

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

# C1980007, West Elk Mine, August 30th Inspection Report

Simmons - DNR, Leigh <leigh.simmons@state.co.us>
Thu, Sep 7, 2023 at 11:13 PM To: "Poulos, Nicki" <npoulos@archrsc.com>, "Wilczek, Jessica" <jwilczek@archrsc.com>, "Norris, Weston" <Wnorris@archrsc.com>

The report of the 8/30/23 inspection is attached. As stated on page 4, please submit a MR for the concrete barriers.

Please let me know if you have any questions or comments.

Leigh Simmons Environmental Protection Specialist



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InspectionReportWithAppendices.pdf 14828K



## **PERMIT INFORMATION**

B 4.N 1 C 1000 007	
Permit Number: C-1980-007	County: Delta, Gunnison
Mine Name: West Elk Mine	Operation Type: Underground
<b>Operator:</b> Mountain Coal Company, LLC	Permit Status: Active
Operator Address:	Ownership: Private
Ms Nicki Poulos	
5174 Highway 133	<b>Operator Representative Present:</b>
Somerset, CO 81434	
	Nicki Poulos, Jessica Wilczek, Weston Norris
Operator Representative Signature: (Field Issua	nce Only)

### **INSPECTION INFORMATION**

Inspection Start Date: August 30 Inspection Start Time: 11:00 Inspection End Date: Inspection End Time:	), 2023		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency:		Joint	Inspection Contacts:
None			
Post Inspection Agency:		Post	Inspection Contacts:
None			
Inspector(s):	Inspecto	r's Sig	nature: Signature Date:
Leigh Simmons	Di		September 6, 2023

### **Inspection Topic Summary**

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

N - Air Resource Protection N - Roads

N - 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 partial inspection by Leigh Simmons of the Division of Reclamation, Mining and Safety (Division). Jessica Wilczek and Weston Norris of Mountain Coal Company (MCC) accompanied the inspection. The weather was clear and dry. The mine was active.

MCC notified the Division at around 2.00 PM on August 28th that an unintended discharge to the North Fork of the Gunnison River had occurred that morning and had been reported to Colorado Department of Public Health and the Environment (CDPHE) via the Environmental Spill Reporting Hotline. The primary focus of this inspection was to investigate the reported discharge.

#### **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:

Uncontrolled surface runoff from a disturbed area left the West Elk Mine during a storm event in the early hours of August 28<sup>th</sup>. The storm water runoff, which transported solid material from an area adjacent to the clean coal stockpile, left the site at the historic site entrance, on the south side of Highway 133, just east of Somerset. The water ran over the driveway apron, into the highway ditch, through the three highway culverts, and then to the North Fork of the Gunnison River. The approximate path taken by the storm water is shown with red dots on a Google Earth image from 2019 in Figure 1.

The run-off event was not observed while it was in progress. The offsite impact was first noticed by MCC staff at around 10AM, whereupon it was reported to the spill hotline. Clean-up efforts began immediately. Fivegallon buckets were used for the initial clean-up, and MCC reported that 15 gallons of material were recovered.

By the time of the inspection the rip-rap in the ditches on both sides of the highway up to around 30 feet from the river bank had been removed with an excavator and replaced with clean rip-rap; the final 30 feet had been

cleaned of mine-related solids by hand so as not to disturb the riparian vegetation along the bank, (see Figures 2-4).

Surface water and sediment control structures at the West Elk Mine are described in section 2.05.3(4) of the Permit Application Packet (PAP), on pages 2.05-31 through -41. References are made in the text to supporting information in Exhibits 43, 44, 47, 66 and 70, and to Maps 54, 54A and 54B. As stated in paragraph 3 of page 2.05-32, ditches and culverts have been designed to collect runoff from the 10-year, 24-hour (10y24h) storm event and direct it to the runoff ponds. Each ditch and culvert is identified using a naming convention based on it's position in the flowpath to the sediment pond it reports to; for example, C5E-1 is the first culvert upstream of the MB-5E pond, and D3-2 is the second ditch segment upstream of the MB-3 pond. Ponds, ditches and culverts in the main facilities area are shown on Map 54, a portion of which is given in Figure 4.

Storm water conveyed on the south side of the silo haul road, including runoff from the clean coal stockpile pad, reports to pond MB-3. The structures from ditch D3-2 downstream to pond MB-3 were inspected and found to be in good order, with no sign of having been breached (see Figures 7-9).

Storm water conveyed on the north side of the silo haul road reports to pond MB-5E. The complete flow network is rather complex, but from just upstream of the area of interest:

- Ditch D5E-1 terminates at a drop inlet which drops into a very long culvert, C5E-3.
- D5E-1A, which is a very short ditch segment covered with a steel grate, immediately in front of the old entrance gate, terminates at a second drop inlet into C5E-3.
- C5E-03 outlets west of pond MB-3 and discharges into C5E-2.
- C5E-2 and C5E-12 (conveying runoff from a different part of the facilities area) both discharge into a large concrete sediment trap, which discharges into C5E-1.
- C5E-1 runs all the way to pond MB5-E.

The designs for all ditches and culverts are based on SEDCAD+ modelling analyses, using the 10y24h, 25y24h, and 100y24h storm events, reported in Exhibit 66. Table 44E in the Exhibit 66 introduction gives a summary of ditch and culvert specifications.

- D5E-1 (Figure 10) is a v-shaped ditch with a synthetic liner. It was measured at approximately 8 feet wide and 20 inches deep (which exceeds the design specification). There was no sign of any breach of the ditch. Some sediment had been cleaned from around the drop inlet at the end of D5E-1 (Figure 11), but MCC reported that the structure had not been blocked.
- D5E-1A (Figure 16) is a rectangular section concrete trough, about 1 foot deep and 50 feet long, covered with a steel grating. The downstream end of the concrete trough opens into the second drop inlet to C5E-3 (Figure 17). The trough itself and the opening to the drop inlet were clear. The SEDCAD+ modelling for D5E-1A assumes that the structure will receive the runoff from an area of 0.010 acres, and the peak discharge during the 10y24h event will be 0.1 cubic feet per second, which is reasonable since only a very small area of the silo haul road immediately south of the gate would report to the ditch this is best seen in Figure 6.

- C5E-3 (Figure 12) is a 24 inch culvert, as is specified in the approved design. It was clear of sediment.
- C5E-2 is also a 24 inch culvert. It was also clear, however a lot of sediment had accumulated in the sediment trap at the outlet of C5E-2 (Figure 13). Water was still flowing, and the tide line on the concrete wall showed that the trap had not overflowed, but the trap needed to be cleaned. MCC completed the cleaning and sent photographs the following day (Figures 14 and 15).
- C5E-1 is a 48 inch culvert. Besides the sediment around the inlet in the trap, it was clear. Pond MB-5E was in good shape, with ample capacity. The pond had not discharged.

It appeared that storm water had temporarily overwhelmed the drainage capacity of D5E-1A and had flowed over the steel grating and out of the gate as previously described. No other structures had failed or been compromised.

The rainfall depth parameter that informs the design of the entire surface water control system at the West Elk Mine was determined by Greystone consultants in 1993, and adopted by Tetra-Tech in 2010 at the time Exhibit 66 was added to the PAP. The rainfall depths for the 10y24h, 25y24h and 100y24h events were determined to be 1.9 inches, 2.3 inches and 2.8 inches, respectively, using NOAA Atlas 2 Precipitation-Frequency Atlas of the Western United State, Volume III – Colorado. Atlas 2 was superseded by Atlas 14 from 2004, with Volume 8 (which includes Colorado) published in 2013. The data is available online from NOAA's <u>Precipitation Frequency Data Server</u>. A copy of the Precipitation Frequency Data Table for Somerset, CO is given in Figure 18. It shows that the current estimates for the 10y24h, 25y24h and 100y24h events are 1.90, 2.27 and 2.86 inches respectively – relatively unchanged from those used in the West Elk PAP.

MCC maintains a weather station at the mine, located approximately 700 feet due south of the area of interest; the weather station is described on Page 2.05-23 of the PAP, and its location is shown on Map 53. MCC provided the Division with precipitation data from the weather station (see Appendix A), which shows that 1.09 inches of rain fell over a 24 hour period on August 28<sup>th</sup>, which is considerably less than the estimated 10y24h event. However, 1.01 of the 1.09 inches fell in a 60 minute period between 2AM and 3AM; referring to the NOAA table in Figure 18, this would correspond to the 25y60m event.

MCC also provided the Division with a copy of surface maintenance records from 4/1/23 through 8/20/23, and an invoice from their contractor, D&S Underground, for ditch cleaning and road preparation work (ready for Magnesium chloride treatment), from June 2023. The records show that ditch, culvert and sediment trap maintenance is a regular and ongoing activity – this is borne out by observations made during inspections over several years.

In order to mitigate the risk of a similar occurrence happening again MCC plans to install concrete barriers on the north side of D5E-1A, just inside the gate. This proposal should be made formally with a Minor Revision application.

#### DOCUMENTS RECEIVED

- Photographs of cleaned sediment trap (Figures 14 and 15)
- Weather station data (Appendix A)
- Surface maintenance records (Appendix B)

### **OTHER (SPECIFY)**

N/A

### **ENFORCEMENT ACTIONS/COMPLIANCE**

Although it is a fact that uncontrolled storm water left the West Elk Mine's disturbed area and transported mine-related solids to the North Fork of the Gunnison River on August 28<sup>th</sup>, 2023, the Division does not find that MCC was in violation of the Rules or the conditions of the approved Permit Application Packet, so no enforcement action is warranted. The following points support this decision:

- The surface water control structures were designed in accordance with the Rules, and installed in accordance with the approved design.
- The surface water control structures were properly maintained.
- The storm event was of short duration, but unusually high intensity equivalent to the 25y60m event.
- The discharge was reported promptly and correctly by MCC.
- The damage was cleaned up by MCC and their contractors quickly and thoroughly.
- MCC has a plan to mitigate the risk of a similar event happing in the future.

