data Indicator (NODI)

Code: 70295 Solids, local dissolved 1 - Effluent Gross 0

Submittal Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors: No errors.
Comments:

Attachments: No attachments.
Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusty Netz
E-Mail: netz@sscogen.com
Date/Time: 2016-03-10 11:54 (Time Zone: -07:00)

Parameter Name	Monitoring Location	Season & Param. NODI	Quantity or Loading	Units	Qualifier 1	Qualifier 2	Qualifier 3	Qualifier 4	Qualifier 5	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
70295 Solids, local dissolved 1 - Effluent Gross		0	2000 DAILY MAX	26 - l/wd							01/30 - Monthly	GR - GRAB	



April 28, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: April 2016, UPDES Compliance Report
March 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during March 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the March 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: **UT0024759**
 Major: **No**

Permittee: **SUNNYSIDE COGENERATION ASSOC.**
 Permittee Address: **P. O. BOX 10
 EAST CARBON, UT 84520**

Facility: **SUNNYSIDE CONGENERATION ASSOC.**
 Facility Location: **P. O. BOX 10
 SUNNYSIDE, UT 84520**

Permitted Feature: **CO2 External Outfall**

Discharge: **0022A
 WATER SUPPLY DIS TO GRASSY CRK**

Monitoring Period: **From 03/01/16 to 03/31/16**

DMR Due Date: **04/28/16**

Status: **NetDMR Validated**

Principal Executive Officer
 First Name: **Gerard**
 Last Name: **Hascall**

Title: **Plant Manager**

Telephone: **435-888-4478**

Form NODI:
 No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Permit NODI	Quantity of Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00056	Flow rate	1 - Effluent Grass	0	-	Sample Permit Req. <= Value NODI	1 30DA AVG C - No Discharge	Reg Mon DAILY MX 03 - MGD	5 NO AVMIN C - No Discharge	19 - mg/L	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Grass	0	-	Sample Permit Req. <= Value NODI	5 NO AVMIN C - No Discharge	6.5 MINIMUM C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA8	
00400	pH	1 - Effluent Grass	0	-	Sample Permit Req. <= Value NODI	6.5 MINIMUM C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRA8	
01045	Iron, total (as Fe)	1 - Effluent Grass	0	-	Sample Permit Req. <= Value NODI	1 DAILY MX C - No Discharge	1 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA8	
02582	Oil and grease	0 - See Comments	0	-	Sample Permit Req. <= Value NODI	10 DAILY MX C - No Discharge	10 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRA8	
45814	Sanitary waste discharged-assessment	1 - Effluent Grass	0	-	Sample Permit Req. <= Value NODI	Reg Mon DAILY MX 9P - No Dly=1 C - No Discharge		1650 DAILY MX 19 - mg/L C - No Discharge	01/30 - Monthly	VI - VISUAL	
70295	Sludge, total dissolved	P - See Comments	0	-	Sample Permit Req. <= Value NODI			1650 DAILY MX 19 - mg/L C - No Discharge	01/30 - Monthly	CR - GRA8	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors
Comments

Attachments
 No attachments
 Report Last Saved By
SUNNYSIDE COGENERATION ASSOC.
 User: **Sunnyside1**
 Name: **Rusty Netz**
 E-Mail: **netz@sscogen.com**

Date/Time: **2016-04-08 11:16 (Time Zone: -06:00)**

DMR 15

DMR Copy of Record

Permit #: U70024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 003
 External Outfall

Discharge: 003-A
 WATER SUPPLY PIPELINE/GRASSY T

Report Dates & Status: From 03/01/16 to 03/31/16
 Monitoring Period:
 Considerations for Form Completion

DMR Due Date: 04/28/16

Status: NetDMR Validated

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)

Title: Plant Manager

Telephone: 435-898-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity of Loading			Quality of Concentration			# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3		
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 90DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD	5 MO AVJUN C - No Discharge	MS - MEASRD	01/30 - Monthly	GR - GRA8	
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6.5 WINKUM C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	GR - GRA8	01/30 - Monthly	GR - GRA8	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 DAILY MX C - No Discharge	19 - mg/L	GR - GRA8	01/30 - Monthly	GR - GRA8		
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	10 DAILY MX C - No Discharge	19 - mg/L	GR - GRA8	01/30 - Monthly	GR - GRA8		
00882	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX sp - HgY=1 C - No Discharge	1850 DAILY MX 19 - mg/L C - No Discharge	01/30 - Monthly	VJ - VISUAL	01/30 - Monthly	GR - GRA8	
70295	Solids, total suspended	P - See Comments	0	-	Sample Permit Req. Value NODI							

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunmyside1
 Name: Ruasy Netz
 E-Mail: meiz@sscogen.com

Date/Time: 2016-04-08 11:18 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permitter: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 007
 External Outfall

Discharge: 007-A
 RAIL CUT POND, ICELANDER CREEK

Report Dates & Status: From 03/01/16 to 03/31/16

DMR Due Date: 06/28/16

Status: NetDMR Validated

Monitoring Period: Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location Season # Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type	
			Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 2	Value 3			Qualifier 3
00056	Flow rate	1 - Effluent Gross	0		1300A AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	5 MD AVMN C - No Discharge	35 MX7D AV C - No Discharge	70 DAILY MX C - No Discharge	19 - mg/L	0130 - Monthly	MS - VERSFD
00090	Dxygen dissolved [DO]	1 - Effluent Gross	0							19 - mg/L	0130 - Monthly	GR - SRA3
00400	pH	1 - Effluent Gross	0							19 - mg/L	0130 - Monthly	GR - SRA3
00530	Solids, total suspended	1 - Effluent Gross	0							19 - mg/L	0130 - Monthly	GR - SRA3
00545	Solids, settleable	Q - See Comments	0							19 - mg/L	0130 - Monthly	GR - SRA3
01045	Iron, total [as Fe]	1 - Effluent Gross	0							19 - mg/L	0130 - Monthly	GR - SRA3
03982	Oil and grease	O - See Comments	0							19 - mg/L	0130 - Monthly	GR - SRA3
45614	Sanitary waste discharged-asset:rmn1	1 - Effluent Gross	0							19 - mg/L	0130 - Monthly	VI - VSUAL
70395	Solids, total dissolved	P - See Comments	0							19 - mg/L	0130 - Monthly	GR - SRA3
84066	Oil and grease visual	O - See Comments	0							19 - mg/L	0130 - Monthly	VI - VSUAL

Submission Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following flags will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments

Report Last Saved By: Sunnyside1
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: meiz@secojen.com

Date/Time:

2016-04-06 11:20 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 008
 External Outfall

Discharge:

008-A
 OLD COARSE REF POND ICELANDER

Report Dates & Status
 Monitoring Period: From 03/01/16 to 03/31/16

DMR Due Date:

04/28/16

Status:

Not DMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-988-4478

Form NODI:
 No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration		Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type					
					Sample	Permit Req.	Value 1	Value 2	Value 1	Value 2												Value 1	Value 2	Value 3		
00056	Flow rate	1 - Effluent Gross	0	-	Sample	Permit Req.	1 30DA AVG	Req Mon DAILY	MX	03 - MSD											01/30 - Monthly	MS - MENSRD				
		Value NODI					C - No Discharge																			
00000	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample	Permit Req.	5 MO AV MIN	C - No Discharge														01/30 - Monthly	GR - GRAB			
		Value NODI					C - No Discharge																			
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req.	6.5 MINIMUM	C - No Discharge															01/30 - Monthly	GR - GRAB		
		Value NODI					C - No Discharge																			
00550	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.	25 30DA AVG	C - No Discharge															01/30 - Monthly	GR - GRAB		
		Value NODI					C - No Discharge																			
00545	Solids, settleable	Q - See Comments	0	-	Sample	Permit Req.	35 MX 7D AV	C - No Discharge																01/30 - Monthly	GR - GRAB	
		Value NODI					C - No Discharge																			
01048	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.	0.5 DAILY MX	C - No Discharge																01/30 - Monthly	GR - GRAB	
		Value NODI					C - No Discharge																			
03992	Oil and grease	O - See Comments	0	-	Sample	Permit Req.	1 DAILY MX	C - No Discharge																01/30 - Monthly	GR - GRAB	
		Value NODI					C - No Discharge																			
45614	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	-	Sample	Permit Req.	Req Mon DAILY	MX	9P - N=QY=1															01/30 - Monthly	VI - VISUAL	
		Value NODI					C - No Discharge																			
70295	Solids, total dissolved	P - See Comments	0	-	Sample	Permit Req.	1650 DAILY MX	C - No Discharge																	01/30 - Monthly	GR - GRAB
		Value NODI					C - No Discharge																			
84068	Oil and grease (total)	O - See Comments	1	-	Sample	Permit Req.	0 DAILY MX	9P - N=QY=1																	01/30 - Monthly	VI - VISUAL
		Value NODI					C - No Discharge																			

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusy Netz
 E-Mail: mebz@sscogen.com

Date/Time:

2016-04-06 11:21 (Time Zone: -06:00)

DMR Copy of Record

Permit: **UT0024739** Permittee: **SUNNYSIDE COGENERATION ASSOC.** Facility: **SUNNYSIDE COGENERATION ASSOC.**
 Major: **No** Permittee Address: **P. O BOX 10 EAST CARBON, UT 84520** Facility Location: **P. O. BOX 10 P.O. BOX 10 SUNNYSIDE, UT 84520**

Permitted Feature: **C09 External Outfall** Discharge: **003-A PASTURE POND, ICELANDER CREEK** Status: **NetDMR Validated**

Report Dates & Status: **From 03/01/16 to 03/31/16** DMR Due Date: **04/28/16**

Monitoring Period: **From 03/01/16 to 03/31/16** Status: **NetDMR Validated**

Considerations for Form Completion: **IF AN 'C' & 'G' SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.**

Principal Executive Officer: **Genald Hascall** Title: **Plant Manager** Telephone: **435-888-4476**

First Name: **Genald** Last Name: **Hascall**

No Data Indicator (NDDI): **No Data Indicator (NDDI)**

Code	Parameter Name	Monitoring Location	Season #	Param. NDDI	Qualifier 1		Qualifier 2		Qualifier 3		# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Units	Value 2	Units	Value 3	Units			
00056	Flow rate	1 - Effluent Gross	0		130DA AVG	Req Mon DAILY-MX-03-MGD					0130	Monthly	MS-WEASRD
00090	Oxygen dissolved (DO)	1 - Effluent Gross	0					5 MD AVG			0130	Monthly	GR-GRAB
00400	pH	1 - Effluent Gross	0					6.5 MINIMUM			0130	Monthly	GR-GRAB
00630	Solids, total suspended	1 - Effluent Gross	0		25 30DA AVG	35 MAX 7D AV		70 DAILY MAX			0130	Monthly	GR-GRAB
00645	Solids, settleable	Q - See Comments	0					0.5 DAILY MAX			0130	Monthly	GR-GRAB
01045	Iron, total (as Fe)	1 - Effluent Gross	0					1 DAILY MAX			0130	Monthly	GR-GRAB
03682	Oil and grease	Q - See Comments	0					10 DAILY MAX			0130	Monthly	GR-GRAB
45514	Sanitary waste discharged-assessment	1 - Effluent Gross	0					1850 DAILY MAX			0130	Monthly	GR-GRAB
70295	Solids, total dissolved	P - See Comments	0								0130	Monthly	VI-VISUAL
84066	Oil and grease visual	O - See Comments	0								0130	Monthly	VI-VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following flags will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By: **SUNNYSIDE COGENERATION ASSOC.**

User: **Sunnysida1** Date/Time: **2016-04-06 11:22 (Time Zone: -06:00)**

Name: **Rusty Netz** E-Mail: **metz@sscogen.com**

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012
 External Outfall

Discharge: 012-A
 COARSE REF TOE POND, ICELANDER

Report Dates & Status: From 03/04/16 to 03/31/16

DMR Due Date: 04/28/16

Status: NetIDMR Validated

Monitoring Period: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald
 First Name: Hassell
 Last Name: Hassell
 No Data Indicator (NDDI)

Title: Plant Manager

Telephone: 435-888-4475

Form NDDI:

Code	Parameter Name	Monitoring Location	Season	# Param. NDDI	Qualifier 1		Quantity or Loading		Quality or Concentration		# of Ex	Frequency of Analysis	Sample Type
					Value 1	Unit	Value 2	Unit	Value 1	Unit			
00056	Flow rate	1 - Effluent Gross	0	--	1 30DA AVG	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	5 MO AV/AN	9 MAXIMUM	12 - SU	01/30 - Monthly	MS - MERSRD
00300	Oxygen dissolved [DO]	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	6.5 MINIMUM	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
02562	Oil and grease	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
45514	Sanitary waste discharged-as-assessm	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
72395	Solids, total dissolved	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	25 30DA AVG	C - No Discharge	<=	25 30DA AVG	35 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Attachments: No attachments
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusy Netz
 E-Mail: mebz@sscogen.com

Date/Time:

2016-04-06 11:23 (Time Zone: -06:00)

DMR Copy of Record

Permit #: JT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 013
 External Outfall

Discharge: 013-A
 FACILITY SED POND, JOELANDER C

Report Dates & Status: From 03/01/16 to 03/31/16
 Monitoring Period: From 03/01/16 to 03/31/16
 Considerations for Form Completion

DMR Due Date: 04/28/16

Status: NetDMR Validated

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NDDI)
 Form NDDI:

Title: Plant Manager

Telephone: 435-889-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NDDI	Sample		Quantity or Loading		Quality or Concentration			# of Exc.	Frequency of Analysis	Sample Type			
					Sample	Permit Req. Value NDDI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00056	Flow rate	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	1-30DA AVG	Req Mon DAILY MAX 05 - MGD	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	MS - MFSR0
					Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge									
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	5 DAILY MIN	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	GR - GRAB
					Sample	Permit Req. Value NDDI	6.5 MINIMUM	C - No Discharge									
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	25 30DA AVG	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	GR - GRAB
					Sample	Permit Req. Value NDDI	35 MAX 7D AV	C - No Discharge									
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	15 30DA AVG	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	GR - GRAB
					Sample	Permit Req. Value NDDI	20 DAILY MAX	C - No Discharge									
03592	Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	Req Mon DAILY MAX 9P - N=QY=1	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	VI - VISUAL
					Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge									
45514	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	Req Mon DAILY MAX 9P - N=QY=1	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	VI - VISUAL
					Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge									
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	1650 DAILY MAX	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	GR - GRAB
					Sample	Permit Req. Value NDDI	19 - mg/L	C - No Discharge									
64069	Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	Req Mon DAILY MAX 9P - N=QY=1	C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/30 - Monthly	VI - VISUAL
					Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge									

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Summyside1
 Name: Rusty Nez
 E-Mail: metz@sscogin.com

Date/Time:

2016-04-06 11:24 (Time Zone: -06:00)

DMR Copy of Record

Permit #: **UT0024759**
 Major: **No**

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: **014 External Outfall**

Discharge: **014A ICELANDER CREEK**

Report Dates & Status: **From 03/01/16 to 03/31/16**

DMR Due Date: **04/28/16**

Status: **NEEDMR Yr/dated**

Monitoring Period:
 Considerations for Form Completion

Principal Executive Officer
 First Name: **Gerrald**
 Last Name: **Hascall**
 No Data Indicator (NODI)

Title: **Plant Manager**

Telephone: **435-988-4476**

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 2	Value 3				Qualifier 3
00056	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1300A AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	5 DAILY MIN	15 300A AVG	C - No Discharge	20 DAILY MX	19 - mg/L	0130 - Monthly	MS - MEASRD
00000	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	<=	<=	6.5 MINIMUM	35 MX 7D AV	C - No Discharge	50 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	>=	>=	9 MAXIMUM	50 DAILY MX	C - No Discharge	50 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
00930	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	<=	<=	25 300A AVG	35 MX 7D AV	C - No Discharge	50 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	<=	<=	15 300A AVG	15 300A AVG	C - No Discharge	20 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessm	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX 9P - N=QY=1	15 300A AVG	C - No Discharge	20 DAILY MX	19 - mg/L	0130 - Monthly	VI - VISUAL
70295	Solids, total discharged	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX 9P - N=QY=1	15 300A AVG	C - No Discharge	20 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX 9P - N=QY=1	15 300A AVG	C - No Discharge	20 DAILY MX	19 - mg/L	0130 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: **Sunnyside1**
 Name: **Rusty Netz**
 E-Mail: **metz@sscogen.com**

Date/Time:

2016-04-06 11:25 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 016
 Ekernal Outfall

Discharge: 016-A
 BORROW AREA POND/ICELANDER CK

Report Dates & Status: From 03/01/16 to 03/31/16

DMR Due Date: 04/28/16

Status: NetDMR Validated

Monitoring Period: From 03/01/16 to 03/31/16

Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NDDI):
 Form NDDI:

Title: Plant Manager

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NDDI	Qualifier 1		Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Unit 1	Value 2	Unit 2	Value 1	Unit 1			
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	1 360A AVG	Req Mon DAILY MX 03 - MGD	360	MGD	1 360A AVG	360	Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	C - No Discharge	C - No Discharge			C - No Discharge			
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	5 SMO AVAN	5			5 SMO AVAN	5	Monthly	GR - GRAB
00350	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	6.5 MINIMUM	6.5			6.5 MINIMUM	6.5	Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0	-	Sample Permit Req. Value NDDI	25 300A AVG	25			25 300A AVG	25	Monthly	GR - GRAB
01048	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	38 MX 7D AV	38			38 MX 7D AV	38	Monthly	GR - GRAB
03382	Oil and grease	C - See Comments	0	-	Sample Permit Req. Value NDDI	C - No Discharge	C - No Discharge			C - No Discharge			
45314	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NDDI	Req Mon DAILY MX 9P - N=0,Y=1	Req Mon DAILY MX 9P - N=0,Y=1			Req Mon DAILY MX 9P - N=0,Y=1		Monthly	VI - MSU/L
70285	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NDDI	C - No Discharge	C - No Discharge			C - No Discharge			
84056	Oil and grease Visual	C - See Comments	0	-	Sample Permit Req. Value NDDI	0 DAILY MX	0			1650 DAILY MX 19 - mg/L	1650	Monthly	GR - SRAD

Submittion Note
 Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusy Netz
 E-Mail: metz@sscgen.com

Date/Time:

2016-04-06 11:26 (Time Zone: -06:00)

DMR Copy of Record

Permit #: **UT0024759**
 Major: **No**

Permittee: **SUNNYSIDE COGENERATION ASSOC.**
 Permittee Address: **P. O BOX 10
 EAST CARBON, UT 84520**

Facility: **SUNNYSIDE CONGENERATION ASSOC.**
 Facility Location: **P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520**

Permitted Feature: **017
 External Outfall**

Discharge: **017-A
 PHASE II LANDFILL SEED POND/DICE**

Report Dates & Status: **From 03/01/16 to 03/31/16**
 Monitoring Period:
 Considerations for Form Completion

DMR Due Date: **04/28/16**

Status: **N&DMR Validated**

Principal Executive Officer: **Gerold Hassell**
 First Name: **Gerold**
 Last Name: **Hassell**
 No Data Indicator (NDDI)
 Form NDDI:

Title: **Plant Manager**

Telephone: **435-888-4476**

Code	Parameter Name	Monitoring Location	Season #	Param. NDDI	Qualifier 1		Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Value 1	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3
00055	Flow rate	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	1300A AVG	Req Mon DAILY MX 03 - MGD	<=	5 DAILY MN	35 MAX 7D AV	100 DAILY MX	19 - mg/L	0130 - Monthly	MS - WEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	C - No Discharge	C - No Discharge	C - No Discharge	19 - mg/L	0130 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	>=	6.5 MINIMUM	25 30DA AVG	35 MAX 7D AV	19 - mg/L	0130 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	C - No Discharge	C - No Discharge	C - No Discharge	19 - mg/L	0130 - Monthly	GR - GRAB
01034	Chromium, total (as Cr)	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	0.3 30DA AVG	0.3 30DA AVG	0.3 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
01092	Zinc, total (as Zn)	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	0.3 30DA AVG	0.3 30DA AVG	0.3 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
03388	Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	15 30DA AVG	15 30DA AVG	20 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
4564	Sanitary waste discharged-assessm	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	Req Mon DAILY MX 9P - N=QY=1	Req Mon DAILY MX 9P - N=QY=1	Req Mon DAILY MX 9P - N=QY=1	19 - mg/L	0130 - Monthly	VI - VISUAL
76288	Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	1650 DAILY MX	1650 DAILY MX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB
84056	Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req. Value NDDI	C - No Discharge	C - No Discharge	<=	Req Mon DAILY MX 9P - N=QY=1	Req Mon DAILY MX 9P - N=QY=1	Req Mon DAILY MX 9P - N=QY=1	19 - mg/L	0130 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By: **SUNNYSIDE COGENERATION ASSOC.**
 User: **Summyside1**
 Name: **Rusty Netz**
 E-Mail: **netz@sscoogen.com**

Date/Time:

2016-04-08 11:27 (Time Zone: -0600)

DMR Copy of Record

Permit #: UT0024759
 Major: No
 Discharge: External Outfall

Permittee: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 11
 EAST CARSON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Report Dates & Status: From 03/01/16 to 03/31/16
 Monitoring Period: From 03/01/16 to 03/31/16
 Considerations for Form Completion: DMR Due Date: 04/28/16

Discharge: 018-A
 Sedimentation pond to contain runoff from #2 Ash Landfill

Status: NetDMR Validated

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hascell
 Title: Plant Manager
 Telephone: 435-888-4476

Form NOD: No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location Season #	Param. NOD	Qualifier 1		Qualifier 2		Quality of Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
				Value 1	Value 2	Value 1	Value 2	Qualifier 1	Qualifier 2	Qualifier 3				
00056	Flow rate	1 - Effluent Gross	0	1 30DA AVG	Req Mon DAILY 4X 03 - MGD	5 DAILY MIN	357 DA AVG	9 DAILY MIX	12 - SU	19 - mg/L	0130 - Monthly	MS - UEGSRD		
00000	Oxygen, dissolved [DO]	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	8.5 DAILY MIN	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
00400	pH	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	23 90DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
00530	Solids, total suspended	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	0.37 DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	3 30DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
01094	Zinc, total recoverable	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	3 30DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
03582	Oil and grease	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	15 30DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
4514	Sewery waste discharged-assessment	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	15 30DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
70255	Solids, total dissolved	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	15 30DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		
84068	Oil and grease visual	1 - Effluent Gross	0	C - No Discharge	Req Mon DAILY 4X 03 - MGD	15 30DA AVG	357 DA AVG	100 DAILY MIX	19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAA		

Submittal Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following flags will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
 Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusy Neiz
 E-Mail: metz@sscogen.com

Date/Time: 2016-04-08 11:28 (Time Zone: -0600)

DMR Copy of Record

Permit

Permit #: UT0024729
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM
 External Outfall

Discharge: SUM-A
 THE SUM OF ALL OUTFALLS

Report Dates & Status
 Monitoring Period: From 03/01/16 to 03/31/16

DMR Due Date: 04/28/16

Status: NEIDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-588-4476

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1 Value 1	Qualifier 2 Value 2	Quantity or Loading	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
7029	Solids, Total dissolved	1 - Effluent Gross	0		<=	2000 DAILY MAX	26 - l/bd	C - No Discharge					01/30 - Monthly	GR - GRAB	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Samyisdal1

Name: Rusly Netz

E-Mail: matz@sscogen.com

Date/Time:

2016-04-06 11:29 (Time Zone: -06:00)

May 9, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: May 2016, UPDES Compliance Report
April 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during April 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the April 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 EAST CARBON, UT 84520
 SUNNYSIDE CONGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002 External Outfall
Discharge: 002-A WATER SUPPLY DIS TO GRASSY CRK
Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
DMR Due Date: 05/28/16
Status: NetDMR Validated
Telephone: 435-898-4476
Title: Plant Manager

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

No Data Indicator (NODI)
 Form NODI: -

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality of Concentration		Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00056	Flow rate	1 - Effluent Gross	0	-	1 3DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	C - No Discharge		01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	5 MO AV MN	C - No Discharge	9 MAXIMUM	12 - SU	19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	8.5 MINIMUM	C - No Discharge	1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	10 DAILY MX	C - No Discharge	1650 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
05582	Oil and grease	0 - See Comments	0	-	Req Men DAILY MX 9P - N=OY=1	C - No Discharge				01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-						01/30 - Monthly	V1 - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-						01/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnysida1
Name: Rusty Neiz
E-Mail: metz@sscogen.com

Date/Time: 2016-05-10 15:04 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permittee: SUNNYSIDE COGENERATION ASSOC.
Major: No
Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520
Permitted Feature: 003
 External Outfall
Report Dates & Status: 003-A
 WATER SUPPLY PIPELINE/GRASSY T
Monitoring Period: From 04/01/16 to 04/30/16
DMR Due Date: 05/28/16
Status: Not DMR Validated
Telephone: 435-986-4476

Permittee Address: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520
Discharge: 003-A
 WATER SUPPLY PIPELINE/GRASSY T
Title: Plant Manager

Monitoring Location Season & Param. NODI
 Cede Parameter Name
 00056 Flow rate 1-- Effluent Gross 0
 00000 Oxygen, dissolved [DO] 1-- Effluent Gross 0
 00040 pH 1-- Effluent Gross 0
 01245 Iron, total [see Fe] 1-- Effluent Gross 0
 03692 Oil and grease C- See Comments 0
 45214 Sanitary waste discharged-assessment, 1-- Effluent Gross 0
 70295 Solids, total dissolved P- See Comments 0

Cede	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00056	Flow rate	1-- Effluent	Gross	0	130DA AVG C- No Discharge	Req Mon DAILY MX 03 - MGD C- No Discharge				0130 - Monthly	MS - MEASRD
00000	Oxygen, dissolved [DO]	1-- Effluent	Gross	0	>=	5 MO AV MN C- No Discharge				0130 - Monthly	GR - GRAB
00040	pH	1-- Effluent	Gross	0	>=	6.5 MINIMUM C- No Discharge				0130 - Monthly	GR - GRAB
01245	Iron, total [see Fe]	1-- Effluent	Gross	0						0130 - Monthly	GR - GRAB
03692	Oil and grease	C- See	Comments	0						0130 - Monthly	GR - GRAB
45214	Sanitary waste discharged-assessment,	1-- Effluent	Gross	0						0130 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P- See	Comments	0						0130 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusty Netz
E-Mail: metz@scogen.com

Date/Time: 2016-05-10 15:05 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permit #: No
Major: 007 External Outfall
Permitted Feature: 007-A RAIL CUT POND, ICELANDER CREEK
Facility: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O BOX 10 EAST CARBON, UT 84520 SUNNYSIDE, UT 84520

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10 EAST CARBON, UT 84520
Discharge: 007-A RAIL CUT POND, ICELANDER CREEK
DMR Due Date: 05/28/16
Status: NetDMR Validated

Report Dates & Status: From 04/01/16 to 04/30/16
Monitoring Per od: Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL. SETTEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name: Gerald
Last Name: Hascall

No Data Indicator (NODI)

Form NODI: Monitoring Location Season # Param. NODI
 Code Parameter Name

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Sample Value	Qualifier 1	Value 1	Quantity of Loading Qualifier:2	Value 2	Units	Qualifier 1	Value 1	Quality or Concentration Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1.30DA AVG	<=	1.30DA AVG	Req Mon DAILY MX 03 - MGD	C - No Discharge									01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		>=	5 NO AV MIN	C - No Discharge									19 - mg/L	01/30 - Monthly	GR - GRAB
04000	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		>=	6.5 MINIMUM	C - No Discharge									12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		<=	25.30DA AVG	C - No Discharge									70 DAILY MX	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0	--	Sample Permit Req. Value NODI		<=											5 DAILY MX	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		<=											1 DAILY MX	01/30 - Monthly	GR - GRAB
03582	Oil and grease	O - See Comments	0	--	Sample Permit Req. Value NODI		<=											10 DAILY MX	01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX 9P - N6DY=1	C - No Discharge									01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	--	Sample Permit Req. Value NODI		<=											1650 DAILY MX	01/30 - Monthly	GR - GRAB
84066	Oil and grease visual	O - See Comments	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX 9P - N6DY=1	C - No Discharge									01/30 - Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No errors.

