

## MINE INSPECTION REPORTS Q2 2011

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

Inspection date: 06/06/11 2<sup>nd</sup> shift

Areas Inspected: Unit #1, Unit #2, Escape way from Unit #1 to slope bottom at south portal, Belt transformers for: Main south belt, X Belt, 4 main north belt, 1<sup>st</sup> main east belt, 6 main north belt, 3 main east belt, 1a belt and 1 b belt. Surface shop area.

#### Findings/Law violated:

1. Cords need hung picked up of shop floor and hung properly. 30cfr75.512
2. High voltage cable at input end of # 024-110 transformer needs guarding added. 30cfr75.807
3. High voltage cable for transformer # 024-116 needs guarding added at coupler connection and flagged to avoid being hit. 30cfr75.807
4. Unit #2, #7 entry and the crosscut #7 to #8 line curtain was rolled up and there was not face ventilation at either area. 30cfr75.330 (2)
5. Unit #1, paint cans were sitting on #14 transformer. 30cfr75.400
6. Unit #1, # 38 double boom bolter needs a new pry bar the one on the machine is bent and not adequate. 30cfr75.211 (d)
7. Unit #1, the area around the left side transformer needs accumulation of material removed. 30cfr74.400

#### Corrective action taken:

1. The high voltage areas were flagged until guarding can be added.
2. Paint cans were removed from #14 transformer.
3. Material accumulation from left side transformer was removed.
4. Line curtains were established in #7 entry and crosscut #7 to #8 entry and ventilation restored.
5. New pry bar was being ordered for #38 double boom.
6. Cords were noted by management.

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

Inspection date: 04/12/2011 1<sup>st</sup> shift

Areas Inspected: Raw coal tunnel, raw coal belt, plant feed belt, rock belt, load out tunnel, prep plant, surface equipment, head houses and decks on all belts.

#### Findings/Law violated:

1. #3 feeder in the raw coal tunnel needs id. 30cfr77.502
2. Sump pump in load out tunnel on-off switch needs id. 30cfr77.502
3. Middle top roller two rollers in by the emergency belt shut of switch has bad bearing roller needs replaced.
4. Head of load out belt needs cleaned. 30cfr77.202
5. Ladder on second deck of rock bin needs taken out of service brace brackets are broken. 30cfr77.206 (a)
6. 4X8 foot piece of plywood needs removed from double doors at head of rock bin belt. 30cfr77.200
7. Light needs replaced on weigh bin deck of truck load out belt. 30cfr77.207

Corrective action taken: All citations were noted by management and were being corrected. Surface area was in good condition, management and employees were helpful and courteous.

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

Inspection date: 05/05/2011 1st shift

Areas Inspected: Preparation plants, slope belt head, raw coal tunnel, raw coal tunnel belt, raw coal transfer belt, plant feed belt, rotary breaker and belt, clean coal belt, surface equipment, and shop area.

Findings/Law violated:

1. The fire extinguisher on the Sky Trak 10054 fork lift was discharged and needed replaced. 30cfr77.1110
2. The fire extinguisher at the head of the slope belt needed the inspection tag updated it was last dated July 2010, which exceeds the 180 days for inspection of extinguishers. 30cfr77.1110

Corrective action taken:

1. The fire extinguisher on the Sky Trak 10054 fork lift was replaced.
2. Management was made aware of the outdated tag on the fire extinguisher at the slope head and was taking corrective action.

Inspection date : 06/08/11

Areas Inspected: Sub main #5 belt, Sub main #5a belt, battery station for unit #5, secondary escape way from unit #5 to bottom.

Findings/Law violated:

1. High voltage line needs guarded at #12 crosscut on the #5 sub main where high voltage cable connects between T4 transformer and #3 VCB . 30cfr75.807
2. #10 miner on unit #5 needed methane monitor calibrated and sniffer cleaned. 30cfr75.342

Corrective action taken: High line cable was guarded and methane monitor was calibrated and sniffer cleaned.

Recommendations: Used battery cells at unit #5 charging station be removed.

### **FRANCISCO MINE, BLACK BEAUTY COAL COMPANY**

Inspection date: 6/10/11 1<sup>st</sup> shift

Areas Inspected: Northwest belt, 3<sup>rd</sup> southwest belt (2a), Unit #2, Secondary escape way from Unit #2 to bottom.

