

June 3, 2019

Steve Christensen  
Utah Coal Program  
Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

**Subject: Status of Deer Creek Mine Disturbed Area Reclamation & Upper Terrace Access Road**

PacifiCorp's contractor mobilized to the site in February, 2019. Reclamation activities commenced along the belt line corridor starting at the Huntington Plant working up canyon due to the snowpack conditions at the mine site. At present, approximately 75% of the beltline corridor has been reclaimed. The contractor has also relocated the crushed concrete left over from demolition activities to the fill slopes. Work is also progressing at the coal bin area in Elk Canyon. In terms of reclamation of the disturbed area:

- Total reclaimed acres = 11.2 of the total disturbed 50.02 acres
  - Areas of reclamation -
    - Beltline Corridor:
      - Re-graded, pocked, seeded and hydro mulched
    - Lower Terrace above bathhouse pad:
      - Re-graded, roughened, seeded and hydro mulched
    - Upper Terrace:
      - See discussion below and attachment "Upper Terrace Evaluation May 29, 2019"
- % complete of the disturbed area = 22%
- % complete of the total earthwork = 8%, based on contractor estimate

Abundant winter snowpack and resultant spring runoff will dictate reclamation scheduling. As concerns of the flow from runoff impacting reclamation activities in Deer Creek Canyon (current flow estimate is approx. +2000 gpm), PacifiCorp has been discussing strategies with the contractor for regrading other areas until the flow in the canyon decreases to a manageable volume. The flow will need to decrease to approximately two hundred gpm or less in order to effectively divert it around any channel construction work in the main canyon.

The disturbed boundary of the Deer Creek Mine includes a narrow access road to the pre-law terraces above the mine site. This area, known as the "Terraces," (massive pre-law cut slopes above the Deer Creek Mine) was originally disturbed in the early 70's by Peabody Coal Company. