




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



### PERMIT INFORMATION

<b>Permit Number:</b> C-1981-025 <b>Mine Name:</b> North Thompson Creek Mine <b>Operator:</b> MINREC, Inc. <b>Operator Address:</b> Mr. James E Stover 2352 N 7th St, Ste B Grand Junction, CO 81501	<b>County:</b> Garfield <b>Operation Type:</b> Underground <b>Permit Status:</b> Inactive <b>Ownership:</b> Federal
<b>Operator Representative Present:</b>  Stan Muhr	
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> July 8, 2013 <b>Inspection Start Time:</b> 12:00 <b>Inspection End Date:</b> July 8, 2013 <b>Inspection End Time:</b> 15:00	<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear
<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>  Brock F. Bowles  David A. Berry	<b>Inspector's Signature:</b>  <b>Signature Date:</b>  August 7, 2013

**Inspection Topic Summary**

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

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

**COMMENTS**

This was a complete inspection of the North Thompson Creek Mine conducted by Brock Bowles and David Berry of the Colorado Division Reclamation, Mining and Safety. Stan Muhr of MINREC, Inc. was also present for the inspection. The landowners were not in attendance for this inspection. The weather conditions were sunny and warm. The ground conditions were dry.

**AVAILABILITY OF RECORDS – Rule 5.02.4(1):**

All the necessary records were available at the Garfield County Court House in Glenwood Springs. See the Availability of Records form at the end of this inspection report.

**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:

Both the #1 and #3 portals were discharging into the long pond and the water was clear. The long pond berm was well vegetated and appeared to be stable. Water was flowing into the T1 pond from the long pond. The open ditch between the T1 and T2 ponds was well vegetated and appeared to be stable (photo 1). The water was directed from T2 to the P9 pond (photo 2) which contained water but was not discharging. The pipes that were in the open ditch between Pond T2 and Outfall 001 during the last inspection had been removed (photo 3). The discharge pipe leading from Outfall 001, which was obstructed during the last inspection, had been cleaned.

The electric pump that pumps water from Pond T2 to the off-permit stock tank had been removed. The emergency spillway was still directed to the refuse pile pond ditch (see inspection report 6/18/2013). A revision to the permit and ditch configuration will be discussed with the operator to accommodate the landowners needs.

Water was noted seeping from the 36-inch air shaft access culvert (photo 4). This culvert is located on the south side of North Thompson Creek by Portal #1. Standing water was in the ditch leading from the culvert to North Thompson Creek. The culvert has a locked grate to prevent access. The Division recommends that the water seeping out of the culvert be tested to determine if treatment is necessary. The water should be tested for the parameters outlined in the current NPDES permit.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 1

**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):

The main access road was well maintained and passable.

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

Noxious weeds were being sprayed during the inspection.

**SIGNS AND MARKERS – Rule 4.02:**

The main entrance sign was in place and had all the required information.

**DOCUMENTS RECEIVED: None****ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions were taken as a result of this inspection and none are pending.

**PHOTOGRAPHS**

Photo 1 – Open Ditch Between Ponds T1 and T2



Photo 2 – Diversion Structure at Pond T2 Outlet

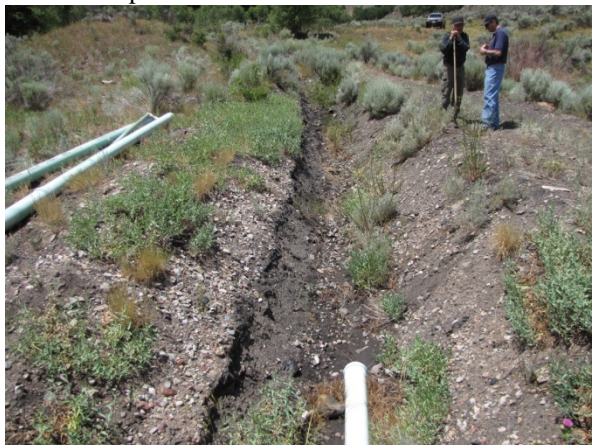


Photo 3 – Pipes Removed From Ditch



Photo 4 – Fan Shaft Access Culvert is Seeping Water

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**AVAILABILITY OF RECORDS****PERMIT RECORDS**

DRMS Permit	2013
Permit Application w/Revisions	X
Findings Document	X
Insurance Certificate	X – 9/2013
Bond Document	X – 5/2012
Phased Bond Release	SI-6 2009
Documents/Findings	
Air Emission Permits	
County Special Use Permits	
UG Mining Landowner Notification	
Subsidence Monitoring Reports	
Subsidence Monitoring Data	
Rill & Gully Survey	
Vegetation Monitoring Data	
Specific Variance Approvals	
Annual Reclamation Reports	2012
Midterm Review Documents	6/2011
DRMS/OSM Inspection	5/2013
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	
Temporary Cessation Notification	
Reclamation Cost Estimate	SL-6 2009

**CERTIFICATIONS**

Pond Certifications	
Annual Certifications for Impoundments	
Fill Certifications for Excess Spoil or Underground Development Waste	
• Quarterly Inspections	
• Compaction Testing	
• Final Certification	
Coal Processing Waste Banks	
Haul Road Certifications	
Access Road Certifications	

**HYDROLOGIC RECORDS**

NPDES Permit	2015
NPDES Records	5/2013
Stormwater Management Plan	
SPCC Plan	
MSHA Pond Inspections	
State Engineer's Pond Inspection	
Quarterly Pond Inspections	6/2013
Annual Hydrology Reports	2012
• Ground Water Monitoring	X
• Surface Water Monitoring	X
• Spring & Seep Monitoring	X
• Mine Water Discharge Monitoring	X
• Mine Inflow Study	
• Water Consumption Records	
Well Permits	

**BLASTING RECORDS**

Blasting Publication	
Blasting Records (3 years)	
ATFE Explosives Permit	
Blasting Variances	
Pre-Blast Surveys	

**ADDITIONAL RECORDS**

<b>(specify)</b>	

**COMMENTS:**


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