## **PHOTOGRAPHS**



Figure 1: Approximate course of offsite discharge



Figure 2: Overview of discharge location



Figure 3: Drone image from north side of Highway 133 looking south, showing highway culverts with clean riprap and fresh straw bales



Figure 4: Drone image from north side of Highway 133 looking north, showing rip-rapped highway ditch leading to North Fork of the Gunnison River

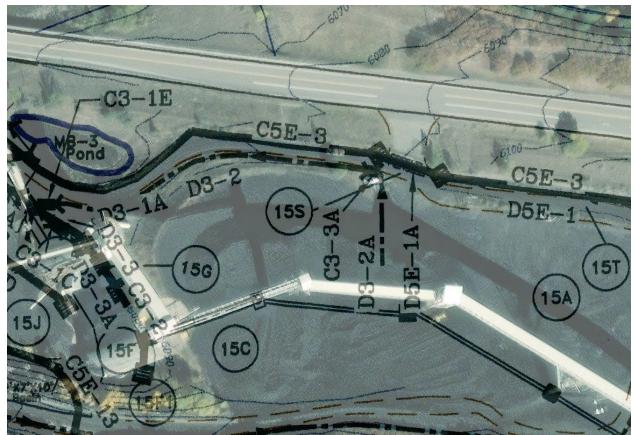


Figure 5: Screenshot of portion of Map 54, overlaid on Esri imagery basemap



Figure 6: Annotated drone image showing ditches and culverts around the discharge location



Figure 7: D3-2





Figure 9: MB-3 pond



Figure 10: D5E-1



Figure 11: Drop inlet from D5E-1 into C5E-3



Figure 12: C5E-3 at first drop inlet



Figure 13: Sediment trap at outlet of C5E-2 (right), inlet of C5E-1 (left). Needs to be cleaned out.



Figure 14: Sediment trap at outlet of C5E-2 following cleaning (1 of 2)



Figure 15: Sediment trap at outlet of C5E-2 following cleaning (2 of 2)



Figure 16: D5E-1A



Figure 17: Grating above drop inlet from D5E-1A into C5E-3



NOAA Atlas 14, Volume 8, Version 2 Location name: Somerset, Colorado, USA\* Latitude: 38.9267°, Longitude: -107.4667° Elevation: 6041 ft\*\* \*source: ESRI Maps \*\* source: USGS



### POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Deborah Martin, Sandra Pavlovic, Ishani Roy, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Michael Yekta, Geoffery Bonnin

NOAA, National Weather Service, Silver Spring, Maryland

PF tabular | PF graphical | Maps & aerials

#### PF tabular

	~			Averag	e recurrenc	e interval (y	ears)	co		
Duration	1	2	5	10	25	50	100	200	500	1000
5-min	0.134 (0.108-0.167)	0.181 (0.148-0.226)	0.259 (0.207-0.325)	0.324 (0.257-0.409)	0.414 (0.315-0.548)	<b>0.484</b> (0.359-0.654)	<b>0.554</b> (0.395-0.776)	0.626 (0.426-0.911)	0.722 (0.470-1.09)	0.795 (0.503-1.23
10-min	0.196 (0.158-0.245)	<b>0.265</b> (0.213-0.332)	0.379 (0.303-0.475)	<b>0.474</b> (0.377-0.598)	0.606 (0.461-0.803)	0.708 (0.525-0.958)	0.812 (0.579-1.14)	0.917 (0.624-1.33)	1.06 (0.688-1.60)	<b>1.16</b> (0.737-1.80
15-min	0.240 (0.192-0.299)	0.324 (0.260-0.404)	0.462 (0.370-0.580)	0.578 (0.459-0.730)	0.739 (0.563-0.979)	0.864 (0.641-1.17)	0.990 (0.706-1.38)	1.12 (0.761-1.63)	1.29 (0.839-1.95)	1.42 (0.899-2.20
30-min	0.293 (0.235-0.365)	0.399 (0.320-0.499)	<b>0.571</b> (0.456-0.716)	<b>0.711</b> (0.564-0.897)	0.900 (0.682-1.18)	1.04 (0.772-1.40)	1.18 (0.843-1.65)	1.32 (0.899-1.92)	1.51 (0.978-2.27)	1.64 (1.04-2.54)
60-min	0.375 (0.301-0.468)	0.485 (0.389-0.606)	0.663 (0.530-0.832)	0.809 (0.643-1.02)	1.01 (0.764-1.32)	1.16 (0.856-1.55)	1.30 (0.928-1.82)	1.45 (0.984-2.10)	1.64 (1.06-2.47)	1.78 (1.13-2.75)
2-hr	0.457 (0.369-0.566)	<b>0.571</b> (0.461-0.709)	0.756 (0.608-0.942)	0.907 (0.725-1.14)	<b>1.11</b> (0.851-1.45)	<b>1.27</b> (0.946-1.69)	1.42 (1.02-1.96)	1.57 (1.08-2.25)	1.77 (1.16-2.64)	1.92 (1.23-2.93)
3-hr	0.544 (0.441-0.671)	0.647 (0.524-0.799)	0.815 (0.658-1.01)	0.956 (0.768-1.19)	1.15 (0.886-1.50)	1.30 (0.976-1.72)	1.45 (1.05-1.99)	1.60 (1.11-2.28)	1.80 (1.19-2.67)	1.96 (1.26-2.96)
6-hr	0.722 (0.589-0.885)	0.822 (0.669-1.01)	0.990 (0.803-1.22)	1.13 (0.914-1.40)	1.34 (1.04-1.73)	1.50 (1.14-1.98)	1.67 (1.22-2.27)	1.84 (1.29-2.60)	2.08 (1.39-3.05)	2.27 (1.47-3.38)
12-hr	0.939 (0.769-1.14)	1.07 (0.874-1.30)	1.29 (1.05-1.57)	1.48 (1.20-1.82)	1.75 (1.37-2.25)	1.97 (1.51-2.57)	2.20 (1.62-2.96)	2.44 (1.72-3.40)	2.76 (1.87-3.99)	3.02 (1.98-4.44)
24-hr	1.19 (0.981-1.44)	1.36 (1.12-1.65)	1.65 (1.38-2.01)	1.90 (1.55-2.32)	<b>2.27</b> (1.79-2.89)	2.56 (1.97-3.31)	2.86 (2.12-3.82)	3.18 (2.26-4.38)	3.61 (2.47-5.15)	3.95 (2.62-5.73)
2-day	1.48 (1.23-1.78)	1.70 (1.40-2.04)	2.05 (1.69-2.47)	2.36 (1.94-2.86)	2.80 (2.22-3.52)	3.14 (2.44-4.03)	3.50 (2.62-4.62)	3.88 (2.78-5.28)	4.39 (3.03-6.17)	4.79 (3.21-6.84)
3-day	1.69 (1.41-2.02)	1.94 (1.61-2.31)	2.34 (1.94-2.81)	2.68 (2.21-3.23)	3.16 (2.52-3.96)	3.54 (2.76-4.50)	3.92 (2.95-5.13)	<b>4.32</b> (3.12-5.82)	4.85 (3.37-6.75)	<b>5.26</b> (3.56-7.46)
4-day	1.86 (1.55-2.22)	2.13 (1.77-2.54)	2.56 (2.13-3.07)	2.93 (2.42-3.52)	3.44 (2.74-4.28)	3.83 (2.99-4.84)	<b>4.23</b> (3.19-5.50)	4.64 (3.36-6.22)	5.18 (3.61-7.17)	5.60 (3.80-7.88)
7-day	2.28 (1.91-2.71)	2.58 (2.16-3.06)	3.06 (2.55-3.63)	3.46 (2.86-4.13)	4.00 (3.21-4.94)	4.43 (3.48-5.55)	4.86 (3.69-6.25)	<b>5.29</b> (3.86-7.01)	5.86 (4.12-8.01)	6.30 (4.31-8.76)
10-day	2.64 (2.22-3.12)	2.96 (2.48-3.49)	3.47 (2.90-4.11)	3.90 (3.24-4.64)	4.48 (3.61-5.50)	4.94 (3.89-6.15)	5.39 (4.11-6.88)	5.84 (4.28-7.69)	6.45 (4.55-8.74)	6.91 (4.76-9.54)
20-day	3.62 (3.06-4.24)	4.03 (3.40-4.72)	<b>4.68</b> (3.94-5.50)	<b>5.22</b> (4.36-6.16)	5.94 (4.81-7.20)	<b>6.49</b> (5.14-7.98)	<b>7.02</b> (5.40-8.86)	<b>7.56</b> (5.59-9.80)	8.25 (5.88-11.0)	8.77 (6.11-11.9)
30-day	<b>4.42</b> (3.74-5.15)	<b>4.91</b> (4.16-5.74)	5.71 (4.81-6.68)	6.34 (5.32-7.46)	<b>7.19</b> (5.84-8.65)	7.82 (6.22-9.55)	8.43 (6.50-10.5)	9.02 (6.70-11.6)	9.77 (7.00-12.9)	10.3 (7.23-13.9)
45-day	5.40 (4.59-6.27)	6.03 (5.12-7.00)	<b>7.01</b> (5.93-8.17)	7.78 (6.56-9.11)	8.79 (7.15-10.5)	9.52 (7.60-11.5)	10.2 (7.91-12.7)	10.9 (8.11-13.8)	11.7 (8.41-15.3)	<b>12.2</b> (8.64-16.3)
60-day	6.23 (5.31-7.21)	6.97 (5.94-8.08)	8.12 (6.89-9.43)	9.02 (7.62-10.5)	10.2 (8.28-12.1)	11.0 (8.78-13.2)	11.7 (9.11-14.4)	12.4 (9.30-15.7)	13.3 (9.59-17.2)	13.8 (9.81-18.4)

<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

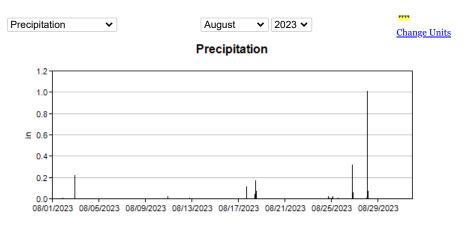
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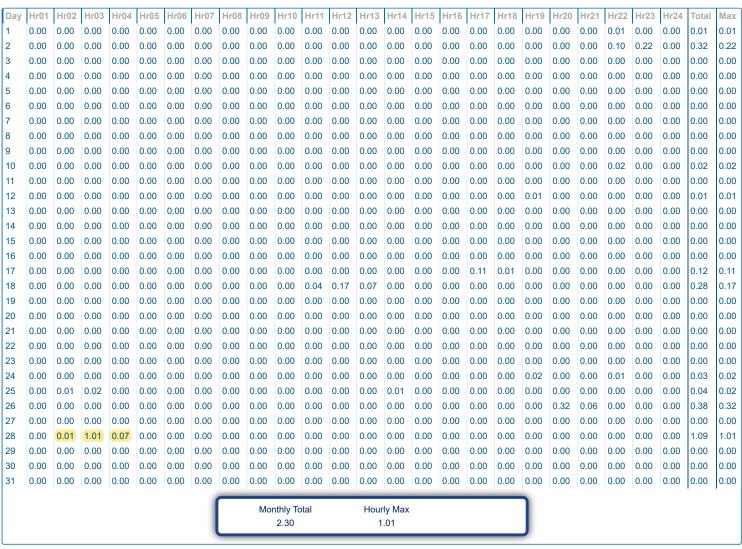
Figure 18: Precipitation Frequency Data Table for Somerset, CO

# Appendix A: Weather station data

Home Weather

Current Conditions Monthly Data Historical Data Summary





**Export To Excel** 

		Wind	Wind	Wind	Sigma	2 Meter	10 Meter		Relative	Hourly
		Speed	Gust	Direction	Theta	Temperature	Temperature	Delta T	Humidity	Precipitation
Date	Hour	(mph)	(mph)	(°)	(°)	(°C)	(°C)	(°C)	(%)	(in)
8/28/2023	115	9.8	17.2	105.1	14.9	15.3	15.2	-0.06	73.98	0
8/28/2023	130	8.9	19.5	122.1	26.9	15.4	15.3	-0.08	72.76	0
8/28/2023	145	6.5	13.7	113.0	29.4	15.3	15.3	-0.05	72.38	0
8/28/2023	200	8.5	13.3	125.7	18.3	15.1	15.1	0.03	74.30	0.01
8/28/2023	215	6.9	14.9	169.8	56.7	14.5	14.9	0.38	77.59	0.14
8/28/2023	230	9.0	20.2	275.2	22.7	13.6	14.3	0.68	84.80	0.61
8/28/2023	245	3.8	9.4	262.3	52.7	13.7	14.4	0.69	89.10	0.22
8/28/2023	300	4.2	9.4	119.5	57.4	13.8	14.6	0.79	90.20	0.04
8/28/2023	315	6.8	15.3	113.4	19.6	13.8	14.3	0.44	90.40	0.03
8/28/2023	330	10.7	21.5	86.2	19.9	13.7	13.8	0.18	90.80	0.03
8/28/2023	345	12.2	24.7	89.2	21.8	13.8	13.9	0.08	91.10	0.01
8/28/2023	400	17.1	28.4	73.0	15.0	14.1	14.4	0.34	90.70	0
8/28/2023	415	13.9	24.3	73.2	14.3	14.6	15.1	0.56	89.60	0
8/28/2023	430	9.8	19.2	94.3	26.7	14.8	15.3	0.44	87.70	0
8/28/2023	445	7.5	14.7	89.4	19.2	14.4	14.6	0.18	86.40	0
8/28/2023	500	5.6	13.1	106.2	26.1	14.2	14.3	0.14	87.20	0

Appendix B: Surface maintenance records

	SURFACE OPERATIONS S	
DATE: 4 / 1 / 23	SHIFT: GRAVE DAY SWING	WKND SUPERVISOR: JClaws
		Dan, Justin, Travis
Prep Plant Operator:	ke, Nathan, Do	minic
Absent/Reason:		
	TASKS PERFORI	
Coal Handling: Pusk	o Prep Plant, Push	haway ST5 Road Along Rom Pile
Havi Refuse	e, Clean North R	load Along ROM Pile
Tunin I anding		A F
Train Loading : Train ID & Customer	Loaded from	Delays/Concerns
	NULL SECTION	
-	1 4: 0 ±	+ 501-0
Facilities Cleaning: 5 hs	p inspection bot	10m of 3,10).
Projects Complete:	p inspection Bot sh Run, Fuel H	eqte()
Equipment Status: _Sevi	turnover infori ce LD10 Complete	750 Hr SU12871 W/0
Train Information :	五 7 争	
Train ID & Customer	Current Location	Projected Arrival Time/Other
Projects in Progress:	Lean Ditches, Fuel	Refuse Equipment
Frel Pumas	Changing Roller	l Refuse Equipment rs the sampler Cutters
- 1 1 may		
Downtime Projects: Pe	rmiss	742
	- F	
Other Information: D	rain Containmen	+ @ TLO
		766

	SURFACE OPERATIONS SHIFT	REPORT
	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR:
م رادانی Operators Present:	cuy, Lomic, Adam, A), Shawn	
Prep Plant Operator: Alla,	Tyler	
Absent/Reason: Dale (53)	)	
39-	TASKS PERFORMED	
Coal Handling: Push to pl	ent , Durch away filmes	
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
	44.74	
Equipment Status: <b>Lucles</b>	TURNOVER INFORMATION	ON
	e C	
Train Information : Train ID & Customer	Current Location	Projected Arrival Time/Other
rrain ib & customer	Current Education	
Projects in Progress: 314	Gulch workly's Clean Ditches	
Downtime Projects:		
Other Information:		

	SURFACE OPERATIONS SHI	IFT REPORT
4 0 03		
		KND SUPERVISOR: J Clawso
perators Present: Rodge	er Pete Ernie Dan J	Justin
rep Plant Operator:	ke Nathan Travis	
bsent/Reason:Domi	nic	
	TASKS PERFORME	ED
coal Handling: Push	to Prep Plant, Push	away st 5
Haul Refuse		
<b>v</b> n = 0.05024		
rain Loading :	Looded from	Delays/Concerns
Frain ID & Customer	Loaded from	Delays/ Concerns
		E. A. C.
	**	
Projects Complete:	· · · · · · · · · · · · · · · · · · ·	V-19 Daily Fuel Pumps
- <del> </del>	TURNOVER INFORMA  CE BC 22, Fueled u	ATION
- <del> </del>	TURNOVER INFORMA	ATION UT 18
Equipment Status: <b>Servi</b> Train Information:	TURNOVER INFORMA	ATION
Equipment Status: <b>Servi</b> Train Information:	TURNOVER INFORMA	ATION UT 18
Equipment Status: <b>Servi</b> Train Information:	TURNOVER INFORMA  Ce BC 22, Fueled u	Projected Arrival Time/Other
Equipment Status: Servi	TURNOVER INFORMA  Ce BC 22, Fueled u	ATION UT 18
Equipment Status: Servi	TURNOVER INFORMA  Ce BC 22, Fueled u	Projected Arrival Time/Other
Equipment Status: Servi  Train Information:  Train ID & Customer  Projects in Progress:	TURNOVER INFORMA  Ce BC 22, Fueled u	Projected Arrival Time/Other
Equipment Status: <b>Servi</b>	Current Location    Current Location   Current Location   Current Location   Coal   Co	Projected Arrival Time/Other  Fast on Rom Pile
Equipment Status: Servi  Train Information:  Train ID & Customer  Projects in Progress:	Current Location    Current Location   Current Location   Current Location   Coal   Co	Projected Arrival Time/Other  Fast on Rom Pile

O

DATE: 4 / 4 1 2.3		FT REPORT
DAIL///	SHIFT: GRAVE DAY SWING WK	SUPERVISOR: J Clawson
Operators Present: Rodge	Seth 10 Hrs	Justin Travis
Prep Plant Operator: <b>Mil</b>	ke Nathan Dominic	
Absent/Reason:	<u></u>	
	TASKS PERFORME	D
Coal Handling: Push to	· Prep Plant Push	Coal from West Boundry
Posh away s	st5 clean up st3	Coal from West Boundry
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
7-	5.70 8	
0.7	1 1000 6 4 61	side Rom Push Snow derand TCI and Plant Feed
Equipment Status:	TURNOVER INFORMA	ATION
Equipment Status: DZ 8  Train Information:	Service Due	
		Projected Arrival Time/Other
Train Information :	Service Due	
Train Information :	Service Due	
Train Information: Train ID & Customer  Projects in Progress:	Service Due	Projected Arrival Time/Other
Train Information: Train ID & Customer  Projects in Progress:  Downtime Projects:	Current Location  rmiss, Moniter Fan	Projected Arrival Time/Other  Heaters
Train Information: Train ID & Customer  Projects in Progress:  Downtime Projects:	Creek Weekly Pu	Projected Arrival Time/Other

.

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Operators Present:	TASKS PERFORMENT  TO Prep Plant, Push Co  S, Push away ST I  Loaded from	Delays/Concerns
	Loaded from	Delays/Concerns
	and a comment	Onzac Freder
, - ·	romental Dailys was Sty Gulch Dailys  TURNOVER INFORMA  Lower Pile, D28	TION
Projects Complete:	TURNOVER INFORMA  Lower Pile, D28	TION D25 D29 ROM Pile
Projects Complete:	romental Dailys Wa Sty Gulch Dailys TURNOVER INFORMA	TION
Equipment Status: D27  Train Information:	TURNOVER INFORMA  Lower Pile, D28	TION D25 D29 ROM Pile
Equipment Status: D27  Train Information: Train ID & Customer  Projects in Progress: Peroperts: Ref	TURNOVER INFORMA  Lower Pile, D28	TION 025 p29 Rom Pile  Projected Arrival Time/Other
Projects Complete:	TURNOVER INFORMA Lower Pile, DZ8  Current Location  Miss, Clean Ditch,  + Pms, Road Main	TION 025 p29 Rom Pile  Projected Arrival Time/Other

	SURFACE OPERATIONS SHI	
DATE: 4/17/2	3 SHIFT: GRAVE DAY SWING WK	ND SUPERVISOR:
Operators Present:	t Jim Leno Tra	vis Seth
Prep Plant Operator:	mden Josh Mari	0
Absent/Reason:	gala at age of	
	TASKS PERFORME	TD ,
Coal Handling: <u>Rom</u> push on s	to 5+1 / push to	plant
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
	7r U/S	
Facilities Cleaning: Projects Complete:	an TCl Tail area From Jaly 3 in 514 gulo	om plug in legas
	TURNOVER INFORMA	ATION
Equipment Status: <u>ce</u> trouble Shut d		ation  own pump  Shot brakes on UT21
Equipment Status:	TURNOVER INFORMA place large wash do rivers door 835 / trouble eft tensioner on Di	ation  own pump  shot brakes on UT21  Z7
Equipment Status: ce trouble Shut d	TURNOVER INFORMA place large wash do rivers door P35 /trouble	ation  own pump  Shot brakes on UT21
Equipment Status:	TURNOVER INFORMA place large wash do rivers door 835 / trouble eft tensioner on Di	ation  own pump  shot brakes on UT21  Z7
Equipment Status: Ce trouble Shut d replaced be Train Information: Train ID & Customer	place large wash do rivers door P35 /trouble elt tensioner on Di  Current Location	Projected Arrival Time/Othe
Equipment Status: Ce trouble Shut d replaced be Train Information: Train ID & Customer	TURNOVER INFORMA place large wash do rivers door 835 / trouble eft tensioner on Di	Projected Arrival Time/Othe
Equipment Status: Ce trouble Shut d replaced be Train Information: Train ID & Customer	place large wash do rivers door P35 /trouble elt tensioner on Di  Current Location	Projected Arrival Time/Othe
Equipment Status:	TURNOVER INFORMATION Place large wash do rivers door 835 / trouble est tensioner on Discontinuous Current Location  Current Location  Delin Shop working on	Projected Arrival Time/Othe
Equipment Status:	place large wash do rivers door P35 /trouble elt tensioner on Di  Current Location	Projected Arrival Time/Othe
Equipment Status:	TURNOVER INFORMATION Place large wash do rivers door 835 / trouble est tensioner on Discontinuous Current Location  Current Location  Delin Shop working on	Projected Arrival Time/Othe
Equipment Status:	TURNOVER INFORMA  place large wash do  rivers door 835 / trouble  eft tensioner on Di  Current Location  Current Location  Desired beam on north s	Projected Arrival Time/Othe

	SURFACE OPERATIONS SHIFT	REPORT
	SHIFT: GRAVE DAY SWING WKND	
Operators Present: (1) V	t Jim Leno Travis	Seth
Prep Plant Operator:	mden Mario Jos	
Absent/Reason:		
	TASKS PERFORMED	
Coal Handling: Rom 7	to SHI / push to pla	nt/push st5
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
Facility and Status: 2. #	TURNOVER INFORMATI	
Clean uppe	BC22 back together e w silt traps and cocks	out of ditch
Train Information :		
Train ID & Customer	Current Location	Projected Arrival Time/Other
	10.00	THE REAL PROPERTY.
Projects in Progress 6	ak west siver and m	onitor pond
Projects in Progress:	akwash river and m	onitor pond
Projects in Progress:	akwesh river and m	eniter pend
	okwesh river and m	(9)
		(9)
Downtime Projects:		
Downtime Projects:		
Downtime Projects:		

( )

	SURFACE OPERATIONS SHI	TTREFORT
DATE: 5 / 2 / 23	SHIFT: GRAVE JAY SWING WK	SUPERVISOR: TClawson
Operators Present: Erni	e Pete Dan Mathew	(Lonnie 8)
	han, Mike Travis Justin 050	
Absent/Reason: Rodge	Justin 050	
	TASKS PERFORME	TD.
Coal Handling: Pust to	Prep Plant Push u	P Fines
push awa	Prep Plant Push u	,
Train Loading :	Loaded from	Delays/Concerns
Train ID & Customer	Loaded Hom	Delays, conserve
, ojects complete.	TURNOVER INFORMA	ATION
Equipment Status:	TURNOVER INFORMA a engine cristalled	ATION Fuel tank on P24 leaking
Equipment Status: DZ G	a engine installed	
Equipment Status: DZ G		Fuel tank on P24 leaking
Equipment Status: DZ G	a engine installed	Fuel tank on P24 leaking
Train Information : Train ID & Customer	a engine installed	Fuel tank on P24 leaking  Projected Arrival Time/Other
Equipment Status:	Current Location	Fuel tank on P24 leaking  Projected Arrival Time/Other
Equipment Status: D2 G  Train Information: Train ID & Customer  Projects in Progress: En	Current Location  Sand truck Permis	Fuel tank on P24 leaking  Projected Arrival Time/Other
Equipment Status: D2 G  Train Information: Train ID & Customer  Projects in Progress: En	Current Location  Sand truck Permis	Projected Arrival Time/Other

Mario Josh  TASKS PERFORMENT  ant / push Sines / Stacks  coaded from	Delays/Concerns  Delays/Concerns  Delays/Concerns
Mario Josh  TASKS PERFORMENT  ant / push Sines / Stack  coaded from  TURNOVER INFORMA	Delays/Concerns  Delays/Concerns  Delays/Concerns
TASKS PERFORMENT  ant / push 5  ines / Stack  coaded from  TURNOVER INFORMA	Delays/Concerns  Delays/Concerns  Delays/Concerns  TION
TASKS PERFORMENT  ant / push 5  incs / Stack  coaded from  sand finished we ntained  TURNOVER INFORMA	Delays/Concerns  Delays/Concerns  Delays/Concerns  TION
TASKS PERFORMENT  ant / push 5  incs / Stack  coaded from  sanc finished we ntained  TURNOVER INFORMA	Delays/Concerns  Delays/Concerns  Delays/Concerns  TION
cant / push Sinces / Stacks  coaded from  Sanc finished we ntained  TURNOVER INFORMA	Delays/Concerns  Delays/Concerns  Delays/Concerns  Delays/Concerns
sand Finished w	Delays/Concerns  Seeklys in Sly gulch  TION
sand Finished w	veeklys in Slygulch TION
sand Finished wontained TURNOVER INFORMA	veeklys in Slygulch TION
TURNOVER INFORMA	TION
TURNOVER INFORMA	TION
TURNOVER INFORMA	TION
Current Location	Projected Arrival Time/Other
The post of the second	4
	A R
th ditch on Rom g	lean on Stldrive towe
,	

ř .

	SURFACE OPERATIONS SHIFT R	
DATE: 5 / 13 / 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: 5,m
Operators Present:	t Travis Leno Jim	Seth
Prep Plant Operator:	mden Mario Josh	1
Absent/Reason:		
	TASKS PERFORMED	
Coal Handling:push Empty bunke	to plant / push	<i>S</i> † <i>S</i>
Train Loading :	respective glovers. If the	
Train ID & Customer	Loaded from	Delays/Concerns
	3 3 3 3 3 3	
Facilities Cleaning: Projects Complete:	oled trash  TURNOVER INFORMATIO	DN
Projects Complete:hav		
Projects Complete:have  Equipment Status:	TURNOVER INFORMATION	77
Projects Complete:have  Equipment Status:	TURNOVER INFORMATIO	
Projects Complete:have  Equipment Status:	TURNOVER INFORMATION	77
Equipment Status:	TURNOVER INFORMATION  VICE DZ7 / Fvelv  Current Location	77
Projects Complete:have  Equipment Status:	TURNOVER INFORMATION  VICE DZ7 / Fvelv  Current Location	77
Equipment Status:	TURNOVER INFORMATION  VICE DZ7 / Fvelv  Current Location	77
Equipment Status:	TURNOVER INFORMATION  VICE DZ7 / Fvelv  Current Location	77
Equipment Status:	Current Location	77
Equipment Status:	Current Location	77

0	SURFACE OPERATIONS SHIFT REI	PORT
DATE: <u>5</u> / <u>28</u> / <u>93</u>	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: Tan
Operators Present: Colin Len	ie, Levy, Adam, AJ, Sharper	
Prep Plant Operator: Allan 7	Flar	
Absent/Reason: Dele 50		
	TASKS PERFORMED	
Coal Handling: Publ to plan	+ , Pushaway finar , Push to tomin , push	Away St-5
Train Loading :	- KS E.	
Frain ID & Customer	Loaded from	Delays/Concerns
ACSCLM 12	5+4-42 ars 5+5 9 cms	
ALSMON 12	5+4-42 cms 5+5-9 cms	
Facilities Cleaning: Cleaned Topolets Complete: Sly Guld Reparted Feeders on LP-V	The Appen train, Clemet Around Dozer on Dailies/Weekly, escapeway Prilly A, Permiss, watered Roads, Opacity TURNOVER INFORMATION	,
Facilities Cleaning: Cleans 1 Projects Complete: Sly Gula	1, Kamiss, watered Roads, Officity	,
Facilities Cleaning: Cleaned T Projects Complete: Sty Gula Repaired Fenders on LP-V	1, Kamiss, watered Roads, Officity	,
Facilities Cleaning: Cleans Topices Complete: Sly Guld Repaired Feders as LP-V	1, Kamiss, watered Roads, Officity	,
Facilities Cleaning: Cleans Topicets Complete: Sly Guld Repaired Feders as LP-V Equipment Status:	TURNOVER INFORMATION	
Facilities Cleaning: Clean 17 Projects Complete: Sly Guld Repaired Feders as LP-V Equipment Status:  Train Information:	TURNOVER INFORMATION	
Facilities Cleaning: Clean 17 Projects Complete: Sty Guld Repaired Feeders an GP-V  Equipment Status:  Train Information:  Train ID & Customer	TURNOVER INFORMATION	
Facilities Cleaning: Clean A Projects Complete: Sly Guld Repaired Readers an LP-V Equipment Status:  Train Information:  Train ID & Customer  Projects in Progress: Wells	TURNOVER INFORMATION  Current Location	Projected Arrival Time/Other
Facilities Cleaning: Cleaned Topojects Complete: Sty Guld Repaired Feders and Control Federal Feders and Control Federal Fe	TURNOVER INFORMATION  Current Location  hauling Gob	Projected Arrival Time/Other
Facilities Cleaning: Clean 17 Projects Complete: Sty Gula Repaired Feders and CP-V  Equipment Status:  Train Information:  Train ID & Customer  Projects in Progress: Wells  Downtime Projects:	TURNOVER INFORMATION  Current Location  hauling Gob	Projected Arrival Time/Other
Facilities Cleaning: Clean A Topojects Complete: Sty Gulde Repaired Realizes and Co. P.	TURNOVER INFORMATION  Current Location  hauling Gob	Projected Arrival Time/Other

operators Present: <u>Scott</u>	SHIFT: GRAVE DAY SWING W	SUPERVISOR SA
		VKND SUPERVISOR:
rep Plant Operator:	Doug Ign Josh	
	Wyatt Babby	
bsent/Reason: <u>Leonard</u>	(050) Troy (053)	
	TASKS PERFORM	IED
coal Handling: Rom 70	ST/	Push to Washplant Push 5t5
		Push 575
rain Loading :	W	
rain ID & Customer	Loaded from	Delays/Concerns
Equipment Status: <u>(ue leal</u>	TURNOVER INFORM	
-		
Train Information :		
	Current Location	Projected Arrival Time/Other
Train Information :		Projected Arrival Time/Other
Train Information : Frain ID & Customer		