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusty Nolz
E-Mail: metz@sscogen.com

Date/Time: 2016-05-10 15:06 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature:
 008 External Outfall
 Discharge: 008-A
 OLD COARSE REF PND ICELANDER

Report Dates & Status
 Monitoring Period: From 04/01/16 to 04/30/16
 DMR Due Date: 05/28/16
 Status: NetDMR Validated

Considerations for Farm Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal/Executive Officer
 First Name: Gerald
 Last Name: Hascell
 Title: Plant Manager
 Telephone: 435-888-4476

Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056 Flow rate	1 - Effluent Gross	0	--	Permit Req. Value NODI	1.30DA AVG C - No Discharge	Res Mon DAILY MX 03 - MGD C - No Discharge											01930	Monthly	MS - MEASFC
00030 Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Permit Req. Value NODI					>=	5 MG AV MAX C - No Discharge							01930	Monthly	GR - GRAB
00400 pH	1 - Effluent Gross	0	--	Permit Req. Value NODI					>=	6.5 MINIMUM C - No Discharge							01930	Monthly	GR - GRAB
00030 Solids, total suspended	1 - Effluent Gross	0	--	Permit Req. Value NODI					<=	25 30DA AVG C - No Discharge							01930	Monthly	GR - GRAB
00045 Solids, settleable	Q - See Comments	0	--	Permit Req. Value NODI					<=	35 MX 1D AV C - No Discharge							01930	Monthly	GR - GRAB
01345 Iron, total [as Fe]	1 - Effluent Gross	0	--	Permit Req. Value NODI					<=	5 DAILY MX C - No Discharge							01930	Monthly	GR - GRAB
00082 Oil and grease	C - See Comments	0	--	Permit Req. Value NODI					<=	1 DAILY MX C - No Discharge							01930	Monthly	GR - GRAB
42514 Sanitary waste discharged-assessm1	1 - Effluent Gross	0	--	Permit Req. Value NODI		Req Mon DAILY MX 9P - NoDyY=1 C - No Discharge											01930	Monthly	VI - VISUAL
70035 Solids, total dissolved	P - See Comments	0	--	Permit Req. Value NODI					<=	1650 DAILY MX C - No Discharge							01930	Monthly	GR - GRAB
84366 Oil and grease visual	G - See Comments	1	--	Permit Req. Value NODI		0 DAILY MX C - No Discharge											01930	Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent, Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: rneiz@sscoegen.com

Date/Time: 2016-05-10 15:07 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
Major: No
Permitted Feature: 009 External Outfall
Report Dates & Status: From 04/01/16 to 04/30/16
Monitoring Period: 05/28/16
Facility: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O BOX 10
 EAST CARBON, UT 84520
Discharge: 009-A PASTURE POND, ICELANDER CREEK
DMR Due Date: 05/28/16
Status: NetDMR Validated
Telephone: 435-888-4476

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
Plant Manager: Gerald Hascell
Title:

Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.
Principal Executive Officer: Gerald Hascell

Form NODI: No Data Indicator (NODI)
Monitoring Location Season & Param. NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent	Gross	0	<=	1.30DA AVG	C - No Discharge					01/30 - Monthly	MS - MEASRD
00030	Oxygen, dissolved (DO)	1 - Effluent	Gross	0	>=	5 MO AV MN	C - No Discharge				19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent	Gross	0	>=	6.5 MINIMUM	C - No Discharge				9 MAXIMUM	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent	Gross	0	<=	25.00DA AVG	C - No Discharge				70 DAILY MX	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments		0	<=						25 - mL/L	01/30 - Monthly	GR - GRAB
01045	Iron, total (as Fe)	1 - Effluent	Gross	0	<=						19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	O - See Comments		0	<=						10 DAILY MX	01/30 - Monthly	GR - GRAB
45814	Sanitary waste discharged-accosmm1	1 - Effluent	Gross	0	<=						1650 DAILY MX	01/30 - Monthly	GR - GRAB
70285	Solids, total dissolved	P - See Comments		0	<=						19 - mg/L	01/30 - Monthly	GR - GRAB
84066	Oil and grease visual	O - See Comments		0	<=						10 DAILY MX	01/30 - Monthly	VI - VISUAL

Submission Note: If a parameter row does not contain any values for the Sample not Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors: No errors.

Comments:

Attachments: No attachments.

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Sunnysido 1
Name: Rusty Nolz
E-Mail: metz@scoegen.com

Date/Time: 2016-05-10 15:08 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UTC024759
Major: No
Permitted Feature: C12 External Outfall
Report Dates & Status: From 04/01/16 to 04/30/16
Monitoring Period: 04/01/16 to 04/30/16
Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE WA FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.
Principal Executive Officer: Gerald Hascall
First Name: Gerald
Last Name: Hascall
No Data Indicator (NODI):
Form NODI:

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520
Discharge: 012-A
 COARSE REF TOE POND, ICELANDER
DMR Due Date: 05/28/16
Status: Held/DMR Validated
Facility Location: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520
Telephone: 435-686-4475
Title: Plant Manager

Code	Parameter Name	Monitoring Location	Session #	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
30056	Flow rate	1 - Effluent Gross	0		1.30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge				01/30 - Monthly	MS - MEASRD
30020	Oxygen, dissolved [DO]	1 - Effluent Gross	0		5 MO AY MN C - No Discharge				19 - mg/L	01/30 - Monthly	GR - GRAB
30400	pH	1 - Effluent Gross	0		6.5 MINIMUM C - No Discharge				12 - SU	01/30 - Monthly	GR - GRAB
30530	Solids, total suspended	1 - Effluent Gross	0		25.30DA AVG C - No Discharge				19 - mg/L	01/30 - Monthly	GR - GRAB
30545	Solids, settleable	Q - See Comments	0						9 MAXIMUM C - No Discharge	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0						70 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
03552	Oil and grease	O - See Comments	0						5 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
45814	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0						1 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
70295	Solids, total dissolved	P - See Comments	0						10 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
84066	Oil and grease visual	O - See Comments	0						1650 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB

Submission Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors: No errors.
Comments:
Attachments: No attachments.
Report Last Saved By: Sunnyside1
SUNNYSIDE COGENERATION ASSOC.: Sunnyside1
User: Rusty Nelz
Name: metz@sscogen.com
E-Mail:
Date/Time: 2016-05-10 15:09 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 EAST CARBON, UT 84520
 SUNNYSIDE, UT 84520

Permitted Feature: 013
 External Outfall

Report Dates & Status
 Monitoring Period: From 04/01/16 to 04/30/16
 Considerations for Form Completion

Discharge: 013-A
 FACILITY SED POND/ICELANDER C

DMR Due Date: 05/28/16
 Status: NetDMR Validated

Permittee Address: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascaill
 Title: Plant Manager
 Telephone: 435-885-4476

No Data Indicator (NODI)
 Form NODI: Monitoring Location, Season # Param, NODI

Code	Parameter Name	Monitoring Location	Season #	Param	NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Quality or Concentration	Qualifier 4	Value 4	Qualifier 5	Value 5	Sample Type
00656	Flow rate	1 - Effluent Gross	0	-	-	Req Mon DAILY MX 03 - MGD	C - No Discharge											MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	-	5 DAILY MN	C - No Discharge	>=				19 - mg/L						GR - GRAB
00400	pH	1 - Effluent Gross	0	-	-	5.5 MINIMUM	C - No Discharge	>=					9 MAXIMUM					GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	-	25 30DA AVG	C - No Discharge	<=					35 MX 7D AV					GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	-	Req Mon DAILY MX 9P - N=0Y=1	C - No Discharge						15 30DA AVG					GR - GRAB
45514	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	-	-	Req Mon DAILY MX 9P - N=0Y=1	C - No Discharge						20 DAILY MX					VI - VISUAL
70252	Solids, total dissolved	1 - Effluent Gross	0	-	-	Req Mon DAILY MX 9P - N=0Y=1	C - No Discharge						1650 DAILY MX					GR - GRAB
84666	Oil and grease Visual	1 - Effluent Gross	0	-	-	Req Mon DAILY MX 9P - N=0Y=1	C - No Discharge						1650 DAILY MX					VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edits Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Nelz
 E-Mail: met@sscoogen.com

Date/Time: 2016-05-10 15:10 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Major: No
Permitted Feature: 014 External Outfall
Report Dates & Status: From 04/01/16 to 04/30/16
Monitoring Period: 05/28/16
Considerations for Form Completion:

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
Facility Location: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Discharge: 014-A
 ICLEANDER CREEK
Status: NetDMR Validated

DMR Due Date: 05/28/16
Title: Plant Manager
Telephone: 435-888-4476

Principal Executive Officer: Gerald Hascall
First Name: Gerald
Last Name: Hascall
No Data Indicator (NODI):

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00056	Flow rate	1 - Effluent Gross	0	-	1300A AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	>=	5 DAILY MIN C - No Discharge	19 - mg/L	01/30 - Monthly	MS - MEASFD	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	>=	6.6 MINIMUM C - No Discharge	>=	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	<=	25 30DA AVG C - No Discharge	<=	35 MX 7D AV C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	<=	1530DA AVG C - No Discharge	<=	20 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB	
03822	Oil and grease	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - NoDY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL	
45214	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - NoDY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL	
70395	Solids, total dissolved	1 - Effluent Gross	0	-						01/30 - Monthly	GR - GRAB	
84366	Oil and grease visual	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - NoDY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL	

Submission Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors: No errors.

Comments:

Attachments: No attachments.

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusty Netz
E-Mail: metz@sscogen.com

Date/Time: 2016-05-10 15:10 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permittee: SUNNYSIDE COGENERATION ASSOC.
Major: No
Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 016
 External Outfall

Report Dates & Status: 016-A
 BORROW AREA POND/ICELANDER CK

Monitoring Period: 05/28/16
DMR Due Date: 05/28/16

Considerations for Form Completion: NeldMR Validated

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascall
Title: Plant Manager
Telephone: 435-888-4476

Form NODI: No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD							01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	>=	5 MO AV MN	C - No Discharge			19 - mg/L				01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	>=	6.5 MINIMUM	C - No Discharge			9 MAXIMUM				01/30 - Monthly	GR - GRAB
00590	Solids, total suspended	1 - Effluent Gross	0	-	<=	25 30DA AVG	C - No Discharge	35 MX 7D AV	C - No Discharge	70 DAILY MX				01/30 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0	-	<=	5 DAILY MX	C - No Discharge			25 - mL/L				01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	<=	1 DAILY MX	C - No Discharge			19 - mg/L				01/30 - Monthly	GR - GRAB
03562	Oil and grease	O - See Comments	0	-	<=	10 DAILY MX	C - No Discharge			19 - mg/L				01/30 - Monthly	GR - GRAB
45514	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - NODI=1	C - No Discharge								01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-	<=	1650 DAILY MX	C - No Discharge			19 - mg/L				01/30 - Monthly	GR - GRAB
84065	Oil and grease visual	O - See Comments	0	-	<=	0 DAILY MX	9P - NODI=1	C - No Discharge						01/30 - Monthly	GR - GRAB

Submission Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors: No errors.

Comments:

Attachments: No attachments.

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusty Neiz
E-Mail: metz@sscogen.com

Date/Time: 2016-05-10 15:11 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permittee: SUNNYSIDE COGENERATION ASSOC.
Major: No
Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 018- External Outfall
Discharge: 018-A Sedimentation pond to contain runoff from #2 Ash Landfill
Status: NetDMR Validated

Report Dates & Status: From 04/01/16 to 04/30/16
Monitoring Period: 05/28/16
DMR Due Date: 05/28/16
Telephone: 435-888-4476

Principal Executive Officer: Gerald Hascall
Title: Plant Manager

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00356	Flow rate	1 - Effluent Gross	0	-	1300A AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge					01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-					19 - mg/L		01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	5 DAILY MN C - No Discharge						01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	6.5 DAILY MN C - No Discharge				9 DAILY MX C - No Discharge		01/30 - Monthly	GR - GRAB
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	-	25 300A AVG C - No Discharge				100 DAILY MX C - No Discharge		01/30 - Monthly	GR - GRAB
01094	Zinc, total recoverable	1 - Effluent Gross	0	-					.03 7 DA AVG C - No Discharge		01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	3 300A AVG C - No Discharge				3 DAILY MX C - No Discharge		01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-essasmxl	1 - Effluent Gross	0	-					15 300A AVG C - No Discharge		01/30 - Monthly	GR - GRAB
70295	Solids, total dissolved	1 - Effluent Gross	0	-					20 DAILY MX C - No Discharge		01/30 - Monthly	GR - GRAB
84065	Oil and grease visual	1 - Effluent Gross	0	-					1650 DAILY MX C - No Discharge		01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Nelz
 E-Mail: melz@sscogem.com

Date/Time: 2016-05-10 15:12 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P.O. BOX 10
 EAST CARBON, UT 84520
 SUNNYSIDE, UT 8452C

Permitted Feature: SUM External Cutoff
 Discharge: THE SUM OF ALL OUTFALLS
 Report Dates & Status: SUM-A
 Monitoring Period: From 04/01/16 to 04/30/16
 DMR Due Date: 05/20/16
 Status: Not DMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascoll
 Title: Plant Manager
 Telephone: 435-888-4476

Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
70285 Solids, total dissolved	1 - Effluent Gross	0				2000 DAILY MAX	26 - 31/d			01/28 - Monthly	GR - GRAB
						C - No Discharge					

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE CONGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Nelz
 E-Mail: metz@sscogen.com
 Date/Time: 2015-05-10 15:13 (Time Zone: -06:00)

June 6, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: June 2016, UPDES Compliance Report
May 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during May 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the May 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit

Permit #: UT024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002
 External Outfall

Discharge: 002A
 WATER SUPPLY DIS TO GRASSY CRK

Report Dates & Status: Monitoring Period: From 05/01/15 to 05/31/15
 Considerations for Form Completion

DMR Due Date: 05/28/15
 Status: NotDMR Validated

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hassall

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1				Qualifier 2
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	C - No Discharge	5 MD AV MN	9 MAXIMUM	12 - SU	01/30 - Monthly	MS - W/ASPD
00090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	3#	C - No Discharge	65 MINIMUM	C - No Discharge	1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	3#	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8			
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	4#	C - No Discharge	150 DAILY MX	19 - mg/L	01/30 - Monthly	V - VISUAL			
03982	Oil and Grease	0 - See Comments	0	-	Sample Permit Req. <= Value NODI	4#	C - No Discharge	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8			
45814	Sanitary waste discharged-see sampl	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	4#	C - No Discharge	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8			
72095	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. <= Value NODI	4#	C - No Discharge	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8			

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnysida1

Name: Rusy VeZ

E-Mail: metz@scogen.com

Date/Time:

2016-06-06 13:34 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 003
 External Outfall

Discharge: 003-A
 WATER SUPPLY PIPELINE/GRASSY T

Report Dates & Status
 Monitoring Period: From 05/01/16 to 05/31/16

DMR Due Date: 06/28/16

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-898-4478

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location Season & Param. NOD		Quantity of Loadings		Quality of Concentration			# of Ex. Frequency of Analysis	Sample Type	
		Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 3			
00365	Flow rate	1 - Effluent Gross	0	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MISO C - No Discharge					01/30 - Monthly	IAS - MEASRD
00390	Oxygen, dissolved [DO]	1 - Effluent Gross	0			5 MO AV MN C - No Discharge				01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0			6.5 MINIMUM C - No Discharge				01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0					9 MAXIMUM C - No Discharge		01/30 - Monthly	GR - GRAB
03592	Oil and grease	O - See Comments	0					10 DAILY MX C - No Discharge		01/30 - Monthly	GR - GRAB
45814	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0		Req Mon DAILY MX 9P - N=QV=1 C - No Discharge					01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0					1650 DAILY MX C - No Discharge		01/30 - Monthly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By:
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Netz
 E-Mail: melr@sscogen.com

Date/Time: 2016-06-06 13:35 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P.O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONDENSATION ASSOC.
 Facility Location: P.O. BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 007
 External O Jrait

Discharge: 007-A
 RAIL CUT POND, ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 05/01/16 to 05/31/16

DMR Due Date: 06/28/16

Status: NEIDMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascall
 Title: Plant Manager
 Telephone: 435-888-4476

Last Name: Hascall
 No Data Indicator (NOD):

Code	Parameter Name	Monitoring Location	Season	Param	NOD1	Quarter 1		Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
						Value 1	Value 2	Value 1	Value 2	Value 1	Value 2				
00955	Flow rate	1 - Effluent Gross	0			1 30DA AVG	Req Mon DAILY MX 03 - MGD	5 MO AVMN	35 MX 7D AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	M3 - MEASRD		
00960	Oxygen, dissolved [DO]	1 - Effluent Gross	0			C - No Discharge	C - No Discharge	C - No Discharge	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB	
00400	pH	1 - Effluent Gross	0			>=	6.5 MINIMUM	5 MO AVMN	35 MX 7D AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0			<=	25 30DA AVG	C - No Discharge	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB	
00545	Solids, settleable	Q - See Comments	0			<=	5 DAILY MX	25 - mL/L	35 MX 7D AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB		
01045	Iron, total [as Fe]	1 - Effluent Gross	0			<=	1 DAILY MX	19 - mg/L	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB	
02662	Oil and grease	O - See Comments	0			<=	Req Mon DAILY MX 9P - N=QY=1	C - No Discharge	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB	
45614	Sanitary waste discharge assessment	1 - Effluent Gross	0			<=	Req Mon DAILY MX 9P - N=QY=1	C - No Discharge	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	P - See Comments	0			<=	1650 DAILY MX	19 - mg/L	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GP - GRAB	
84066	Oil and grease visual	O - See Comments	0			<=	Req Mon DAILY MX 9P - N=QY=1	C - No Discharge	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: SunnySide1
 Name: Rusy Natz
 E-Mail: metz@sscogean.com

Date/Time: 2016-06-08 13:36 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT0024789
Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O BOX 10
P. O. BOX 10
SUNNYSIDE, UT 84520

Permitted Feature: 008
External Outfall

Discharge: 008-A
OLD COARSE REF PND ICELANDER

Monitoring Period: From 05/01/15 to 05/31/16

DMR Due Date: 06/29/16

Status: NetDMR Validated

Considerations for Form Completion

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascall

Title: Plant Manager

Telephone: 435-888-4476

Last Name: Hascall

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Qualifier 1	Value 1	Value 2			
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	1 300A AVG C - No Discharge	Req Non DAILY MX 03 - MGD					MS - MESSND
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	5 MO AVMN C - No Discharge						GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	6.5 MINIMUM C - No Discharge						GR - GRAB
00630	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	25 300A AVG C - No Discharge	70 DAILY MX 19 - mg/L					GR - GRAB
00645	Solids, settleable	Q - See Comments	0	-	Sample Permit Req. Value NOD		35 MX TD AV C - No Discharge					GR - GRAB
01045	Iron, total [Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD		5 DAILY MX 25 - mg/L					GR - GRAB
03982	Oil and grease	Q - See Comments	0	-	Sample Permit Req. Value NOD		1 DAILY MX 19 - mg/L					GR - GRAB
4581	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	Req Non DAILY MX 9P - N=QY=1						GR - GRAB
70295	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NOD		1650 DAILY MX 19 - mg/L					GR - GRAB
84056	Oil and grease visual	Q - See Comments	1	-	Sample Permit Req. Value NOD	0 DAILY MX C - No Discharge						VI - VISUAL

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.
Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusey Neitz
E-Mail: metz@sscogen.com

Date/Time:

2016-06-06 13:37 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024753
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 34520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 009
 External Outfall

Discharge:

009-A
 PASTURE POND, ICELANDER CREEK

DMR Due Date:

06/28/16

Status:

NetDMR Validated

Report Dates & Status
 Monitoring Period: From 05/01/16 to 05/31/16

Considerations for Form Completion
 IF ANY O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hassall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NOD)
 Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Qualifier 1		Quantity or Loading		Qualifier 1		Qualifier 2		Qualifier 3		Units	# of Ex. Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2					
00095	Flow rate	1 - Effluent Gross	0		Sample Permit Req. Value NOD	1 30DA AVG	Req Mon DAILY MAX 03 - MGD		5 MD AVNN	38 MX 7D AV	70 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRAB			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. Value NOD	C - No Discharge	C - No Discharge		6.5 MINIMUM	C - No Discharge	C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB			
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NOD								01/30 - Monthly	GR - GRAB			
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NOD								01/30 - Monthly	GR - GRAB			
00545	Solids, beltable	Q - See Comments	0		Sample Permit Req. Value NOD								01/30 - Monthly	GR - GRAB			
01045	Iron, total [as Fe]	1 - Effluent Gross	0		Sample Permit Req. Value NOD								01/30 - Monthly	GR - GRAB			
02582	Oil and grease	O - See Comments	0		Sample Permit Req. Value NOD								01/30 - Monthly	GR - GRAB			
45514	Sanitary waste discharge	1 - Effluent Gross	0		Sample Permit Req. Value NOD								01/30 - Monthly	VI - VISUAL			
70295	Solids, total dissolved	P - See Comments	0		Sample Permit Req. Value NOD								01/30 - Monthly	GR - GRAB			
84086	Oil and grease visual	O - See Comments	0		Sample Permit Req. Value NOD								01/30 - Monthly	VI - VISUAL			

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusly Neiz
 E-Mail: metz@sscogen.com

Date/Time:

2016-06-06 13:38 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012
 External Outfall

Discharge: 012-A
 COARSE REF TOE POND, ICELANDER

Report Dates & Status: From 05/01/16 to 05/31/16

DMR Due Date: 06/28/16

Status: NEDMR Validated

Monitoring Period for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THISSHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE W/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE

Principal Executive Officer: Gerald

First Name: Gerald

Last Name: Hassall

Title: Plant Manager

Telephone: 435-888-4478

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality of Concentration			# of Ed. Frequency of Analysis	Sample Type		
					Value 1	Value 2	Qualifier 1	Value 1	Qualifier 2			Value 2	Qualifier 3
00056	Flow rate	1 - Effluent Gross	0		Sample Permit Req. Value NODI	1 300A AVG C - No Discharge	Req Mon DAILY MX 03 - MGD					01/30 - Monthly	MS - MEASRD
00030	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. Value NODI		>=	5 MG AV MIN C - No Discharge				01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NODI		>=	6.5 MINIMUM C - No Discharge				01/30 - Monthly	GR - GRAB
00350	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI		<=	25 300A AVG C - No Discharge				01/30 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0		Sample Permit Req. Value NODI		<=	5 DAILY MX 25 - mL/L C - No Discharge				01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0		Sample Permit Req. Value NODI		<=	1 DAILY MX 19 - mg/L C - No Discharge				01/30 - Monthly	GR - GRAB
00662	Oil and grease	O - See Comments	0		Sample Permit Req. Value NODI		<=	10 DAILY MX 19 - mg/L C - No Discharge				01/30 - Monthly	GR - GRAB
46814	Sanitary waste discharged/assessmt.	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon DAILY MX 9P - N=QY=1 C - No Discharge				01/30 - Monthly	GR - GRAB
70295	Solids, total dissolved	P - See Comments	0		Sample Permit Req. Value NODI			150 DAILY MX 19 - mg/L C - No Discharge				01/30 - Monthly	GR - GRAB
84095	Oil and grease visual	O - See Comments	0		Sample Permit Req. Value NODI			0 DAILY MX 9P - N=QY=1 C - No Discharge				01/30 - Monthly	V - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Nelz
 E-Mail: metz@sscogen.com

Date/Time: 2016-05-06 13:38 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permit Address: F. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 013
 External Outfall

Discharge: 013-A
 FACILITY SED POND/ICELANDER C

Report Dates & Status: From 05/01/16 to 05/31/16
 Monitoring Period: Considerations for Form Completion

DMR Due Date: 06/28/16
 Status: Not DMR Validated

Principal Executive Officer: Gerald
 First Name: Hascall
 Last Name: Hascall

Title: Plant Manager
 Telephone: 435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quarter 1		Quantity or Loading		Units	Quality or Concentration			Units	# of Ex. Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2		Qualifier 1	Value 1	Value 2			
00268	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD				5 DAILY MIN C - No Discharge				MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI						6.5 MINIMUM C - No Discharge				GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI						9 MAXIMUM C - No Discharge				GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI						25 30DA AVG C - No Discharge				GR - GRAB
00520	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI						35 MX 7D AV C - No Discharge				GR - GRAB
43514	Sanitary waste discharged-sewer	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX gp - N=0, Y=1					15 30DA AVG C - No Discharge				VI - VISUAL
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI						1650 DAILY MX 19 - mg/L C - No Discharge				GR - GRAB
84956	Oil and grease Visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX gp - N=0, Y=1									VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: SunnySteel
 Name: Rusty Ketz
 E-Mail: metz@sscgen.com

Date/Time: 2016-06-06 13:41 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC,
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC,
 P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 014
 External Outfall

Discharge:

014-A
 ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 05/01/15 to 05/31/16
 Considerations for Form Completion

DMR Due Date:

06/28/16

Status:

Not DMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of EA	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1				Qualifier 2	Value 2	Qualifier 3	Value 3
00058	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX MG/D C - No Discharge	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	5 DAILY MIN C - No Discharge	19 - mg/L	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge	12 - SU	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	25 30DA AVG C - No Discharge	19 - mg/L	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	GR - GRAB
00593	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	35 MAX 7D AV C - No Discharge	19 - mg/L	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	GR - GRAB
45614	Sanitary waste discharge assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	VI - VISUAL
70285	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	1650 DAILY MX C - No Discharge	19 - mg/L	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	GR - GRAB
84068	Oil and grease, total	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	Req Mon DAILY MX SP - NODI=1 C - No Discharge	19 - mg/L	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	01/20 - Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User:

Sunnyside1

Name:

Rusty Netz

E-Mail:

metc@scoegen.com

Date/Time:

2016-06-08 13:42 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 016
 External Outfall

Discharge: 016-A
 BORROW AREA POND/CELANDER CK

Report Dates & Status: From 05/01/15 to 05/31/15

DMR Due Date: 06/28/15

Status: NetDMR Validated

Monitoring Period: From 05/01/15 to 05/31/15

Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE VIA FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-898-4476

No Data Indicator (NODI):

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality of Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00096	Flow rate	1 - Effluent Gross	0	-	Sample	1300A AVG	Req Mon DAILY MAX 08 - MGD	5 MO AV MIN	19 - mg/L	01/30 - Monthly	MS - MEASRD
00090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Permit Req. Value NODI	C - No Discharge	6 S MINIMUM	25 30DA AVG	70 DAILY MAX	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample	Value NODI	C - No Discharge	35 MAX TO AV	19 - mg/L	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Permit Req. Value NODI	C - No Discharge	9 MAXIMUM	12 - SU	19 - mg/L	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0	-	Sample	Value NODI	C - No Discharge	5 DAILY MAX	25 - m/L	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Permit Req. Value NODI	C - No Discharge	1 DAILY MAX	19 - mg/L	19 - mg/L	01/30 - Monthly	GR - GRAB
03500	Oil and grease	O - See Comments	0	-	Sample	Value NODI	C - No Discharge	10 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessm	1 - Effluent Gross	0	-	Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MAX 9P - MGDY=1	35 MAX TO AV	19 - mg/L	01/30 - Monthly	V - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-	Sample	Value NODI	C - No Discharge	1850 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRAB
84068	Oil and grease visual	O - See Comments	0	-	Sample	Value NODI	C - No Discharge	10 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By: Sunnyside1
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Metz
 E-Mail: metz@sscogen.com

Date/Time: 2016-06-06 13:43 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 017
 External Outfall

Discharge: 017-A
 PHASE II LANDFILL SED POND/ICE

Monitoring Period: From 05/01/16 to 05/31/16

DMR Due Date: 06/28/16

Status: NEDMR Validated

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hassell

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1				Qualifier 2	Value 2
00056	Flow rate	1 - Effluent Gross	0	-	Sample	1 30DA AVG	Req Mon DAILY MAX 03 - MGD	>=	5 DAILY MIN	<=	35 MAX TD AV	100 DAILY MAX	19 - mg/L	01/30 - Monthly	MS - WEASTD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Permit Req. Value NODI	C - No Discharge	>=	6.5 MINIMUM	<=	0.3 DAILY MAX	0.3 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
00400	pH	1 - Effluent Gross	0	-	Sample	25 30DA AVG	C - No Discharge	<=	9 MAXIMUM	<=	100 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	35 MAX TD AV	C - No Discharge	<=	12 - SU	<=	100 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	-	Sample	0.3 30DA AVG	C - No Discharge	<=	0.3 DAILY MAX	<=	0.3 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	-	Sample	3 30DA AVG	C - No Discharge	<=	3 DAILY MAX	<=	3 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
00592	Oil and grease	1 - Effluent Gross	0	-	Sample	15 30DA AVG	C - No Discharge	<=	20 DAILY MAX	<=	20 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
45814	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample	Req Mon DAILY MAX 9P - N=0 Y=1	C - No Discharge	<=	1850 DAILY MAX	<=	1850 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Req Mon DAILY MAX 9P - N=0 Y=1	C - No Discharge	<=	1850 DAILY MAX	<=	1850 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	
84068	Oil and grease, visual	1 - Effluent Gross	0	-	Sample	Req Mon DAILY MAX 9P - N=0 Y=1	C - No Discharge	<=	1850 DAILY MAX	<=	1850 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRA48	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Nelz
 E-Mail: metz@sscogen.com

Date/Time: 2016-06-08 13:43 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 018
 External Outfall
 Monitoring Period: From 05/01/16 to 05/31/16
 Considerations for Form Completion

Discharge: 018-A
 Sedimentation pond to contain runoff from #2 Ash Landfill

DMR Due Date: 06/28/13
 Status: NEIDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NOD1	Quantity or Loading		Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type					
					Value 1	Value 2	Units	Qualifier 1	Value 1			Qualifier 2	Value 2	Qualifier 3	Value 3	Units
0085	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge		>=	5 DAILY MN C - No Discharge					01/30 - Monthly	MS - MGSRD
0090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				>=	6.5 DAILY MN C - No Discharge					01/30 - Monthly	GR - GRAB
0090	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	25 30DA AVG C - No Discharge					01/30 - Monthly	GR - GRAB
0090	50 lbs. total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	35 7 DA AVG C - No Discharge					01/30 - Monthly	GR - GRAB
0104	Chromium, total [Cr-C]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	.03 7 DA AVG C - No Discharge					01/30 - Monthly	GR - GRAB
0104	Zinc, total [reversible]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	3 30DA AVG C - No Discharge					01/30 - Monthly	GR - GRAB
0262	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	15 30DA AVG C - No Discharge					01/30 - Monthly	GR - GRAB
4574	Sewerage discharged-assessm	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL
7025	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	1650 DAILY MX 19 - mg/L C - No Discharge					01/30 - Monthly	GR - GRAB
8409	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1				<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: SunnySide1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-06-06 13:44 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permittee: SUNNYSIDE COGENERATION ASSOC.
Major: No
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM External Outfall
Discharge: SUM-A
 THE SUM OF ALL OUTFALLS
Report Dates & Status:
Monitoring Period: From 05/01/16 to 05/31/16
DMR Due Date: 06/28/16
Status: Not DMR Validated
Considerations for Form Completion:

Principal Executive Officer:
First Name: Gerald
Title: Plant Manager
Last Name: Hascall
Telephone: 435-989-4476

No Data Indicator (NODI):
Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier	Value 1	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type	
70255	Sludge, total d	solvent 1 - Effluent Gross	0		Sample Permit Fee Value NODI	<=	2000	DAILY	MX	28	-	lb/d				01/30	-	Monthly	GR - GRAB

Submission Note:
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors:
 No errors.
Comments:

Attachments:
 No attachments.
Report Last Saved By:
 SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusty Nelz
E-Mail: metc@sscoogen.com
Date/Time: 2016-06-06 13:45 (Time Zone: -06:00)

July 8, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: July 2016, UPDES Compliance Report
June 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during June 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the June 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: UT0024739
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002
 External Outfall

Discharge: 002-A
 WATER SUPPLY DIS TO GRASSY CRK

Monitoring Period: From 06/01/16 to 06/30/16
 Considerations for Form Completion

DMR Due Date: 07/28/16

Status: NetDMR Validated

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantifier 1	Value 1	Quantity or Loading	Value 2	Units	Quantifier 1	Value 1	Quality or Concentration	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX 03 - MGD	C - No Discharge	MGD	5	MO AVG	9 MAXIMUM	19 - mg/L	MGD	01/30 - Monthly	MS - MEASRD	
00090	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	C - No Discharge	C - No Discharge	C - No Discharge	MGD	>=	6.5 MINIMUM	9 MAXIMUM	12 - SU	MGD	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	C - No Discharge	C - No Discharge	C - No Discharge	MGD	>=	6.5 MINIMUM	9 MAXIMUM	12 - SU	MGD	01/30 - Monthly	GR - GRAB	
01045	ion, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	C - No Discharge	C - No Discharge	C - No Discharge	MGD	<=	1 DAILY MX	10 DAILY MX	19 - mg/L	MGD	01/30 - Monthly	GR - GRAB	
03592	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI	<=	C - No Discharge	C - No Discharge	C - No Discharge	MGD	<=	1 DAILY MX	10 DAILY MX	19 - mg/L	MGD	01/30 - Monthly	GR - GRAB	
45814	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	C - No Discharge	Req Mon DAILY MX 03 - N=0Y=1	C - No Discharge	MGD	<=	1 DAILY MX	10 DAILY MX	19 - mg/L	MGD	01/30 - Monthly	VI - VISUAL	
70295	Sludge, total suspended	P - See Comments	0	-	Sample Permit Req. Value NODI	<=	C - No Discharge	C - No Discharge	C - No Discharge	MGD	<=	1 DAILY MX	10 DAILY MX	19 - mg/L	MGD	01/30 - Monthly	GR - GRAB	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis and Sample Type.
Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: meiz@scogen.com

Date/Time: 2016-07-08 14:19 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024755
Permittee: SUNNYSIDE COGENERATION ASSOC.
Major: No
Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520
Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 003
 External Oil/Hall
Discharge: 003-A
 WATER SUPPLY PIPELINE/GRASSY T
Report Dates & Status: From 06/01/16 to 06/30/16
DMR Due Date: 07/28/16
Status: NetDMR Validated
Considerations for Form Completion

Principal Executive Officer:
First Name: Gerald
Last Name: Hascall
Title: Plant Manager
Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity of Loading		Quantity of Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2			
0065	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <=	1 30DA AVG	C - No Discharge	5 NO AV MIN	19 - mg/L	01/30 - Monthly	MS - MEASRD
0090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. <=	5 NO AV MIN	C - No Discharge	3 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAE
0140	pH	1 - Effluent Gross	0	-	Sample Permit Req. <=	6.5 MINIMUM	C - No Discharge	1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAE
0145	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. <=	10 DAILY MX	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAE
0392	Oil and grease	O - See Comments	0	-	Sample Permit Req. <=	1850 DAILY MX	C - No Discharge	1850 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAE
4561	Sewable waste discharged-amount	1 - Effluent Gross	0	-	Sample Permit Req. <=	1850 DAILY MX	C - No Discharge	1850 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAE
7025	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. <=	1850 DAILY MX	C - No Discharge	1850 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAE

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
User: Sunnys del
Name: Rusiy Nelz
E-Mail: metz@sscogen.com

Date/Time: 2016-07-08 14:20 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: UTR024759
Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10
P.O. BOX 10
SUNNYSIDE, UT 84520

Permitted Feature: 007
External Outfall

Discharge: 007-A
RAIL CUT POND, ICELANDER CREEK

Report Dates & Status
Monitoring Period: From 06/01/16 to 06/30/16

DMR Due Date: 07/28/16

Status: NEIDMR Validated

Considerations for Form Completion

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTABLE SOLIDS WHEN APPROPRIATE

Principal Executive Officer

First Name: Gerald
Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location Station # Param. NOD	Quantity or Loading		Quantity of Concentration		# of Ex.	Frequency of Analysis	Sample Type	
			Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3
00056	Flow rate	1 - Effluent Gross	0							
		Sample Permit Req. Value NOD	1 300A AVG		Req Mon DAILY MX 09 - MGD				01/20 - Monthly	MS - MEASRD
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
00200	Oxygen, dissolved [DO]	1 - Effluent Gross	0							
		Sample Permit Req. Value NOD	5 MO AV MN		C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
00400	pH	1 - Effluent Gross	0							
		Sample Permit Req. Value NOD	6.5 MINIMUM		C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
00500	Solids, tot suspended	1 - Effluent Gross	0							
		Sample Permit Req. Value NOD	25 300A AVG		C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
00545	Solids, settleable	O - See Comments	0							
		Sample Permit Req. Value NOD	5 DAILY MX	25 mL/L	C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
01045	Iron, total [as Fe]	1 - Effluent Gross	0							
		Sample Permit Req. Value NOD	1 DAILY MX	19 mg/L	C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
03582	Oil and grease	O - See Comments	0							
		Sample Permit Req. Value NOD	10 DAILY MX	19 mg/L	C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
45614	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0							
		Sample Permit Req. Value NOD	Req Mon DAILY MX 9P - NODY=1		C - No Discharge				01/20 - Monthly	VI - VISUAL
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
70295	Solids, tot dissolved	P - See Comments	0							
		Sample Permit Req. Value NOD	1650 DAILY MX	19 mg/L	C - No Discharge				01/20 - Monthly	GR - GRAB
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					
84056	Oil and grease Visual	O - See Comments	0							
		Sample Permit Req. Value NOD	Req Mon DAILY MX 9P - NODY=1		C - No Discharge				01/20 - Monthly	VI - VISUAL
		Sample Permit Req. Value NOD	C - No Discharge		C - No Discharge					

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No comments.

Attachments

No attachments.

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
User: SunnySide1
Name: Rusy Natz
E-Mail: metz@sscogan.com

Date/Time: 2016-07-08 14:21 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 009 External Outfall

Discharge: 009-A PASTURE POND, ICELANDER CREEK

Report Dates & Status: From 06/01/16 to 06/30/16

DMR Due Date: 07/28/16

Status: NetDMR Validated

Monitoring Period: From 06/01/16 to 06/30/16

Principal Executive Officer: Gerald Hascall

Title: Plant Manager

Telephone: 435-898-4476

First Name: Gerald

Last Name: Hascall

No Data Indicator (NOD): **

Code	Parameter Name	Monitoring Location	Season #	Param. NOD1	Qualifier 1		Quantity or Loading		Qualifier 1		Quality or Concentration		Qualifier 3		Units	# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2						
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD1	1 30DA AVG	Req Mon DAILY MX 03 - MGD	C - No Discharge	>=	5 MO AV MN	36 MX 7D AV	70 DAILY MX	19 - mg/L	01/20 - Monthly	MS - MEASRD		GR - GRAB	
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD1	6.5 MINIMUM	C - No Discharge	<=	25 30DA AVG	36 MX 7D AV	70 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD1	9 MAXIMUM	C - No Discharge	<=	25 30DA AVG	36 MX 7D AV	70 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD1	25 30DA AVG	C - No Discharge	<=	36 MX 7D AV	70 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		GR - GRAB	
00545	Solids, settleable	Q - See Comments	0	-	Sample Permit Req. <= Value NOD1	5 DAILY MX	C - No Discharge	<=	25 30DA AVG	36 MX 7D AV	70 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD1	1 DAILY MX	C - No Discharge	<=	10 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		GR - GRAB		
00392	Oil and grease	C - See Comments	0	-	Sample Permit Req. <= Value NOD1	10 DAILY MX	C - No Discharge	<=	10 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		GR - GRAB		
45914	Sewage sludge discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD1	Req Mon DAILY MX 9P - N=0Y=1	C - No Discharge	<=	1850 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		GR - GRAB		
70295	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. <= Value NOD1	0 DAILY MX	9P - N=0Y=1	C - No Discharge	<=	1850 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		GR - GRAB	
84096	Oil and grease Visual	O - See Comments	0	-	Sample Permit Req. <= Value NOD1	0 DAILY MX	C - No Discharge	<=	1850 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB		GR - GRAB		GR - GRAB		

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: neiz@sscogen.com

Date/Time:

2016-07-08 14:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT002475E
Major: No

Permittee:
Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
P. O BOX 10
EAST CARBON, UT 84520

Facility:
Facility Location:

SUNNYSIDE COGENERATION ASSOC.
P. O BOX 10
P.O. BOX 10
SUNNYSIDE, UT 84520

Permitted Feature:

012 Ekemal Outfall

Discharge:

012-A
COARSE REF TOE POND, ICELANDER

Report Dates & Status

Monitoring Period: From 06/01/16 to 06/30/16

DMR Due Date: 07/28/16

Status: NetDMR Validated

Considerations for Form Completion

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer:

First Name: Gerald
Last Name: Hescall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Qualifier 2		Qualifier 3		Units	# of Ex	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2				
00056	Flow rate	1 - Effluent Gross	0		Sample Permit Req. <=	30DA AVG	Req Mon DAILY MX 03 - MGD					0130 - Monthly	ME - WEASRD	
					Sample Value NODI	C - No Discharge	C - No Discharge							
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. >=	5 MC AVMN	C - No Discharge					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
00400	pH	1 - Effluent Gross	0		Sample Permit Req. >=	6.5 MINIMUM	C - No Discharge					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
00500	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. <=	25 SODA AVG	35 MX 7D AV					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
00540	Solids, settleable	0 - See Comments	0		Sample Permit Req. <=	5 DAILY MX	25 - mL/L					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
01040	Iron total [as Fe]	1 - Effluent Gross	0		Sample Permit Req. <=	1 DAILY MX	19 - mg/L					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
00860	Oil and grease	0 - See Comments	0		Sample Permit Req. <=	10 DAILY MX	19 - mg/L					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
45614	Sanitary waste discharged-assessm	1 - Effluent Gross	0		Sample Permit Req. <=	Req Mon DAILY MX 9P - N=0,Y=1	C - No Discharge					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
70280	Solids, total dissolved	0 - See Comments	0		Sample Permit Req. <=	1650 DAILY MX	19 - mg/L					0130 - Monthly	GR - GRAB	
					Sample Value NODI	C - No Discharge	C - No Discharge							
84060	Oil and grease visual	0 - See Comments	0		Sample Permit Req. <=	0 DAILY MX	9P - N=0,Y=1					0130 - Monthly	VI - VISUAL	
					Sample Value NODI	C - No Discharge	C - No Discharge							

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By
SUNNYSIDE COGENERATION ASSOC.

User: SunnySide1
Name: Rusty Netz
E-Mail: metz@sscogen.com

Date/Time:

2016-07-08 14:23 (Time Zone: -06:00)

DMR Copy of Record

Permit #:
Major:

Permittee Address:

Facility Location:

Facility:

Status:

Permitted Feature:

Discharge:

DMR Due Date:

Monitoring Period:

DMR Due Date:

Status:

Telephone:

435-888-4476

Principal Executive Officer

First Name:

Last Name:

Plant Manager

Title:

Facility:

435-888-4476

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Session	Param. NOD	Quantity of Loading		Quality of Concentration		# of Ex.	Frequency of Analysis	Sample Type	
					Value 1	Value 2	Value 1	Value 2				
00056	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	5 DAILY MN C - No Discharge	33 MX 7D AV C - No Discharge	100 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	6.5 MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	100 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	25 30DA AVG C - No Discharge	13 30DA AVG C - No Discharge	20 DAILY MX C - No Discharge	19 - mg/L	20 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	1650 DAILY MX C - No Discharge	19 - mg/L	1650 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL
03900	Oil and grease	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	1650 DAILY MX C - No Discharge	19 - mg/L	1650 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL
45914	Sanitary wash discharge assessment	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	1650 DAILY MX C - No Discharge	19 - mg/L	1650 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL
70056	Solids, total dissolved	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	1650 DAILY MX C - No Discharge	19 - mg/L	1650 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL
84056	Oil and grease, total	1 - Effluent Gross	0	-	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	1650 DAILY MX C - No Discharge	19 - mg/L	1650 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User:

Sumyside1

Date/Time:

2016-07-08 14:24 (Time Zone: -05:00)

Name:

Rusty Netz

E-Mail:

metz@sscogen.com

DMR Copy of Record

Permit

Permit #: UT0024729
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 014
 External Cutoff

Discharge: 014-A
 ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 06/01/16 to 06/30/16

DMR Due Date: 07/28/16
 Status: NEIDMR Validated

Considerations for Form Completion

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager
 Telephone: 435-888-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location Season & Param. NODI		Quantity of Loading		Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type
		Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2		
00056	Flow rate	1 - Effluent Gross	0	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - WGD C - No Discharge	>=	5 DAILY MN C - No Discharge	19 - mg/L	01/30 + Monthly	I,S - MEASRD GR - GRAB
00900	Oxygen, dissolved (DO)	1 - Effluent Gross	0	<=	25 30DA AVG C - No Discharge	<=	35 MX 7D AV C - No Discharge	19 - mg/L	01/30 + Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	>=	8.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	01/30 + Monthly	GR - GRAB
00530	Sludge, total suspended	1 - Effluent Gross	0	<=	50 DAILY MX C - No Discharge	<=	50 DAILY MX C - No Discharge	19 - mg/L	01/30 + Monthly	GR - GRAB
03982	Oil and grease	1 - Effluent Gross	0	<=	15 30DA AVG C - No Discharge	<=	20 DAILY MX C - No Discharge	19 - mg/L	01/30 + Monthly	GR - GRAB
45914	Sanitary waste discharge/assessment	1 - Effluent Gross	0		Req Mon DAILY MX 9P - N=Q,Y=1 C - No Discharge				01/30 + Monthly	W - VISUAL
70295	Sludge, total dissolved	1 - Effluent Gross	0		1650 DAILY MX C - No Discharge			19 - mg/L	01/30 + Monthly	GR - GRAB
84056	Oil and grease, visual	1 - Effluent Gross	0		Req Mon DAILY MX 9P - N=Q,Y=1 C - No Discharge				01/30 + Monthly	V - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No errors.

Attachments

No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Metz

E-Mail: metz@scogen.com

Date/Time: 2016-07-08 14:24 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: UT024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 016
 External Outfall

Discharge:

016-A
 BORROW AREA POND/CLELANDER CK

Report Dates & Status: From 06/01/16 to 06/30/16

DMR Due Date:

07/28/16

Status:

NetDMR Validated

Monitoring Period: From 06/01/16 to 06/30/16

Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerold

Title:

Plant Manager

Telephone:

435-888-4476

First Name: Gerold

Last Name: Hassell

No Data Indicator (NODI):

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Quantity or Loading		Qualifier 1		Quality or Concentration		Qualifier 3	Units	# of Ex. Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2						
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG	Req Mon DAILY MX 03 - MGD	>=	5 MO AV MN	<=	36 MX TD AV	70 DAILY MX	19 - mg/L	01/30 - Monthly	MS - MESSRD	
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	6.5 MINIMUM	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	25 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
00545	Solids, settable	Q - See Comments	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
01045	Iron, total as Fe1	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
02822	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
45514	Sewery waste discharged-assessmt	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
70295	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		
84089	Oil and grease Visual	O - See Comments	0	-	Sample Permit Req. Value NODI	C - No Discharge	>=	35 30DA AVG	C - No Discharge	<=	35 DAILY MX	25 - m/L	01/30 - Monthly	GR - GRAB		

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edits Check Errors

No errors.

Comments

No attachments

Attachments

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: meiz@sscogen.com

Date/Time: 2016-07-08 14:25 (Time Zone: -06:00)

DMR Copy of Record

Permit #: **UT0024729**
 Major: **No**

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: **017 External Cuffall**

Discharge:

017-A
 PHASE II LANDFILL SED PONDICE

Report Dates & Status
 Monitoring Period: **From 06/01/16 to 06/30/16**

DMR Due Date:

07/28/16

Status:

NetDMR Validated

Considerations for Form Completion

Principal/Executive Officer
 First Name: **Gerald**
 Last Name: **Hascall**
 No Data Indicator (NODI)

Title:

Plant Manager

Telephone:

435-888-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity of Loading		Quality of Concentration			# of Ex. Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1			Value 1
00056	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	<=	5 DAILY MN C - No Discharge	19 -mg/L	01/20 - Monthly	MS - MEASRD
00900	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	>=	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	100 DAILY MX C - No Discharge	19 -mg/L	01/20 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	>=	6.5 MINIMUM C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	01/20 - Monthly	GR - GRAB	
00500	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	<=	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	100 DAILY MX C - No Discharge	19 -mg/L	01/20 - Monthly	GR - GRAB
01034	Chromium, total (as Cr)	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	<=	0.3 30DA AVG C - No Discharge	0.3 DAILY MX C - No Discharge	19 -mg/L	01/20 - Monthly	GR - GRAB	
01092	Zinc, total (as Zn)	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	<=	3 30DA AVG C - No Discharge	3 DAILY MX C - No Discharge	19 -mg/L	01/20 - Monthly	GR - GRAB	
03982	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	<=	15 30DA AVG C - No Discharge	20 DAILY MX C - No Discharge	19 -mg/L	01/20 - Monthly	GR - GRAB	
45514	Sewery waste discharged-assessmnt	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MX 9P - N=0/Y=1					01/20 - Monthly	V - VISUAL
70255	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MX 9P - N=0/Y=1					01/20 - Monthly	V - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: **SunnySide1**

Name: **Rusty Metz**

E-Mail: **metz@stccogsa.com**

Date/Time: **2016-07-08 14:26 (Time Zone: -05:00)**

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 018 External Outfall
 Discharge: 018-A Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status: Monitoring Period: From 06/01/16 to 06/30/16
 Considerations for Form Completion

DMR Due Date: 07/28/16
 Status: NetDMR Validated

Principal Executive Officer: Gerald Hascall
 Last Name: Hascall
 No Data Indicator (NODI):

Title: Plant Manager

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00056	Flow rate	1 - Effluent Gross	0		Sample Permit Req. <=	1 380A AVG	Req Mon DAILY MX 03 - MGD	5 DAILY MN	19	Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. >=	C - No Discharge	C - No Discharge	C - No Discharge	19	Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0		Sample Permit Req. >=	6.5 DAILY MN	C - No Discharge	9 DAILY MX	12	Monthly	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. <=	25 30DA AVG	C - No Discharge	357 DA AVG	100	Monthly	GR - GRAB
01004	Chromium, total [as Cr]	1 - Effluent Gross	0		Sample Permit Req. <=	0.3 7 DA AVG	C - No Discharge	0.3 DAILY MX	19	Monthly	GR - GRAB
01004	Zinc, total [recoverable]	1 - Effluent Gross	0		Sample Permit Req. <=	3 30DA AVG	C - No Discharge	3 DAILY MX	19	Monthly	GR - GRAB
03502	Oil and grease	1 - Effluent Gross	0		Sample Permit Req. <=	15 30DA AVG	C - No Discharge	20 DAILY MX	19	Monthly	GR - GRAB
45614	Sanitary waste discharged-assessment	1 - Effluent Gross	0		Sample Permit Req. <=	Req Mon DAILY MX 9P - N=QY=1	C - No Discharge	Req Mon DAILY MX 9P - N=QY=1			VI - VISUAL
70295	Solids, total dissolved	1 - Effluent Gross	0		Sample Permit Req. <=	1650 DAILY MX	C - No Discharge	1650 DAILY MX	19	Monthly	GR - GRAB
84066	Oil and grease, visual	1 - Effluent Gross	0		Sample Permit Req. <=	Req Mon DAILY MX 9P - N=QY=1	C - No Discharge	Req Mon DAILY MX 9P - N=QY=1			VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusty Neiz
E-Mail: meiz@sscogen.com

Date/Time:

2016-07-08 14:27 (Time Zone: -06:00)

DMR Copy of Record

Permit:

Permit #: UT0024759
Major: No

Permittee:
Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
P. O. BOX 10
EAST CARBON, UT 84520

Facility:
Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
P. O. BOX 10
P. O. BOX 10
SUNNYSIDE, UT 84520

Permitted Feature: SLM
External Outfall

Discharge:

SUM-A
THE SUM OF ALL CUTFALLS

Report Dates & Status

Monitoring Period: From 06/01/16 to 06/30/16

DMR Due Date:

07/28/16

Status:

NEIDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Gerald

Title:

Plant Manager

Telephone:

435-888-4476

Last Name: Hascall

No Data Indicator (NOD)

Form NOD:

Parameter Name Monitoring Location Season # Param. NOD

Code	Name	Monitoring Location	Season #	Param. NOD	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3		
77025	Soda, Total Dissolved	1 - Effluent Cross	0	-	<=	2000 DALY MAX	26	-	RD	07/30 - Monthly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample no, Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

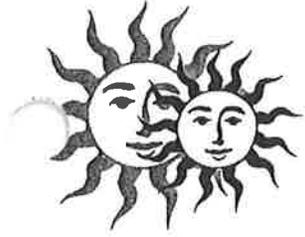
User: Sunnysidel

Name: Rusty Netz

E-Mail: netz@sscogen.com

Date/Time:

2016-07-09 14:27 (Time Zone: -06:00)



Sunnyside Cogeneration Associates

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

August 8, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: August 2016, UPDES Compliance Report
July 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during July 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the July 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit

Permit #: UT0024755
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002 External Outfall

Discharge:

002A WATER SUPPLY DIS TO GRASSY CRK

Report Dates & Status: Monitoring Period: From 07/07/16 to 07/31/16

DMR Due Date:

03/28/16

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Gerald
 Last Name: Hassall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NOD)

Form NOD: ..

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Quantity of Loading		Quality of Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD	1 300A AVG C - No Discharge	Req Mon DAILY MX 03 - MGD	5 MO AV MIN C - No Discharge	>=	19 -mg/L	01/30 - Monthly	MS - MEASRD
00390	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD			8 MAXIMUM C - No Discharge	<=	12 -SU	01/30 - Monthly	GR - GRAE
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD			55 MINIMUM C - No Discharge	<=	19 -mg/L	01/30 - Monthly	GR - GRAE
01045	Total (as Fa)	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD			1 DAILY MX C - No Discharge	<=	19 -mg/L	01/30 - Monthly	GR - GRAE
03582	Oil and grease	O - See Comments	0	-	Sample Permit Req. <= Value NOD			10 DAILY MX C - No Discharge	<=	19 -mg/L	01/30 - Monthly	GR - GRAE
45614	Sewage waste discharge assessment	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD			Req Mon DAILY MX 9P - N-QV=1 C - No Discharge	<=	1650 DAILY MX 19 -mg/L	01/30 - Monthly	GR - GRAE
70235	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. <= Value NOD				<=	1650 DAILY MX 19 -mg/L	01/30 - Monthly	GR - GRAE

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunmysidst1

Name: Rusty Netz

E-Mail: metz@scogen.com

Date/Time:

2016-08-08 11:40 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024739
 Permit #: No
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 003
 External Outfall

Discharge:

003-A
 WATER SUPPLY PIPELINEGRASSY T

Report Dates & Status
 Monitoring Period: From 07/01/16 to 07/31/16
 Considerations for Form Completion

DMR Due Date:

08/28/16

Status:

NetDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Leading		Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			Value 3
00056	Flow rate	1 - Effluent Gross	0	-	Sample	1 30DA AVG	Req Mon DAILY MX 03 - MGD	5 MO AV MIN	9 MAXIMUM	19 -mg/L	01/30 - Monthly	MS - WENSRD
		Permit Req. Value NODI			C - No Discharge		C - No Discharge	C - No Discharge	C - No Discharge			
00000	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample			6.5 MINIMUM	12 - SJ	19 -mg/L	01/30 - Monthly	GR - GRAB
		Permit Req. Value NODI			>=			C - No Discharge	C - No Discharge			
00400	pH	1 - Effluent Gross	0	-	Sample			1 DAILY MX	19 -mg/L	19 -mg/L	01/30 - Monthly	GR - GRAB
		Permit Req. Value NODI			>=			C - No Discharge	C - No Discharge			
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample			1 DAILY MX	19 -mg/L	19 -mg/L	01/30 - Monthly	GR - GRAB
		Permit Req. Value NODI			<=			C - No Discharge	C - No Discharge			
03922	Oil and grease	0 - See Comments	0	-	Sample			10 DAILY MX	19 -mg/L	19 -mg/L	01/30 - Monthly	GR - GRAB
		Permit Req. Value NODI			<=			C - No Discharge	C - No Discharge			
4551	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	-	Sample			Req Mon DAILY MX 9P - N=0,Y=1	1860 DAILY MX	19 -mg/L	01/30 - Monthly	VI - VISUAL
		Permit Req. Value NODI			<=			C - No Discharge	C - No Discharge			
70025	Solids, total dissolved	P - See Comments	0	-	Sample			1860 DAILY MX	19 -mg/L	19 -mg/L	01/30 - Monthly	GR - GRAB
		Permit Req. Value NODI			<=			C - No Discharge	C - No Discharge			

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time:

2016-08-08 11:41 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 007 External Outfall

Discharge:

007-A
 RAIL CUT POND, ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 07/16/16 to 07/31/16

DMR Due Date:

08/26/16

Status:

NetDMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)

Title:

Plant Manager

Telephone:

435-898-4476

Code	Parameter Name	Monitoring Location	Season	Param NODI	Quantity of Loading		Quality of Concentration			# of Ex. Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1			Value 1
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	5 MD AV MIN C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	07/30 - Monthly	MS - MEASRD
00500	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	70 DAILY MX C - No Discharge	5 DAILY MX C - No Discharge	25 - mL/L	07/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6.5 MINIMUM C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	07/30 - Monthly	GR - GRAB		
00630	Sludge, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	70 DAILY MX C - No Discharge	5 DAILY MX C - No Discharge	25 - mL/L	07/30 - Monthly	GR - GRAB
00645	Sludge, settleable	Q - See Comments	0	-	Sample Permit Req. Value NODI	10 DAILY MX C - No Discharge	19 - mg/L	07/30 - Monthly	GR - GRAB			
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 DAILY MX C - No Discharge	19 - mg/L	07/30 - Monthly	GR - GRAB			
03692	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI	10 DAILY MX C - No Discharge	19 - mg/L	07/30 - Monthly	GR - GRAB			
45614	Slurry waste discharged-assessmnt	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 03 - N=0/Y=1 C - No Discharge					07/30 - Monthly	VI - VISUAL
70205	Guids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI	1690 DAILY MX C - No Discharge	19 - mg/L	07/30 - Monthly	GR - GRAB			
84005	Oil and grease Visual	O - See Comments	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 03 - N=0/Y=1 C - No Discharge					07/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent "reading", then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: SunnySide1
 Name: Rusly Velz
 E-Mail: melz@sscogen.com

Date/Time: 2016-08-08 11:42 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759 **Permittee:** SUNNYSIDE COGENERATION ASSOC.
Major: No **Permittee Address:** P. O BOX 10
 EAST CARBON, UT 84520 **Facility:** SUNNYSIDE COGENERATION ASSOC.
Discharge: 008-A **Facility Location:** P. O. BOX 10
 OLD COARSE REF PND ICELANDER EAST CARBON, UT 84520

Permitted Feature: 008 External Outfall **Discharge:** 008-A
Report Dates & Status: From 07/01/16 to 07/31/16 **DMR Due Date:** 08/28/16 **Status:** NetDMR Validated
Monitoring Period: From 07/01/16 to 07/31/16

Considerations for Form Completion: IF ANY O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THISSHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.
Principal Executive Officer: Gerald **Title:** Plant Manager **Telephone:** 435-888-4476
First Name: Gerald
Last Name: Hascall

Form NODI: No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location		Season & Param. NODI		Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type			
		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00066	Flow rate	1 - Effluent Gross	0	1 30DA AVG	Req Mon DAILY MX 03 - MGD											0190 - Monthly	MS - MEASRD
00090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	C - No Discharge	C - No Discharge	>=	5 MO A/V MIN									0190 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0			>=	6.5 MINIMUM									0190 - Monthly	GR - GRAB
00330	Solids, total suspended	1 - Effluent Gross	0			<=	25 30DA AVG									0190 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0			<=	5 DAILY MX									0190 - Monthly	GR - GRAB
01045	Iron, total [Fe P]	1 - Effluent Gross	0			<=	1 DAILY MX									0190 - Monthly	GR - GRAB
03592	Oil and grease	O - See Comments	0			<=	10 DAILY MX									0190 - Monthly	GR - GRAB
45614	Sandfly waste discharge assessment	1 - Effluent Gross	0		Req Mon DAILY MX 9P - NQY=1											0190 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0			<=	1590 DAILY MX									0190 - Monthly	GR - GRAB
84096	Oil and grease visual	O - See Comments	1		0 DAILY MX	9P - NQY=1										0190 - Monthly	VI - VISUAL

Submission Note: If a parameter row does not contain any values for the Sample not Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors: No errors.
Comments:

Attachments: No attachments.
Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusy Neiz
E-Mail: metz@sscogen.com

Date/Time: 2016-08-08 11:43 (Time Zone: -06:00)

DMR Copy of Record

Permit #: **UT0024739** Permittee: **SUNNYSIDE COGENERATION ASSOC.** Facility: **SUNNYSIDE COGENERATION ASSOC.**
 Major: **No** Permittee Address: **P. O BOX 10 EAST CARBON, UT 84520** Facility Location: **P. O. BOX 10 P. O. BOX 10 SUNNYSIDE, UT 84520**

Permitted Feature: **009 External Outfall** Discharge: **009-A PASTURE POND, ICELANDER CREEK** Status: **Not DMR Validated**

Report Dates & Status: **From 07/21/16 to 07/31/16** DMR Due Date: **08/28/16**

Monitoring Period: **From 07/21/16 to 07/31/16** Status: **Not DMR Validated**

Considerations for Form Completion: **IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 13 MG/L SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.**

Principal Executive Officer: **Gerard Hassall** Title: **Plant Manager** Telephone: **435-888-4476**

Last Name: **Hassall** First Name: **Gerard**

No Data Indicator (NODI): **No Data Indicator (NODI)**

Code	Parameter Name	Monitoring Location	Season	Param	NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1
00056	Flow rate	1 - Effluent Gross	0			Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MAX 03 - MGD C - No Discharge	5 MO AVXN C - No Discharge	5 MO AVXN C - No Discharge	19 - mg/L	01/20 - Monthly	MS - MCASTD GR - GRAB
00200	Oxygen, dissolved [DO]	1 - Effluent Gross	0			Sample Permit Req. Value NODI		6.5 MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 MAX 70 AV C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0			Sample Permit Req. Value NODI				9 MAXIMUM C - No Discharge	12 - SU	01/20 - Monthly	GR - GRAB
00300	Solids, total suspended	1 - Effluent Gross	0			Sample Permit Req. Value NODI				70 DAILY MAX C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRAB
00240	Solids, settleable	0 - See Comments	0			Sample Permit Req. Value NODI				5 DAILY MAX C - No Discharge	25 - mL/L	01/20 - Monthly	GR - GRAB
01440	Iron, total [as Fe]	1 - Effluent Gross	0			Sample Permit Req. Value NODI				1 DAILY MAX C - No Discharge	19 - mg/L	01/20 - Monthly	CR - GRAB
00820	Oil and grease	0 - See Comments	0			Sample Permit Req. Value NODI				10 DAILY MAX C - No Discharge	19 - mg/L	01/20 - Monthly	GR - GRAB
44514	Sanitary waste discharge assessment	1 - Effluent Gross	0			Sample Permit Req. Value NODI				Req Mon DAILY MAX SP - N=0, Y=1 C - No Discharge		01/20 - Monthly	V1 - VISUAL
70295	Solids, total dissolved	P - See Comments	0			Sample Permit Req. Value NODI				1650 DAILY MAX C - No Discharge	19 - mg/L	01/20 - Monthly	CR - GRAB
84058	Oil and grease Visual	0 - See Comments	0			Sample Permit Req. Value NODI				0 DAILY MAX C - No Discharge	SP - N=0, Y=1	01/20 - Monthly	V1 - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 No comments.