Findings/Law violated:

1. Between #5 and #6 crosscut on the 2a belt top belt roller needs changed. 30cfr75.1731
2. Between #22 and #23 crosscut on the 2a belt top needs scaled down. Area flagged: 30cfr75.211 ©
3. At crosscut 40 on the 2a belt the inby corner between the belt and haul road, rib needs scaled down. Area flagged. 30cfr75.1731 ©
4. On unit #2 at crosscut 45 high voltage cable needs guarded where equipment enters and exits the crosscut. 30cfr75.807

Corrective action taken: Rock was scaled down between #22 and #23 crosscut, Management was made aware of citations and corrective action was implemented.

Recommendation: When bolter trays are removed to get supplies, pry bars stay on the bolter not in supply trays.

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

Inspection date: 04/21/2011

Areas Inspected: Prep plant #1, Prep plant #2, plant feed belt, surface equipment, mobile stacker belts, and shop area.

Findings/Law violated:

1. Walkway at head of plant feed belt deck area needs cleaned. 30cfr77.205 (b)
2. Head of plant feed belt needed cleaned. 30cfr77.202
3. Door for magnetic holding tank area needs replaced. 30cfr77.205 (b)
4. Compressed gas cylinder storage unit had one oxygen bottle with no protective cap. 30cfr77.208 (e)

Corrective action taken: Management was given all written citations and corrective action was implemented. Surface area was in good condition.

Inspection date : 06/20/2011 1<sup>st</sup> Shift

Areas Inspected: 1<sup>st</sup> Main west belt, 1<sup>st</sup> main west north belt, 1<sup>st</sup> south north east belt, 1<sup>st</sup> panel north west off 2<sup>nd</sup> main north east belt, Unit #1, secondary escape way from Unit #1 to bottom, and shop area.

Findings/Law violated:

1. At mouth of slope belt entrance grass and weeds need trimmed away from power cables. 30cfr77.1103 (d)
2. From the head of the 1<sup>st</sup> main north west inby fro 16 crosscuts belt roller areas need cleaned. 30cfr75.1731 ©
3. #2 Single boom bolter needs pry bar. 30cfr75.211 (d)

Corrective action taken: All citations were noted by management and were being corrected.  
Recommendation: Hi-line cable stored in cross cuts after needs to be flagged to prevent equipment form entering crosscuts.

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

Inspection date : 04/05/2011 1<sup>st</sup>. Shift

Areas Inspected: 101 belt, 102 belt, raw coal tunnel belt, raw coal tunnel, truck load out belt, truck load out tunnel, Rotary breaker belt, plant feed belt, clean coal belt, clean coal stacker, clean coal silo, raw coal silo, surface equipment, and shop area.

Findings/Law violated:

1. #101 wash pump motor needs cleaned and area around motor. 30cfr77.202
2. Belly pan on the #101 belt needs cleaned. 30cfr77.202
3. Raw coal tunnel needs cleaned. 30cfr77.202

4. Walkway on the raw coal tunnel belt at the mouth of the silo needs cleaned and cleared. 30cfr77.205
5. Light in raw coal tunnel, 2<sup>nd</sup> from the tail area needs replaced. 30cfr77.207.
6. Truck/Train load out tunnel needs cleaned. 30cfr77.202

Corrective action taken: Management was made aware of citations and corrective actions were undertaken to abate citations.

Inspection date: 06/22/2011 2<sup>nd</sup> shift

Areas Inspected: Unit #2, 2a belt, 2b belt, secondary escape way from Unit #2 to bottom.

Findings/Law violated:

1. 2a belt between #9 and #10 crosscut rib needs pried down, area flagged. 30cfr75.211 ©
2. 2a belt between #10 and #11 crosscut rib needs pried down, area flagged. 30cfr75.211 ©
3. 2a belt needs spot cleaned under rollers from head to #15 x-cut.
4. 2b belt firer riser needs installed at #11 crosscut. 30cfr75.1100-2 3(b)

Corrective action taken:

1. Both areas of the 2a belt ribs were pried down.
2. 2a belt was being cleaned from head to #15 crosscut.
3. Firer riser was going to be replaced on the idle midnight shift.

## **OAKTOWN FUELS # 1 MINE**

Inspection date: 04/20/11

Areas Inspected: Raw coal belt and head house, raw coal tunnel, #1 and #2 mine openings, plant feed belt, prep plant, rotary breaker, prep plants #1 and #2, clean coal belt, and clean coal tunnel.

