



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Inspection Report

Permit Number:	C0070042
Inspection Type:	PARTIAL
Inspection Date:	Tuesday, May 03, 2016
Start Date/Time:	5/3/2016 10:00:00 AM
End Date/Time:	5/3/2016 12:30:00 PM
Last Inspection:	Tuesday, April 05, 2016

Representatives Present During the Inspection:	
OGM	Keenan Storrar
OGM	Steve Demczak
Company	Rusty Netz

Inspector: Keenan Storrar

Weather: Sunny, mid-60's

InspectionID Report Number: 5515

Accepted by: DHADDOCK

5/5/2016

Permitee: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Operator: **SUNNYSIDE COGENERATION ASSOCIATES**  
 Site: **STAR POINT REFUSE**  
 Address: **PO BOX 159, SUNNYSIDE UT 84539**  
 County: **CARBON**  
 Permit Type: **PERMANENT COAL PROGRAM**  
 Permit Status: **ACTIVE**

### Current Acreages

152.93	<b>Total Permitted</b>
152.93	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

### Mineral Ownership

- Federal
- State
- County
- Fee
- Other

### Types of Operations

- Underground
- Surface
- Loadout
- Processing
- Reprocessing

### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Keenan Storrar and Steve Demczak of the Division inspected the Star Point Refuse with Rusty Netz of Sunnyside Cogeneration Associates and Butch from Savage. The primary focus of this inspection was to follow up on issues that were identified in the last inspection on April 5, 2016, Report ID #5487. We visited the following sites in this order: the straw bale check dams at the end of ditch 7G; the rill along the ancillary road; Pond 6; the outlet spillway of undisturbed Ditch 14; Pond 5 and its inlets; the rilling/gullies on the Subsoil Pile.

The mine site has received a significant amount of rain in the past few weeks. Standing water and saturated soils were present across the site. The operator conducted maintenance in many areas, however the rain has limited their ability to access some of the problem areas identified in the prior report. The operator has been given additional time to address the following issues. Mr. Netz offered to send photos of these areas once the issues are addressed/corrected.

Inspector's Signature:

Keenan Storrar,  
Inspector ID Number: 71

Date Wednesday, May 04, 2016



**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The mid-term, Task ID#5090, is still under review by the Division.

### **4.a Hydrologic Balance: Diversions**

The two lower straw bale check dams appeared to be in working order. They had adequate storage volume to trap sediment and showed no areas where they were failing. The next highest or third straw bale check dam has failed by water piping underneath it (Photo 1). Mr. Netz discussed addressing this by digging the straw bales up and re-installing them by keying in a silt fence to reinforce the structure.

The operator plans to begin work this week to repair the gully at the outlet of Ditch 14 (Photos 2 & 3). The plan includes filling the deep gully and hardening this section of channel with riprap and/or roughened shotcrete.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Sediment Pond 5 (Photo 4) and Pond 6 (Photo 5) have been cleaned out. The site received precipitation before the last bit of sediment could be cleaned out from Pond 5.

Mr. Netz will riprap the eroded inlet at the northeast corner of Sediment Pond 5 and submit as-built drawings to show the new location of this inlet.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

A few ideas were discussed of how the rills and gullies will be stabilized on the Subsoil pile (Photos 6 & 7). A berm may be installed on the lower northern edge of the pile to re-direct flow towards the sediment recapture basin at the base of the Subsoil pile. Erosion control stakes will be installed across the pile to help stabilize the largest gullies.

### **16.b Roads: Drainage Controls**

Very little sediment has eroded from the old ancillary road gully because very little sediment has re-deposited in the gully's outlet (Photo 8). It is assumed the gully feature has eroded to a stable depth. At this time it is recommended the feature be monitored, but no action is necessary.

**ATTACHMENT A – Photos March 16 & 17, 2016 site visit**



**PHOTO 1**

Runoff is piping underneath the upper straw bale .  
May 3, 2016



**PHOTO 2**

Gully at end of Ditch 14 needing repair.  
May 3, 2016



**PHOTO 3**

Looking down channel at the gully that has formed at the end of Ditch  
14.  
May 3, 2016



**PHOTO 4**

Pond 5 has been cleaned out. sediment in the center  
May 3, 2016

**ATTACHMENT A – Photos March 16 & 17, 2016 site visit**



**PHOTO 5**  
Pond 6 has been cleaned out.  
May 3, 2016



**PHOTO 6**  
Gully on Subsoil Stockpile.  
May 3, 2016



**PHOTO 7**  
Gully on Subsoil Stock pile.  
May 3, 2016



**PHOTO 8**  
Outlet of gully on ancillary road. Very little sediment deposited.  
May 3, 2016