Attachments
 No attachments.
 Report Last Saved By: **SUNNYSIDE COGENERATION ASSOC.**

User: **SunnySide1** Date/Time: **2016-09-08 11:44 (Time Zone: -06:00)**
 Name: **Rusty Natz**
 E-Mail: **martz@scogen.com**

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012 External Outfall

Discharge:

012-A
 COARSE REF TOE POND, ICELANDER

Report Dates & Status: From 07/01/16 to 07/31/16

DMR Due Date:

08/28/16

Status:

NeDMR Validated

Monitoring Period: From 07/01/16 to 07/31/16

DMR Due Date:

Status:

NeDMR Validated

Principal Executive Officer: Gerald

First Name: Gerald

Last Name: Hassall

No Data Indicator (NODI):

Title: Plant Manager

Telephone:

435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1		Qualifier 2		Qualifier 3		Units	# of EA	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2				
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1300A AVG C - No Discharge	Req Mon DAILY MX CG - MGD C - No Discharge	5 MG AV MIN C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	MS - MEASRD
00990	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
00990	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
00545	Solids, settleable	Q - See Comments	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
00992	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
45914	Sanitary waste discharged	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
70295	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	GR - GRAB	
84086	Oil and grease, visual	O - See Comments	0	-	Sample Permit Req. Value NODI	5 MG AV MIN C - No Discharge	6.5 MINIMUM C - No Discharge	2530DA AVG C - No Discharge	35 MX TD AV C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Nelz

E-Mail: melz@sscogen.com

Date/Time:

2016-08-08 11:45 (Time Zone: -05:00)

DMR Copy of Record

Permit #: UT0024359
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 013
 External Outfall

Discharge:

013-A
 FACILITY SED POND, ICELANDER C

Report Data & Status
 Monitoring Period: From 07/01/16 to 07/31/16
 Considerations for Form Completion

DMR Due Date:

08/28/16

Status:

NetDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

Form NODI:

Code	Parameter Name	Monitoring Location Season & Param. NODI		Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type		
		Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 1	Value 2				Qualifier 2	Value 3
00056	Flow rate	1 - Effluent Gross	0	1 30DA AVG	Req Mon DAILY MX 03 - MAGD							01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	C - No Discharge	C - No Discharge	>=	5 DAILY MIN					01/30 - Monthly	SR - GRAB
00400	HI	1 - Effluent Gross	0			>=	8.5 MINIMUM					01/30 - Monthly	SR - GRAB
00390	Solids, total suspended	1 - Effluent Gross	0			<=	25 30DA AVG	<=	35 MAX/7D AV	<=	100 DAILY MX	01/30 - Monthly	SR - GRAB
03592	Oil and grease	1 - Effluent Gross	0			<=	15 30DA AVG	<=	20 DAILY MX	<=	19 - mg/L	01/30 - Monthly	SR - GRAB
49514	Sanitary waste discharge/assessment	1 - Effluent Gross	0									01/30 - Monthly	J1 - VISUAL
70255	Sludge, total dissolved	1 - Effluent Gross	0									01/30 - Monthly	SR - GRAB
84085	Oil and grease visual	1 - Effluent Gross	0									01/30 - Monthly	J1 - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@ascogen.com

Date/Time:

2016-08-08 11:46 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permit Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 014
 External Outfall

Discharge:

014A
 ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 07/01/16 to 07/31/16
 Considerations for Form Completion

DMR Due Date:

08/28/16

Status:

NetDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NOD)

Title:

Plant Manager

Telephone:

435-888-4475

Code	Parameter Name	Monitoring Location Station #	Param. NODI	Qualifier 1		Quantity or Loading		Qualifier 1		Quality or Concentration		Qualifier 3		Units	# of Ex.	Frequency of Analysis	Sample Type
				Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2						
00056	Flow rate			1 - Effluent Gross	0	Req Mon DAILY MX 03 - MGD		1	30DA AVG						01/30 - Monthly	MS - MEASRD	
00300	Oxygen, dissolved [DO]			1 - Effluent Gross	0	C - No Discharge									01/30 - Monthly	GR - GRA9	
00400	pH			1 - Effluent Gross	0										01/30 - Monthly	GR - GRA9	
00530	Solids, total suspended			1 - Effluent Gross	0										01/30 - Monthly	GR - GRA9	
03582	Oil and grease			1 - Effluent Gross	0										01/30 - Monthly	GR - GRA9	
4561	Sanitary waste discharged-assessmt			1 - Effluent Gross	0	Req Mon DAILY MX 9P - N=QY=1									01/30 - Monthly	VI - VISUAL	
70395	Solids, total dissolved			1 - Effluent Gross	0										01/30 - Monthly	GR - GRA9	
84068	Oil and grease visual			1 - Effluent Gross	0	Req Mon DAILY MX 9P - N=QY=1									01/30 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: SunnySide1
 Name: Rusty Netz
 E-Mail: netz@scogen.com

Date/Time:

2016-08-08 11:47 (Time Zone: -06:00)

DMR Copy of Record

Permit:

Permit #: UT0024739

Major: No

Permitter: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 016 External Outfall

Discharge: 016-A BORROW AREA POND/CELANDER CK

Report Dates & Status: From 07/20/16 to 07/31/16

DMR Due Date: 08/28/16

Status: NEDMR Validated

Monitoring Period: Considerations for Form Completion

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE VIA FOR SETTLEABLE SOLIDS WHEN APPROPRIATE

Principal Executive Officer: Gerald Hascall

First Name: Gerald

Last Name: Hascall

No Data Indicator (NODI):

Plant Manager: Gerald Hascall

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1
00565	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG	Req Mon DAILY MX 03 - MGD	5.00 AV MIN	70 DAILY MX	19 - mg/L	01/20 - Monthly	J/S - MEASRD	
00590	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	C - No Discharge	C - No Discharge	6.5 MINIMUM	35 MX 7D AV	19 - mg/L	01/20 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	C - No Discharge	C - No Discharge	9 MAXIMUM	1 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB	
00590	Solids, total suspended	1 - Effluent Gross	0	-	C - No Discharge	C - No Discharge	25 30DA AVG	70 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB	
00545	Solids, settleable	0 - See Comments	0	-	C - No Discharge	C - No Discharge	5 DAILY MX	25 - mL/L	19 - mg/L	01/20 - Monthly	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	C - No Discharge	C - No Discharge	1 DAILY MX	19 - mg/L	19 - mg/L	01/20 - Monthly	GR - GRAB	
00590	Oil and grease	0 - See Comments	0	-	C - No Discharge	C - No Discharge	10 DAILY MX	19 - mg/L	19 - mg/L	01/20 - Monthly	GR - GRAB	
4514	Sanitary waste discharge assessment	1 - Effluent Gross	0	-	Req Mon DAILY MX	gp - N=0, Y=1	Req Mon DAILY MX	gp - N=0, Y=1	10 DAILY MX	19 - mg/L	01/20 - Monthly	V1 - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-	C - No Discharge	C - No Discharge	180 DAILY MX	19 - mg/L	19 - mg/L	01/20 - Monthly	GR - GRAB	
84096	Oil and grease Visual	0 - See Comments	0	-	0 DAILY MX	gp - N=0, Y=1	C - No Discharge	C - No Discharge	180 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunny,ste1

Name: Rusty Naiz

E-Mail: metz@sscogen.com

Date/Time:

2016-08-08 11:47 (Time Zone: -06:00)

DMR Copy of Record

Permit #: **UT0024759**
 Major: **No**

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P O BOX 10
 P O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: **017
 External Outfall**

Discharge:

**017-A
 PHASE II LANDFILL SED POND/ICE**

Report Dates & Status: **From 07/01/16 to 07/31/16**

DMR Due Date:

08/28/16

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer
 First Name: **Gerald**
 Last Name: **Hascall**

Title:

Plant Manager

Telephone:

435-898-4476

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	Permit, NODI	Quantity of Loading		Quality of Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <=	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD			01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. >=	5 DAILY MIN	C - No Discharge	100 DAILY MX 19 - mg/L			01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. >=	6.5 MINIMUM	C - No Discharge	9 MAXIMUM 12 - SU			01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. <=	25 30DA AVG	C - No Discharge	35 MX 7D AV			01/30 - Monthly	GR - GRAB
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	-	Sample Permit Req. <=	.03 30DA AVG	C - No Discharge	.03 DAILY MX 19 - mg/L			01/30 - Monthly	GR - GRAB
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	-	Sample Permit Req. <=	.3 30DA AVG	C - No Discharge	.3 DAILY MX 19 - mg/L			01/30 - Monthly	GR - GRAB
03842	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. <=	15 30DA AVG	C - No Discharge	20 DAILY MX 19 - mg/L			01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. <=	Req Mon DAILY MX 9P - N=0/Y=1	C - No Discharge				01/30 - Monthly	VI - VISUAL
70255	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. <=	1650 DAILY MX 19 - mg/L	C - No Discharge				01/30 - Monthly	GR - GRAB
84056	Oil and grease Visual	1 - Effluent Gross	0	-	Sample Permit Req. <=	Req Mon DAILY MX 9P - N=0/Y=1	C - No Discharge				01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: **Sunnyside1**
 Name: **Rusty Netz**
 E-Mail: **netz@sscogen.com**

Date/Time:

2016-09-08 11:48 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: UT0324759
Major: No

Permittee:
Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
P O BOX 10
EAST CARBON, UT 84520

Facility:
Facility Location:

SUNNYSIDE COGENERATION ASSOC.
P O BOX 10
P O BOX 10
SUNNYSIDE, UT 84520

Permitted Feature: 018
External Outfall

Discharge:

018-A
Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status
Monitoring Period: From 07/01/16 to 07/31/16

DMR Due Date:

08/28/15

Status:

NEIDMR Validated

Considerations for Form Completion

Principal Executive Officer
First Name: Gerald
Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1
00055	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	>=	5 DAILY MN C - No Discharge	19 - mg/L	01/30 - Monthly	M3 - MESTRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	25 30DA AVG C - No Discharge	<=	35.7 DA AVG C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	6.5 DAILY MN C - No Discharge	<=	9 DAILY MX 12 - SU C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	35.7 DA AVG C - No Discharge	<=	100 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
01004	Chromium, total [as Cr]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	.03 7 DA AVG C - No Discharge	<=	.03 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
01004	Zinc, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	.3 30DA AVG C - No Discharge	<=	3 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00502	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	<=	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
4551	4 Solitary waste discharge assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=0Y=1 C - No Discharge	<=	1650 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=0Y=1 C - No Discharge	<=	1650 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL	
84086	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=0Y=1 C - No Discharge	<=	1650 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL	

Submissions Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No comments.

Attachments

No attachments.

Report Last Saved By
SUNNYSIDE COGENERATION ASSOC.

User: Sunystd11

Name: Rusty Nelz

E-Mail: metlz@scogen.com

Date/Time:

2016-08-08 11:49 (Time Zone: -05:00)

DMR Copy of Record

Permit #: UT0024759
Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM External Outfall
Discharge: SUM-A THE SUM OF ALL OUTFALLS

Report Dates & Status: Monitoring Period: From 07/01/16 to 07/31/16
DMR Due Date: 08/28/16
Status: NetDMR Validated

Principal Executive Officer: Gerald
First Name: Gerald
Last Name: Hassall
Title: Plant Manager
Telephone: 435-888-4476

Form NODI: -

Parameter Code	Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1 Value	Qualifier 2 Value	Quantity or Loading	Units	Qualifier 1 Value	Qualifier 2 Value	Qualifier 3 Value	Quality or Concentration	# of Exc.	Frequency of Analysis	Sample Type	
70295	Solids, Total Dissolved	1 - Effluent Gross	0	-	2000 DAILY MAX	26	-	LD	-	-	-	-	C - No Discharge	01/30	-	Monthly	GR - GRAB

Submission Note: If a parameter row does not contain any values for the Sample not Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors: No errors.
Comments:

Attachments: No attachments
Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusly Netz
E-Mail: metz@sscogen.com

Date/Time:

2016-08-08 11:58 (Time Zone: -06:00)

September 14, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: September 2016, UPDES Compliance Report
August 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during August 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were no discharges during the August 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: UT0024753
 Permit #: No
 Major: External Outfall
 Permitted Feature: 002 External Outfall
 Report Dates & Status: From 08/01/16 to 08/31/16
 Monitoring Period: 09/28/16
 Considerations for Form Completion: NetDMR Validated

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10 EAST CARBON, UT 84520
 Discharge: 002-A WATER SUPPLY DIS TO GRASSY CRK

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10 SUNNYSIDE, UT 84520

DMR Due Date: 09/28/16

Status: NetDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-988-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Quality or Concentration	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	C - No Discharge										19 - mg/L	01/30 - Monthly	MS - MEASRD	
00030	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-														19 - mg/L	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-														19 - mg/L	01/30 - Monthly	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-														19 - mg/L	01/30 - Monthly	GR - GRAB	
03562	Oil and grease	0 - See Comments	0	-														19 - mg/L	01/30 - Monthly	GR - GRAB	
45514	Sanitary waste discharge assessment	1 - Effluent Gross	0	-														19 - mg/L	01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	P - See Comments	0	-														19 - mg/L	01/30 - Monthly	GR - GRAB	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Nelz

E-Mail: metz@sscogen.com

Date/Time:

2016-09-14 11:12 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permitted Feature: 007
 External Outfall

Report Dates & Status
 Monitoring Period: From 03/01/16 to 08/31/16

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS, USE N/A FOR SETTABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

No Data Indicator (NODI)

Form NODI:

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Discharge: 007-A
 RAIL CUT POND, ICELANDER CREEK

DMR Due Date: 09/28/16

Status: NetDMR Validated

Title: Plant Manager
 Telephone: 435-888-4476

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 3	Qualifier 2	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0		1.30DA AVG C - No Discharge	Reg Mon DAILY MX 03 - MGD											01/30 - Monthly	MS - MEASRD	
00330	Oxygen, dissolved [DO]	1 - Effluent Gross	0			>=	5 MO AV MIN C - No Discharge										01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0			>=	6.5 MINIMUM C - No Discharge										01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0			<=	25.30DA AVG C - No Discharge										01/30 - Monthly	GR - GRAB	
00545	Solids, settleable	Q - See Comments	0														01/30 - Monthly	GR - GRAB	
01045	Iron, total [Fe]	1 - Effluent Gross	0														01/30 - Monthly	GR - GRAB	
03562	Oil and grease	O - See Comments	0														01/30 - Monthly	GR - GRAB	
45514	Sanitary waste discharged as ssm	1 - Effluent Gross	0														01/30 - Monthly	GR - GRAB	
70295	Solids, total dissolved	P - See Comments	0														01/30 - Monthly	VI - VISUAL	
84056	Oil and grease visual	O - See Comments	0														01/30 - Monthly	VI - VISUAL	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnysidc1

Name: Rusty Nelz

E-Mail: melz@sscogen.com

Date/Time:

2016-09-14 11:14 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024769
 Major: No
 Permitted Feature: 008 External Outfall
Report Dates & Status
 Monitoring Period: From 08/01/16 to 08/31/16
 Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTEABLE SOLIDS WHEN APPROPRIATE.
 Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)
 Form NODI: -

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
Discharge: 008-A
 OLD COARSE REF PND ICELANDER
DMR Due Date: 09/28/16
Status: NetDMR Validated
Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520
Telephone: 435-886-4476
Title: Plant Manager

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	5 MO AV M N C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	MS - MEASRD
00060	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	6.5 MINIMUM C - No Discharge	<=		12 - SJ	<=		12 - SJ	01/30 - Monthly	GR - GRAE
00400	pH	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	25 30DA AVG C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	GR - GRAE
00530	Solids, total suspended	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	35 MX 7D AV C - No Discharge	<=		25 - mL/L	<=		25 - mL/L	01/30 - Monthly	GR - GRAE
00545	Solids, settleable	Q - See Comments	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	1 DAILY MX C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	GR - GRAE
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	10 DAILY MX C - No Discharge	<=		1650 DAILY MX C - No Discharge	<=		1650 DAILY MX	01/30 - Monthly	VI - VISUAL
03562	Oil and grease	Q - See Comments	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	0 DAILY MX C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	VI - VISUAL
45514	Sanitary waste discharged-accocmt	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	SP - N=0 Y=1 C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	SP - N=0 Y=1 C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	VI - VISUAL
84066	Oil and grease, visual	Q - See Comments	1	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	SP - N=0 Y=1 C - No Discharge	<=		19 - mg/L	<=		19 - mg/L	01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments
 Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 Jser: Sunnyside1
 Name: Rusty Nciz
 E-Mail: metz@sscogen.com
 Date/Time: 2016-09-14 11:15 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permit #: No
Major: 009 External Outfall
Permitted Feature: 009 External Outfall
Facility: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O BOX 10
 EAST CARBON, UT 84520
Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
Discharge: 009-A
 PASTURE POND, ICELANDER CREEK
Report Dates & Status:
Monitoring Period: From 08/01/16 to 08/31/16
DMR Due Date: 09/28/16
Status: NetDMR Validated
Telephone: 435-888-4476
Plant Manager:
 Gerald Hascall
Title:
Principal Executive Officer:

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
0055	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge				01/30 - Monthly	MS - MEASRD
0030	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	>=	5 NO AV MIN C - No Discharge				01/30 - Monthly	GR - GRAB
0040	pH	1 - Effluent Gross	0	-	>=	6.5 MINIMUM C - No Discharge				01/30 - Monthly	GR - GRAB
0053	Solids, total suspended	1 - Effluent Gross	0	-	<=	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge			01/30 - Monthly	GR - GRAB
0054	Solids, settleable	Q - See Comments	0	-		5 DAILY MX C - No Discharge	25 - mL/L C - No Discharge			01/30 - Monthly	GR - GRAB
0145	Iron, total [Fe]	1 - Effluent Gross	0	-		1 DAILY MX C - No Discharge	19 - mg/L			01/30 - Monthly	GR - GRAB
0382	Oil and grease	O - See Comments	0	-		10 DAILY MX C - No Discharge	19 - mg/L			01/30 - Monthly	GR - GRAB
4561	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-		Req Mon DAILY MX SP - N=O;Y=1 C - No Discharge				01/30 - Monthly	VI - VISUAL
7026	Solids, total dissolved	P - See Comments	0	-		1650 DAILY MX C - No Discharge	19 - mg/L			01/30 - Monthly	GR - GRAB
8466	Oil and grease visual	O - See Comments	0	-		0 DAILY MX C - No Discharge				01/30 - Monthly	VI - VISUAL

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusty Neiz
E-Mail: metz@sscogen.com

Date/Time: 2016-09-14 11:16 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012
 External Outfall

Discharge: 012-A
 COARSE REF TOE POND, ICELANDER

Report Dates & Status
 Monitoring Period: From 03/01/16 to 06/31/16

DMR Due Date: 09/28/16

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

Gerard
 Hascall

Title: Plant Manager

Telephone: 435-888-4476

Status: NetDMR Validated

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. (NODI)	Sample	Value 1	Qualifier 1	Value 2	Qualifier 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
0035	Flowrate	1 - Effluent Gross	0	-	Permit Req. Value NODI	1.30DA AVG C - No Discharge	<=	Req. Mon DAILY MX 03 - 1MSD C - No Discharge	<=					0130	Monthly	MS - MEASRD
003C	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Permit Req. Value NODI	>=	5 MO AV MIN C - No Discharge							0130	Monthly	GR - GRAB
004C	pH	1 - Effluent Gross	0	-	Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge							0130	Monthly	GR - GRAB
0050	Solids, total suspended	1 - Effluent Gross	0	-	Permit Req. Value NODI	<=	25 30DA AVG C - No Discharge							0130	Monthly	GR - GRAB
0054	Solids, settleable	0 - See Comments	0	-	Permit Req. Value NODI	<=	5 DAILY MX C - No Discharge							0130	Monthly	GR - GRAB
0104	Iron, total [as Fe]	1 - Effluent Gross	0	-	Permit Req. Value NODI	<=	1 DAILY MX C - No Discharge							0130	Monthly	GR - GRAB
0352	Oil and grease	0 - See Comments	0	-	Permit Req. Value NODI	<=	10 DAILY MX C - No Discharge							0130	Monthly	GR - GRAB
45814	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-	Permit Req. Value NODI			Req. Mon DAILY MX 9P - N=0,Y=1 C - No Discharge						0130	Monthly	GR - GRAB
7025	Solids, total dissolved	0 - See Comments	0	-	Permit Req. Value NODI	<=	150 DAILY MX C - No Discharge							0130	Monthly	GR - GRAB
8405	Oil and grease, visual	0 - See Comments	0	-	Permit Req. Value NODI	<=	0 DAILY MX C - No Discharge							0130	Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edge Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Netz

E-Mail: metz@sscogen.com

Date/Time: 2016-09-14 11:16 (Time Zone: -06:00)

DMR Copy of Record

Permit: UT0024759
Permit #: No
Major: 013 External Outfall
Permitted Feature: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O. BOX 10
 EAST CARBON, UT 84520
Permittee Address: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520
Discharge: 013-A FACILITY SED POND, ICELANDER C
DMR Due Date: 09/28/16
Status: NetDMR Validated
Telephone: 435-888-4476
Plant Manager: Gerald Hascaill
Title: Principal Executive Officer
Monitoring Location: 1 - Effluent Gross
Season # Param. NODI: 0
Monitoring Period: From 08/01/16 to 09/31/16
Considerations for Form Completion:

Principal Executive Officer
First Name: Gerald
Last Name: Hascaill
No Data Indicator (NODI)
Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Sample Permit Req. Value NODI	Quantity of Loading Qualifier 1 Value 1	Quantity of Loading Qualifier 2 Value 2	Units	Qualifier 1	Qualifier 2	Value 1	Value 2	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00266	Flow rate	1 - Effluent Gross	0		Sample Permit Req. Value NODI	Req Mon DAILY MX 03 - MGD	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge		<=						01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample Permit Req. Value NODI		>=	5 DAILY MIN C - No Discharge		>=					19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NODI		>=	6.5 MINIMUM C - No Discharge		<=				9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI		<=	25 30DA AVG C - No Discharge		<=				100 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0		Sample Permit Req. Value NODI			15 30DA AVG C - No Discharge						20 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
45514	Sanitary waste discharged-assessmt	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon DAILY MX SP - N=0;Y=1 C - No Discharge								01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI									1650 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
84066	Oil and grease Visual	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon DAILY MX SP - N=0;Y=1 C - No Discharge								01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User:

Sunnysidc1

Name:

Rusty Netz

E-Mail:

netz@sscogen.com

Date/Time:

2016-09-14 11:17 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0924759
 Major: No

Permitted Feature: 014
 External Outfall

Report Dates & Status

Monitoring Period: From 08/01/16 to 08/31/16
 Considerations for Form Completion

Principal Executive Officer

First Name: Gerard
 Last Name: Hascall

No Data Indicator (NODI)

Form NODI: -

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520
Discharge: 014-A
 ICELANDER CREEK

DMR Due Date: 09/28/16

Title:

Plant Manager

Telephone: 435-888-4476

Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Status: NetDMR Validated

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
0055	Flow rate	- Effluent Gross	0	-	1.30DA AVG C - No Discharge	Req Mon DAILY MX 03 -MGD C - No Discharge				01/30 - Monthly	MS - DEASRC	
0330	Oxygen, dissolved (DO)	- Effluent Gross	0	-	>=	5 DAILY MIN C - No Discharge			19 - mg/L	01/30 - Monthly	GR - GRAB	
0400	pH	- Effluent Gross	0	-	>=	6.5 MINIMUM C - No Discharge			12 - SU	01/30 - Monthly	GR - GRAB	
0330	Solids, total suspended	- Effluent Gross	0	-	<=	25 30DA AVG C - No Discharge			50 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB	
0350	Oil and grease	- Effluent Gross	0	-	<=	15 30DA AVG C - No Discharge			20 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB	
45614	Sanitary waste discharged-essamnt	- Effluent Gross	0	-		Req Mon DAILY MX 9P - N=0,Y=1 C - No Discharge				01/30 - Monthly	VI - VISUAL	
7025	Solids, total dissolved	- Effluent Gross	0	-					1860 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB	
8466	Oil and grease visual	- Effluent Gross	0	-		Req Mon DAILY MX 9P - N=0,Y=1 C - No Discharge				01/30 - Monthly	VI - VISUAL	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Nelz

E-Mail: metz@sscogen.com

Date/Time:

2016-09-14 11:18 (Time Zone -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024769
 Major: No
 Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 016 External Outfall
 Discharge: 016-A BORROW AREA FONDICELANDER CK

Report Dates & Status
 Monitoring Period: From 08/01/16 to 08/31/16
 Considerations for Form Completion: NetDMR Validated
 Principal Executive Officer: 435-886-4476

Permittee Address: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520
DMR Due Date: 09/29/16
Status: NetDMR Validated

Title: Plant Manager
Telephone: 435-886-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Evt. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00266	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge				01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	>=	5 MO AVG MN C - No Discharge			19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	>=	6.5 MINIMUM C - No Discharge	<=		9 MAXIMUM C - No Discharge	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	<=	25 30DA AVG C - No Discharge	<=	35 MX 7D AV C - No Discharge	70 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	Q - See Comments	0	-			<=		5 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
01645	Iron, total [as Fe]	1 - Effluent Gross	0	-			<=		1 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
03592	Oil and grease	Q - See Comments	0	-			<=		10 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-		Req Mon DAILY MX SP - N=0;Y=1 C - No Discharge				01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-			<=		1650 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
84065	Oil and grease visual	Q - See Comments	0	-	<=	0 DAILY MX C - No Discharge				01/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 No errors.

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: metz@sscogen.com

Date/Time: 2016-09-14 11:18 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024750
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Discharge: 017-A
 PHASE II LANDFILL SED POND/ICE

Facility: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 017
 External Outfall

Report Dates & Status
 Monitoring Period: From 08/01/16 to 08/31/16
 Considerations for Form Completion

DMR Due Date: 09/28/16

Status: NetDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hascal

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI) Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Qualifier 3		
00056	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	>=	5 DAILY MIN C - No Discharge	19 - mg/L	01/30 - Monthly	MS - MEASRD	
00080	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-			>=	6.5 MINIMUM C - No Discharge	12 - %U	01/30 - Monthly	GR - GRAE	
00400	pH	1 - Effluent Gross	0	-			<=	25 30DA AVG C - No Discharge	100 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAE	
00530	Solids, total suspended	1 - Effluent Gross	0	-			<=	08 30DA AVG C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAE	
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	-			<=	3 30DA AVG C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAE	
01052	Zinc, total [as Zn]	1 - Effluent Gross	0	-			<=	15 30DA AVG C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAE	
05982	Oil and grease	1 - Effluent Gross	0	-			<=	20 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAE	
45614	Sanitary waste discharged	1 - Effluent Gross	0	-			<=	1850 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	1 - Effluent Gross	0	-			<=				GR - GRAE	
84086	Oil and grease visual	1 - Effluent Gross	0	-			<=				VI - VISUAL	

Submission Note

If a parameter row does not contain any values for the Sample no, Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Nolz
 E-Mail: metz@sscogen.com

Date/Time:

2016-09-14 11:19 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84620
 Permitted Feature: 018 External Outfall
 Discharge: 018-A Sedimentation pond to contain runoff from #2 Ash Landfill
 Report Dates & Status
 Monitoring Period: From 09/01/16 to 09/31/16
 DMR Due Date: 09/28/16
 Status: NetDMR Validated
 Form NODI: --

Principal/Executive Officer
 First Name: Gerald
 Last Name: Hascall
 Title: Plant Manager
 Telephone: 435-868-4476

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00055	Flow rate	1 - Effluent Gross	0	--	1 30DA AVG C - No Discharge						01/30 - Monthly	MS - MEASRD	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	5 DAILY MN C - No Discharge						01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	6.5 DAILY MN C - No Discharge			9 DAILY MX C - No Discharge			01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--	25 30DA AVG C - No Discharge			35.7 DA AVG C - No Discharge			01/30 - Monthly	GR - GRAB	
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	--			.03 7 DA AVG C - No Discharge				01/30 - Monthly	GR - GRAB	
01034	Zinc, total recoverable	1 - Effluent Gross	0	--			.3 30DA AVG C - No Discharge				01/30 - Monthly	GR - GRAB	
03592	Oil and grease	1 - Effluent Gross	0	--			15 30DA AVG C - No Discharge				01/30 - Monthly	GR - GRAB	
45614	Sanitary waste discharged-assesmt	1 - Effluent Gross	0	--							01/30 - Monthly	VI - VISUAL	
70235	Solids, total dissolved	1 - Effluent Gross	0	--							01/30 - Monthly	GR - GRAB	
84056	Oil and grease visual	1 - Effluent Gross	0	--							01/30 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
 No errors.

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Summyside1
 Name: Rusty Nclz
 E-Mail: meiz@sscogen.com

Date/Time: 2016-09-14 11:20 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Permitted Feature: SUM External Outfall
Report Dates & Status
 Monitoring Period: From 08/01/16 to 08/31/16
 Considerations for Form Completion

Permittee: SUNNYSIDE COGENERATION ASSOC.
 P.O. BOX 10
 EAST CARBON, UT 84520
Discharge: SUM-A
 THE SUM OF ALL OUTFALLS
DMR Due Date: 09/28/16

Facility: SUNNYSIDE CONGENERATION ASSOC.
 P.O. BOX 10
 SUNNYSIDE, UT 84520
Status: NetDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)

Title: Plant Manager

Telephone: 435-868-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1 Value 1	Qualifier 2 Value 2	Quantity or Loading Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	# of Ex. Frequency of Analysis Sample Type
7205	Solids, total dissolved 1 - Effluent Gross		0	--	45	2000 DAILY MX, 26 - lb/d	C - No Discharge					0130 - Monthly GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Neiz

E-Mail: metz@sscogen.com

Date/Time: 2016-09-14 11:21 (Time Zone: -06:00)

October 18, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: October 2016, UPDES Compliance Report
September 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during September 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were discharges during the September 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: UT024739
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC,
 3, O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC,
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002
 External Outfall

Discharge: 302-A
 WATER SUPPLY DIS TO GRASSY CRK

Report Dates & Status
 Monitoring Period: From 09/01/16 to 09/30/16
 Considerations for Form Completion

DWR Due Date: 10/28/16

Status: NoDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hassall
 No Data Indicator (NODI)

Title: Plant Manager

Telephone: 435-388-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Sample		Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Permit Req. Value NODI	Sample	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00056	Flow rate	1 - Effluent Gross	0	-	1300A.AVG	C - No Discharge	Reg Mon DAILY MX 03 - MGD						01/30 - Monthly	MS - MBSARD
00900	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-				5 MGD AVMN					01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-				8.5 MINIMUM					01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-				1 DAILY MX					01/30 - Monthly	GR - GRAB
03932	Oil and grease	0 - See Comments	0	-				10 DAILY MX					01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharge assessment	1 - Effluent Gross	0	-			Reg Mon DAILY MX 9P - N=QY=1						01/30 - Monthly	VI - VISUAL
70295	Sludge, total dissolved	P - See Comments	0	-				1650 DAILY MX					01/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunmyside1
 Name: Rusty Meiz
 E-Mail: meiz@sscogen.com

Date/Time: 2016-10-14 13:05 (Time Zone: -05:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 003
 External Outfall

Discharge: 003A
 WATER SUPPLY PIPELINE/GRASSY T

Report Dates & Status: Monitoring Period: From 09/01/15 to 09/30/16
 Considerations for Form Completion

DMR Due Date: 10/28/16
 Status: NetDMR Validated

Principal Executive Officer: Gerald Hascaill
 Last Name: Hascaill
 No Data Indicator (NODI):

Title: Plant Manager
 Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Station #	Param. NODI	Quantity or Landing		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
					Quarrier 1	Value 1	Quarrier 2	Value 2	Units				Quarrier 1
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - NOD				01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MO AV MN	C - No Discharge	9 MAXIMUM	12 - SU			01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6.5 MINIMUM	C - No Discharge	1 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRAB
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=0/Y=1	C - No Discharge	10 DAILY MX	19 - mg/L			01/30 - Monthly	VI - VISUAL
00562	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI			1500 DAILY MX	19 - mg/L			01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged/assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								
70295	Sludge, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI								

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
 Comments

Attachments: No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-10-14 13:06 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Report Dates & Status: 007 External Outfall
 Monitoring Period: From 09/01/16 to 09/30/16

Discharge: 007-A RAIL CUT POND, ICELANDER CREEK

Status: NetDMR Validated

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascael
 First Name: Gerald
 Last Name: Hascael
 No Data Indicator (NODI)
 Form NODI:

Title: Plant W manager

Telephone: 435-888-4475

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value	Qualifier 1	Value 1	Quantity or Leading Qualifier	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Frequency of Sample Analysis Type	
0005	Flow rate				1 - Effluent Gross	1	1.30DA AVG	Req Non DAILY MX	03 - MGD									01/30 - Monthly	MS - W&S
0030	Oxygen, dissolved (DO)				1 - Effluent Gross	1	5.00 AV MIN	9 - Conditional Monitoring - Not Required This Period	8.97									01/30 - Monthly	SR - SU
0040	DPH				1 - Effluent Gross	1	6.5 MINIMUM	9 - Conditional Monitoring - Not Required This Period	9 MAXIMUM									01/30 - Monthly	SR - SU
0050	Solids, total suspended				1 - Effluent Gross	1	25.30DA AVG	9 - Conditional Monitoring - Not Required This Period	35 MX 70 AV									01/30 - Monthly	GR - GRAB
0054	Solids, settleable				3 - See Comments	1			5 DAILY MX									01/30 - Monthly	GR - GRAB
0104	Iron, total (as Fe)				1 - Effluent Gross	1			1 DAILY MX									01/30 - Monthly	GR - GRAB
0359	Oil and grease				3 - See Comments	1			10 DAILY MX									01/30 - Monthly	GR - GRAB
4561	Sanitary waste discharging-assessment				1 - Effluent Gross	1			Req Mon DAILY MX									01/30 - Monthly	V - VISUAL
7029	Solids, total dissolved				3 - See Comments	1			1850 DAILY MX									01/30 - Monthly	GR - GRAB
8406	Oil and grease visual				3 - See Comments	1			Req Mon DAILY MX									01/30 - Monthly	V - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: JHts, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. SCA misunderstood the language in it's UPDES permit and did not sample for all the parameters under Part 1.1. SCA only sampled for pH from the 007 UPDES discharge outfall. The language in SCA's permit states that during a storm event greater than the 10yr/24hr storm event the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits (Per Mike Herkimer). Mike Herkimer of UDWA was very helpful in clarifying the language in SCA's permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments

No attachments.

Report Last Saved By

Sunnyside1

Sunnyside1

Rusty Netz

meiz@sscogen.com

Date/Time:

2016-10-17 15:07 (Time Zone: -06:00)

Submission Note

If a parameter row does not contain any values for the sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

On 9/23/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. SCA misunderstood the language in its UPDES permit and did not sample for all the parameters under Part D.1 SCA only sampled for pH from the 007 UPDES discharge outfall. The language in SCA's permit states that during a storm event greater than the 10yr/24hr storm event, the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits (Per Mike Herkimer); Mike Herkimer of UDWC was very helpful in clarifying the language in SCA's permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusny Neitz

E-Mail: melz@sscogen.com

Date/Time:

2016-10-17 15:09 (Time Zone: -05:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 009
 External Outfall

Discharge: 009-A
 PASTURE POND, ICELANDER CREEK

Report Dates & Status: From 09/01/16 to 09/30/16

DMR Due Date:

10/28/16

Status:

NEIDMR Validated

Monitoring Period: Considerations for Form Completion

IF AN C & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascal
 First Name: Gerald
 Last Name: Hascal
 No Data Indicator (NODI)

Title:

Plant Manager

Telephone:

435-888-4476

Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier	Value 1	Quantity or Loading	Qualifier	Value 2	Units	Qualifier	Value 1	Quality of Concentration	Qualifier	Value 3	Units	# of Frequency of Sample Est. Analysis Type	
0006Flow rate	1 - Effluent	0	-	1	1300A AVG	Reg Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	03 - MGD	25	500A AVG	35 MX 7D AV	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	18	01/30 - Monthly	MS - VESRD
0000Oxygen, dissolved (DO)	1 - Effluent	0	-	1	5 MO AVG	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	8.19	5	MAXIMUM	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	9	8.19	12 - SU	01/30 - Monthly	SR - SRAB
0004PH	1 - Effluent	0	-	1	6.5 MINIMUM	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	8.19	9	MAXIMUM	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	9	8.19	12 - SU	01/30 - Monthly	SR - SRAB
0053O Solids, total suspended	1 - Effluent	0	-	1	25 500A AVG	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	35 MX 7D AV	70	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	19	01/30 - Monthly	SR - SRAB	
0054S Solids, settleable	0 - See Comments	0	-	1	5 DAILY MX	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	5 DAILY MX	5	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	25	01/30 - Monthly	SR - GRAB	
0104S Iron (as Fe)	1 - Effluent	0	-	1	1 DAILY MX	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	10 DAILY MX	10	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	19	01/30 - Monthly	SR - GRAB	
0058O2 and grasses	0 - See Comments	0	-	1	Reg Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	18	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	19	01/30 - Monthly	SR - VISUAL	
4261 Sanitary waste discharged-assessment	1 - Effluent	0	-	1	Reg Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	18	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	19	01/30 - Monthly	SR - VISUAL	
7029S Solids, total dissolved	0 - See Comments	0	-	1	Reg Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	18	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	19	01/30 - Monthly	SR - VISUAL	
8406O2 and grasses visual	0 - See Comments	0	-	1	Reg Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	18	DAILY MX	70 DAILY MX	9 - Conditional Monitoring - Not Required This Period	1850 DAILY MX	19	01/30 - Monthly	SR - VISUAL	

Submission Note

If a parameter row does not contain any values for the Sample not Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 Yr. storm event. SCA misunderstood the language in its UPDES permit and did not sample for all the parameters under Part 1.1. SCA only sampled for pH from the 007 UPDES discharge outfall. The language in SCA's permit states that during a storm event greater than the 10yr/24hr storm event, the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH-only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr event, the only applicable limitation is pH. SCA sampled for p-T and did not violate any water quality permit limits (Per Mike Herkimer). Mike Herkimer of UDWC was very helpful in clarifying the language in SCA's permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rudy Neitz

E-Mail: meitz@sscogen.com

Date/Time:

2016-10-17 15:10 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P O BOX 10
 P O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012 External Outfall

Discharge:

012A
 COARSE REF TOE POND, ICELANDER

Report Dates & Status
 Monitoring Period: From 09/01/16 to 09/30/16

DMR Due Date:

10/28/16

Status:

NetDMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-898-4476

Form NODI:

Code	Parameter Name	Monitoring Location	Station #	Param. NODI	Quantity of Loading		Quantity of Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2			
00055	Flow rate				1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - HGD C - No Discharge					
00300	Oxygen, dissolved [DO]										
00400	pH										
00550	Solids, total suspended										
00545	Solids, settleable										
01045	Iron, total [as Fe]										
00552	Oil and grease										
45914	Sanitary waste discharged-assessmt										
70295	Solids, total dissolved										
84065	Oil and grease visual										

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Metz
 E-Mail: metz@sscogen.com

Date/Time: 2016-10-14 14:49 (Time Zone: -06:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 013
 External Outfall

Discharge: 013-A
 FACILITY SED POND, CELANDER C

Report Dates & Status: From 09/01/16 to 09/30/16
 Monitoring Period: DMR Due Date: 10/28/16
 Considerations for Form Completion

DMR Due Date: 10/28/16

Status: Not DMR Validated

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-899-4476

Form NODI: No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality of Concentration		Units	Qualifier	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2				
00056	Flow rate	1 - Effluent	0	--	1 30DA AVG	Req Mon DAILY MX	03 - MGD				01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent	0	--	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	5 DAILY MN	7.54	7.54	9 MAXIMUM	01/30 - Monthly	GR - GRAB
00400	Oil	1 - Effluent	0	--	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	25 30DA AVG			38 MX 7D AV	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent	0	--	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	15 30DA AVG			100 DAILY MX	01/30 - Monthly	GR - GRAB
03520	Oil and grease	1 - Effluent	0	--	9 - Conditional Monitoring - Not Required This Period	9 - Conditional Monitoring - Not Required This Period	20 DAILY MX			9 - Conditional Monitoring - Not Required This Period	01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessment	1 - Effluent	0	--	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9P - N=QY+1			1650 DAILY MX	01/30 - Monthly	VI - VISUAL
77295	Solids, total dissolved	1 - Effluent	0	--	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9P - N=QY+1			1650 DAILY MX	01/30 - Monthly	GR - GRAB
84960	Oil and grease visual	1 - Effluent	0	--	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	9P - N=QY+1			1650 DAILY MX	01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10y/24hr. storm event and greater than the 100 yr. storm event. The language in SCAs permit states that during a storm event greater than the 10y/24hr storm event the permittee is required to sample for pH only.

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 014
 External Outfall

Discharge: 014-A
 ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 09/01/16 to 09/30/16
 Considerations for Form Completion

DMR Due Date: 10/28/16

Status: NEIDMR Validated

Principal Executive Officer: Gerald Hascaill
 Last Name: Hascaill

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Qualifier 1	Value 1	Quantity of Leaking	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 4	Value 4	Qualifier 5	Value 5	Qualifier 6	Value 6	Qualifier 7	Value 7	Qualifier 8	Value 8	Qualifier 9	Value 9	Qualifier 10	Value 10	Qualifier 11	Value 11	Qualifier 12	Value 12	Qualifier 13	Value 13	Qualifier 14	Value 14	Qualifier 15	Value 15	Qualifier 16	Value 16	Qualifier 17	Value 17	Qualifier 18	Value 18	Qualifier 19	Value 19	Qualifier 20	Value 20	Qualifier 21	Value 21	Qualifier 22	Value 22	Qualifier 23	Value 23	Qualifier 24	Value 24	Qualifier 25	Value 25	Qualifier 26	Value 26	Qualifier 27	Value 27	Qualifier 28	Value 28	Qualifier 29	Value 29	Qualifier 30	Value 30	Qualifier 31	Value 31	Qualifier 32	Value 32	Qualifier 33	Value 33	Qualifier 34	Value 34	Qualifier 35	Value 35	Qualifier 36	Value 36	Qualifier 37	Value 37	Qualifier 38	Value 38	Qualifier 39	Value 39	Qualifier 40	Value 40	Qualifier 41	Value 41	Qualifier 42	Value 42	Qualifier 43	Value 43	Qualifier 44	Value 44	Qualifier 45	Value 45	Qualifier 46	Value 46	Qualifier 47	Value 47	Qualifier 48	Value 48	Qualifier 49	Value 49	Qualifier 50	Value 50	Qualifier 51	Value 51	Qualifier 52	Value 52	Qualifier 53	Value 53	Qualifier 54	Value 54	Qualifier 55	Value 55	Qualifier 56	Value 56	Qualifier 57	Value 57	Qualifier 58	Value 58	Qualifier 59	Value 59	Qualifier 60	Value 60	Qualifier 61	Value 61	Qualifier 62	Value 62	Qualifier 63	Value 63	Qualifier 64	Value 64	Qualifier 65	Value 65	Qualifier 66	Value 66	Qualifier 67	Value 67	Qualifier 68	Value 68	Qualifier 69	Value 69	Qualifier 70	Value 70	Qualifier 71	Value 71	Qualifier 72	Value 72	Qualifier 73	Value 73	Qualifier 74	Value 74	Qualifier 75	Value 75	Qualifier 76	Value 76	Qualifier 77	Value 77	Qualifier 78	Value 78	Qualifier 79	Value 79	Qualifier 80	Value 80	Qualifier 81	Value 81	Qualifier 82	Value 82	Qualifier 83	Value 83	Qualifier 84	Value 84	Qualifier 85	Value 85	Qualifier 86	Value 86	Qualifier 87	Value 87	Qualifier 88	Value 88	Qualifier 89	Value 89	Qualifier 90	Value 90	Qualifier 91	Value 91	Qualifier 92	Value 92	Qualifier 93	Value 93	Qualifier 94	Value 94	Qualifier 95	Value 95	Qualifier 96	Value 96	Qualifier 97	Value 97	Qualifier 98	Value 98	Qualifier 99	Value 99	Qualifier 100	Value 100
0086	Flow rate	1 - Effluent	Gross	0	1	30DA AVG	Req Mon DAILY MX	03 - MGD	25	30DA AVG	9 - Conditional Monitoring - Not Required This Period	35	MAX7D AV	9 - Conditional Monitoring - Not Required This Period	50	DAILY MX	9 - Conditional Monitoring - Not Required This Period	20	DAILY MX	9 - Conditional Monitoring - Not Required This Period	1650	DAILY MX	9 - Conditional Monitoring - Not Required This Period	19	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																			
0030	Oxygen dissolved (DOI)	1 - Effluent	Gross	0	1	5 DAILY MN	Req Mon DAILY MX	6.3	MINIMUM	9 - Conditional Monitoring - Not Required This Period	6.3	MINIMUM	9 - Conditional Monitoring - Not Required This Period	12	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																													
0040	PH	1 - Effluent	Gross	0	1	6.3	MINIMUM	9 - Conditional Monitoring - Not Required This Period	6.3	MINIMUM	9 - Conditional Monitoring - Not Required This Period	12	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																															
0050	Solids, total suspended	1 - Effluent	Gross	0	1	30DA AVG	Req Mon DAILY MX	25	30DA AVG	9 - Conditional Monitoring - Not Required This Period	35	MAX7D AV	9 - Conditional Monitoring - Not Required This Period	50	DAILY MX	9 - Conditional Monitoring - Not Required This Period	20	DAILY MX	9 - Conditional Monitoring - Not Required This Period	1650	DAILY MX	9 - Conditional Monitoring - Not Required This Period	19	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																				
0058	Oil and grease	1 - Effluent	Gross	0	1	30DA AVG	Req Mon DAILY MX	15	30DA AVG	9 - Conditional Monitoring - Not Required This Period	20	DAILY MX	9 - Conditional Monitoring - Not Required This Period	19	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																													
4561	Sanitary waste discharged/assessment	1 - Effluent	Gross	0	1	1650 DAILY MX	Req Mon DAILY MX	1650	DAILY MX	9 - Conditional Monitoring - Not Required This Period	19	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																																
7020	Oil and grease visual	1 - Effluent	Gross	0	1	1650 DAILY MX	Req Mon DAILY MX	1650	DAILY MX	9 - Conditional Monitoring - Not Required This Period	19	mg/L	01/30 - Monthly	SR - SRAB																																																																																																																																																																																																

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edh Check Errors
 No errors.

Comments
 On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. The language in SCA's permit states that during a storm event greater than the 10yr/24hr. storm event the permittee is required to sample for pH only.

DMR Copy of Record

Permit #: U10024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Report Dates & Status: 016 External Outfall

Discharge: 016A BORROW AREA POND/CLANDER CK

Monitoring Period: From 09/01/16 to 09/30/16

DMR Due Date: 10/28/16

Status: NetDMR Validated

Considerations for Form Completion

IF AN O & G SHEENIS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THISSHALL NOT EXCEED 10 MGL SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name: Gerald

Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4475

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Qualifier 1		Qualifier 2		Qualifier 3			# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Units	Value 2	Units	Value 1	Value 2	Value 3			
00056	Flow rate	1 - Effluent Gross	0		1 30DA AVG	MGD	Perf Mon DAILY MX 03 - MGD					01/30 - Monthly	MS - MEASRD	
00380	Oxygen, dissolved [DO]	1 - Effluent Gross	0						5 MG AV MIN			01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0						6.5 MINIMUM			01/30 - Monthly	GR - GRAB	
00530	Solids, lbs/s suspended	1 - Effluent Gross	0		28 30DA AVG	mg/L			70 DAILY MX			01/30 - Monthly	GR - GRAB	
00545	Solids, settleable	0 - See Comments	0						5 DAILY MX			01/30 - Monthly	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent Gross	0						1 DAILY MX			01/30 - Monthly	GR - GRAB	
03592	Oil and grease	0 - See Comments	0						10 DAILY MX			01/30 - Monthly	GR - GRAB	
45914	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0						Req Mon DAILY MX gp - N=Q/Y=1			01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	P - See Comments	0						0 DAILY MX			01/30 - Monthly	GR - GRAB	
84066	Oil and grease visual	0 - See Comments	0						0 DAILY MX			01/30 - Monthly	GR - GRAB	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusy Neiz
 E-Mail: melz@sscogen.com

Date/Time:

2016-10-14 14:56 (Time Zone: -06:00)

DMR Copy of Record

Permit #: **UT0024759**
 Major: **No**

Permittee: **SUNNYSIDE COGENERATION ASSOC.**
 Permittee Address: **P. O. BOX 10
 EAST CARBON UT 84520**

Facility: **SUNNYSIDE COGENERATION ASSOC.**
 Facility Location: **P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520**

Report Dates & Status: **017
 Ekerra Outfall**
 Monitoring Period: **From 09/01/16 to 09/30/16**
 Considerations for Form Completion

Discharge: **017A
 PHASE II LANDFILL SED POND/DICE**
 DMR Due Date: **10/28/16**

Status: **NeDMR Validated**

Principal Executive Officer
 First Name: **Gerald**
 Last Name: **Hascall**
 No Data Indicator (NODI)
 Form NODI:

Title: **Plant Manager**

Telephone: **435-888-4476**

Code	Parameter Name	Monitoring Location	Season	Pattern	Sample	Qualifier	Value 1	Quantity or Loading	Value 2	Units	Qualifier	Value 1	Quality or Concentration	Value 2	Qualifier	Value 3	Units	Ex.	Frequency of Analysis	Sample Type
0006	Flow rate				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX		03 - MGD	1		5 DAILY MIN						01/30 - Monthly	MS - MEASRD
0030	Oxygen, dissolved [DO]				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
0040	PH				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
0050	Solids, total suspended				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
0100	Chlorine, total [as Cl]				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
0120	Zinc, total [as Zn]				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
0350	Oil and grease				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
4561	Sanitary waste discharged-assessment				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	VI - VISUAL
7020	Solids, total dissolved				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	GR - GRAB
8400	Oil and grease visual				Sample Permit Req. Value NODI	1	30DA AVG	Req Mon DAILY MX			1		5 DAILY MIN						01/30 - Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. The language in SCAs permit states that during a storm event greater than the 10yr/24hr storm event the permittee is required to sample for pH only.

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusly Nelz

E-Mail: meiz@sscogen.com

Date/Time:

2016-10-17 15:17 (Time Zone: -05:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P.O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 018 External Outfall

018-A
 Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status
 Monitoring Period: From 09/31/16 to 09/30/16
 Considerations for Form Completion

Discharge:

DMR Due Date:

Status:

10/28/16

NEIDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascell

Title:

Plant Manager

Telephone:

435-889-4476

Form NODI:
 No Data Indicator (NODI)

Parameter Code	Parameter Name	Monitoring Location	Season #	Param NODI	Sample Permit Req. Value	Quiliter 1	Value 1	Quantity of Loading Quiliter 2	Value 2	Units	Quiliter 1	Value 1	Quiliter 2	Value 2	Quantity of Concentration	Quiliter 3	Value 3	Units	Ex.	# of Frequency of Sample Type
00066	Flow rate	1 - Effluent	0	--	1 30DA AVG	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	03 - MGD	5 DAILY MN	9 - Conditional Monitoring - Not Required This Period	25 30DA AVG	9 - Conditional Monitoring - Not Required This Period	36 7 DA AVG	9 - Conditional Monitoring - Not Required This Period	100 DAILY MX	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	01/30 - Monthly	MS - MEASRD	GR - GRAB
00080	Oxygen, dissolved (DO)	1 - Effluent	0	--	Sample Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	6 5 DAILY MN	6 5 DAILY MN	9 - Conditional Monitoring - Not Required This Period	8 97	9 DAILY MX	9 - Conditional Monitoring - Not Required This Period	03 DAILY MX	9 - Conditional Monitoring - Not Required This Period	12 - SU	01/30 - Monthly	GR - GRAB	12 - SU	01/30 - Monthly	GR - GRAB
00090	Chemical, total (as Cl)	1 - Effluent	0	--	Sample Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	03 7 DA AVG	9 - Conditional Monitoring - Not Required This Period	03 DAILY MX	9 - Conditional Monitoring - Not Required This Period	03 DAILY MX	9 - Conditional Monitoring - Not Required This Period	03 DAILY MX	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	01/30 - Monthly	GR - GRAB	19 - mg/L	01/30 - Monthly	GR - GRAB
00092	Chemical, total recoverable	1 - Effluent	0	--	Sample Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	3 30DA AVG	9 - Conditional Monitoring - Not Required This Period	3 30DA AVG	9 - Conditional Monitoring - Not Required This Period	3 30DA AVG	9 - Conditional Monitoring - Not Required This Period	3 30DA AVG	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	01/30 - Monthly	GR - GRAB	19 - mg/L	01/30 - Monthly	GR - GRAB
00592	Oil and grease	1 - Effluent	0	--	Sample Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	15 30DA AVG	9 - Conditional Monitoring - Not Required This Period	20 DAILY MX	9 - Conditional Monitoring - Not Required This Period	20 DAILY MX	9 - Conditional Monitoring - Not Required This Period	20 DAILY MX	9 - Conditional Monitoring - Not Required This Period	18 - mg/L	01/30 - Monthly	GR - GRAB	18 - mg/L	01/30 - Monthly	GR - GRAB
4694	Sanitary waste discharged-assessment	1 - Effluent	0	--	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	N=0 Y=1	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	01/30 - Monthly	VI - VISUAL	19 - mg/L	01/30 - Monthly	GR - GRAB
70295	Sludge, total dissolved	1 - Effluent	0	--	Sample Permit Req. Value NODI	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	N=0 Y=1	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	01/30 - Monthly	VI - VISUAL	19 - mg/L	01/30 - Monthly	GR - GRAB
84060	Oil and grease visual	1 - Effluent	0	--	Req Mon DAILY MX	9 - Conditional Monitoring - Not Required This Period	Req Mon DAILY MX	N=0 Y=1	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	160 DAILY MX	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	01/30 - Monthly	VI - VISUAL	19 - mg/L	01/30 - Monthly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No attachments

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusy Netz

E-Mail: melz@scogen.com

Date/Time:

2016-10-17 15:19 (Time Zone: -06:00)

DMR Copy of Record

Permit #: U70024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM
 External Outfall

Discharge: SUM-1
 THE SUM OF ALL OUTFALLS

Status: NetDMR Validated

Report Dates & Status
 Monitoring Period: From 09/10/16 to 09/30/16
 Considerations for Form Completion

DMR Due Date: 10/29/16

Principal Executive Officer: Gerald Hescall

Title: Plant Manager

Telephone: 435-898-4476

Code: Monitoring Location Season # Param. NODI
 70295 Solids, Total Dissolved 1 - Effluent, Gross 0

Sample Permit Fee Value NODI	Quarter 1 Value 1	Quarter 2 Value 2	Quantity or Loading Value 2	Units	Quarter 1 Value 1	Quarter 2 Value 2	Quarter 3 Value 3	# of Ex.	Frequency of Analysis	Sample Type
			2800 DAILY/LX	28 - tbd				01/30	Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.

