

# MINE INSPECTION REPORTS Q1 2010

## **AIR QUALITY #1 MINE SOUTH PORTAL PREP PLANT**

Inspection date(s): 01/13/10 (1<sup>st</sup>),

Areas Inspected: Raw coal belt, raw coal tunnel, shaker decks, plant feed belt, prep plant, refuse belt, truck load out belt, truck Loadout tunnel, surface equipment, clean coal belt, shop area, and stoker coal belt.

Findings/Law Violated: All violations were under 30CFR75 400-2

1. Stoker coal belt structure and area need cleaned.
2. Refuse belt structure needs dangerous off until frozen debris on belt structure is removed. And trucks rerouted.
3. Truck Loadout decks and head area need cleaned.
4. Slope head house and take-up area need cleaned.

Corrective action taken:

1. The stoker belt area was noted by management and cleaning was to start.
2. The refuse belt was dangerous off and truck traffic re-routed immediately. Belt will be cleaned as weather permits and then truck traffic route can be resumed.
3. Truck loadout decks and head area were being cleaned.
4. Slope head house and take-up area were being cleaned.

## **AIR QUALITY #1 MINE, HART STREET**

Inspection date(s): 02/11/10

Areas Inspected: 4main north A belt, 1main east belt, 1 main east A belt, Unit #2, and Secondary escapeway.

Findings/Law Violated:

1. Reflective signs on the 4MN -A belt need cleaned. 30cfr75.333 (5) (c) (2).
2. At the head of the 1ME belt oxygen tank with gauge with no cover, gauge needs replaced. 30cfr75 1106-5 (a)
3. #20 crosscut on the ME travelway, oil station needs cleaned and dusted. 30cfr75.400-2

Corrective action taken:

1. Management was notified of condition and will tell the belt examiner to clean signs on his exam.
2. Oxygen gauge was tagged out of service until replaced.
3. Section Foreman was notified\_ corrective action was being taken.

**Recommendations; Employees should not leave or travel with aerosol containers in cabs of equipment nor store on transformers.**

## **CARLISLE MINE, SUNRISE COAL COMPANY**

Inspection date(s): 02\02\10 1<sup>st</sup> Shift

Areas Inspected: Prep plant, Slope belt head, #304 belt, #302 belt, raw coal belt, raw coal tunnel, clean coal belt, clean coal tunnel, all transfer points, shop area, train Loadout belt, train Loadout tunnel

Findings/Law Violated: 1 thru 5 are 30cfr75 400-2 #6 is under 30cfr75 1100-2 (e)

1. Head of Slope belt needs cleaned.
2. #304 transfer belt structure and take-up area need cleaned.
3. #302 transfer belt area of walkway needs cleaned.
4. MCC #58 for overlay belts needs cleaned and trash removed.
5. Train Loadout tunnel needs cleaned.
6. Need fire extinguisher on catwalk side at the tail of the #304 transfer belt.

Corrective action taken:

All violations were being addressed. The state recommended that the entire surface facility had debris in various areas and a general clean-up around the job site would be beneficial. The company agreed, and said they would make the effort.

Inspection date(s): 03/02/2010 1<sup>st</sup> shift.

Areas Inspected: Slope belt, M-1 belt, M-2 belt, 1west belt, 2 west belt, 3 west belt, Unit #2, and Secondary escapeway.

Findings/Law Violated:

1. Between #1 and #2 100' markers and between #3 and #4 100' markers on slope travelway BO battery cells need removed from travelway. 30cfr75.1403-8 (d)
2. Belt line form head of S-1 belt to tail of Slope belt needs rockdusted. 30cfr75.400-2
3. At 0+80 x-cut #2 need crossing placed over water line in belt walkway. 30cfr75.1403-8(d)
4. #28 x-cut on the M-1 belt BO rollers need removed from walkway. 30cfr75.1403-8 (d)

Corrective action taken:

Battery cells were removed form slope travelway immediately. All other violations were noted by management and were being corrected.

Recommendations:

1. x-cuts with material in them to be flagged.
2. Fire extinguishers at drive areas and take-up areas need to be hung away from items to be protected rather than on them.