3/1	SURFACE OPERATIONS SE	HIFT REPORT
DATE: 6   5   23	SHIFT: GRAVE DAY SWING V	WKND SUPERVISOR: 5im
Operators Present:		8
Prep Plant Operator:	nden Mario Seth	
Absent/Reason:	1	
	TASKS PERFORM	1ED
Coal Handling: <u>pv5h</u> Rom to S	to plant / p	ush 5†5
Train Loading :		and the same of th
Train ID & Customer	Loaded from	Delays/Concerns
	34,7	
Tank at plant	TURNOVER INFORM	
Equipment Status: <u>Repe</u> State Fire Cepair Siz	done pms on Cl. Sing Screen South	on LD2 Stl, PlantFeed, The Weights
Train Information :		
Train ID & Customer	Current Location	Projected Arrival Time/Other
Projects in Progress: Sho	the people North side of RPE	water roads
Downtime Projects:		
	The second	
Other Information:		*
	1774	
		7

	SURFACE OPERATIONS SH	IFT REPORT
PATE: 6 / 6 / 23	SHIFT: GRAVE DAY SWING W	KND SUPERVISOR: R. Polsen
perators Present: <u>Pete</u> ,	Ernie, Dan, Butch, Travis	, Mathew
rep Plant Operator: Mike,	Nathan	
Absent/Reason: John Co.	50), Justin (056)	
	TASKS PERFORM	ED
Coal Handling: Out to of	ant Ouch away on ST5 &	STH. Push away on STI
Hauled Gob.		
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
	230	
	7 7 7	
Equipment Status: 103-7	ne brake is drapping.	
Train Information:		, S
Train ID & Customer	Current Location	Projected Arrival Time/Other
118		
Projects in Progress: <u>Shut</u>	tle people, water roads, w	porked on permis.
Downtime Projects:		
Other Information: Tim S.	stayed over to clean ditc	h on north side of RPE.
		113 TO 11

Operators Present: Leona	d, Troy, Scott, Doug, I	an, Josh
rep Plant Operator: Clay	Wyatt, Bobby	
Absent/Reason:		
	TASKS PERFORM	IED
Coal Handling: ROM I	lle	Push to Washplant Push 5+4+5+5
		Push 574 -375
Fusin Landing :		
Frain Loading :	Loaded from	Delays/Concerns
		,
K.		
	1ch Laily & weeklys  TURNOVER INFORM	IATION
Equipment Status: furled		IATION
Equipment Status: furled  Train Information:	TURNOVER INFORM	IATION
Equipment Status: furled  Train Information:	TURNOVER INFORM	IATION UE 10
Equipment Status: furled  Train Information:  Train ID & Customer	TURNOVER INFORM  DZ8, DZ7, fueled C  Current Location	IATION UE 10

	SURFACE OPERATIONS SHIFT	I REPORT
DATE: 6 / 15 / 23	SHIFT: GRAVE DAY SWING WKN	SUPERVISOR: Jim
	t Travis Jim Le	
	ario Seth	
absent/Reason:	den	
	TASKS PERFORMED	
Coal Handling: Rom pvsh 5t5	to Stl / push	to plant
rain Loading :		
Frain ID & Customer	Loaded from	Delays/Concerns
1		
Projects Complete:	e dailys in Slygu TURNOVER INFORMAT	
Equipment Status: _phill.		TION
Equipment Status: _philli Train Information :	TURNOVER INFORMAT	TION 5
Equipment Status: _philli Train Information :	TURNOVER INFORMAT	TION
Equipment Status: _philli Train Information :	TURNOVER INFORMAT	TION 5
Equipment Status: _phille Train Information : Train ID & Customer	TURNOVER INFORMAT	Projected Arrival Time/Other
Equipment Status: _phille  Train Information: Train ID & Customer  Projects in Progress:	Current Location	Projected Arrival Time/Other
Equipment Status: _phille  Train Information: Train ID & Customer  Projects in Progress:	Current Location	Projected Arrival Time/Other
Equipment Status: _phille  Train Information: Train ID & Customer  Projects in Progress:	Current Location  Current Location  Current a prople was	Projected Arrival Time/Other
Equipment Status: _phille  Train Information: Train ID & Customer  Projects in Progress:	Current Location  Current Location  Current a prople was	Projected Arrival Time/Other

	SURFACE OPERATIONS SH	IIFT REPORT
DATE: 6 / 17 / 23	SHIFT: GRAVE DAY SWING V	VKND SUPERVISOR: J Clawson
	Rodger Butch Tra	
	The Nathan Math	ew
Absent/Reason: Ernie	050 Dan 053	
	TASKS PERFORM	
Coal Handling: Posh +	o Prop Plant Push u	p Fines 5t3
Push away St 4	o Prep Plant Push u and 545	•
Train Loading : Train ID & Customer	Loaded from	Delays/Concerns
Equipment Status: Engi	TURNOVER INFORM Ne Work on D25	IATION
Train Information : Train ID & Customer	Current Location	Projected Arrival Time/Other
Hall ID & Customer	Current Escation;	, rejector
Projects in Progress:	rmiss, Clean up Grou	and level
Downtime Projects: <u>Gre</u>	ase Freder + Sizer an	nd TCI, Plant Feed
	1 3 3 7 7 7	
Other Information:	ad Quict line Ne	EW Battery RPE Pump
Airleak AC14		

	SURFACE OPERATIONS SHI	FT REPORT
DATE: 6 / 18 / 23		ND SUPERVISOR: J Clawson
AIL. <u>6</u> / <u>10.</u> / <u>20</u>	5111 1. GIVING 501	
Operators Present: Pete	Butch Rodger Tra	wis Mathew Justin
Prep Plant Operator:		
Absent/Reason: <u>Ernie O</u>	50 Dan 053	
(2)	TASKS PERFORME	ED.
Coal Handling: Push + Push gway 5+1	o Prep Plant f	oush up Fines St3 and St
Train Loading :	#f	
Train ID & Customer	Loaded from	Delays/Concerns
	Jeeklys Fan Checks  TURNOVER INFORMA  engine test Run	
Turin Information:	6.6 %	
Train Information : Train ID & Customer	Current Location	Projected Arrival Time/Other
	£ 15	
	7	
Projects in Progress: Wate	r Roads Permiss	
Downtime Projects: Hav	1 Spoil From Dita	h Cleaning to Back Road
211	S. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Other Information: New	Stop Signs @ Main S	hop intersection and Sly intersec

	SURFACE OPERATIONS SHIFT R	EPORT	
DATE: 6 1 19 1 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: Jim	
	n Travis Leno		
Prep Plant Operator:			
Absent/Reason:	den (Mc) Cust (053	)	_
	TASKS PERFORMED		
Coal Handling: push	to plant / push s	5+4/5	
Train Loading :			
Train ID & Customer	Loaded from	Delays/Concerns	
calpri 8	516-60 517-30	10523 3	:05
	nge R/R tires on UT	21	
Train Information : Train ID & Customer	Current Location	Projected Arrival Time/Other	e <sup>c.</sup>
Train ID & Customer	Current Eccation	Trojected Attival Time, o cite.	
Projects in Progress: 5h	ittle people / wate	er roads	
Dayyatima Draiosts			
Downtime Projects.			Ţ
Other Information:	1 Set Co. To Co. State.	· · · · · · · · · · · · · · · · · · ·	

	SURFACE OPERATIONS SHIFT	T REPORT
DATE: 6 / 22/ 23	SHIFT: GRAVE DAY SWING WKNI	SUPERVISOR: Jim
Operators Present:	t Jim Travis	
Prep Plant Operator: Max	rio Seth	
Absent/Reason: <u>Cam</u>	den (Vac) Leno (053)	)
	TASKS PERFORMED	
Coal Handling: Rom	to St1 / push	to plant
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
	TURNOVER INFORMATI	ION
	90 X 90	
Train Information: Train ID & Customer	Current Location	Projected Arrival Time/Other
Train is a customer	Current Eccution	s
Projects in Progress:	skon per miss	
Downtime Projects: Shut rive	on on ditch by gob b	in and rocks out of backson
Other Information:		

		4
	SURFACE OPERATIONS SHI	FT REPORT
DATE: 06/27/23	SHIFT: GRAVE DAY SWING WK	SUPERVISOR: JC19W504
Operators Present: <u>Pete</u>	Rodger Dan	
Prep Plant Operator:Mil@	. Nathan Travis	
Absent/Reason:	. Le	
¥ ,7a	TASKS PERFORME	
Coal Handling Push Au		
Push Fines 5	t3 Push Coal 5+2	ep Plant, toward St 1
	Push to Train	
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
Projects Complete:	Sly Gulch	
Equipment Status:	TURNOVER INFORMA	TION
Train Information :		
Train ID & Customer	Current Location	Projected Arrival Time/Other
Projects in Progress: Per 1	niss Water Roads	1
Downtime Projects:Chg	nge Rollers Cl Belt	10. F
Other Information:	to Clean Ditoly Si	outh Side St5