Comments
 On 9/22/16 thru 9/23/16, the Sunnyside Facility (SCA) site received 5.8 inches of rain in a 24 hr. period. This rain event was greater than the 10yr/24hr. storm event and greater than the 100 yr. storm event. SCA misunderstood the language in its UPPDES permit and did not sample for all the parameters under Part 1.D.1. SCA only sampled for pH from 1x. 007 UPPDES discharge outfall. The language in SCA's permit states that during a storm event greater than the 10yr/24hr storm event the permittee may comply with pH only. But later, the permit language talks about the requirement to sample all parameters to substitute the pH only limitation. Even though pH is the only parameter used to determine compliance, the other parameter should be sampled for informational purposes. It must be noted that, during a storm event greater than the 10yr/24hr event, the only applicable limitation is pH. SCA sampled for pH and did not violate any water quality permit limits (per Mike Hershner). Mike Hershner of UDWQ was very helpful in clarifying the language in SCA's permit. SCA understands the mistake that was made and fully understands the requirement to sample in the future.

Attachments:
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Heitz
 E-Mail: meiz@sscogen.com

EnterTime: 2016-10-17 15:21 (Time Zone: -06:00)

November 7, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: November 2016, UPDES Compliance Report
October 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during October 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were discharges during the October 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: UT00247358
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 F. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 R. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: DC2
 External Outfall

Discharge: 002-A
 WATER SUPPLY DIS TO GRASSY CRK

Monitoring Period: From 10/01/16 to 10/31/16
 Considerations for Form Completion

Principal Executive Officer: Gerald
 First Name: Gerald
 Last Name: Hassall

Title: Plant Manager

Telephone: 435-888-4476

Form NODI: 11/28/16

DMR Due Date: 11/28/16

Status: NetDMR Validated

Code	Parameter Name	Monitoring Location	Season	Param	NODI	Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type					
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00056	Flow rate	1 - Effluent Gross	0			Sample	Permit Req. <=	1 300A AVG	Req Mon DAILY MX 03 - MGD	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0			Sample	Permit Req. <=	5 MGD AVG MN	5.5 MINIMUM	12 - SU	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										
00400	pH	1 - Effluent Gross	0			Sample	Permit Req. <=	1 DAILY MX	19 - mg/L	01/30 - Monthly	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										
01045	Iron, total (Fe Tot)	1 - Effluent Gross	0			Sample	Permit Req. <=	1 DAILY MX	19 - mg/L	01/30 - Monthly	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										
03592	Oil and grease	O - See Comments	0			Sample	Permit Req. <=	10 DAILY MX	19 - mg/L	01/30 - Monthly	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										
4561	Sanitary waste discharged-as-resermt	1 - Effluent Gross	0			Sample	Permit Req. <=	1650 DAILY MX	19 - mg/L	01/30 - Monthly	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										
70295	Solids, total dissolved	P - See Comments	0			Sample	Permit Req. <=	1650 DAILY MX	19 - mg/L	01/30 - Monthly	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
		Value NODI				Sample	C - No Discharge	C - No Discharge										

Submission Note
 If a parameter row does not contain any values for the sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
 Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-11-07 10:57 (Time Zone: -07:00)

DMR Copy of Record

Permit #: **UT0024759** Permittee: **SUNNYSIDE COGENERATION ASSOC.** Facility: **SUNNYSIDE COGENERATION ASSOC.**
 Major: **No** Permittee Address: **P. O. BOX 10 EAST CARBON, UT 84520** Facility Location: **P. O. BOX 10 EAST CARBON, UT 84520**

Permitted Feature: **003 External Outfall** Discharge: **003A WATER SUPPLY PIPELINE/GRASSY T**

Report Dates & Status: **From 10/01/16 to 10/31/16** DMR Due Date: **11/28/16** Status: **NetDMR Validated**

Monitoring Period: **From 10/01/16 to 10/31/16** Considerations for Form Completion

Principal Executive Officer: **Gerold Hascall** Title: **Plant Manager** Telephone: **435-898-4476**

First Name: **Gerold** Last Name: **Hascall** No Data Indicator (NODI): **--**

Code	Parameter Name	Monitoring Location	Season 9 Param NODI		Quantity of Loading		Quality of Concentration			# of Ex. Frequency of Analysis	Sample Type			
			Value 1	Value 2	Qualifier 1	Qualifier 2	Qualifier 1	Qualifier 2	Qualifier 3					
00056	Flow rate	1 - Effluent Gross	0	--	1 30DA AVG	Req Mon DAILY MX 03 - MGD	Units	Qualifier 1	Value 1	Qualifier 2	Qualifier 3	Units	07/30 - Monthly	MS - MEASRD
00000	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	Sample	Permit Req. Value NODI	5 MG AV/MN	C - No Discharge		19 - mg/L	07/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	Sample	Permit Req. Value NODI	6.5 MINIMUM	C - No Discharge			07/30 - Monthly	GR - GRAB
01046	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	Sample	Permit Req. Value NODI	1 DAILY MX	C - No Discharge		19 - mg/L	07/30 - Monthly	GR - GRAB
03892	Oil and grease	O - See Comments	0	--	Sample	Permit Req. Value NODI	Sample	Permit Req. Value NODI	10 DAILY MX	C - No Discharge		19 - mg/L	07/30 - Monthly	GR - GRAB
4514	Sanitary waste discharged-essent	1 - Effluent Gross	0	--	Req Mon DAILY MX SP - N-Q-Y=1	C - No Discharge							07/30 - Monthly	VI - VISUAL
70005	Solids, total dissolved	P - See Comments	0	--	1660 DAILY MX	19 - mg/L							07/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.

Comments
 Attachments: **No attachments.**
 Report Last Saved By: **SUNNYSIDE COGENERATION ASSOC.**
 User: **Sunnyside1** Date/Time: **2016-11-07 10:58 (Time Zone: -07:00)**
 Name: **Rusty Netz**
 E-Mail: **netz@sscogen.com**

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P O BOX 10
 P O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 007
 External Outfall

Discharge: 007A
 RAIL CUT POND, ICELANDER CREEK

Status: NetDMR Validated

Report Dates & Status: From 10/01/16 to 10/31/16

DMR Due Date: 11/28/16

Telephone: 435-888-4476

Monitoring Period: From 10/01/16 to 10/31/16

Plant Manager

Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTABLE SOLIDS WHEN APPROPRIATE

Principal Executive Officer: Gerald Hascall

First Name: Gerald
 Last Name: Hascall

Form NODI: No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param	NODI	Quantity of Loading		Quality of Concentration		# of Ex.	Frequency of Analysis	Sample Type	
						Value 1	Value 2	Value 1	Value 2				
00056	Flow rate	1 - Effluent Gross	0			1 30DA AVG C - No Discharge	Req Mon DAILY MX 93 - MGD C - No Discharge					01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0				5 MO AVMN C - No Discharge					01/30 - Monthly	GR - GRAB
00400	SH	1 - Effluent Gross	0				6.5 MINIMUM C - No Discharge					01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0			25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge					01/30 - Monthly	GR - GRAB
00545	Solids, settleable	0 - See Comments	0				5 DAILY MX C - No Discharge					01/30 - Monthly	GR - GRAB
01045	Iron, total (as Fe)	1 - Effluent Gross	0				1 DAILY MX C - No Discharge					01/30 - Monthly	GR - GRAB
03992	Oil and grease	0 - See Comments	0				10 DAILY MX C - No Discharge					01/30 - Monthly	GR - GRAB
48614	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0				Req Mon DAILY MX 9P - N=QY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0				1650 DAILY MX C - No Discharge					01/30 - Monthly	GR - GRAB
84066	Oil and grease visual	0 - See Comments	0				Req Mon DAILY MX 9P - N=QY=1 C - No Discharge					01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.

Comments
 Attachments
 No attachments
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Nelt
 E-Mail: metz@sscogen.com

Date/Time: 2016-11-07 10:59 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 008 External Outfall

Discharge:

008-A
 OLD COARSE REF POND ICELANDER

Report Dates & Status
 Monitoring Period: From 10/01/15 to 10/31/16

DMR Due Date:

11/28/16

Status:

NetDMR Validated

Considerations for Form Completion

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name: Gerald

Last Name: Hascall

Title: Plant Manager

Telephone:

435-888-4476

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00866	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	1 30DA AVG	Ren Mon DAILY MX 03 - MGD	C - No Discharge	<=	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 MO AVMIN	C - No Discharge	>=	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6.5 MINIMUM	C - No Discharge	>=	01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	25 30DA AVG	C - No Discharge	<=	01/30 - Monthly	GR - GRAB	
00545	Solids, settable	0 - See Comments	0	-	Sample Permit Req. Value NODI	35 MX 7D AV	C - No Discharge	<=	01/30 - Monthly	GR - GRAB	
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 DAILY MX	C - No Discharge	<=	01/30 - Monthly	GR - GRAB	
03622	Oil and grease	0 - See Comments	0	-	Sample Permit Req. Value NODI	1 DAILY MX	C - No Discharge	<=	01/30 - Monthly	GR - GRAB	
45914	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Ren Mon DAILY MX 9P - N=QY=1	C - No Discharge	<=	01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI	1650 DAILY MX	C - No Discharge	<=	01/30 - Monthly	GR - GRAB	
84066	Oil and grease visual	0 - See Comments	1	-	Sample Permit Req. Value NODI	0 DAILY MX	9P - N=QY=1	C - No Discharge	01/30 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample or Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Netz

E-Mail: metz@sscogen.com

Date/Time:

2016-11-07 10:59 (Time Zone: -07:00)

DMR Copy of Record

Permit #: **UT0024753** Permittee: **SUNNYSIDE COGENERATION ASSOC.** Facility: **SUNNYSIDE COGENERATION ASSOC.**
 Major: **N3** Permittee Address: **P. O BOX 10 EAST CARBON, UT 34520** Facility Location: **P. O. BOX 10 SUNNYSIDE, UT 84520**

Permitted Feature: **009 External Oil Trail** Discharge: **009-A PASTURE POND, ICELANDER CREEK**
 Report Dates & Status: **From 10/01/16 to 10/31/16** DMR Due Date: **11/28/16** Status: **NetDMR Validated**

Monitoring Period: **From 10/01/16 to 10/31/16**
 Considerations for Form Completion: **IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES. IDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.**
 Principal Executive Officer: **Garriid Hascall** Title: **Plant Manager** Telephone: **435-888-4476**
 First Name: **Garriid** Last Name: **Hascall**
 No Data Indicator (NOD): **---**

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Qualifier 1		Quantity or Loading		Quality or Concentration		Units	# of Exc.	Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2				
00059	Flow rate				Sample Permit Req. <=	1 30DA AVG	Req Mon DAILY MX 03 - MGD						01/30 - Monthly	M3 - WEASRD
00300	Oxygen, dissolved (DO)				Sample Permit Req. <=	C - No Discharge							01/30 - Monthly	GR - GRAB
00400	pH				Sample Permit Req. >=	6.5 MINIMUM							01/30 - Monthly	GR - GRAB
00500	Solids, total suspended				Sample Permit Req. <=	25 30DA AVG	C - No Discharge						01/30 - Monthly	GR - GRAB
00545	Solids, settleable				Sample Permit Req. <=	35 MX 7D AV	C - No Discharge						01/30 - Monthly	GR - GRAB
01045	Iron, total (as Fe)				Sample Permit Req. <=	1 DAILY MX	C - No Discharge						01/30 - Monthly	GF - GRAB
02582	Oil and grease				Sample Permit Req. <=	10 DAILY MX	19 - mg/L						01/30 - Monthly	GF - GRAB
45614	Sanitary waste discharge assessment				Sample Permit Req. <=	1 - Effluent Gross							01/30 - Monthly	VI - VISUAL
70295	Solids, total dissolved				Sample Permit Req. <=	1650 DAILY MX	19 - mg/L						01/30 - Monthly	GF - GRAB
84066	Oil and grease visual				Sample Permit Req. <=	0 DAILY MX	9P - N=QY=1						01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By: **SUNNYSIDE COGENERATION ASSOC.**
 User: **Sunnystel** Date/Time: **2016-11-07 11:00 (Time Zone: -07:00)**
 Name: **Rusly Natz**
 E-Mail: **metz@sscogen.com**

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012 External Outfall

Discharge:

012-A
 COARSE REF TOE POND, ICELANDER

Report Dates & Status
 Monitoring Period: From 10/01/16 to 10/31/16

DMR Due Date:

11/28/16

Status:

NEIDMR Validated

Considerations for Form Completion

IF AN O & G-SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THISSHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer

First Name:

Gerald

Title: Plant Manager

Telephone:

435-888-4476

Last Name:

Hascall

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 2	Value 3			
00256	Flow rate				Sample Permit Req. <=	130DA AVG		Req Mon DAILY MX 03 - MGD					0120 - Monthly	MS - MEASRD
					Value NODI	C - No Discharge		C - No Discharge						
00300	Oxygen, dissolved [DO]				Sample Permit Req. >=	5 MD AV MIN		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
00400	pH				Sample Permit Req. >=	6.5 MINIMUM		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
00530	Solids, total suspended				Sample Permit Req. <=	25 SDA AVG		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
00545	Solids, settleable				Sample Permit Req. <=	35 KXTD AV		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
01045	Iron, total [as Fe]				Sample Permit Req. <=	1 DAILY MX		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
02562	Oil and grease				Sample Permit Req. <=	10 DAILY MX		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
45914	Sanitary waste discharge-assessment				Sample Permit Req. <=	Req Mon DAILY MX 9P - N=QY=1		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
70235	Solids, total dissolved				Sample Permit Req. <=	18SD DAILY MX		C - No Discharge					0120 - Monthly	GR - GRAB
					Value NODI	C - No Discharge		C - No Discharge						
84056	Oil and grease visual				Sample Permit Req. <=	0 DAILY MX		C - No Discharge					0120 - Monthly	VI - VISUAL
					Value NODI	C - No Discharge		C - No Discharge						

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusly Netz
 E-Mail: metz@sscoegen.com

Date/Time:

2016-11-07 11:01 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC,
 P O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC,
 P O BOX 10
 P O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: C13
 External Outfall

Discharge:

013-A
 FACILITY SED POND, CELANDER C

Report Dates & Status: From 10/01/16 to 10/31/16
 Monitoring Period:
 Considerations for Form Completion

DMR Due Date:

11/28/16

Status:

NeDMR Validated

Principal Executive Officer: Gerald
 First Name: Hascall
 Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of EA	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1				Qualifier 2	Value 2
00056	Flowrate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	1 30DA AVG	Req Mon DAL Y MX 03 - MGD	C - No Discharge	>=	5 DAILY MIN	15 30DA AVG	100 DAILY MX	19 - mg/L	01/20 - Monthly	MS - MEASRD
00090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	25 30DA AVG	C - No Discharge	<=	6.6 MINIMUM	35 MX 7D AV	20 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	>=	Req Mon DAL Y MX sp - N=0 Y=1	C - No Discharge	<=	9 MAXIMUM	15 30DA AVG	100 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB
00500	Sludge, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	Req Mon DAL Y MX sp - N=0 Y=1	C - No Discharge	<=	C - No Discharge	15 30DA AVG	100 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	Req Mon DAL Y MX sp - N=0 Y=1	C - No Discharge	<=	15 30DA AVG	15 30DA AVG	20 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB
4514	Sanitary waste discharge-cassassant	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	Req Mon DAL Y MX sp - N=0 Y=1	C - No Discharge	<=	15 30DA AVG	15 30DA AVG	20 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB
70026	Sludge, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	Req Mon DAL Y MX sp - N=0 Y=1	C - No Discharge	<=	15 30DA AVG	15 30DA AVG	20 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB
84058	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	Req Mon DAL Y MX sp - N=0 Y=1	C - No Discharge	<=	15 30DA AVG	15 30DA AVG	20 DAILY MX	19 - mg/L	01/20 - Monthly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunny.stde1

Name: Rusty Netz

E-Mail: metz@sscogen.com

Date/Time:

2016-11-07 11:02 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
Major: No
Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10 EAST CARBON, UT 84520
Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10 P. O BOX 10 SUNNYSIDE, UT 84520

Permitted Feature: 014 External Outfall
Discharge: 014-A ICELANDER CREEK
Report Dates & Status: Monitoring Period: From 10/01/16 to 10/31/16
DMR Due Date: 11/28/16
Status: NETDMR Validated
Considerations for Form Completion:

Principal Executive Officer: Gerald Hascall
First Name: Gerald
Last Name: Hascall
Title: Plant Manager
Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3				
00058	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD	C - No Discharge	>=	5 DAILY MN C - No Discharge	19 - mg/L	0130 - Monthly	GR - GRAB	
00080	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	50 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	9 MAXIMUM C - No Discharge	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		
02582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		
4591	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		
84050	Oil and grease, visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 30DA AVG C - No Discharge	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L	20 DAILY MX 19 - mg/L	19 - mg/L	0130 - Monthly	GR - GRAB		

Submission Note: If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors: No errors.
Comments:

Attachments: No attachments.
Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rudy Nelz
E-Mail: metz@sscogen.com
Date/Time: 2016-11-07 11:03 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024755 Permittee: SUNNYSIDE COGENERATION ASSOC.
 Major: Nc Permittee Address: P. O BOX 10 EAST CARBON, UT 84520
 Facility: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10 EAST CARBON, UT 84520

Permitted Feature: 015 Discharge: 016-A BORROW AREA POND/CELANDER CK
 External Oil/Tail

Report Dates & Status: Monitoring Period: From 10/01/16 to 10/31/16 DMR Due Date: 11/28/16 Status: NetDMR Validated

Principal Executive Officer: Gerald Title: Plant Manager Telephone: 435-888-4476

First Name: Gerald Last Name: Hascall

No Data Indicator (NODI) Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality of Concentration		# of Ex.	Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3
00258	Flow rate	1 - Effluent Gross	0		Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MAX 03 - MGD C - No Discharge	5 MC AVMIN C - No Discharge	6 S MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 LHX TD AV C - No Discharge	70 DAILY MAX C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	0130 - Monthly	ME - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0		Sample Permit Req. Value NODI	5 MC AVMIN C - No Discharge	6 S MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 LHX TD AV C - No Discharge	70 DAILY MAX C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	0130 - Monthly	GF - GRAB		
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NODI	5 MC AVMIN C - No Discharge	6 S MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 LHX TD AV C - No Discharge	70 DAILY MAX C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	0130 - Monthly	GF - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI	5 MC AVMIN C - No Discharge	6 S MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 LHX TD AV C - No Discharge	70 DAILY MAX C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	0130 - Monthly	GF - GRAB		
00545	Solids, settleable	Q - See Comments	0		Sample Permit Req. Value NODI	5 DAILY MAX C - No Discharge	25 - mg/L								0130 - Monthly	GF - GRAB
01045	Iron total (as Fe)	1 - Effluent Gross	0		Sample Permit Req. Value NODI	1 DAILY MAX C - No Discharge	19 - mg/L								0130 - Monthly	GF - GRAB
03585	Oil and grease	O - See Comments	0		Sample Permit Req. Value NODI	10 DAILY MAX C - No Discharge	19 - mg/L								0130 - Monthly	GF - GRAB
45614	Sanitary waste discharge-assessment	1 - Effluent Gross	0		Sample Permit Req. Value NODI	Req Mon DAILY MAX 9P - N=QY=1 C - No Discharge									0130 - Monthly	VI - VISUAL
70255	Solids, total dissolved	P - See Comments	0		Sample Permit Req. Value NODI	1550 DAILY MAX C - No Discharge	19 - mg/L								0130 - Monthly	GF - GRAB
84085	Oil and grease visual	O - See Comments	0		Sample Permit Req. Value NODI	0 DAILY MAX C - No Discharge	9P - N=QY=1								0130 - Monthly	GF - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: SunnyShel1
 Name: Rusty Nailz
 E-Mail: metz@sscogen.com

Date/Time: 2016-11-07 11:03 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee Address:
 SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility Location:
 SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility:
 SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Telephone:
 435-888-4476

Permitted Feature: 017 External Outfall
 Report Dates & Status: From 10/01/16 to 10/31/16
 Monitoring Period: From 10/01/16 to 10/31/16
 Considerations for Form Completion

Discharge: 017-A PHASE II LANDFILL SED POND/DICE
 DMR Due Date: 11/28/16

Status: NetDMR Validated

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)

Title: Plant Manager

Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1		Quantity or Loading		Qualifier 1		Quantity or Concentration		Qualifier 3		Units	# of Ex. Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2	Value 1	Value 2	Value 1	Value 2					
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG	Req Mon DAILY MX	03 - MGD	>=	5 DAILY MIN	35 MX 7D AV	100 DAILY MX	19 - mg/L	01/30 - Monthly	MS - MEASRD		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge	>=	S 5 MINIMUM	C - No Discharge	03 30DA AVG	03 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge	>=	0.5 MINIMUM	C - No Discharge	03 30DA AVG	03 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	25 30DA AVG	Req Mon DAILY MX	03 - MGD	<=	35 MX 7D AV	C - No Discharge	100 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge	<=	0.03 30DA AVG	C - No Discharge	03 30DA AVG	03 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge	<=	3 30DA AVG	C - No Discharge	03 30DA AVG	03 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
03592	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge	<=	15 30DA AVG	C - No Discharge	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB			
45614	Sanitary waste discharged-assessmt	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX	03 - MGD	<=	C - No Discharge	C - No Discharge	20 DAILY MX	19 - mg/L	01/30 - Monthly	VI - VISUAL			
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge	<=	1650 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	01/30 - Monthly	GR - GRAB			
84068	Oil and grease Visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX	03 - MGD	<=	C - No Discharge	C - No Discharge	20 DAILY MX	19 - mg/L	01/30 - Monthly	VI - VISUAL			

Submission Note
 If a parameter row does not contain any values for the Sample or Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 Attachments:
 No attachments
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-11-07 11:04 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 018
 External Outfall

Discharge:

018-A
 Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status
 Monitoring Period: From 10/01/16 to 10/31/16
 Considerations for Form Completion

DMR Due Date:

11/28/13

Status:

NEIDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hassall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)

Farm NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2					Qualifier 3
00055	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	<=	5 DAILY MN C - No Discharge	35 7 DA AVG C - No Discharge	100 DAILY MX 19 - mg/L C - No Discharge	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	>=	0.3 7 DA AVG C - No Discharge	0.3 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	>=	0.3 DAILY MX 19 - mg/L C - No Discharge	0.3 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
00550	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
01004	Chromium, total [as Cr]	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	0.3 7 DA AVG C - No Discharge	0.3 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
01084	Zinc, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	3 30DA AVG C - No Discharge	3 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
00992	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
4584	Sanitary waste discharged assessment	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	Req Mon DAILY MX 99 - N=QY*1 C - No Discharge	<=	1650 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL		
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	Req Mon DAILY MX 99 - N=QY*1 C - No Discharge	<=	1650 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB		
84096	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NODI	Req Mon DAILY MX 99 - N=QY*1 C - No Discharge	<=	1650 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL		

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.
 Comments

Attachments

No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunydsd1
 Name: Rusty Netz
 E-Mail: meliz@seccogen.com

Date/Time:

2016-11-07 11:05 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: UTO024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM
 External Outfall

Discharge: SUM-A
 THE SUM OF ALL OUTFALLS

Report Dates & Status
 Monitoring Period: From 10/01/16 to 10/31/16
 Considerations for Form Completion

DMR Due Date: 11/28/16

Status: NetDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)

Form NODI:

Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration			# of EA	Frequency of Analysis	Sample Type
				Qualifier 1 Value	Qualifier 2 Value	Qualifier 3 Value	Qualifier 1 Value	Qualifier 2 Value	Qualifier 3 Value			
70295 Solids, lbs dissolved	1 - Effluent Gross	0		<=	2000 DAILY MX	26 - lbd				01/30 - Monthly	GR - GRAB	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

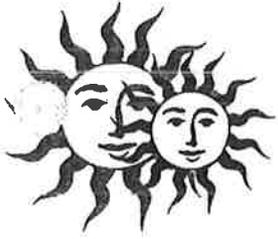
No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Natz
 E-Mail: metz@sscogen.com

Date/Time:

2016-11-07 11:05 (Time Zone: -07:00)



Sunnyside Cogeneration Associates

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

December 8, 2016

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: December 2016, UPDES Compliance Report
November 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during November 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were discharges during the November 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002
 External Outfall

Discharge: 002-A
 WATER SUPPLY DIS TO GRASSY CRK

Report Dates & Status
 Monitoring Period: From 11/01/16 to 11/30/16
 Considerations for Form Completion

DMR Due Date: 12/28/16

Status: NEDMR Validated

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascell

Title: Plant Manager

Telephone: 435-988-4476

No Data Indicator (NODI)
 Form NODI: -

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading			Quality of Concentration			# of ECs	Frequency of Analysis	Sample Type
					Quantity 1	Value 1	Qualifier 1	Quantity 2	Value 2	Qualifier 2			
00095	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	5 MO AVMN	9 MAXIMUM	12 - SU	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5 S MINIMUM	C - No Discharge	1 DAILY MX	19 - mg/L	10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
02992	Oil and grease	0 - See Comments	0	-	Sample Permit Req. Value NODI	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
70295	Solids, total suspended	P - See Comments	0	-	Sample Permit Req. Value NODI	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	150 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-12-08 10:16 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
Major: No
Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P O BOX 10
 EAST CARBON, UT 84520
Facility: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 003 External Outfall
Discharge: 003JA WATER SUPPLY PIPELINE/GRASSY T
Report Dates & Status: From 11/01/16 to 11/30/16
Monitoring Period: From 11/01/16 to 11/30/16
DMR Due Date: 12/28/16
Status: NetDMR Validated
Considerations for Form Completion:

Principal Executive Officer: Gerald
First Name: Gerald
Last Name: Hascall
Title: Plant Manager
Telephone: 435-888-4476

Form NODI: --
Monitoring Location Season & Permit NODI:

Code	Parameter Name	Monitoring Location Season & Permit NODI		Quantity or Loading		Quality of Concentration			# of Ex.	Frequency of Analysis	Sample Type
		Value 1	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00056	Flow rate	1 - Effluent Gross	0	1	30DA AVG	C - No Discharge	Req Mon DAILY MX 03 - MGD	5 MO AVG MN	19 - mg/L	01/30 - Monthly	MS - MEASRD
00200	Oxygen, dissolved [DO]	1 - Effluent Gross	0	1							GR - GRAB
00400	pH	1 - Effluent Gross	0	1							GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	1							GR - GRAB
02892	Oil and grease	0 - See Comments	0	0							GR - GRAB
456	Sanitary waste discharged-assessment	1 - Effluent Gross	0	1							VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	0							GR - GRAB

Submission Note
 If a parameter row does not contain any values for the sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
Comments
 No attachments.
Attachments
 Report Last Saved By:
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnys det1
 Name: Rusly Neltz
 E-Mail: metr@sscogen.com
 Date/Time: 2016-12-08 10:18 (Time Zone: -07:00)

DMR Copy of Record

Permit #: U10024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permit Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 007
 External Outfall

Discharge: 007-A
 RAIL CUT POND, ICELANDER CREEK

Report Dates & Status: From 1/10/16 to 1/13/16

DMR Due Date: 12/28/16

Status: NetDMR Validated

Monitoring Period: From 1/10/16 to 1/13/16

Principal Executive Officer: Gerald
 First Name: Hascall
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

Form NODI: --

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity		Quantity or Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1				
0066	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MAX 03 - MG/D C - No Discharge	>=	5 MO AV MN C - No Discharge	<=	19 - mg/L	01/30 - Monthly	MS - WEASRD	
0030	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	6.5 MINIMUM C - No Discharge	>=	9 MAXIMUM C - No Discharge	12 - SU	<=	01/30 - Monthly	GR - GRAB		
0040	pH	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	25 30DA AVG C - No Discharge	<=	35 MX 7D AV C - No Discharge	19 - mg/L	<=	01/30 - Monthly	GR - GRAB		
0030	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	5 DAILY MAX C - No Discharge	<=	25 - mL/L	01/30 - Monthly	GR - GRAB				
0054	Solids, settable	0 - See Comments	0	--	Sample Permit Req. <= Value NODI	1 DAILY MAX C - No Discharge	<=	19 - mg/L	01/30 - Monthly	GR - GRAB				
0104	Iron, total [Fe Fd]	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	10 DAILY MAX C - No Discharge	<=	19 - mg/L	01/30 - Monthly	GR - GRAB				
0056	Oil and grease	0 - See Comments	0	--	Sample Permit Req. <= Value NODI	1650 DAILY MAX C - No Discharge	<=	19 - mg/L	01/30 - Monthly	VI - VISUAL				
4594	Sanitary waste discharge-assessment	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MAX 9P - N=QY=1 C - No Discharge	<=	1650 DAILY MAX C - No Discharge	19 - mg/L	<=	01/30 - Monthly	GR - GRAB		
7026	Solids, total dissolved	P - See Comments	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MAX 9P - N=QY=1 C - No Discharge	<=	1650 DAILY MAX C - No Discharge	19 - mg/L	<=	01/30 - Monthly	VI - VISUAL		
8466	Oil and grease visual	0 - See Comments	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MAX 9P - N=QY=1 C - No Discharge	<=	1650 DAILY MAX C - No Discharge	19 - mg/L	<=	01/30 - Monthly	VI - VISUAL		

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: meiz@sscogen.com

Date/Time: 2016-12-08 10:18 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024739
 Major: No

Permittee:
 Permittee Address:

SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:

SUNNYSIDE CONGENERATION ASSOC.
 P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 028
 External Cutoff

Discharge:

008-A
 OLD COARSE REF AND ICELANDER

Report Dates & Status
 Monitoring Period: From 11/16/15 to 11/30/16

DMR Due Date:

12/28/16

Status:

NetDMR Validated

IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall
 No Data Indicator (NODI)
 Form NODI: --

Title:

Plant Manager

Telephone:

435-888-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity of Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1	Value 1
00056	Flow rate	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	5 MGD AV MN C - No Discharge	35 MX 7D AV C - No Discharge	7D DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	5 MGD AV MN C - No Discharge	9 MAXIMUM C - No Discharge	12 -SU	7D DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	6.5 MINIMUM C - No Discharge	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	7D DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	GR - GRAB	
00500	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	25 30DA AVG C - No Discharge	35 MX 7D AV C - No Discharge	7D DAILY MX 19 -mg/L C - No Discharge	7D DAILY MX 25 -m/L C - No Discharge	25 -m/L	01/30 - Monthly	GR - GRAB	
01045	Iron, total (as Fe)	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	1 DAILY MX 19 -mg/L C - No Discharge	10 DAILY MX 19 -mg/L C - No Discharge	10 DAILY MX 19 -mg/L C - No Discharge	1 DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	GR - GRAB	
03692	Oil and grease	0 - See Comments	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MX gp - N=OY=1 C - No Discharge	0 DAILY MX 9P - N=OY=1 C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	VA - VISUAL	
45914	Sewage discharged	1 - Effluent Gross	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MX gp - N=OY=1 C - No Discharge	0 DAILY MX 9P - N=OY=1 C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	VA - VISUAL	
70295	Solids, total dissolved	P - See Comments	0	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MX gp - N=OY=1 C - No Discharge	0 DAILY MX 9P - N=OY=1 C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	GR - GRAB	
84066	Oil and grease Visual	0 - See Comments	1	--	Sample Permit Req. <= Value NODI	Req Mon DAILY MX gp - N=OY=1 C - No Discharge	0 DAILY MX 9P - N=OY=1 C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	1880 DAILY MX 19 -mg/L C - No Discharge	19 -mg/L	01/30 - Monthly	VA - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-12-08 10:19 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 009 External Outfall

Discharge: 009-A PASTURE POND, ICELANDER CREEK

Report Dates & Status: From 11/01/16 to 11/30/16

DMR Due Date: 12/28/16

Status: NEDMR Validated

Monitoring Period: Considerations for Form Completion: IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer: Gerald Hascall

Title: Plant Manager

Telephone: 435-988-4476

No Data Indicator (NODI):

Code	Parameter Name	Monitoring Location	Season	# Perm. NODI	Quantity or Loading		Quality or Concentration			# of Exc.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3
00065	Flow rate	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	1 30DA AVG C - No Discharge	Req Mon DAILY MX CO - MGD C - No Discharge	>=	5 MO AV MN C - No Discharge	<=	35 MX70 AV C - No Discharge	<=	70 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00090	Oxygen, dissolved [DO]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM 12 - SU C - No Discharge	<=	5 DAILY MX 25 - r/L C - No Discharge	<=	1 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00040	pH	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	25 30DA AVG C - No Discharge	<=	35 MX70 AV C - No Discharge	<=	10 DAILY MX 19 - mg/L C - No Discharge	<=	10 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00030	Solids, total suspended	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=	Req Mon DAILY MX 9P - N=Q,Y=1 C - No Discharge	<=	35 MX70 AV C - No Discharge	<=	1850 DAILY MX 19 - mg/L C - No Discharge	<=	1850 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL
00045	Solids, settleable	0 - Sew Comments	0	0	Sample Permit Req. Value NODI	<=										GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=										GR - GRAB
00050	Oil and grease	0 - Sew Comments	0	0	Sample Permit Req. Value NODI	<=										GR - GRAB
45614	Sanitary waste discharged-assessment	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	<=										VI - VISUAL
70225	Solids, total suspended	0 - Sew Comments	0	0	Sample Permit Req. Value NODI	<=										GR - GRAB
84065	Oil and grease visual	0 - Sew Comments	0	0	Sample Permit Req. Value NODI	<=										VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edk Check Errors
 No errors.
Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogcn.com

Date/Time:

2016-12-08 10:20 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024753
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 34520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 0-2 External (Jail)

Discharge: 012-A COARSE REF TOE POND, ICELANDER

Report Dates & Status: From 11/01/16 to 11/30/16

DMR Due Date: 12/28/16

Status: NetDMR Validated

Monitoring Period: Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THISSHALL NOT EXCEED 10 MG/L SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS USE NA FOR SETTLEABLE SOLIDS WHEN APPROPRIATE

Principal Executive Officer: Garaid Hascall
 Title: Plant Manager
 Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quarter 1		Quarter 2		Units	Quarter 1		Quarter 2		Quarter 3		# of Ex. Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2		Value 1	Value 2	Value 1	Value 2				
00955	Flow rate	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	1300A AVG	Req Mon DAILY MX	03 - MGD		5 MO AV MN		35 MX TD AV		9 MAXIMUM	12 - SU	01/30 - Monthly	MS - MERSRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	C - No Discharge	C - No Discharge		>=	C - No Discharge		C - No Discharge		C - No Discharge		01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI				>=	6.5 MINIMUM		70 DAILY MX		70 DAILY MX		01/30 - Monthly	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI				<=	25 30DA AVG		C - No Discharge		C - No Discharge		01/30 - Monthly	GR - GRAB
00545	Solids, settleable	0 - See Comments	0	0	Sample Permit Req. Value NODI				<=	5 DAILY MX		25 - mL/L		5 DAILY MX		01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI				<=	1 DAILY MX		19 - mg/L		1 DAILY MX		01/30 - Monthly	GR - GRAB
03582	Oil and grease	0 - See Comments	0	0	Sample Permit Req. Value NODI				<=	10 DAILY MX		19 - mg/L		10 DAILY MX		01/30 - Monthly	GR - GRAB
4501	Stringy waste discharged - suspended	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI				<=	Ratio DAILY MX		9P - N=QY=1		Ratio DAILY MX		01/30 - Monthly	GR - GRAB
70295	Solids, total dissolved	P - See Comments	0	0	Sample Permit Req. Value NODI				<=	1690 DAILY MX		19 - mg/L		1690 DAILY MX		01/30 - Monthly	GR - GRAB
84008	Oil and grease visual	0 - See Comments	0	0	Sample Permit Req. Value NODI				<=	0 DAILY MX		C - No Discharge		0 DAILY MX		01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusy Netz
 E-Mail: metz@sscogen.com

Date/Time: 2016-12-08 10:21 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 013
 External Outfall

Discharge: 013-A
 FACILITY SED POND/CELANDER C

Report Dates & Status: From 11/01/15 to 11/30/16
 Monitoring Period: From 11/01/15 to 11/30/16
 Considerations for Form Completion

DMR Due Date: 12/28/16
 Status: NEEDMR Validated

Principal Executive Officer: Gerald
 First Name: Hascall
 Last Name: Hascall

Title: Plant Manager
 Telephone: 435-588-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location Season # Param. NODI	Qualifier 1		Qualifier 2		Qualifier 3			Units	# of Est. Frequency of Analysis	Sample Type
			Value 1	Quantity or Loading	Value 1	Quantity or Loading	Value 1	Value 2	Value 3			
00056	Flowrate	1 - Effluent Gross	0	1 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	>=	5 DAILY MIN C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	>=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	6.5 MINIMUM C - No Discharge	<=	35 MX 7D AV C - No Discharge	100 DAILY MX 19 - mg/L C - No Discharge	12 - SU	01/30 - Monthly GR - GRAB
00400	pH	1 - Effluent Gross	0	<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	25 30DA AVG C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
00350	Solids, total suspended	1 - Effluent Gross	0	<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	35 MX 7D AV C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
00502	Oil and grease	1 - Effluent Gross	0	<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	35 MX 7D AV C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
45614	Sanitary waste discharge-assessment	1 - Effluent Gross	0	<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	35 MX 7D AV C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
70295	Solids, total dissolved	1 - Effluent Gross	0	<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	35 MX 7D AV C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
84006	Oil and grease, visual	1 - Effluent Gross	0	<=	Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	<=	35 MX 7D AV C - No Discharge	<=	15 30DA AVG C - No Discharge	20 DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusy Netz
 E-Mail: metz@sscoogen.com

Date/Time: 2016-12-08 10:22 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 014
 External Outfall

Discharge: 014-A
 KELLANDER CREEK

Report Dates & Status
 Monitoring Period: From 11/01/16 to 11/30/16

DMR Due Date: 12/28/16

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00056	Flow rate	1 - Effluent Gross	0	-	Sample	1 30DA AVG	Req Mon DAILY MX 03 - MGD	<=	5 DAILY MIN	25 30DA AVG	<=	35 MX 7D AV	<=	50 DAILY MX	19 - mg/L	01/30 - Monthly	MS - MEASRD
		Permit Req. Value NODI				C - No Discharge											
00090	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample			>=	6.5 MINIMUM	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															
00100	pH	1 - Effluent Gross	0	-	Sample			>=	9 MAXIMUM	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample			<=	15 30DA AVG	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															
03982	Oil and grease	1 - Effluent Gross	0	-	Sample			<=	15 30DA AVG	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															
45614	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample			<=	15 30DA AVG	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample			<=	15 30DA AVG	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample			<=	15 30DA AVG	15 30DA AVG	<=	20 DAILY MX	<=	20 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRA8
		Permit Req. Value NODI															

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sumyice1

Name: Rusty Metz

E-Mail: metz@sscogen.com

Date/Time:

2016-12-08 10:23 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: UTR024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Features: 016
 External Outfall

Discharge: 016-A
 BORROW/AREA POND/CELANDER CK

Report Dates & Status: From 11/01/16 to 11/30/16

DMR Due Date: 12/28/16

Status: NetDMR Validated

Monitoring Period: From 11/01/16 to 11/30/16

Principal Executive Officer: Gerald Hascall

Title: Plant Manager

Telephone: 435-889-4476

No Data Indicator (NOD):

Code	Parameter (Name)	Monitoring Location	Season	Param. NOD1	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2			Qualifier 3
00055	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	1 30DA AVG	C - No Discharge	5 MO AVG/MN	19 - mg/L	01/30 - Monthly	MS - WEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	5 MO AVG/MN	C - No Discharge	9 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	6 5 MINIMUM	C - No Discharge	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00630	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	25 30DA AVG	C - No Discharge	35 MX 7D AV	19 - mg/L	01/30 - Monthly	GR - GRAB
00645	Solids, settleable	0 - See Comments	0	-	Sample Permit Req. Value NOD1	5 DAILY MX	C - No Discharge	5 DAILY MX	25 - mL/L	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	1 DAILY MX	C - No Discharge	1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
03592	Oil and grease	0 - See Comments	0	-	Sample Permit Req. Value NOD1	10 DAILY MX	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
4561	Sanitary waste discharged-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD1	Req Mon DAILY MX 9P - N=QY=1	C - No Discharge	1690 DAILY MX	19 - mg/L	01/30 - Monthly	VI - VISUAL
70295	Solids, tot. dissolved	P - See Comments	0	-	Sample Permit Req. Value NOD1	0 DAILY MX	9P - N=QY=1	1690 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
84066	Oil and grease visual	0 - See Comments	0	-	Sample Permit Req. Value NOD1	C - No Discharge	C - No Discharge	1690 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: SunnySide1
 Name: Rusty Netz
 E-Mail: netz@sscogen.com

Date/Time: 2016-12-08 10:24 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024739 **Permittee:** SUNNYSIDE COGENERATION ASSOC.
Major: No **Permittee Address:** P. O BOX 10
 EAST CARBON, UT 34520
Facility: SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520
Permitted Feature: 017 External Oilfall **Discharge:** 017-A PHASE II LANDFILL SED POND/ICE
Report Dates & Status: From 11/01/16 to 11/30/16 **DMR Due Date:** 12/29/16 **Status:** NetDMR Validated
Monitoring Period: From 11/01/16 to 11/30/16
Considerations for Form Completion:

Principal Executive Officer: Gerald Hascall **Title:** Plant Manager **Telephone:** 435-888-4476
First Name: Gerald **Last Name:** Hascall
No Data Indicator (NOD): Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quarter 1		Quantity or Loading		Units	Quarter 1		Quantity or Concentration		Quarter 2	Quarter 2		Quarter 3	Value 3	Units	# of Est. Frequency of Analysis	Sample Type
					Value 1	Value 2	Value 1	Value 2		Value 1	Value 2	Value 1	Value 2								
00265	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1 300A AVG C - No Discharge	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	5 DAILY MIN C - No Discharge	25 300A AVG C - No Discharge	35 MX 7D AV C - No Discharge	100 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	MS - MESSRD					
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	6.6 MINIMUM C - No Discharge	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	G3 - GRAB										
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	25 300A AVG C - No Discharge	100 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	G3 - GRAB										
00350	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	0.3 300A AVG C - No Discharge	0.3 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB										
01034	Chlorine, total [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	3 300A AVG C - No Discharge	3 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB										
01062	Zinc, total [as Zn]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	15 300A AVG C - No Discharge	20 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB										
00362	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	1690 DAILY MX C - No Discharge	1690 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB										
45614	Sanitary waste discharge assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=Q,Y=1	C - No Discharge			01/30 - Monthly	V1 - VISUAL										
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=Q,Y=1	C - No Discharge			01/30 - Monthly	GR - GRAB										
8466	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX 9P - N=Q,Y=1	C - No Discharge			01/30 - Monthly	V1 - VISUAL										

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
Edit Check Errors
 No errors.
Comments

Attachments
 No attachments
Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
User: Sunnys de1
Name: Rusly Neltz
E-Mail: melz@sscogen.com

Date/Time: 2016-12-08 10:25 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 EAST CARBON, UT 84520

Permitted Feature: 019 External Outfall

Discharge: 019-A Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status: Monitoring Period: From 11/01/16 to 11/30/16
 Considerations for Form Completion

DMR Due Date: 12/28/16

Status: NEDMR Validated

Principal Executive Officer: Gerald Hascall
 First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-889-4476

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity of Loading		Quality or Concentration			# of Est. Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			Value 3
00095	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1-30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge				01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			>=	5 DAILY MN C - No Discharge		01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			>=	6.5 DAILY MN C - No Discharge		01/30 - Monthly	GR - GRAB
00500	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	25 30DA AVG C - No Discharge		01/30 - Monthly	GR - GRAB
01034	Chromium, total [Cr]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	0.03 7 DA AVG C - No Discharge		01/30 - Monthly	GR - GRAB
01094	Zinc, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	3.90DA AVG C - No Discharge		01/30 - Monthly	GR - GRAB
03505	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	15 30DA AVG C - No Discharge		01/30 - Monthly	GR - GRAB
45614	Sanitary waste discharge-assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	01/30 - Monthly	V1 - VISUAL
70295	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	01/30 - Monthly	GR - GRAB
84085	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon DAILY MX 9P - N=QY=1 C - No Discharge	01/30 - Monthly	V1 - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.
 Edit Check Errors
 No errors.
 Comments

Attachments
 No attachments.
 Report Last Saved By: SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusy Netz
 E-Mail: mebr@sscoggen.com

Date/Time: 2016-12-08 10:25 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: UT0024759
 Major: HC

Permittee: SUNNYSIDE COGENERATION ASSOC.
 Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM

External Outfall

Discharge:

SUM-A
 THE SUM OF ALL OUTFALLS

Report Dates & Status

Monitoring Period: From 11/01/16 to 11/30/16

DMR Due Date:

12/28/16

Status:

NeDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Gerald

Last Name: Hascall

Title:

Plant Manager

Telephone:

435-888-4476

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI
70295	Solids, total dissolved	1 - Effluent Grass	0	

Sample Permit Recd. Value NODI

Quantity of Loading
 Quotient 1 Value 1 Quotient 2 Value 2
 2000 D.M. V. MAX 28 - lpd
 C - No Discharge

Quality or Concentration
 Quotient 1 Value 1 Quotient 2 Value 2 Quotient 3 Value 3
 Units

of Ex. Frequency of Analysis Sample Type
 01/30 - Monthly GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunmydel1

Name: Rusty Netz

E-Mail: mnetz@sscogen.com

Date/Time:

2016-12-08 10:26 : Time Zone: -07:00

January 20, 2017

Mike Herkimer
Division of Water Quality
195 North 1950 West
Salt Lake City, Utah 84116

RE: January 2017, UPDES Compliance Report
December 2016, Monitoring Period
UPDES Permit No. UT0024759
Discharge Monitoring Report
Sunnyside Cogeneration Associates

Dear Mr. Herkimer:

This letter summarizes the UPDES-Permit field activities at the Sunnyside Cogeneration Facility during December 2016. Rusty Netz, the Plant Engineer for the facility, has physically inspected the permit outfalls in accordance with the UPDES permit guidelines.

There were discharges during the December 2016, monitoring period. Attached are the Discharge Monitoring Report Forms (EPA No. 3320-1).

If you have any questions concerning this report, please contact Rusty Netz or myself at (435) 888-4476.

Thank You,

Gerald Hascall
Agent for
Sunnyside Cogeneration Associates

Cc: Rusty Netz
Plant Files

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10
 P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 002
 External Outfall

Discharge: 002-A
 WATER SUPPLY DIS TO GRASSY CRK

Report Dates & Status
 Monitoring Period: From 12/01/16 to 12/31/16
 Considerations for Form Completion

Status: NetDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

Title: Plant Manager

Telephone: 435-888-4476

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Fazam	NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	-	-	Sample	1.30DA AVG	Req Mon DAILY MX 03 - MGD										0100	Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	-	Permit Req. Value NODI		C - No Discharge				5 MO AVMN					19 - mg/L	0100	Monthly	GR - GRAB
00340	pH	- Effluent Gross	0	-	-	Permit Req. Value NODI		C - No Discharge				6.5 MINIMUM					12 - SU	0100	Monthly	GR - GRAB
01045	Iron, total [as Fe]	- - Effluent Gross	0	-	-	Permit Req. Value NODI		C - No Discharge										0100	Monthly	GR - GRAB
03982	Oil and grease	0 - See Comments	0	-	-	Permit Req. Value NODI		C - No Discharge										0100	Monthly	GR - GRAB
45614	Sanitary waste discharged-amount	- - Effluent Gross	0	-	-	Permit Req. Value NODI		C - No Discharge										0100	Monthly	GR - GRAB
70295	Solids, total dissolved	P - See Comments	0	-	-	Permit Req. Value NODI		C - No Discharge										0100	Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Neiz
 E-Mail: meiz@sscogen.com

Date/Time:

2017-01-20 09:16 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE CONGENERATION ASSOC.
 P. O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature:
 003 External Outfall
 Discharge: 003-A WATER SUPPLY PIPELINE/GRASSY T

Report Dates & Status
 Monitoring Period: From 12/01/16 to 12/31/16
 Considerations for Form Completion: NetDMR Validated

Permittee:
 SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility Location:
 01/28/17
 Status: NetDMR Validated

Title:
 Plant Manager
 Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Units	Qualifier 2	Value 2	Units		
00056	Flow rate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	1.30DA AVG	Req Mon DAILY MX 03 - MGD	C - No Discharge	5 NO AV MN	19 - mg/L	01/30 - Monthly	MS - MEASRD
00500	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	>=	C - No Discharge	6.5 MINIMUM	12 - SU	01/30 - Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	>=	C - No Discharge	9 MAXIMUM	C - No Discharge	01/30 - Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	<=	C - No Discharge	1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
03582	Oil and grease	O - See Comments	0	-	Sample Permit Req. Value NODI	<=	<=	C - No Discharge	10 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
45514	Sanitary waste discharge/assessment	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX BP - (NODI)=1	C - No Discharge		1650 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
70255	Solids, total dissolved	P - See Comments	0	-	Sample Permit Req. Value NODI							

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 Sunnyside1

User: Sunnyside1
Name: Rusty Netz
E-Mail: rnetz@sscogen.com

Date/Time: 2017-01-20 09:17 (Time Zone: -07:00)

DMR Copy of Record

Permit #: UT0024759 **Permittee:** SUNNYSIDE COGENERATION ASSOC. **Facility:** SUNNYSIDE CONGENERATION ASSOC.
Major: No **Permittee Address:** P. O. BOX 10 EAST CARBON, UT 84520 **Facility Location:** P. O. BOX 10 SUNNYSIDE, UT 84520

Permitted Feature: 008 External Outfall **Discharge:** 008-A OLD COARSE REF PND ICELANDER

Report Dates & Status
Monitoring Period: From 12/01/15 to 12/31/15 **DMR Due Date:** 01/28/17 **Status:** NetDMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
First Name: Gerald **Title:** Plant Manager **Telephone:** 435-888-4476
Last Name: Hascall

No Data Indicator (NODI)
Form NODI: -

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00058	Flow rate	1 - Effluent Gross	0	-	Sample	130DA AVG	Req Mon DAILY MX 03 - MGD						01/30	Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Permit Req. Value NODI	C - No Discharge							01/30	Monthly	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Permit Req. Value NODI				5 MO AV MIN	C - No Discharge			01/30	Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Permit Req. Value NODI				6.5 MINIMUM	C - No Discharge			01/30	Monthly	GR - GRAB
00545	Solids, settleable	0 - See Comments	0	-	Permit Req. Value NODI				25 30DA AVG	C - No Discharge			01/30	Monthly	GR - GRAB
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Permit Req. Value NODI				5 DAILY MX	C - No Discharge			01/30	Monthly	GR - GRAB
05582	Oil and grease	0 - See Comments	0	-	Permit Req. Value NODI				1 DAILY MX	C - No Discharge			01/30	Monthly	GR - GRAB
45614	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-	Permit Req. Value NODI				10 DAILY MX	C - No Discharge			01/30	Monthly	GR - GRAB
70295	Solids, total dissolved	P - See Comments	0	-	Permit Req. Value NODI				1650 DAILY MX	C - No Discharge			01/30	Monthly	GR - GRAB
84068	Oil and grease visual	0 - See Comments	1	-	Permit Req. Value NODI				0 DAILY MX	SP - N=0;Y=1			01/30	Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Rusty Nelz
 E-Mail: metz@sscogen.com

Date/Time: 2017-01-20 09:18 (Time Zone: -07:00)

DMR Copy of Record

Permit: UTC024759
Permit #: No
Major: External Outfall
Permitted Feature: 009-A PASTURE POND, ICELANDER CREEK
Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O. BOX 10
 EAST CARBON, UT 84520
Permittee Address: SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520
Discharge: 009-A PASTURE POND, ICELANDER CREEK
DMR Due Date: 01/28/17
Status: NetDMR Validated

Report Dates & Status
Monitoring Period: From 12/01/16 to 12/31/16
Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & SHALL NOT EXCEED 10 MG/L. SETTLEABLES SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLES WHEN APPROPRIATE.

Principal Executive Officer
First Name: Gerald
Last Name: Hascall
No. Data Indicator (NODI)
Form NODI: -

Title: Plant Manager
Telephone: 435-888-4476

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
30056	Flow rate	1 - Effluent Gross	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	1.30DA AVG	C - No Discharge	>=	5 MO AVG MIN	C - No Discharge	01/30 - Monthly	MS - MEASRD
30320	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	35 M3 TD AV	C - No Discharge	<=	9 MAXIMUM	C - No Discharge	01/30 - Monthly	GR - GRAAS
00400	pH	1 - Effluent Gross	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	25 30DA AVG	C - No Discharge	<=	70 DAILY MX	C - No Discharge	01/30 - Monthly	GR - GRAE
00530	Solids, total suspended	1 - Effluent Gross	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	5 DAILY MX	C - No Discharge	<=	5 DAILY MX	C - No Discharge	01/30 - Monthly	GR - GRAE
00545	Solids, settleable	Q - See Comments	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	1 DAILY MX	C - No Discharge	<=	1 DAILY MX	C - No Discharge	01/30 - Monthly	GR - GRAE
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	10 DAILY MX	C - No Discharge	<=	10 DAILY MX	C - No Discharge	01/30 - Monthly	GR - GRAE
03592	Oil and grease	O - See Comments	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	0 DAILY MX	C - No Discharge	<=	0 DAILY MX	C - No Discharge	01/30 - Monthly	VI - VISUAL
45614	Sanitary waste discharged/assessmt	1 - Effluent Gross	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	1650 DAILY MX	C - No Discharge	<=	1650 DAILY MX	C - No Discharge	01/30 - Monthly	GR - GRAB
70265	Solids, total dissolved	P - See Comments	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	0 DAILY MX	C - No Discharge	<=	0 DAILY MX	C - No Discharge	01/30 - Monthly	VI - VISUAL
34066	Oil and grease, visual	O - See Comments	0	-	Req Mon DAILY MX 03 - MGD	C - No Discharge	<=	0 DAILY MX	C - No Discharge	<=	0 DAILY MX	C - No Discharge	01/30 - Monthly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 No errors.

Attachments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
Name: Rusty Nelz
E-Mail: metz@ssscogon.com

Date/Time: 2017-01-20 09:19 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No
 Facility: SUNNYSIDE COGENERATION ASSOC.
 Facility Location: P. O. BOX 10
 P. O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 012-A
 External Outfall
 Discharge: COARSE REF TOE POND, ICELANDER

Report Dates & Status
 Monitoring Period: From 12/01/16 to 12/31/16
 DMR Due Date: 01/28/17
 Status: **NetDMR Validated**

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MGL. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 First Name: Gerald
 Last Name: Hascell
 Title: Plant Manager
 Telephone: 435-888-4476

No Data Indicator (NODI)
 Form NODI: -

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity of Loading		Quality or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2				
00656	Flow rate	1 - Effluent/Gross	0	-	1.30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	<=			01/30 - Monthly	MS - MEASRD	
00500	Oxygen, dissolved [DO]	1 - Effluent/Gross	0	-	>=	5.00 AV MIN C - No Discharge	<=		19 - mg/L	01/30 - Monthly	GR - GRAB	
00400	pH	1 - Effluent/Gross	0	-	>=	6.5 MINIMUM C - No Discharge	<=		12 - SU	01/30 - Monthly	GR - GRAB	
00630	Solids, total suspended	1 - Effluent/Gross	0	-	<=	25.30DA AVG C - No Discharge	<=		70 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB	
00545	Solids, settleable	Q - See Comments	0	-	<=	5 DAILY MX C - No Discharge	<=		25 - mL/L	01/30 - Monthly	GR - GRAB	
01045	Iron, total [as Fe]	1 - Effluent/Gross	0	-	<=	1 DAILY MX C - No Discharge	<=		19 - mg/L	01/30 - Monthly	GR - GRAB	
03920	Oil and grease	Q - See Comments	0	-	<=	10 DAILY MX C - No Discharge	<=		19 - mg/L	01/30 - Monthly	GR - GRAB	
45614	Sanitary waste discharged-assessmnt	1 - Effluent/Gross	0	-	Req Mon DAILY MX SP - NODI=Y=1 C - No Discharge		<=			01/30 - Monthly	GR - GRAB	
70295	Solids, total dissolved	P - See Comments	0	-	<=	1650 DAILY MX C - No Discharge	<=		19 - mg/L	01/30 - Monthly	GR - GRAB	
84066	Oil and grease-visual	Q - See Comments	0	-	<=	0 DAILY MX C - No Discharge	<=			01/30 - Monthly	VI - VISUAL	

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Netz
 E-Mail: netz@sscogen.com

Date/Time: 2017-01-20 09:24 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: UT0024789
 Major: NC

Permitted Feature:
 013-
 External Outfall

Report Dates & Status
 Monitoring Period: From 12/01/16 to 12/31/16
 Considerations for Form Completion

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

No Data Indicator (NODI)

Form NODI:

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O. BOX 10
 EAST CARBON, UT 84520

Discharge: 013-A
 FACILITY SED POND, ICELANDER C

DMR Due Date: 01/28/17

Title: Plant Manager

Telephone: 435-888-4476

Status: NetDMR Validated

Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00056	Flow rate	1 - Effluent Gross	0	-	1-30DA AVG C - No Discharge	5 DAILY MIN C - No Discharge	1-30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	<=	<=	19 - mg/L	01/30 - Monthly	ME - NEARSD	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	>=	6.5 MINIMUM C - No Discharge	>=	9 MAXIMUM C - No Discharge	<=	<=	12 - SU	01/30 - Monthly	GR - GRAB	
00402	pH	1 - Effluent Gross	0	-	<=	25 30DA AVG C - No Discharge	<=	100 DAILY MX C - No Discharge	<=	<=	19 - mg/L	01/30 - Monthly	GR - GRAB	
00630	Solids, total suspended	1 - Effluent Gross	0	-	<=	15 30DA AVG C - No Discharge	<=	20 DAILY MX C - No Discharge	<=	<=	19 - mg/L	01/30 - Monthly	GR - GRAB	
03682	Oil and grease	1 - Effluent Gross	0	-	<=	Req Mon DAILY MX 5P - NODI=Y=1 C - No Discharge	<=	1650 DAILY MX C - No Discharge	<=	<=	19 - mg/L	01/30 - Monthly	GR - GRAB	
45614	Sanitary waste discharged-ss05ozmm	1 - Effluent Gross	0	-	Req Mon DAILY MX 5P - NODI=Y=1 C - No Discharge	Req Mon DAILY MX 5P - NODI=Y=1 C - No Discharge	Req Mon DAILY MX 5P - NODI=Y=1 C - No Discharge	Req Mon DAILY MX 5P - NODI=Y=1 C - No Discharge	<=	<=	19 - mg/L	01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	1 - Effluent Gross	0	-	<=	<=	<=	<=	<=	<=	19 - mg/L	01/30 - Monthly	GR - GRAB	
84665	Oil and grease visual	1 - Effluent Gross	0	-	<=	<=	<=	<=	<=	<=	19 - mg/L	01/30 - Monthly	VI - VISUAL	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time:

2017-01-20 09:24 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No

Permittee:
 Permit Address:
 SUNNYSIDE COGENERATION ASSOC.
 P. O. BOX 10
 EAST CARBON, UT 84520

Facility:
 Facility Location:
 SUNNYSIDE CONGENERATION ASSOC.
 P. O. BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature:
 014
 External Outfall

Discharge:
 014-A
 ICELANDER CREEK

Report Dates & Status
 Monitoring Period: From 12/01/16 to 12/31/16
 Considerations for Form Completion

DMR Due Date:
 01/28/17

Status:
 NetDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hascall

Title:
 Plant Manager

Telephone:
 435-888-4476

No Data Indicator (NODI)
 Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				
00356	Flow rate	1 - Effluent Gross	0	-	1 30DA AVG C - No Discharge							01/30 - Monthly	MS - MEASRD	
00350	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-		>=	5 DAILY MIN C - No Discharge					01/30 - Monthly	GR - GRAB	
01840	pH	1 - Effluent Gross	0	-		>=	6.5 MINIMUM C - No Discharge					01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-		<=	25 30DA AVG C - No Discharge					01/30 - Monthly	GR - GRAB	
03582	Oil and grease	1 - Effluent Gross	0	-								01/30 - Monthly	GR - GRAB	
45514	Sanitary waste discharge-assessmt	1 - Effluent Gross	0	-								01/30 - Monthly	VI - VISUAL	
70285	Solids, total dissolved	1 - Effluent Gross	0	-								01/30 - Monthly	GR - GRAB	
84066	Oil and grease visual	1 - Effluent Gross	0	-								01/30 - Monthly	VI - VISUAL	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No errors.

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnysidc1

Name: Rusty Neiz

E-Mail: metz@scogen.com

Date/Time:

2017-01-20 08:25 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: UTC024759
 Major: No
 Facility: SUNNYSIDE CONGENERATION ASSOC.
 Facility Location: P. O BOX 10
 EAST CARBON, UT 84520
 SUNNYSIDE, UT 84520

Permitted Feature:
 016 External Outfall

Report Dates & Status
 Reporting Period: From 12/01/16 to 12/31/16
 Status: NetDMR Validated

Considerations for Form Completion
 IF AN O & G SHEEN IS OBSERVED A SAMPLE MUST BE TAKEN FOR O & G & THIS SHALL NOT EXCEED 10 MG/L. SETTLEABLE SOLIDS SHALL BE MONITORED DURING RUN OFF EVENTS. USE N/A FOR SETTLEABLE SOLIDS WHEN APPROPRIATE.

Principal Executive Officer
 Title: Plant Manager
 Name: Gerald Haszall
 Telephone: 435-888-4476

Discharge:
 016-A BORROW AREA POND/ICELANDER CK

Permittee Address:
 SUNNYSIDE COGENERATION ASSOC.
 P. O BOX 10
 EAST CARBON, UT 84520

DMR Due Date:
 01/28/17

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type	
30056	Flow rate	1 - Effluent Gross	0	-	1	30DA AVG	C - No Discharge	Req Mon DAILY MX 05 - MGD					01/30	Monthly	MS - MEASFD	
30300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	>=	5 MC AV MIN	C - No Discharge				19	mg/L	01/30	Monthly	GR - GRAB	
30400	pH	1 - Effluent Gross	0	-	>=	6.5 MINIMUM	C - No Discharge				9 MAXIMUM		01/30	Monthly	GR - GRAB	
30530	Solids, total suspended	1 - Effluent Gross	0	-	<=	25 30DA AVG	C - No Discharge	35 MAX 7D AV			70 DAILY MX	19	mg/L	01/30	Monthly	GR - GRAB
30545	Solids, settleable	O - See Comments	0	-	<=						5 DAILY MX	25	mL/L	01/30	Monthly	GR - GRAB
31045	Iron, total [as Fe]	1 - Effluent Gross	0	-	<=						1 DAILY MX	19	mg/L	01/30	Monthly	GR - GRAB
33562	Oil and grease	O - See Comments	0	-	<=						10 DAILY MX	19	mg/L	01/30	Monthly	GR - GRAB
35614	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-				Req Mon DAILY MX 0F - N=0Y=1						01/30	Monthly	VI - VISUAL
70295	Solids, total dissolved	P - See Comments	0	-	<=						1650 DAILY MX	19	mg/L	01/30	Monthly	GR - GRAE
84066	Oil and grease visual	O - See Comments	0	-	<=									01/30	Monthly	GR - GRAE

Submission Note
 If a parameter row does not contain any values for the Sample ncr, Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 Attachments
 No attachments.
 Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
 User: Sunnyside1
 Name: Rusty Netz
 E-Mail: metz@sscogen.com

Date/Time: 2017-01-20 09:26 (Time Zone: -07:00)

DMR Copy of Record

Permit UT0024759
Permit #: No
Major: SUNNYSIDE COGENERATION ASSOC.
Facility Location: P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 017-A
 External Outfall
Discharge: PHASE II LANDFILL SED POND/DICE

Report Dates & Status
Monitoring Period: From 12/01/16 to 12/31/16
Considerations for Form Completion
DMR Due Date: 01/28/17
Status: NetDMR Validated

Principal Executive Officer
First Name: Gerald
Last Name: Hascall
Title: Plant Manager
Telephone: 435-888-4476

No Data Indicator (NODI)
Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00365	Flow rate	1 - Effluent Gross	0	-	1	30DA AVG	Req Mon DAILY MX 03 - MGD								01/30 - Monthly	MS - MEASRD
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-			C - No Discharge									
00400	pH	1 - Effluent Gross	0	-												
00530	Solids, total suspended	1 - Effluent Gross	0	-												
01034	Chromium, total [as Cr]	1 - Effluent Gross	0	-												
01092	Zinc, total [as Zn]	1 - Effluent Gross	0	-												
03582	Oil and grease	1 - Effluent Gross	0	-												
45614	Sanitary waste discharged-assessmnt	1 - Effluent Gross	0	-												
70295	Solids, total dissolved	1 - Effluent Gross	0	-												
84086	Oil and grease visual	1 - Effluent Gross	0	-												

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments
 No attachments.

Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusty Nelz
E-Mail: melz@sscogen.com

Date/Time: 2017-01-20 09:27 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: UT0024759
 Major: No

Permittee: SUNNYSIDE COGENERATION ASSOC.
Permittee Address: P. O BOX 10
 EAST CARBON, UT 84520

Facility: SUNNYSIDE CONGENERATION ASSOC.
Facility Location: P. O BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: 018
 External Outfall

Discharge: 018-A
 Sedimentation pond to contain runoff from #2 Ash Landfill

Report Dates & Status
Monitoring Period: From 12/01/16 to 12/31/16
Considerations for Form Completion

DMR Due Date: 01/28/17

Status: NetDMR Validated

Principal Executive Officer

First Name: Gerald
 Last Name: Hascal

Title: Plant Manager

Telephone: 435-888-4476

No Data Indicator (NODI)
 Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00556	Flow rate	1 - Effluent Gross	0		Sample	1.30DA.AVG								01/30 - Monthly	MS - MEAERD
00556	Flow rate	1 - Effluent Gross	0		Permit Req. Value NODI	Req Mon DAILY MX 03 - MGD									
00556	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req. Value NODI	5 DAILY MN									
00556	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req. Value NODI	5.5 DAILY MN									
00556	pH	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	pH	1 - Effluent Gross	0		Permit Req. Value NODI	25.00DA.AVG									
00556	Solids, total suspended	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Solids, total suspended	1 - Effluent Gross	0		Permit Req. Value NODI	35.7 DA AVG									
00556	Chromium, total [as Cr]	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Chromium, total [as Cr]	1 - Effluent Gross	0		Permit Req. Value NODI	.03 7 DA AVG									
00556	Chromium, total [as Cr]	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Chromium, total [as Cr]	1 - Effluent Gross	0		Permit Req. Value NODI	.03 7 DA AVG									
00556	Zinc, total recoverable	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Zinc, total recoverable	1 - Effluent Gross	0		Permit Req. Value NODI	3.30DA.AVG									
00556	Zinc, total recoverable	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Zinc, total recoverable	1 - Effluent Gross	0		Permit Req. Value NODI	3.30DA.AVG									
00556	Oil and grease	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Oil and grease	1 - Effluent Gross	0		Permit Req. Value NODI	15.30DA.AVG									
00556	Oil and grease	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Oil and grease	1 - Effluent Gross	0		Permit Req. Value NODI	15.30DA.AVG									
00556	Sanitary waste discharged-accsamnt	1 - Effluent Gross	0		Sample									01/30 - Monthly	VI - VISUAL
00556	Sanitary waste discharged-accsamnt	1 - Effluent Gross	0		Permit Req. Value NODI	Req Mon DAILY MX 9P - N=0Y=1									
00556	Sanitary waste discharged-accsamnt	1 - Effluent Gross	0		Sample									01/30 - Monthly	GR - GRAE
00556	Sanitary waste discharged-accsamnt	1 - Effluent Gross	0		Permit Req. Value NODI	1650 DAILY MX									
00556	Sanitary waste discharged-accsamnt	1 - Effluent Gross	0		Sample									01/30 - Monthly	VI - VISUAL
00556	Sanitary waste discharged-accsamnt	1 - Effluent Gross	0		Permit Req. Value NODI	Req Mon DAILY MX 9P - N=0Y=1									

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edr Check Errors

No errors.

Comments

No comments.

Attachments

No attachments.

Report Last Saved By

SUNNYSIDE COGENERATION ASSOC.

User: Sunnyside1

Name: Rusty Neiz

E-Mail: metz@sscogen.com

Date/Time:

2017-01-20 09:27 (Time Zone: -07:00)

DMR Copy of Record

Permit UT0024769
Permittee: SUNNYSIDE COGENERATION ASSOC.
Major: No
Permittee Address: P.O. BOX 10
 EAST CARBON, UT 84520
Facility Location: SUNNYSIDE CONGENERATION ASSOC.
 P. O BOX 10
 P.O. BOX 10
 SUNNYSIDE, UT 84520

Permitted Feature: SUM External Outfall
Discharge: SUM-A
 THE SUM OF ALL OUTFALLS

Report Dates & Status
Monitoring Period: From 12/01/16 to 12/31/16
DMR Due Date: 01/28/17
Status: NetDMR Validated

Principal Executive Officer
First Name: Gerald
Last Name: Hascall
No Data Indicator (NODI):

Parameter Name	Monitoring Location	Season	# Param.	NODI	Quantity or Loading	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
70295 Solids, lbs. dissolved	1 - Effluent/Gross	0			2000 DAILY MAX	26 - lbs/d					GR - GRAB	0120	Monthly	GR - GRAB

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.
Comments

Attachments
 No attachments.
Report Last Saved By
 SUNNYSIDE COGENERATION ASSOC.
User: Sunnyside1
Name: Rusty Nelz
E-Mail: metz@sscogen.com

Date/Time: 2017-01-20 09:28 (Time Zone: -07:00)



APPENDIX C
DEPARTMENT OF COMMERCE
CERTIFICATES OF EXISTENCE



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

03/03/2017
4911242-015003032017-547314

CERTIFICATE OF EXISTENCE

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

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



Kathy Berg

Kathy Berg
Director
Division of Corporations and Commercial Code



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

03/03/2017
1215877-014303032017-1149535

CERTIFICATE OF EXISTENCE

Registration Number: 1215877-0143
Business Name: SUNNYSIDE HOLDINGS I, INC.
Registered Date: December 30, 1994
Entity Type: Corporation - Foreign - Profit
Current Status: Good Standing

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



Kathy Berg
Director
Division of Corporations and Commercial Code



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

03/03/2017
2113550-018103032017-1694863

CERTIFICATE OF EXISTENCE

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

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



Kathy Berg

Kathy Berg
Director
Division of Corporations and Commercial Code



SUNNYSIDE COGENERATION ASSOCIATES

[Update this Business](#)

Entity Number: 4911242-0150

Company Type: DBA

Address: ONE POWER PLANT RD PO BOX 10 EAST CARBON CITY, UT 84520

State of Origin:

Registered Agent: BRIAN W BURNETT

Registered Agent Address:

50 E SOUTH TEMPLE ST STE 400

SALT LAKE CITY, UT 84111

[View Management Team](#)

Status: [Active](#)

[Purchase Certificate of Existence](#)

Status: Active ● as of 04/24/2001

Renew By: 04/30/2019

Status Description: Good Standing

The "Good Standing" status represents that a renewal has been filed, within the most recent renewal period, with the Division of Corporations and Commercial Code.

Employment Verification: Not Registered with Verify Utah

[History](#)

[View Filed Documents](#)

Registration Date: 04/24/2001

Last Renewed: 02/10/2016

[Additional Information](#)

NAICS Code: 2211 **NAICS Title:** 2211-Electric Power Generation, Transmis



Registered Principals

Name	Type	City	Status
SUNNYSIDE COGENERATION ASSOCIATES	DBA	EAST CARBON CITY	Active

Position	Name	Address	
Applicant	COLMAC UTAH, INC.	1105 N MARKET STREET	WILMINGTON DE 19801
Applicant	SUNNYSIDE HOLDINGS I, INC.	103 SPRINGER BUILDING	WILMINGTON DE 19810
Registered Agent	BRIAN W BURNETT	50 E SOUTH TEMPLE ST	SALT LAKE CITY UT 84111



SUNNYSIDE HOLDINGS I, INC.

[Update this Business](#)

Entity Number: 1215877-0143

Company Type: Corporation - Foreign - Profit

Address: 1105 N MARKET STREET STE 1300 WILMINGTON, DE 19801

State of Origin: DE

Registered Agent: CT CORPORATION SYSTEM

Registered Agent Address:

1108 E SOUTH UNION AVE

Midvale, UT 84047

[View Management Team](#)

Status: [Active](#)

[Purchase Certificate of Existence](#)

Status: Active ● as of 02/28/2011

Renew By: 12/31/2017

Status Description: Good Standing

The "Good Standing" status represents that a renewal has been filed, within the most recent renewal period, with the Division of Corporations and Commercial Code.

Employment Verification: Not Registered with Verify Utah

[History](#)

[View Filed Documents](#)

Registration Date: 12/30/1994

Last Renewed: 11/14/2016

[Additional Information](#)

NAICS Code: 5617 **NAICS Title:** 5617-Services to Buildings and Dwellings



Registered Principals

Name	Type	City	Status
SUNNYSIDE HOLDINGS I, INC.	Corporation	WILMINGTON	Active

Position	Name	Address	
Registered Agent	CT CORPORATION SYSTEM	1108 E SOUTH UNION AVE	Midvale UT 84047
Director	ROBERT S MCLEESE	1105 N MARKET ST	WILMINGTON DE 19801
President	CHRIS L THOMPSON	1105 N MARKET STREET	WILMINGTON DE 19801



SUNNYSIDE II, L.P.

[Update this Business](#)

Entity Number: 2113550-0181

Company Type: Limited Partnership - Foreign

Address: 100 CONSTELLATION WAY STE 500C BALTIMORE, MD 21202

State of Origin: DE

Registered Agent: CORPORATE CREATIONS NETWORK INC.

Registered Agent Address:

2825 EAST COTTONWOOD PARKWAY #500

Salt Lake City, UT 84121

[View Management Team](#)

Status: [Active](#)

[Purchase Certificate of Existence](#)

Status: Active ● as of 02/03/2012

Renew By: 12/31/2017

Status Description: Good Standing

The "Good Standing" status represents that a renewal has been filed, within the most recent renewal period, with the Division of Corporations and Commercial Code.

Employment Verification: [Not](#) Registered with Verify Utah

[History](#)

[View Filed Documents](#)

Registration Date: 12/30/1994

Last Renewed: 10/28/2016

[Additional Information](#)

NAICS Code: 5239 **NAICS Title:** 5239-Other Financial Investment Activiti

[Doing Business As](#)

SUNNYSIDE COGENERATION ASSOCIATES

[Former Business Names](#)

B&W SUNNYSIDE L.P.



Registered Principals

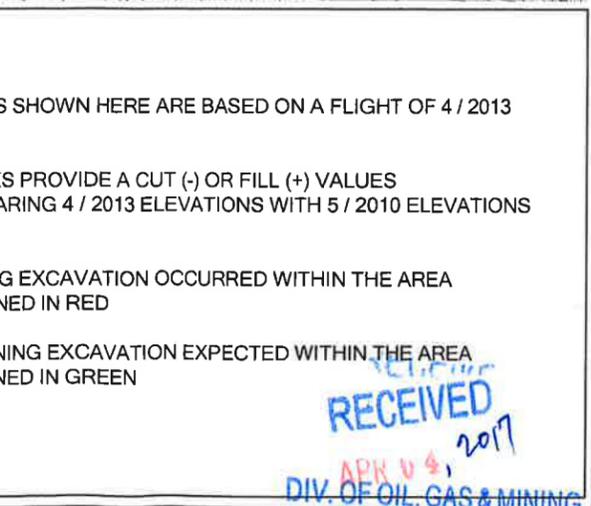
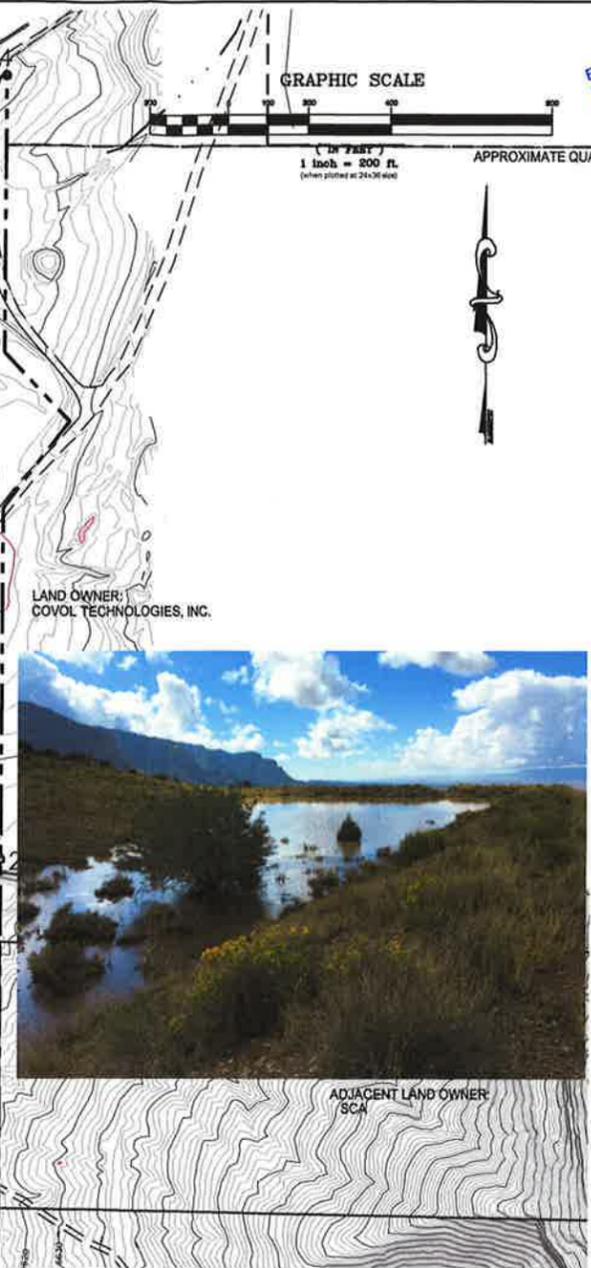
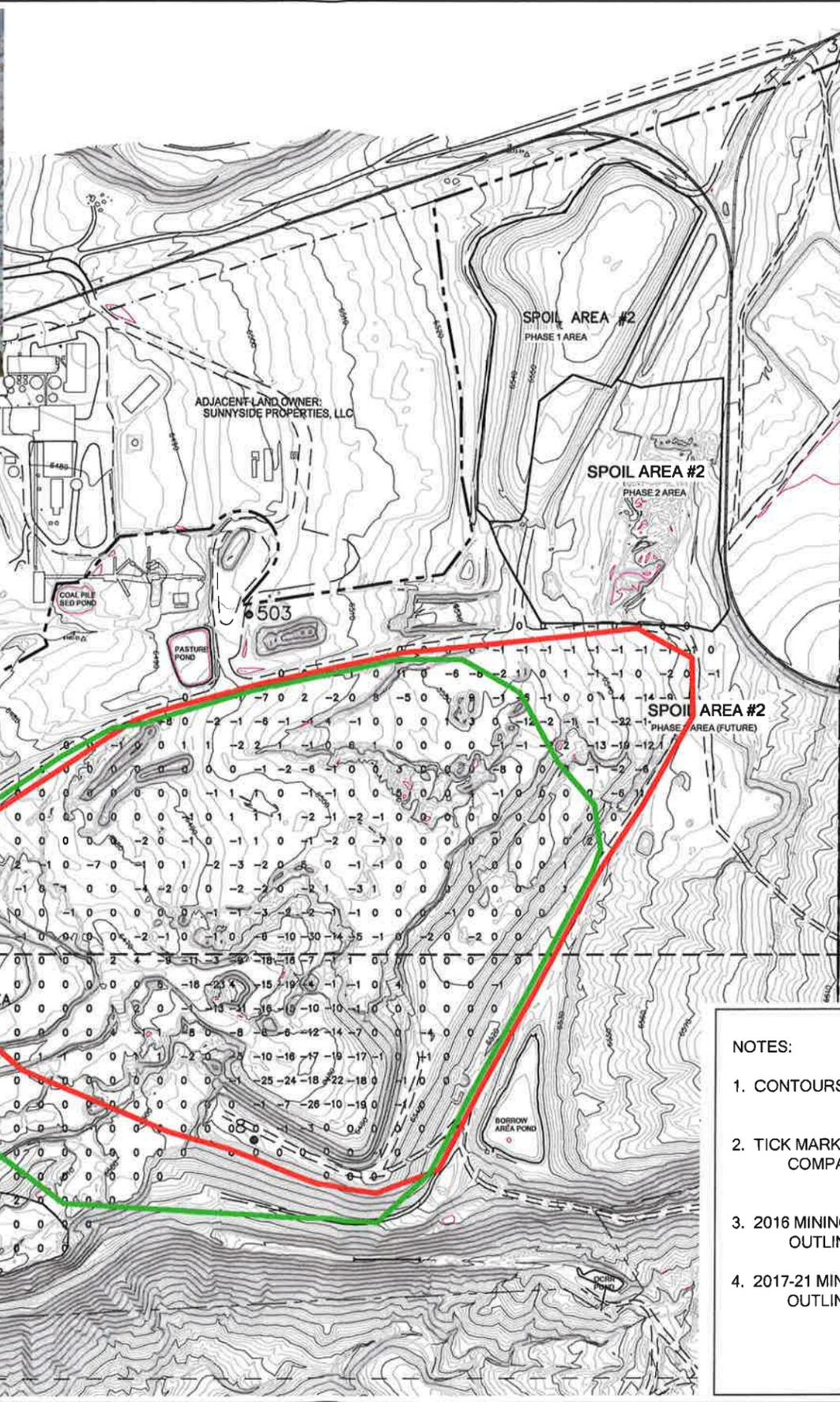
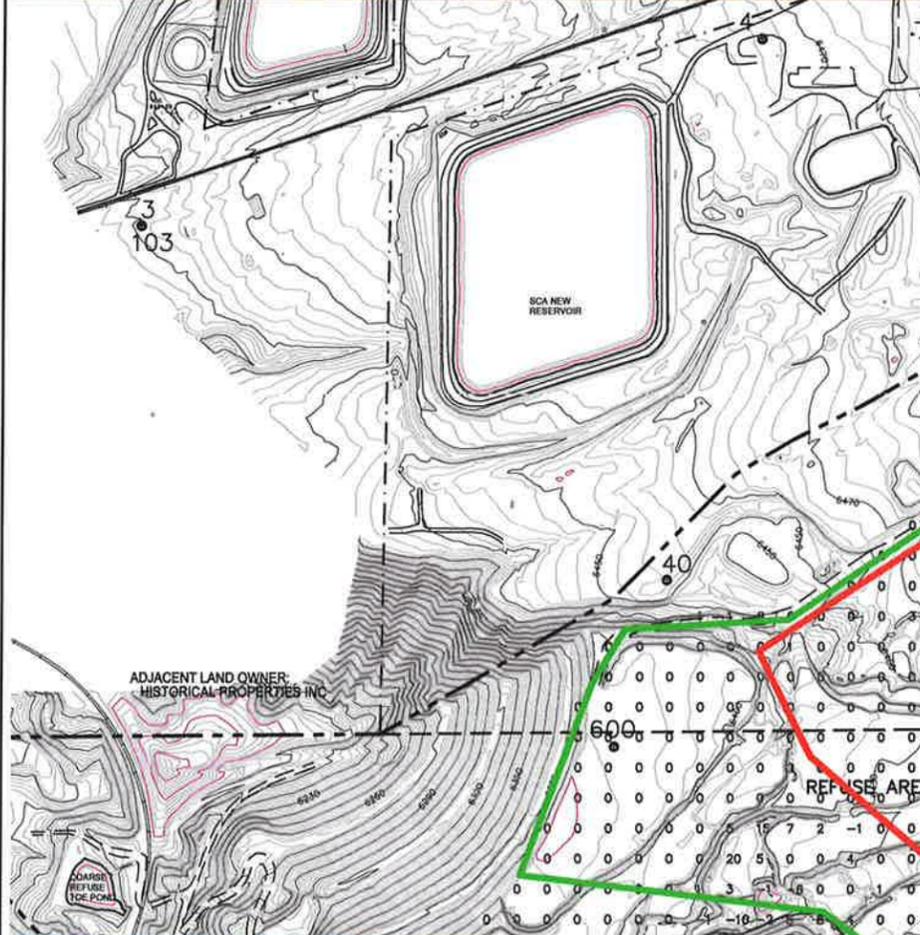
Name	Type	City	Status
SUNNYSIDE II, L.P.	Limited Partnership	BALTIMORE	Active

Position	Name	Address	
Registered Agent	CORPORATE CREATIONS NETWORK INC.	2825 EAST COTTONWOOD PARKWAY #500	Salt Lake City UT 84121
Partner	SUNNYSIDE II, INC.	750 E PRATT STREET 5TH FL	Baltimore MD 21202



APPENDIX D MINE MAP

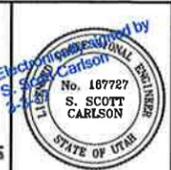
As required under R645-302-525-270



NOTES:

1. CONTOURS SHOWN HERE ARE BASED ON A FLIGHT OF 4 / 2013
2. TICK MARKS PROVIDE A CUT (-) OR FILL (+) VALUES COMPARING 4 / 2013 ELEVATIONS WITH 5 / 2010 ELEVATIONS
3. 2016 MINING EXCAVATION OCCURRED WITHIN THE AREA OUTLINED IN RED
4. 2017-21 MINING EXCAVATION EXPECTED WITHIN THE AREA OUTLINED IN GREEN

RECEIVED
APR 04, 2017
DIV. OF OIL, GAS & MINING
DIV. OF OIL, GAS & MINING



SUNNYSIDE COGEN. ASSOCIATES
SUNNYSIDE REFUSE/SLURRY MINE MAP
 Carbon County, Utah

TWIN PEAKS
 Engineering & Land Surveying
 2264 NORTH 1450 EAST LEHI, UTAH 84043
 (801) 450-3511, (801) 439-0700 FAX

DATE:	March 2017
PLAT DATE:	3 March 2017
SHEET:	1
	1