

INDIANA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

COMPLIANCE INSPECTION REPORT

Inspector Name John C. Voigt Date of Inspection 2 November 2016 Time 09:42
Unit # 409 County Sullivan Date of Last Inspection 4 October 2016
Status A Weather/Ground Conditions Sunny, 64°F - dry

Inspection Type: C (P, C, PC) [_____]
Operation Type: Surface Processing Exploration X Underground
Is this inspection for last month? (Y/N) N

Mines/Permits with this Unit:

X U-028 Sunrise Coal, LLC. - Carlisle Mine

INSPECTION CHECKLIST: Indicate compliance code for items checked. Items marked (S) were satisfactory. For any items marked (X) provide narrative to support this determination. Items marked (NA) do not apply to this inspectable unit.

- X 1. Areas Permitted, Bonded or Unsuitable
- S 2. Signs and Markers, Survey Corner Markers
- X 3. Operations, Coal Recovery, and Cessation of Operations
- X 4. Backfilling and Grading, Contemporaneous Reclamation
- X 5. Topsoil, Alternate Material, and Prime Farmland Handling
- X 6. Revegetation/Rills and Gullies, and Slides
- X 7. Post-Mining Land Use, Fish and Wildlife Mitigation
- X 8. Hydrologic Balance
- X 9. Disposal of Non-Coal Waste, and Excess Spoil
- N/A 10. Augering, Processing and Steep Slopes
- X 11. Transportation and Support Facilities - Utility Installations
- S 12. Casing/Sealing Exposed Underground Openings
- S 13. Subsidence Control Prevention
- X 14. Liability Insurance Expires 1 August 2017
- N/A 15. Bond Release Information
- X 16. Other Permit and Site Conditions: NPDES# ING040199, IN0062791

X 17. Off-Site Impacts Noted (Y/N) N
(If yes, attach off-site impact form as COVER to this inspection report.)

Responsible Official & Address: Copy Issued To:

Mr. Brent Bilsland
Sunrise Coal, LLC
1183 E. Canvasback Dr.
Terre Haute, IN 47802

Mr. Tommy Sutton
Sunrise Coal, LLC
1466 E. St. Rd. 58
Carlisle, IN 47838

Signature 
Authorized Representative
Division of Reclamation

Date: 3 November 2016

COMPLIANCE INSPECTION REPORT

Page 2 of 3

Permittee: Sunrise Coal, LLC.

Mine: Carlisle Mine

Signature of Company Representative:

Unit #: 409 **County:** Sullivan

Date of Insp.: 2 November 2016 **Time:** 09:42

COMMENTS: Checked in at the mine office prior to this inspection.

- 1 Permit U-028 consists of the original permit and six amendments totaling 21,478.5 shadow acres and 648.65 surface acres (includes Incidental Boundary Revisions). The sixth amendment was approved by the Department on 31 October 2014 which added 17.6 surface acres. Six-month notices to landowners/occupants for surface property and structures are current at this time.
- 3 Activities occurring during this inspection included general maintenance activities. No mining activity or processing was noted, including coarse refuse disposal. A loaded train was present on the rail loop. The slurry line was discharging water but not slurry. A few semi trucks were hauling coal on-site. A tractor/scrapper combo was removing base material from the coal storage area west of the south refuse pile. The coal that had previously been stored there has been removed. A significant portion of the vegetated areas has been mowed.
- 4,5,6 An AMDC area has been approved for an area north of Pond C. North of the railroad siding, Sunrise Coal has installed caustic soda tank and plumbing to treat water in the sump prior to pumping it into Pond C. A rock check dam was installed below the sump to prevent erosion. Replacement of cover material on the north refuse disposal area is complete and the vegetation is protecting the area.
- 7 The US Army Corps of Engineers has given the operator approval to affect the non-jurisdictional wetland portion of the ditch above Lismon and Sprinkle Ditches. This will allow the operator to construct a stable channel and plant tree and shrub species (450/ac) along relocated stream. The operator has planted 1,200 mixed tree/shrub species including: chokecherry, gray dogwood, ninebark, hazelnut, black walnut persimmon tulip tree, white oak, sycamore, pecan and shellbark hickory.

Signature _____



Authorized Representative
Division of Reclamation

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8 Drainage from the active area is controlled through Pond C and Pond D, while Pond 1 and Pond 2 control drainage from the slurry disposal area and north portal areas respectively. NPDES monitoring is current as of this inspection.

NPDES PERMIT:#ING040199									
SB/PI NO.	NPDES Outfall#	NPDES Status	Discharge	Flow rate	pH	Iron Mg/l	Settable solids	Insp. Date	Notes:
Pond D	002	UND	Yes	T	8.0	0.8		11.02.2016	
Pond 1	003	UND	No					11.02.2016	
Pond 2	004	UND	No					11.02.2016	
		Status: UND ALK ACID DROP	Discharge: Yes No	Flow: Trickle (T) Low (L) Moderate(M) High (H)					

NPDES PERMIT:#IN0062791									
SB/PI NO.	NPDES Outfall#	NPDES Status	Discharge	Flow rate	pH	Iron Mg/l	Settable solids	Insp. Date	Notes:
	001A	UND	N/A	N/A				N/A	Not constructed
Pond C	005	UND	No					11.02.2016	
		Status: UND ALK ACID DROP	Discharge: Yes No	Flow: Trickle (T) Low (L) Moderate(M) High (H)					

9 Area-Final Reclamation of the north refuse pile has been completed. The area has been re-soiled, and is now vegetated. Coarse refuse, when generated, is now being disposed on the South Refuse Pile.

11 Haul road certification has been approved, as non-significant revision #26, for the primary entrance road. Haul road certification has been approved, as non-significant revision #32, for the other primary haulroads. Roads and other transportation facilities are well-maintained.

13 Subsidence (roof/floor) mechanic strength testing is conducted on every 300 acres as-needed. It is provided as it becomes available, and is current at this time.

17 No off-site impacts were noted during this inspection.

Signature 
 Authorized Representative
 Division of Reclamation

Date: 3 November 2016