




**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>  None
<b>Operator Representative Signature: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> February 19, 2013 <b>Inspection Start Time:</b> 15:00 <b>Inspection End Date:</b> February 19, 2013 <b>Inspection End Time:</b> 16:00	<b>Inspection Type:</b> Coal Complete 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>  Brock F. Bowles	<b>Inspector's Signature:</b>  <b>Signature Date:</b>  February 27, 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	N - 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	N - 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 of the Colorado Division Reclamation, Mining and Safety. No company representative from MINREC, Inc. was present for the inspection. The weather conditions were overcast and cold. The ground was covered with approximately 6-12 inches of packed snow.

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

The records were checked in the Records Room at the Garfield County Courthouse in Glenwood Springs, Colorado. The following items need to be updated: a) Quarterly Pond Inspection for the 4th quarter 2012, b) update the bond document (latest one in the permit is Feb 2000), c) insert the 12/2010 NPDES Permit in the corresponding tab, d) and update the NPDES records to the current month.

**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:

The long pond contained water (photo 1). Ponds T1 and T2 were snow covered. Pond P9 was snow covered and was not discharging. Reeds were visible in Pond P9 indicating the water/ice level was low (photo 2).

Water was flowing from T2, through the open ditch to Outfall 001A. Usually, the water flows from the outfall into a pipe that directs it to the refuse pile pond ditch and not into North Thompson Creek. During this inspection, the pipe was plugged, presumably ice P (photo 3). The discharge water backed up at the pipe inlet (photo 4), flowed over the embankment under the snow and down the hillside directly to North Thompson Creek (photo 5 & 6). The potential rill or gully resulting from this flow will have to be assessed and repaired sometime after the snow melts.

**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):

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 4

The access road onto the mine site was snow covered and not passable by a vehicle.

**DOCUMENTS RECEIVED: None**

**ENFORCEMENT ACTIONS/COMPLIANCE**

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

**PHOTOGRAPHS**



Photo 1 – Long Pond



Photo 2 – Pond P9



Photo 3 – Pipe Discharge from Outfall 001A



Photo 4 – Water Backed-Up at Outfall 001A

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Photo 5 – Water Flowing Below Outfall 001A



Photo 6 – Water Flowing Down Hillside

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 4

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

DRMS Permit	X- 8/2013
Permit Application w/Revisions	X
Findings Document	X- SL6
Insurance Certificate	X- 9/2013
Bond Document	X- 2/2000 <sup>1</sup>
Phased Bond Release	X
Documents/Findings	
Air Emission Permits	
County Special Use Permits	X
UG Mining Landowner Notification	
Subsidence Monitoring Reports	
Subsidence Monitoring Data	
Rill & Gully Survey	
Vegetation Monitoring Data	
Specific Variance Approvals	
Annual Reclamation Reports	X-2011
Midterm Review Documents	X-2011
DRMS/OSM Inspection	X-4 <sup>th</sup> 2012
Reports/Enforcement Actions (3 Years)	
Transfers/Succession of Operator	
Temporary Cessation Notification	
Reclamation Cost Estimate	X
<b>CERTIFICATIONS</b>	
Pond Certifications	X
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	X <sup>2</sup>
NPDES Records	X
Stormwater Management Plan	
SPCC Plan	
MSHA Pond Inspections	
State Engineer's Pond Inspection	
Quarterly Pond Inspections	X-3 <sup>rd</sup> 2012
Annual Hydrology Reports	2/2012
• Ground Water Monitoring	X
• Surface Water Monitoring	X
• Spring & Seep Monitoring	
• 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  
(specify)**


COMMENTS: <sup>1</sup>DRMS records indicate the bonding is updated. Please insert the most up to date bond documents into the permit.

<sup>2</sup>The 2010 NPDES permit could not be found in the permit application file. Please insert a copy into the permit.

Number of Partial Inspection this Fiscal Year: 2

Number of Complete Inspections this Fiscal Year: 4