Findings/Law violated:

1. Switches at surface fuel tanks for fuel pumps need id's. 30cfr77.507
2. Trane heater in plant control room needs switch id. 30cfr77.507
3. Insulating mats need replaced at plant #2 transformer. 30cfr77.513
4. Fire extinguisher at oxygen acetylene storage on back side of plant needs inspection tag and pin. 30cfr77.1110

Corrective action taken: All citations were noted by management and corrective action was begun immediately. Surface area inspected was in good condition.

Inspection date: 06/09/11 2<sup>nd</sup> shift

Areas Inspected: 3a belt, 3b belt, Unit #3, secondary escapeway from unit #3 to bottom.

Findings/Law violated:

1. At #7 crosscut on the 3a belt rock needs scaled. Area flagged. 30cfr75.211 ©
2. At #8 crosscut on the 3b belt, top needs scaled down on the outby corner of intersection haulroad side. Area Flagged: 30cfr75.211 ©
3. At crosscut #15 on the 3b belt rib needs pried down on outby corner of intersection stopping side. Area flagged: 30cfr75.211 ©
4. At #21 crosscut on the 3b belt rib needs scaled down on outby corner of intersection haul road side. Area flagged: 30cfr75.211 ©

5. At #26 crosscut on the 3b belt rib needs scaled down on out by corner of intersection between belt and haul road. Rock needs pryed down in crosscut between belt and haul road. Area flagged. 30cfr75.211 ©
6. #1 single boom bolter needs pry bar on machine. 30cfr75.211 (d)

**Corrective action taken:** All citations were noted by management and corrected.

Recommendations: Fire extinguishers be hung on the out by ribs and not placed on the equipment they are protecting, if a fire should occur there would be no way to get to the extinguisher.

## **PROSPERITY MINE, FIVE STAR COAL COMPANY**

**Inspection date:** 04/06/2011 1<sup>st</sup> shift

**Areas Inspected:** Slope belt, raw coal stacker belt, rotary breaker belt, plant feed belt raw coal tunnel belt, raw coal tunnel, preparation plant, surface equipment, clean coal belt.

### **Findings/Law violated:**

1. Fire extinguisher is needed at permanent electrical installation at bath house entrance. 30cfr77.1109 (b)
2. Switches at hydraulic unit at head of slope belt transfer point to raw coal stacker belt need identification markers
3. Walkways on raw coal belt and structure need cleaned. 30cfr77.205 (b)
4. Ladder at head of raw coal tunnel belt needs taken out of service, ladder was modified for use. 30cfr77.206(a)

**Corrective action taken:** All citations were noted by management and corrective action was underway. Extinguisher was put at electrical installation, ladders was removed, id tags for switches were being made, and belt walkway cleaning was started.

**Inspection date:** 06/07/2011

**Areas Inspected:** 2<sup>nd</sup> main west belt, 5a belt, 5b belt, Unit #5, secondary escapeway from unit #5 to bottom.

### **Findings/Law violated:**

1. At # 96 crosscut on the MW #2 belt, fire riser had a hose connected to it so riser was not clear if needed to be used as intended. 30cfr75.1100 (2) (B)
2. At # 123 crosscut on the MW#2 belt line on the south inby corner of the intersection two added roof supports were needed. 30cfr75.211 (2) (c)
3. #13 roof bolter on Unit #5 needed methane monitor calibrate, monitor was reading 3 tenths off scale. 30cfr75.342 (4)
4. #14 roof bolter on Unit #5 needed methane monitor calibrated it was .3 off scale. 30cfr75.342 (4)
5. Unit #5 #13 roof bolter had no pry bar. 30cfr75.211 (d)

### **Corrective action taken:**

1. Hose was removed from fire riser
2. Roof supports were placed at intersection south inby corner on the MW # 2 at #123 crosscut
3. Methane monitors on #13 & #14 roof bolters were calibrated
4. Pry bar was placed on #14 roof bolter

**Recommendations:** Unit #5 rock dusting could be heavier.

**FREELANDVILLE WEST MINE, TRIAD COAL COMPANY**

(On line 8/17/2010)

Inspection date(s): 05/06/2011

Areas Inspected: Unit #1, Unit #1 belt line, primary escape way, and surface area.

Findings/Law violated: None

Corrective action taken: None

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