

## MINE INSPECTION REPORTS Q2 2010

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

Inspection date(s): 04/05/2010 1<sup>st</sup> shift

Areas Inspected : Raw coal stacker belt, raw coal tunnel, raw coal tunnel belt, Pant feed belt, prep plant, fines belt, clean coal belt, clean coal tunnel belt, clean coal tunnel, stoker belt, all head houses and decks.

#### Findings/Law violated:

1. Fines belt structure needed cleaned. 30cfr75.400-2
2. Raw coal stacker belt structure needs cleaned. 30cfr75.400-2
3. Second deck of fines head house facility needs cleaned. 30cfr75.400-2
4. Stoker belt needs cleaned underneath bottom rollers. 30cfr75.400-2
5. All belts could use general housekeeping. 30cfr75.400-2
6. Main electrical installation at prep plant 4<sup>th</sup> floor needs high voltage sign posted. 30cfr77.511
7. Main electrical installation at prep plant 4<sup>th</sup> floor needs fire extinguisher. 30cfr77.1109

#### Corrective action taken:

Management was informed of all violations and clean up was undertaken immediately. The high voltage signs and fire extinguishers were being put at the electrical installation.

Surface facility was in fair condition and management and employees were helpful and courteous.

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

Inspection date(s): 06/10/10 2<sup>nd</sup> shift

Areas Inspected: 2 Main east belt, 1a belt, 1b belt, 1c belt, 1d belt, 1e belt, Unit #1, Secondary escapeway from Unit #1 to bottom.

#### Findings/Law Violated:

1. 2maineast beltline between #30 and #31 crosscut rib needs scaled down haul road side of belt. Area was tagged. 30cfr 75.211 c
2. 1c beltline between #9 and # 10 crosscut rib needs scaled down on haul road side of belt . Area was tagged. 30cfr 75.211 c
3. 1c belt line between # 29 and #30 crosscut rib needs scaled down and additional support set. Area was tagged. 30 cfr 75.211 c
4. Door signs need cleaned designating man door directions in beltlines. 30 cfr 75.333 5 c 2
5. 1e haul road #1 crosscut at transformer id # 024-73 high line cable needs guarded from haul road to the back of the transformer for a distance of 50 feet.

#### Corrective action taken:

1. Rib conditions were noted and being corrected.
2. Door signs were being cleaned.
3. Guarding was taken to area and highline was being guarded.

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

Inspection date(s): 04/28/10 1<sup>st</sup> and 2<sup>nd</sup> shift split

Areas Inspected: #1 Stacker belt, #2 Stacker belt, Raw coal belt, Raw coal tunnel, Clean coal belt, Clean coal tunnel, Plant feed belt, Prep Plant, Train Loadout, and Surface equipment.

### Findings/Law Violated:

1. Need fire extinguisher at permanent electrical installation at MCC building for Stacker belts. (1a) Need fire extinguisher at permanent electrical installation at MCC building for slope belt. (back of building) 30cfr77.1109 (d)
2. #1 Stacker belt structure needs cleaned. (2a) #1 Stacker belt take-up needs cleaned. 30cfr75.400.2
3. Fire extinguishers at Slope belt drive, at #1 Stacker belt drive, and at #2 Stacker belt drive were passed the required 180 day examination. 30cfr77.1110

### Corrective action taken:

1. Fire extinguishers were installed at needed locations.
2. Belt structure and take-up was cleaned.
3. Fire extinguishers were checked and updated.

Inspection date(s): 06/08/10 2<sup>nd</sup> shift

Areas Inspected: S-1 Belt line, S-2 Belt line, S-3 head and drive area, Unit #5, Secondary escapeway from unit #5 to bottom.

### Findings/Law Violated:

1. S-1 belt line between # 35 and #36 crosscut bottom roller needs replaced. 30cfr75.1713
2. Escapeway markers in secondary escapeway from unit #5 to bottom need cleaned. 30cfr75.380 (d) 1
3. Section transformer on unit #5, combustible material needs removed and top of transformer needs cleaned. 30cfr75.400

### Corrective action taken:

All violations were noted by management and being corrected.

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

Inspection date(s): 04/20/10 (1<sup>st</sup> shift)

Areas Inspected: 1 east panel seals, #1 southeast seals, #3 southeast panel seals, #4 southeast panel seals, #5 southeast panel seals, #6 east seals, southeast return air course, underground shop area, surface stacker belt, surface equipment.

### Findings/Law Violated:

1. Trash needed removed from shop area 30cfr75 400.2
2. Need fire extinguishers at directional motors on stacker belt. 30cfr75 1100-2 (e).

### Corrective action taken:

1. Trash was being removed from underground shop area.
2. Fire extinguishers were being installed at stacker motor.

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

Inspection date(s): 04/26/10 (2nd shift)

Areas Inspected: 1st main west belt line, 1<sup>st</sup> main northwest belt line, Unit #1 belt line, Unit #1, and outside shop area.

### Findings/Law Violated:

1. There was coal accumulation under # 13608 feeder on unit #1. 30cfr75.400-2
2. Two small oxygen bottles were not secured and were stored with flammable liquids. 30cfr77.208 (d)

### Corrective action taken:

1. The coal accumulation was cleaned.
2. Oxygen bottles were removed from area to another location and secured.

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

Inspection date(s): 06/22/10 1<sup>st</sup> shift.

Areas Inspected: #1 prep plant, #2 prep plant, #1 plant feed belt, #2 plant feed belt, Dump areas, Shop area, and #1 and #2 mobile beltls.

### Findings/Law Violated:

1. Mobile belt units needed fire extinguishers at motor areas. 30cfr77.1109 (d)

### Corrective action taken:

1. Fire extinguishers were placed at appropriate locations.

Recommendations: All switches in both plants need checked to make sure they are identified with tags designating the switch and what it operates. Some switches had tags others had either worn off or were not visible. Management was aware of condition and making appropriate corrections.

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

Inspection date(s): 4/21/10 (1<sup>st</sup> shift)

Areas Inspected : Clean coal tunnel, raw coal tunnel, clean coal stacker belt, raw coal stacker belt, clean coal silo, raw coal silo, prep plant, shop area, plant feed belt, rotary breaker belt and building, train Loadout tunnel.

### Findings/Law Violated:

1. Tail area of raw coal stacker belt needs cleaned (101) belt 30cfr 400.2
2. Four rollers on the 101 belt need changed/flagged red. 30cfr75.1725 (a)
3. Two rollers on the raw coal silo belt (102)belt need changed\flagged red. 30cfr75 1725 (a)
4. Decks between 101 and 102 need walkways cleared. 30cfr75 400.2
5. Bottom deck of rotary breaker building needs cleaned. 30cfr75 400.2
6. Train Loadout tunnel needs cleaned. 30cfr75 400.2

**Corrective action taken:** Management was made aware of all citations and taking action to correct them.

Inspection date: **05/19/10 (2<sup>nd</sup> shift)**

Areas Inspected: 42<sup>nd</sup> west beltline, Southwest beltline, 2<sup>nd</sup> southwest belt line, Unit #2, and the secondary escape way from Unit #2 to the bottom.

Findings/Law Violated:

1. Top roller assembly on the southwest beltline between #5 and #6 crosscut needed replaced. 30cfr75.1731 (a)
2. Bottom roller on the southwest beltline between #18 and #19 crosscut needed replaced. 30cfr75.1731 (a)
3. Bottom roller on the 2<sup>nd</sup> southwest beltline between #62 and #63 crosscut needed replaces. 30cfr75.1731 (a)
4. Bottom roller on the 2<sup>nd</sup> southwest beltline between # 63 and #64 crosscut needed replaced. 30cfr75.1731 (a)
5. Bottom roller on the 2<sup>nd</sup> southwest beltline between # 73 and #74 crosscut needed replaced. 30cfr75.1731 (a)

**Corrective action taken:** All citations were corrected by rollers being replaced or removed.

### **OAKTOWN FUELS # 1 MINE**

Inspection date(s): **04/22/10 (2<sup>nd</sup> shift)**

Areas Inspected: Main east #1 belt, Main east #2 belt, Unit #1, Secondary escape way, and Surface shop area.

