



**SUNNYSIDE COGENERATION ASSOCIATES
SUNNYSIDE REFUSE/SLURRY
C/007/0035
2024 ANNUAL REPORT**

Submitted to:

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
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I. GENERAL PERMIT INFORMATION

Permit Number: C/007/0035

Mine Name: Sunnyside Refuse/Slurry

Permittee: Sunnyside Cogeneration Associates

**Company Representative
& Plant Manager:** Mike Mosley
One Power Plant Road
PO Box 159
Sunnyside, UT 84539
PO Box 10
East Carbon, UT 84520
(435) 888-4476
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Date of Initial Permanent Program Permit: February 4, 1993

Date of Most Recent Permit Renewal: February 4, 2023

Date of Expiration: February 4, 2028

The Division completed a mid-term permit review in 2020 which included an updated reclamation bond calculation.

The MRP was renewed effective Feb 4, 2023, for a five year period.

In 2024, SCA submitted a permit amendment with updated corporate officers. Additional adjustments to the corporate structure have been in discussion with DOGM and a revised amendment was submitted in March 2025.

In 2023, SCA completed its water monitoring program and submitted a comprehensive report covering approximately 30 years of monitoring. Storm water monitoring will still continue in accordance with the UPDES 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 March 1, 2024
Expires February 28, 2029

Air Quality Title V Operating Permit: #700030005

SCA renewed its Title V permit in 2023. 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. No storm water discharges occurred during 2024.

No new spoils materials were placed in the Excess Spoil Disposal Area #1.

All the spoils materials and coal reject materials generated during 2024 were placed in the Excess Spoil Disposal Area #2. Construction is progressing in general conformance with design requirements as currently approved. The Phase 2 portion of the Excess Spoil Disposal Area #2 was reclaimed in accordance with final reclamation requirements in 2019. Spoils materials are now being placed in the Phase 3 area.

SCA gathered soil samples from material added in 2024 to the Excess Spoil Disposal Area #2 Phase 3, composited the samples and sent the composite sample to BYU Lab. Test results from those samples were submitted to the division with the 2nd Quarter report in 2024. Even though sample analysis thus far indicates spoil material is non-toxic and non-acid forming, SCA intends to place 4 ft of soil reclamation cover over the spoil areas to improve revegetation success.

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. Reclamation Activities and Vegetation Monitoring

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. A small grass fire occurred on the pile during 2020 during weed removal activities. The burned area was reseeded that year. Otherwise, vegetation shows signs of success.

During 2019, SCA performed final reclamation treatment on the Phase 2 portion of the Excess Spoil Disposal Area #2. SCA seeded this area in Fall 2019. Vegetation growth is progressing as expected.

In 2022, the Excess Spoil Disposal Area #1 was graded to 3.5:1 slope and covered with 2 ft of soil. Although additional approved capacity exists in this spoil area #1, spoil material has not been added to this area for several years, so SCA placed the initial 2 ft of soil cover. It is not certain at this point if additional spoil will be placed in the future or if the additional 2 ft of reclamation cover will be added to this surface as it sits now.

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.

Section 9.11.2 indicates an option if weeds become a problem: "mowing may be utilized where terrain permits." No mowing has yet been performed on the reclaimed areas. Roughened terrain is not very conducive to mowing practices. SCA has no intention of mowing desired shrubs or other desired vegetation species.



2. Water Monitoring Data

In 2023, SCA completed its water monitoring program and submitted a comprehensive report covering approximately 30 years of monitoring. Data from the program found that since SCA's mining operation does not process water (slurry from neighboring Sunnyside Coal Co ended in early 1990s when mine closed), the surrounding water monitoring sites were either dry or showed no noticeable impact to water quality from the mining operations. DOGM approved SCA's request to discontinue the water monitoring.

Storm water monitoring will still continue in accordance with the UPDES permit.

3. Engineering Data

a. Refuse Excavation

During 2024, SCA burned approximately 88,164 tons from the Sunnyside permit area. The Sunnyside facility also received and processed approximately 330,038 tons from the Star Point facility.

b. Excess Spoil Disposal Area #1

No new spoils materials were placed in the Excess Spoil Disposal Area #1.

c. Excess Spoil Disposal Area #2

Approximately 36,680 tons of material was placed in the XS Spoil #2 Phase 3 area during 2024.

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.

4. 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.



5. 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, LLC. and Colmac Utah LLC.

Sunnyside Holdings I, Inc. was converted to Sunnyside Holdings I, LLC effective 9-23-2024. Colmac Utah, Inc. was converted to Colmac Utah, LLC effective 9-23-2024.

Appendix B includes copies of the Certificates of Existence for Sunnyside Cogeneration Associates, Colmac Utah LLC, Sunnyside Holdings I, LLC.

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.



VI. MINE MAPS

The mine map included in **Appendix C** of this report includes site contours obtained from an aerial survey used to generate contours of the site. This aerial survey was performed in February 2025.

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

Mining activity proposed for the coming 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.