**FRANCISCO MINE, BLACK BEAUTY COAL COMPANY**

Inspection date(s): 02/10/10

Areas Inspected: Main south #1 Belt, 2<sup>nd</sup> Southwest Belt, 2<sup>nd</sup> Southwest Belt (b), Unit #3, and Secondary escapeway.

Findings/Law Violated:

1. #14 crosscut on the MS belt broken bottom alignment roller. 30CFR75.1731 (a)
2. 2<sup>nd</sup> SW belt trash needs removed from drive area. 30cfr75.400-2
3. 2<sup>nd</sup> SW belt tail scrapper area needs cleaned. 30cfr400-2
4. #776 mantrip lights not working. 30cfr75.1725 (a)

Corrective action taken:

1. Belt roller was immediately removed.
2. Noted by management
3. Noted by management
4. Mantrip was tagged out of service.

**Recommendation; Where lifeline crosses under belt lines, area should be guarded.**

## **FREELANDVILLE MINE, TRIAD COAL COMPANY**

Inspection date(s): 02/23/2010 1<sup>st</sup> shift

Areas Inspected: 2 northwest belt, 2 west belt, 2 north belt, 3 west panel belt, secondary escapeway, and 3 west panel ( intake rooms)

Findings/Law Violated:

1. Sump at # 100 crosscut needs flagging on deep end. **30cfr75.1403 (f-g)**
2. Need tennis ball signal on lifeline in secondary escapeway at # 149 crosscut for personnel door indicator. **30cfr75.380 (7) (vi)**
3. #3 miner at the 3west panel intake rooms needs methane monitor calibrated. **30cfr75.342 (4)**

Corrective action taken:

1. Sump was flagged off.
2. Personnel door indicator was put on lifeline in secondary escapeway.
3. Methane monitor on # 3 miner was calibrated.

## **FREELANDVILLE MINE, TRIAD COAL COMPANY PREP PLANTS #1& #2**

Inspection date(s): 02/03/10 1<sup>st</sup> shift

Areas Inspected: #1 Prep Plant, #2 Prep Plant, Belts and transfer points, surface equipment, and shop area

Findings/Law Violated:

1. #2 Prep plant hoist cage was not secure and bottom deck and no barrier was in place to prevent employees to enter area. **30cfr75.1726(b)**
2. #2 Prep plant 3<sup>rd</sup> floor vibrater deck new pulley assembly was not guarded. **30cfr75.1722(a)**
3. Truck hopper area tail where trucks dump needed cleaned at #1 plant side. **30cfr75.400-2**

Corrective action taken:

1. Hoist was lowered to bottom deck and guard was in place.
2. Area was dangered off to prevent workers from entering area until guard was installed.
3. Area to be cleaned was noted by management.

## **GIBSON MINE, GIBSON COAL COMPANY**

Inspection date(s): 01/29/10 & 01/30/10 2<sup>nd</sup>, 3<sup>rd</sup>, 1<sup>st</sup> shifts

Areas Inspected: 2<sup>nd</sup> south seals

Findings/Law Violated: An MSHA inspector accompanying an employee assigned the duties of seal sampling on the 50 p s i Monovia seals at the 2<sup>nd</sup> south seals found and atmosphere in the seal sampling of 13.4% oxygen and 10% methane. This reading requires the mine to evacuate all employees until the oxygen is below 10 % or the methane is below 3% or above 20%. 30cfr75.336 ©

The state inspector monitored the situation once they were notified.

Corrective action taken:

The mine started pumping nitrogen into the sealed area at 9:00 pm cst on Friday, Jan 29<sup>th</sup> at a surface borehole that enters the sealed area. On Sunday Jan. 31<sup>st</sup> they started using two 90 CFH nitrogen generators to pump into the sealed area at #1 seals water trap. As of 2/1/2010 the atmosphere has not met the specifications to deem them inert. On 2/1/2010 a modification order was submitted and approved by MSHA letting the mine resume production on afternoon shift 2/1/2010. The seal area must be sampled every fours and 120 psi seals built in the 2<sup>nd</sup> south seal area.

Inspection date(s): 02/12/10 1<sup>st</sup> shift

Areas Inspected: Prep plant, Raw coal stacker belt (101), Raw coal silo belt, plant feed belt, rotary breaker belt, clean coal stacker belt, clean coal silo belt, surface equipment, raw coal tunnel belt, raw coal tunnel, clean coal tunnel belt, clean coal tunnel and truck operators hazard training.