Findings/Law Violated:

1. At #16 x-cut on the 2nd Main east belt line , the south rib needed scaled down and support added as needed. 30cfr75.202 (a)
2. Fire riser at #20 x-cut was not accessible; it had a 1 and ½ inch water line attached to the fire riser. 30cfr75100.3
3. Roof Bolter #3 on Unit #1 needed methane monitor calibrated. 30cfr 75.342 (4)

**Corrective action taken :**

1. The rib at #16 cross cut was scaled and support added as needed.
2. The 1 and ½ inch hose was removed from the fire riser.
3. The methane monitor on #3 bolter was calibrated.

Inspection date(s): **06/21/10 1<sup>st</sup> shift spot on surface**

Areas Inspected: Raw coal stacker belt, Rotary #1 and #2 belts, Plant feed belts #1 & #2, and raw coal tunnel

Findings/Law Violated:

1. Head area at the raw coal head house needs cleaned. 30cfr77.404
2. Hoist well at prep plant needs guarded when hoist in use and not stationed on the ground floor. 30cfr77.400

Corrective action taken:

1. Raw coal head was noted and being attend to.
2. Management and employees were made aware of the condition and were taking corrective action.

Recommendations: The start/stop switches in the raw coal tunnel be id with a tag rather than a permanent marker.

**PROSPERITY MINE, FIVE STAR COAL COMPANY**

Inspection date: 5/13/10 2<sup>nd</sup> shift

Areas Inspected: Shop area, secondary escape way from unit 5 to bottom, 3 north #3 belt, 3 north #4 belt, main west #1 belt to the 1 north main west #1 belt.

Findings/Law Violated:

1. Between #31 and # 32 crosscut on the 3north #3 beltline a timber needs set to support the top on the east rib line of the belt. The area was flagged. 30cfr75.202 (a)
2. Main west #1 belt between #19 and #20 crosscut the roof needs scaled down on the north side of the belt line. The area was flagged. 30cfr75.202 (a)
3. Between # 24 and #25 crosscut on the main west haul road, water needs pumped and roadway repaired. 30cfr1403-10 (i)
4. The methane monitor on the #12 miner in unit # 5 was out of calibration . 30cfr75.342 (4)

Corrective action taken :

1. Management was going to set a timber at the location on the 3north #3 belt to support the top.
2. Management was going to scale the top at the location on the main west #1 belt.
3. The roadway was pumped, scooped and repaired.
4. The methane monitor on #12 miner on Unit #5 was calibrated.

Inspection date(s): 06/17/2010 1st shift.

Areas Inspected: Raw coal stacker belt, rotary breaker and belt, raw coal tunnel belt, plant feed belt, prep plant, clean coal belt, mobile stacker belt, shop buildings, equipment.

Findings/Law Violated:

1. Raw coal stacker belt walkways need cleaned. 30cfr77.205
2. Raw coal stacker belt structure needs cleaned. 30cfr75.400
3. Raw coal belt fire extinguishers need cleared of debris and secured. 30cfr77.1110
4. Area under scalping screen needs coal fines cleaned. 30cfr77.202
5. Walkway at bottom of rotary breaker needs step replaced. 30cfr77.205
6. Prep plant two **Square D** breakers need identification tags on them. They are for the #185 screen bowl and will be identified as #185 bowl screen #1 and #185 bowl screen #2. 30cfr77.507

Corrective action taken:

1. Area under scalping screen was cleaned.
2. Walkway at rotary breaker had step replaced.
3. **Square D** breakers were identified.

4. Raw coal stacker belt, management was notified of conditions and citation and were going to make corrections.

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