ATE: 6 / 30 / 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: I
•	,	
perators Present: Colh, De	le, Levy, Adam, Tyler, Shawn	, Josh
rep Plant Operator: Alla,	AJ, Bobby	- 1975 - 1975
Absent/Reason:		1 1
	TASKS PERFORMED	
and Handling D. A. Ja of	ant, Push to tran, Push away	Film Superation Films
ر مر محمد Loai Handling: مرابع	47, 1654 to 174m, 103m away	Tong Joopania Tong
	Augustina Parkly	
Train Loading :	,	
Frain ID & Customer	Loaded from	Delays/Concerns
0462831	574 88 cas 9,000 tens	
Projects Complete: Palle	Putter trap Clearing Sur April Change & top France at co Dead bod in Feder 4 on 121, watered TURNOVER INFORMATION	filled tube truck fur- dless 5t-1, P-35 Regained L Roads, Deer Creek We
Projects Complete: Reflice Trash on Shop its long Raderwall, Changes	Puttin, Charge & top Franc at co Dead bed in feoder 4 on 121, watered TURNOVER INFORMATION	filled tube truck fur- dless 5t-1, P-35 Regained L Roads, Deer Creek We
Projects Complete: Reflice Trash on Shop its long Rader woll, Changes	Puttin, Charge & top Franc at co Dead bed in feoder 4 on 121, watered TURNOVER INFORMATION	filled tube truck fur- dless 5t-1, P-35 Regained L Roads, Deer Creek We
Projects Complete: Refline Trash on Shop ins Longer Reserve W, Chinges Equipment Status:	Puttin Charge top francal co Dead bod in feoder 4 on 121, watered TURNOVER INFORMATION welch Dozers	filled hube truck fur- illers St.1, P.35 Repaired L Roads, Deer Creek We
Projects Complete: Reflice Trash run Shup ins Inner Reserve W, Changes Equipment Status:	Puttin, Charge & top Franc at co Dead bed in feoder 4 on 121, watered TURNOVER INFORMATION	filled tube truck fur- dless 5t-1, P-35 Regained L Roads, Deer Creek We
Projects Complete: Reflice Trush an Shop ins Inner Reserve W, Changes Equipment Status:	Puttin Charge top francal co Dead bod in feoder 4 on 121, watered TURNOVER INFORMATION welch Dozers	filled hube truck fur- illers St.1, P.35 Repaired L Roads, Deer Creek We
Projects Complete: Reflice Trush an Shop ins Inner Reserve W, Changes Equipment Status:	Puttin Charge top francal co Dead bod in feoder 4 on 121, watered TURNOVER INFORMATION welch Dozers	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Refline Trash run Shop ins Inner Reserve W, Chinges Equipment Status:  Train Information:  Train ID & Customer	Putting Change & top France at co Dead bed in Feder 4 an RI; watered TURNOVER INFORMATION welch Dozers	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Equipment Status:	Puttin Charge top francal co Dead bod in feoder 4 on 121, watered TURNOVER INFORMATION welch Dozers	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Equipment Status:	Putting Change & top France at co Dead bed in Feder 4 an RI; watered TURNOVER INFORMATION welch Dozers	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Reflice Trush an Shop ins James Reserved, Changes  Equipment Status:  Frain Information:  Frain ID & Customer  Projects in Progress:	Current Location  Current South on P24  Current South on P24	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Reflice Trush an Shop ins Inner Reserve W, Changes  Equipment Status:  Train Information:  Train ID & Customer  Projects in Progress: Pero	Current Location  Current South on P24  Current South on P24	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Refine Trash an Short instance in Short instance in Short instance in Projects in Projects:  Downtime Projects:	Current Location  Current Souls on P24	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Reflection Index Reserved , Changes In Equipment Status:  Train Information:  Train ID & Customer  Projects in Progress: Percent	Current Location  Current Souls on P24	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Reflice Trush an Shop instance Reserved, Changes  Equipment Status:  Train Information:  Train ID & Customer  Projects in Progress:  Downtime Projects:	Current Location  Current Souls on P24	filled tolde truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We
Projects Complete: Reflice Trash an Shop ins Inner Reserve W, Changes Equipment Status:  Train Information:  Train ID & Customer  Projects in Progress: Pero	Current Location  Current Souls on P24	filled hube truck fur- illers St.1, P.35 Repaired h Roads, Deer Creek We

	SURFACE OPERATIONS SHIFT R	REPORT
DATE: 7 / 4 / 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: Tax
Operators Present: <u>Levy</u>	, Dale, Tyler, Adam	
rep Plant Operator: Allan		
Absent/Reason: Colh 53	A.J-NO CALL No Show	
	TASKS PERFORMED	. *
Coal Handling: Push to p	last, Jush away fines	
	-200 A 100 A	
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
Facilities Cleaning: Projects Complete: WalterC& Read 5 , C	Turnover information	
Facilities Cleaning: Projects Complete: Sly Complete Sly	TURNOVER INFORMATIO	
Projects Complete: Sty Co	TURNOVER INFORMATIO	N
Projects Complete: Sty Complet	TURNOVER INFORMATIO	
Projects Complete: Sty Complet	TURNOVER INFORMATIO	N
Projects Complete: Sty Complet	TURNOVER INFORMATIO	N
Projects Complete: Sty Complet	Current Location	N
Projects Complete: Sty Complet	Current Location	N
Projects Complete: Sty Complet	Current Location  Sob, Permiss,	N
Projects Complete: Sty Complet	Current Location  Sob, Permiss,	N
Projects Complete: Sty Complet	Current Location  Cab, Perniss	N
Projects Complete: Sty Complet	Current Location  Cab, Perniss	N

	SURFACE OPERATIONS SHIFT RE	EPORT
DATE: 7 / 8 / 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: 251
Operators Present: Leonard	Troy Ian Doug Josh	
Prep Plant Operator: <u> </u>	cott Bobby	
Absent/Reason: Wyatt 65	60	
	TASKS PERFORMED	
Coal Handling: <u>Rom</u> Idle	(emptied Bunker)	fush to Washplant
Frain Loading:		
Train ID & Customer	Loaded from	Delays/Concerns
Tojecto dompieta.	TURNOVER INFORMATION	v
, -	TURNOVER INFORMATION	V
Equipment Status: <u>fueled</u> D  Train Information:	TURNOVER INFORMATION	
Equipment Status: <u>fueled</u> D	TURNOVER INFORMATION	Projected Arrival Time/Other
Equipment Status: <u>fueled</u> D	TURNOVER INFORMATION	
Equipment Status: <u>fueled</u> D	TURNOVER INFORMATION	
Equipment Status: fueled b  Train Information: Train ID & Customer  Projects in Progress: menitor +	Current Location  Lug out hot spots on 57.3 sepwell Olds to Washplant for	Projected Arrival Time/Other
Equipment Status: <u>fieled</u> De Train Information: Train ID & Customer  Projects in Progress: <u>Meditor</u> + Brought dompster from De	Current Location  Lug out hot spots on 57.3 sepwell Olds to Washplant for	Projected Arrival Time/Other
Equipment Status: fueled D  Train Information:  Train ID & Customer  Projects in Progress: printer +  Brought dompster from De  Downtime Projects: Cleaned	Current Location  Lug out hot spots on 57.3 sepwell Olds to Washplant for	Projected Arrival Time/Other  fines pile ald Belt Aress Teardown
Equipment Status: fueled D  Train Information:  Train ID & Customer  Projects in Progress: previotor +  Brought dumpster from De  Downtime Projects: Cleaned	Current Location    Current Location   dug out hotspots on 57.3     Exwell Blog to Washplant for 1000   around 57.5	Projected Arrival Time/Other  fines pile  ald Belt Aress Teardown

	SURFACE OPERATIONS SH	
DATE: 7 / 10 / 23	SHIFT: GRAVE SWING V	VKND SUPERVISOR:
Operators Present: 🟒 e ७ ११ व	rd Scott Troy Doag Ja	5 h
Prep Plant Operator:		
Absent/Reason: Wyat	T (050)	No.
	TASKS PERFORM	1ED
Coal Handling: Rom I.	dle	Push to separate ST2.
		Push to Train
3	- · · · · · · · · · · · · · · · · · · ·	
Train Loading:	Loaded from	Delays/Concerns
Train ID & Customer	Loaded Hom	Delays/ concerns
	·	
Projects Complete: 5/Y 9 4	Ich dailys Water	
	TURNOVER INFORM  TO BC 22 (done) fucles	IATION
Equipment Status: <u>ខេមិតរិវិទ</u> Train Information :	TURNOVER INFORM	ATION  DZ8
Equipment Status: <u>Γεβαίτς</u>	TURNOVER INFORM	IATION
Equipment Status: <u>ខេមិតរិវិទ</u> Train Information :	TURNOVER INFORM	ATION  DZ8
Equipment Status: sefairs  Train Information:  Train ID & Customer	TURNOVER INFORM TO BC 22 (done) fucles  Current Location	Projected Arrival Time/Ot
Equipment Status: repairs  Train Information:  Train ID & Customer	Current Location	Projected Arrival Time/Ot
Equipment Status: repairs  Train Information:  Train ID & Customer	Current Location	ATION  DZ8
Equipment Status: repairs  Train Information:  Train ID & Customer  Projects in Progress: Cutt.  Rom file & South Side	Current Location  Current Location  Matel at washpient  of 57-5, Watel So	Projected Arrival Time/Ot  Projected Arrival Time/Ot  Cleaned Ditch Southside
Equipment Status: repairs  Train Information:  Train ID & Customer  Projects in Progress: Cutt.  Rom file & South Side	Current Location	Projected Arrival Time/Ot  Projected Arrival Time/Ot  Cleaned Ditch Southside
Equipment Status: repairs  Train Information:  Train ID & Customer  Projects in Progress: Cutt.  Rom file & South Side	Current Location  Current Location  A part of 57.5 Watel So	Projected Arrival Time/Ot  Projected Arrival Time/Ot  Cleaned Ditch Southside

,	SURFACE OPERATIONS SHIFT	REPORT
DATE: 7 / 11 / 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR: Ian
Dperators Present: Delej L	Carrier	
operators Present: Lake	evy, 1712, noun	
Prep Plant Operator: Alla	, AJ, Shaws	
Absent/Reason: Colh 5		
	TASKS PERFORMED	
Cool Handling 266 L. +	rain, pish to plant, seperation is	roture 3 and 1
Coal Handling: 1004 to 1	Tall post to pun , separar e	
Train Loading :		
Train ID & Customer	Loaded from	Delays/Concerns
· · · · · · · · · · · · · · · · · · ·		
Facilities Cleaning:		
Projects Complete: Trash	run shop inspection, cleane	2 road south 5t-4
Filled lube truck		
Equipment Status:	TURNOVER INFORMATIO	DN
	<u> </u>	
Train Information :		
Train ID & Customer	Current Location	Projected Arrival Time/Other
	20,12 779	
	200 200	
Projects in Progress: Haulih	g Gub , Ektrical Parmiss , hu	stered reads
Downtime Projects:		
Downtime Projects:		
Other Information:		
	i	