Findings/Law Violated:

1. Tail area of the 101 raw coal belt needs cleaned: 30cfr75 400-2
2. Scalping screen and deck area of slope belt needs cleaned. 30cfr75 400-2
3. Head of 101 2<sup>nd</sup> deck at chute needs cleaned. 30cfr75 400-2
4. Rotary breaker deck at chute needs cleaned. 30cfr75 400-2
5. Safety railing on Volvo end loader needs welded. 30cfr75 1725(a)

Corrective action taken:

1. Citations 1 thru 4 \ management was notified of condition and corrective action was started.
2. Citation #5 \ the end loader was taken to the shop and the rail was welded.

## **OAKTOWN FUELS # 1 MINE**

Inspection date(s): 02/05/10 1<sup>st</sup> shift

Areas Inspected: Slope belt, main east #1 belt, main east #2 belt, Primary escapeway, and main east unit.

Findings/Law Violated:

1. The Strata Refuge Chamber at #2 crosscut in the Intake escape way had a plastic seal on the doors of the deployable unit end that was opened. **30cfr75.1506 (e)**

Corrective action taken :

1. The seal on the door handle was immediately connected and the unit was back in service.

Inspection date(s): 03/04/2010 1<sup>st</sup>. shift

Areas Inspected: Raw coal stacker belt, raw coal tunnel, plant feed belt, prep plant, clean coal belt, clean coal tunnel, rail site Loadout, shop area, rotary breaker discharge belt, and surface equipment.

Findings/Law Violated:

1. No fire extinguisher at slope head drive: **30cfr75 1100-2 (e)**
2. No fire extinguishers at shop area propane storage, oxygen storage, and used oil storage: **30cfr75 1100-2 (e)**
3. Walkway at raw coal tunnel stacker head house needs debris moved from walkway. **30cfr75 400-2**
4. Switch at head of rotary breaker discharge belt need id tag on switch. **30cfr75-809.**

Corrective action taken:

1. Fire extinguishers were put at slope head drive.
2. Fire extinguishers were placed at all storage stations.
3. Walkway was being cleaned.
4. ID tag was being made for discharge belt switch.

**PROSPERITY MINE, FIVE STAR COAL COMPANY**

Inspection date(s): 01/06/10 1<sup>st</sup> shift.

Areas Inspected:

Preparation plant, raw coal tunnel, clean coal tunnel belt, train Loadout belt, rotary breaker belt, plant feed belt, raw coal belt, and train Loadout belt.

Findings/Law Violated:

1. No fire extinguisher at motor area for rotary breaker belt/ 30 cfr 75.100-2 (e)
2. 2 inch waterline on first floor of prep plant leaking near #5 heater's junction box/ 30 cfr 75.512
3. Belly pan on clean coal belt and clean coal belt needs spot cleaned./ 30 cfr 75.400-2

Corrective action taken :

1. The 2 inch water line was repaired immediately.
2. A fire extinguisher was placed at the rotary breaker motor area.
3. Employee was spot cleaning on the clean coal belt while inspection was in progress.

Inspection date(s): 03/11/10 1<sup>st</sup> shift

Areas Inspected: Main west #1 belt, 1 north main west #1 belt, Unit #4 panel belt, Unit #4, Secondary escapeway.

Findings/Law Violated:

1. Crosscut #33 on the 1north main west travelway had trash that needed remove. 30cfr75 400-2
2. #1 feeder on unit #4 bank of packing glands had one 14-3 wire not properly entered into panel bank. 30cfr75.515
3. #4 miner on unit #4 needed methane monitor calibrated. 30cfr75342
4. #2 miner's trailing cable had been run over in entry #2 for a distance of 8 feet. 30cfr75.606
5. #12 Double boom bolter had no pry bar on the machine. 30cfr75.211(d)

Corrective action taken:

1. Trash was being removed.
2. Cable was properly entered into packing gland on #1 feeder.
3. Power was disconnected on #2 miner, cable was examined for damage, none found, cable was moved to a safe location.
4. #4 miner's methane monitor was calibrated.
5. Pry bar was put on #12 double boom bolter.

As of 01/01/2010 Peabody Coal Company's ,Air Quality Wheatland Preparation Plant , is no longer active, so inspections are no longer are required.\*\*