




## COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY COAL PROGRAM INSPECTION REPORT



### PERMIT INFORMATION

<b>Permit Number:</b> C-1982-057 <b>Mine Name:</b> Seneca II-W Mine <b>Operator:</b> Seneca Coal Company, LLC <b>Operator Address:</b> Mr Roy Karo 37796 Routt County Road 53 P.O. Box 670 Hayden, CO 81639	<b>County:</b> Routt <b>Operation Type:</b> Surface <b>Permit Status:</b> Permanent Cessation <b>Ownership:</b> Federal
	<b>Operator Representative Present:</b>  Dennis Bugai
<b>Operator Representative Signature:</b> (Field Issuance Only)	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> November 20, 2013 <b>Inspection Start Time:</b> 09:15 <b>Inspection End Date:</b> November 20, 2013 <b>Inspection End Time:</b> 12:30	<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy
<b>Joint Inspection Agency:</b>  None	<b>Joint Inspection Contacts:</b>
<b>Post Inspection Agency:</b>  None	<b>Post Inspection Contacts:</b>
<b>Inspector(s):</b>  Janet H. Binns	<b>Inspector's Signature:</b>  <b>Signature Date:</b>

**Inspection Topic Summary**

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection	R - Roads
N - Availability of Records	R - Reclamation Success
Y - Backfill & Grading	N - Revegetation
NA - Excess Spoil and Dev. Waste	NA - Subsidence
NA - Explosives	R - Slides and Other Damage
Y - Fish & Wildlife	N - Support Facilities On-site
R - Hydrologic Balance	R - Signs and Markers
Y - Gen. Compliance With Mine Plan	NA - Support Facilities Not On-site
NA - Other	NA - Special Categories Of Mining
NA - Processing Waste	N - Topsoil

**COMMENTS**

This was a partial inspection conducted by Janet Binns of DRMS. The mine site had received rain and 2-3" of snow during the night before the inspection. The temperatures at the time of the inspection were above freezing so the roads were not frozen. The site was very muddy. Roads were soft. The lower elevations were slushy and muddy, making walking extremely difficult. Only lower portion of the mine near shop access road, A road and J road were accessible. G road and the northern portion of the ridgeline access road were accessible. The reclaimed areas were very muddy making travel by foot extremely difficult.

The weather was in the 40's and mostly cloudy. The inspector encountered Dennis Bugai on the shop access road.

HYDROLOGIC BALANCE - Rule 4.05 Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

Pond 006 was discharging and was partially frozen. No problems were observed with the pond embankment or inlet. A green gate has been erected across the access to the pond embankment from the mine entrance access road.

The ditch along Mine entrance access road is functional and unimpeded.

Pond 016 was partially frozen and slushy. Pond 016 was discharging. No concerns were noted with Pond 016 embankment, discharge structures or inlet.

Drainages that were visible appeared stable. Drainage 006-SE, 006-Gulch, and drainage 006-NE1 appeared stable. PM-2 had a good flow of water west of the spring. The rock bank of PM-2 was in good shape. PM-3 and PM-2A looked stable.

T-24 was not holding any water at the time of the inspection. Pond 005 was holding a pool of partially frozen

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water approximately 2 feet below the discharge elevation. Pond 005 was not discharging at the time of the inspection. Culvert PM15, PM4, PM3A, and PM3 were clear and capable flowing freely. No problems were noted with 005-Gulch, or 005-E1 drainage.

**ROADS – Rule 4.03 Construction 4.03.1(3)/4.03.2(3) Drainage 4.03.1(4)/4.03.2(4) Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6) Reclamation 4.03.1(7)/4.03.2(7):**

Roads were snow covered and soft from rains the previous night. The Main entrance access road to the shop area was in good condition and not rutted or too soft. Road A was driveable and the surface was not too soft or rutted. Road J was traversed to Pond 16. Beyond that point the temperature had warmed up enough that the road surface was getting soft.

Road G was in good condition. Ridgeline access road remained solid. The inspector did not continue past the gate north east of the substation due to the road surface warming up. The inspector did not want to create ruts in the muddy road surface.

**RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

Regraded slopes were snow covered with several inches of fresh snow. No evidence of new slides were apparent. Some slope instability could be noted north and northwest of stock tank T-20. Some of the slump scars are located in areas undisturbed by mining activities.

**SLIDES and DAMAGE - Rule 4.12:**

Repairs to previous slides appear to be holding up. No obvious gullies could be observed from the areas that were accessible during the inspection.

**SIGNS AND MARKERS – Rule 4.02:**

Stream buffer zone signs were evident along the north end of G road.

**DOCUMENTS RECEIVED NA**

**OTHER (SPECIFY) NA**

### **ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were taken as a result of this inspection.

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**PHOTOGRAPHS**



Photo 1: rock bank at PM-2, looking up PM-3



Photo 2: slope above J road north of Pond 016, appears stable



Photo 3: old slump scars north of stock tank T-20

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