	SURFACE OPERATIONS SHI	
ATE: 7 / 26 / 23	SHIFT: GRAVE DAY SWING WI	KND SUPERVISOR: Ed
	of Scott, Doug Josh I.	
rep Plant Operator: Clay	Wyatt Dobby	
Absent/Reason:	050)	
	TASKS PERFORM	ED
Coal Handling: ROM I	-Úle	Pushed road up fines pile o
Train Loading :		Delays/Concerns
Train ID & Customer	Loaded from	Delays/ Colicertis
Facilities Cleaning: Cleane. Projects Complete: haul 7	d around dozer faede rush shot inspection	r + Back Wall
Projects Complete: <u>haul t</u>	TURNOVER INFORM	
Facilities Cleaning: Cleane, Projects Complete: haul 7  Equipment Status: fueled  Train Information:	TURNOVER INFORM	ATION
Projects Complete: <u>hawl 7</u> Equipment Status: <u>fueled</u>	TURNOVER INFORM	
Projects Complete: <u>haul 7</u> Equipment Status: <u>fueled</u> Train Information:	TURNOVER INFORM	ATION
Projects Complete: haul 7  Equipment Status: fueled  Train Information:  Train ID & Customer	TURNOVER INFORM	ATION    Projected Arrival Time/Other

	SURFACE OPERATIONS SH	FT REPORT
ATE: 8 / 10 / 23	SHIFT: GRAVE DAY SWING W	SUPERVISOR: Zen
perators Present: Colih, T	yler, Dale, Levy	
rep Plant Operator: Allca	A); Shaws	
heant/Reason: Alum 50	Josnie 53	
bachty headers.	TASKS PERFORM	
oal Handling: Posh to	Plant, Push gway ste	
rain Loading :		
rain ID & Customer	Loaded from	Delays/Concerns
	TURNOVER INFORM	
Equipment Status:		
Equipment Status:  Train Information:		In tested Arrival Time/Other
	Current Location	Projected Arrival Time/Other
Train Information :		Projected Arrival Time/Other
Train Information : Train ID & Customer	Current Location	
Train Information : Train ID & Customer	Current Location	Projected Arrival Time/Other
Train Information: Train ID & Customer  Projects in Progress:	Current Location	Min Rexid
Train Information: Train ID & Customer  Projects in Progress: Lucke	Current Location  Boom	Lúin Rexid
Train Information: Train ID & Customer  Projects in Progress: Lucke	Current Location  Brown C	Lúin Rexid

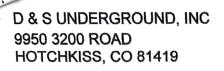
( )

Ternier et al. Care Et		SURFACE OPERATIONS SHI	
TASKS PERFORMED  TASKS PERFORMED  Oal Handling: ROM Idle Push to Washplant  Push to Train  Push to Train  Delays/Concerns  Facilities Cleaning: Cleaned TLO After train  Projects Complete: Heal trash, shep inspection  TURNOVER INFORMATION  Equipment Status: refilled ut 18, fueled DZ 7, DZ5, DZ9  Train ID & Customer  Current Location  Projected Arrival Time/O  Projects in Progress: Swept Sides of Read from gate to Arrival Time/O  Projects in Progress: Swept Sides of Read from gate to Arrival to by Generator)	ATE: <u>\$   11   23</u>	SHIFT: GRAVE DAY SWING WK	ND SUPERVISOR: El
TASKS PERFORMED  TASKS PERFORMED  Oal Handling: RDM Idle Push to Washplant Push to Train  Frain Loading:  Frain ID & Customer Loaded from Delays/Concerns  Frain ID & Customer Push frain  Frain ID & Customer Push frain  Frain ID & Customer Push frain  Frain Information:  TURNOVER INFORMATION  Equipment Status: refilled UT 18, fueled DZ 7, DZ 5, DZ 9  Train Information:  Train ID & Customer Current Location Projected Arrival Time/O  Projects in Progress: wept sides of Road from gate to Airking Lot  Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North side by Generator)	perators Present: Leonar	d Scott Troy Dong I	an
TASKS PERFORMED  TASKS PERFORMED  Oal Handling: RDM Idle Push to Washplant Push to Train  Frain Loading:  Frain ID & Customer Loaded from Delays/Concerns  Frain ID & Customer Push frain  Frain ID & Customer Push frain  Frain ID & Customer Push frain  Frain Information:  TURNOVER INFORMATION  Equipment Status: refilled UT 18, fueled DZ 7, DZ 5, DZ 9  Train Information:  Train ID & Customer Current Location Projected Arrival Time/O  Projects in Progress: wept sides of Road from gate to Airking Lot  Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North side by Generator)	rep Plant Operator: <u>Clay</u>	Wyatt Bobby	
TASKS PERFORMED  Oal Handling: RDM Idle Push to Washplant Push to Washplant Push to Train  Push to Washplant Push to Train  Delays/Concerns  Facilities Cleaning: Cleaned TLO After train Projects Complete: Haul trash, shep inspection  TURNOVER INFORMATION  Equipment Status: refilled UT-18, fueled DZ 7, DZ 5, DZ 9  Train Information: Train ID & Customer  Current Location  Projected Arrival Time/O  Projects in Progress: Swept Sides of Read from gate to Arking Lot  Downtime Projects: Took Air Compressor cooler to Nigen Bidg (Worth side by Generator)	bsent/Reason:	(053)	
Train ID & Customer    Cleaned TLO After Train   Projects Complete: Haul Hash, shop inspection   Current Location   Projected Arrival Time/O   Projects in Progress: Swept Sides of Road from gate To Arking Lot   Downtime Projects: Took Air Compressor cooler to Nigen Bidg (North Side by Generator)		TASKS PERFORME	ED.
Train ID & Customer  Loaded from  Delays/Concerns  Gacilities Cleaning: Cleaned TLO After Train  Projects Complete: Haul Hash, Shop 10 Spection  TURNOVER INFORMATION  Equipment Status: refilled UT 18, fueled DZ 7, DZ 5, DZ 9  Train Information:  Train ID & Customer  Current Location  Projected Arrival Time/O  Projects in Progress: Swept 5, des of Road from gate To Arking Lot  Downtime Projects: Took Air Compressor cooler to Nigen Bidg (North Side by Generator)	calllandling: ROM I	alle	Push to Washplant
Train ID & Customer    Cleaned TLO AFTER TRAIN   Projects Complete:   Haul Hash, Shep inspection	Oal Hariding,		Push To Train
Train ID & Customer    Cleaned TLO AFTER TRAIN   Projects Complete: Haul Hash, shep inspection   TURNOVER INFORMATION   Equipment Status: refilled UT18, fueled DZ7, DZ5 DZ9   Train Information: Train ID & Customer   Current Location   Projected Arrival Time/O   Projects in Progress: Swept Sides of Road from gate To Parking Lot   Downtime Projects: Took Air Compressor cooler to Niger Bidg (Worth Side by Generator)			
Facilities Cleaning: Cleaned TLO After train Projects Complete: Haul trash, Shop inspection  TURNOVER INFORMATION  Equipment Status: refilled UT-18, fueled DZ 7, DZ 5, DZ 9  Train Information: Train ID & Customer   Current Location   Projected Arrival Time/O  Projects in Progress: Swept Sides of Road from gate To forking Lot  Downtime Projects: Took Air Compressor coeler to Nigen Bldg (North Side by Generator)		Loaded from	Delays/Concerns
TURNOVER INFORMATION  Equipment Status: refilled UT 18, fueled DZ 7, DZ 5, DZ 9  Train Information: Train ID & Customer  Current Location  Projected Arrival Time/O  Projects in Progress: Swept Sides of Road from gate To farking Lot  Downtime Projects: Took Air Compressor coaler to Nigen Bidg (Worth Side by Generator)	Tail ID & Customer		
TURNOVER INFORMATION  Equipment Status: refilled UT 18, fueled DZ 7, DZ 5, DZ 9  Train Information: Train ID & Customer  Current Location  Projected Arrival Time/O  Projects in Progress: Swept Sides of Road from gate To farking Lot  Downtime Projects: Took Air Compressor coaler to Nigen Bidg (Worth Side by Generator)			
Train Information:  Train ID & Customer  Current Location  Projected Arrival Time/O  Projects in Progress: Swept Sides of Road from gate To Parking Lot  Downtime Projects: Took Air Compressor Cooler to Nigen Bldg (North Side by Generator)	acilities Cleaning: Cleaned	The After train	
Projects in Progress: Swept Side's of Road from gate To Parking Lot  Downtime Projects: Took Air Compressor cooler to Niger Bldg (Worth Side by Generator)	Projects Complete: Haul	TURNOVER INFORM	ATION
Projects in Progress: Swept Sides of Road from gate to Parking Lot  Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North Side by Generator)	Projects Complete: #aul 7	TURNOVER INFORM	ATION
Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North side by Generator)	Projects Complete: #\(\text{Have}\)  Equipment Status: \(\frac{\text{ref.}\llogorement}{\text{Train Information}}\):	TURNOVER INFORM	ATION 5,029
Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North side by Generator)	Projects Complete: #aul 7	TURNOVER INFORM	ATION
Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North side by Generator)	Projects Complete: #\(\text{Have}\)  Equipment Status: \(\frac{\text{ref.}\llogorement}{\text{Train Information}}\):	TURNOVER INFORM	ATION 5,029
Downtime Projects: Took Air Compressor cooler to Nigen Bldg (North side by Generator)	Projects Complete: #\(\text{Have}\)  Equipment Status: \(\frac{\text{ref.}\llogorement}{\text{Train Information}}\):	TURNOVER INFORM	ATION -5 <sub>,</sub> D29
Generator)	Equipment Status: refilled  Train Information:  Train ID & Customer	TURNOVER INFORM  UT. 18, fueled DZ 7, DZ  Current Location	ATION -5_029 Projected Arrival Time/Ot
Generator)	Equipment Status: refilled  Train Information:  Train ID & Customer	TURNOVER INFORM  UT. 18, fueled DZ 7, DZ  Current Location	ATION -5_029 Projected Arrival Time/Ot
Generator)	Equipment Status: refilled  Train Information:  Train ID & Customer  Projects in Progress: Swep	TURNOVER INFORM  TURNOVER INFORM  UT. 18, fueled DZ 7, DZ  Current Location  T Sides of Road from	Projected Arrival Time/Ot
Other Information:	Equipment Status: refilled  Train Information: Train ID & Customer  Projects in Progress: Swep  Downtime Projects: Took	TURNOVER INFORM  TURNOVER INFORM  UT. 18, fueled DZ 7, DZ  Current Location  T Sides of Road from	Projected Arrival Time/Ot  Projected Arrival Time/Ot  A gate To Parking Lot
	Equipment Status: refilled  Train Information: Train ID & Customer  Projects in Progress: Swep  Downtime Projects: Took	TURNOVER INFORM  TURNOVER INFORM  UT. 18, fueled DZ 7, DZ  Current Location  T Sides of Road from	Projected Arrival Time/Ot  Projected Arrival Time/Ot  A gate To Parking Lot
	Equipment Status: refilled  Train Information:  Train ID & Customer  Projects in Progress: Swep  Downtime Projects: Took Generator)	TURNOVER INFORM  TURNOVER INFORM  UT. 18, fueled DZ 7, DZ  Current Location  T sides of Road from  Air Compressor cooler to	Projected Arrival Time/Ot  Projected Arrival Time/Ot  A gate To farking Lot  Nigen Bldg (North Side by

	SURFACE OPERATIONS SHIFT REI	PORT	-7.7
DATE: 8 / 15 / 23	SHIFT: GRAVE DAY SWING WKND	SUPERVISOR:	in
	t Jim Través Leno		
Prep Plant Operator:	nden Mario Craig	Brandon	
Absent/Reason:			
	TASKS PERFORMED		
Coal Handling: prsh	to plant / push s	374/3	
Train Loading :		Delays/Concerns	
Train ID & Customer	Loaded from 5;16-50 5;7-40		3.
Calpri?	216 20 211		
Facilities Cleaning:  Projects Complete:  hawled true	led lube truck / Spray		
Projects Complete: Fuel havled Frus	5h	ı	k on
Projects Complete: Fuel havled Frus	TURNOVER INFORMATION	pair tank nec	
Projects Complete: Fue haved frus  Equipment Status: Sepa	TURNOVER INFORMATION	ı	
Equipment Status: Separation:	TURNOVER INFORMATION  is lights on UT21 / sep  of / Fix light on DZ9	pair tank nec	
Equipment Status: Separation:	TURNOVER INFORMATION  is lights on UT21 / sep  of / Fix light on DZ9	pair tank nec	
Equipment Status: Separation:	TURNOVER INFORMATION  is lights on UT21 / Sef  of / Fix light on DZ9  Current Location	pair tank nec	
Equipment Status: Separate Train Information: Train ID & Customer  Projects in Progress:	TURNOVER INFORMATION  is lights on UT21 / Sef  of / Fix light on DZ9  Current Location	Projected Arrival Ti	
Equipment Status: Separate Train Information: Train ID & Customer  Projects in Progress:	TURNOVER INFORMATION  is lights on UT21 / Sep  of / Fix light on DZ9  Current Location	Projected Arrival Ti	
Projects Complete: Fuel hawled Fruis  Equipment Status: Cepa  Train Information:  Train ID & Customer  Projects in Progress: Le  Downtime Projects: Le	TURNOVER INFORMATION  is lights on UT21 / Sep  of / Fix light on DZ9  Current Location	Projected Arrival Ti	
Equipment Status: Separate Train Information: Train ID & Customer  Projects in Progress:	TURNOVER INFORMATION  is lights on UT21 / Sep  of / Fix light on DZ9  Current Location	Projected Arrival Ti	

bsent/Reason: <u>Leonard</u> (053)  TASKS PERFOR	Doug
rep Plant Operator: <u>Clay</u> , Ian Bobby Absent/Reason: <u>Leonard</u> (053)	RMED
bsent/Reason: <u>Leonard</u> (053)  TASKS PERFOR	RMED
TASKS PERFOR	RMED
TASKS PERFOR	
Coal Handling: ROM TO STI	Push to Washplant
Odi nanuing	A
	Push 574, 513
rain Loading :	
Train ID & Customer Loaded from	Delays/Concerns
TURNOVER INFO	
Train Information :	Projected Arrival Time/Ot
Train ID & Customer Current Location	
Projects in Progress: Bladed in front of us s North side of 575 open Water re	shop; got drainage avoura
Downtime Projects: Feraired goarding on TC	-1 head (South Side)
	st 2
Other Information: dug out hot spots on stg +	

Frain Loading:  Frain ID & Customer  Facilities Cleaning:  Projects Complete: Sylvida  Transland Dedat, Republic	TASKS PERFORMENT  PUSHOWAY St 4/35,  Loaded from	Delays/Concerns  Delays/Concerns
bsent/Reason: Linnik 60  coal Handling: Push to plant  crain Loading:  crain ID & Customer  crain ID & Customer  crain Styling to plant  crain the plant of the plant  crain ID & Customer  crain ID & Customer	Loaded from  Loaded from  Heat house  Dailies 3 weekly, was  Trans leak on D2-8	Delays/Concerns  Delays/Concerns
Frain Loading:  Frain Loading:  Frain ID & Customer  Frain Scilities Cleaning:  Frain Science Projects, Republic	Loaded from  Loaded from  Heat house  Dailing 3 weekly, was	Delays/Concerns  Delays/Concerns
Coal Handling: Push to plent  Train Loading:  Train ID & Customer	Loaded from  Loaded from  Heat house  Dailing 3 weekly, was	Delays/Concerns  Delays/Concerns  Hack Roads, warked on Short
Frain Loading:  Frain ID & Customer  Facilities Cleaning:  Projects Complete: Sylvida  Transland Dedat, Republic	Loaded from  Loaded from  Heat house  Dailton 3 weekly, was  Trans leak on D2-8	Delays/Concerns  Delays/Concerns
Frain Loading:  Frain ID & Customer  Facilities Cleaning:  Projects Complete:  Frankland Dedat, Republic	Loaded from  Loaded from  Heat house  Dailton 3 weekly, was  Trans leak on D2-8	Delays/Concerns  Delays/Concerns
Facilities Cleaning: ST-1 Projects Complete: Sty Culculations Project, Republic	Heathouse I Duillas Bweekly, Wa tons leak on DZB	iteral Roads, ivertal an Short
Facilities Cleaning: ST-1 Projects Complete: Sychology Armstone Dedat, Zepairel	Heathouse I Duillas Bweekly, Wa tons leak on DZB	iteral Roads, ivertal an Short
i i		
Ĺ		
L		
	· · · · · · · · · · · · · · · · · · ·	
Train Information :	1	Projected Arrival Time/Other
Train ID & Customer	Current Location	Projected Arrival Time, Care
Projects in Progress: Election Setting up Sex Course Company  Downtime Projects:	Y T	ying 5+1 Sitructure off sty; wearking on hart sports
Other Information:		





\$12,562.50

Date 7/13/2023 Invoice # 829

Bill To

Mountain Coal Company c/o West Elk Mine P.O. Box 591 5174 Highway 133 Somerset, CO. 81434 Ship To

P.O. # Terms

WEHRHJ

Net 30

Ship Date

7/13/2023

Due Date

8/12/2023

**Balance Due** 

970-872-6160

Other

ltem	Description	Qty		Amount
WORK	WORK PERFORMED UNDER CONTRACT F PILE ASSIST, ROAD PREP FOR MAG CHLO CLEANING DITCH 6/26/23 THROUGH 6/27/2	RIDE AND	0.00	0.00
290 EXCAVA	6/26/23 OPERATING		1.5 250.00	2,875.00
OPERATOR	6/26/23 MINE HAUL TRUCK		1.5 65.00	-,
DUMP TRUCK	6/26/23 HAULING MATERIAL	9	9.5 135.00	
WATER TRU	6/26/23 WATER TRUCK OPERATING		2 145.00	,
EXCAVATOR	6/26/23 OPERATING 160LX		9.5 200.00	1,900.00
BLADE 290 EXCAVA	6/26/23 BLADE OPERATING	i i	2 150.00	
OPERATOR	6/27/23 OPERATING 6/27/23 MINE HAUL TRUCK		1.5 250.00	
DUMP TRUCK	6/27/23 HAULING MATERIAL	1	1.5 65.00	
WATER TRU	6/27/23 WATER TRUCK OPERATING	1	1 135.0 6 145.0	
OPERATOR	6/27/23 RANDY RUNNING MINE ROLLER		6 65.0	
BLADE	6/27/23 BLADE OPERATING		1 150.0	
			100	- ;
			4	
The state of the s		Subt	total	\$12,562.50
		Sale	s Tax (0.0%)	\$0.00
		Tota	al	\$12,562.50
D & S UNDERG		Pavi	ments/Credits	\$0.00
Spady@tds.net	97	0-815-0100		\$40 E60 E



Randy Spadafora

(970) 872-6166 Cell 209-1924 9950 3200 Rd. Hotchkiss, CO

## SERVICE CALL INFORMATIION SHEET

## TOTAL LABOR HOURS WORKED BY CONTRACTOR'S EMPLOYEE(S)

Contractor's Name: Ox5 Cladinground INC		
P.O./Contract No. WEHRHT		
Description of work performed:		
Bob pile posist + rond prep for	Mag Chi	orida
Ditch Clenning		
Disch Chillian		
Actual Man Hours Worked by Contractor's Employees recorded below:		
	Worked Hours	Travel Hours
	Regular/OT	Regular/OT
Englassa Marsas		
Employee Names:	5086. La	
Nick 290	11/21	
Nicolne Operator Hard Truck Perter Dung Truck	111/21	
Poster Dunp Truck	1931	
Water Grack	12 1	
RAWDY 160	195 1	
Blade	12 1	
Nick 8,290	111/2 1	1 1
Nicolas Operator	1115_1	
Porter Oump Truck	<i>     </i>	/ /
water Track	161	/ /
RAWAY Operator Roller Blads	161	1 1
Blads	111	1 1
	1 1	1 1
Total Hours for Job	1831	1 1
10th 10th 10th 10th	1021	
Supervisor's Signature:		



FREE ESTIMATES

Randy Spadafora

(970) 872-6166 Cell 209-1924 9950 3200 Rd. Hotchkiss, CO

## SERVICE CALL INFORMATIION SHEET

TOTAL LABOR HOURS WORKED BY CONTRACTOR'S EMPLOYEE(S)

P.O./Contract No. WEHRNT		
Description of work performed:		
Golo Pile Puzp Rds for M	DAG CK	AN DIT
	. 1/	
	<del></del>	
Actual Man Hours Worked by Contractor's Employees recorded below:		
	Worked Hours	Travel Hou
	Regular/OT	Regular/O
Employee Names:		
Nick 290	1/1 /	
Nicholas operator on Cat April Track	///	
ZACK WATER Fruck	////////	
RANDE Roller "operator"	14/2/	
Black	165	
Nick 990	17/	
ZACK operator Naul Track		
Porter Dunp Track		
Water Truck	161	
Raudy Transport 160	10-1	
	1 1	
Total Hours for Job	. / /	1
1044104510150	,	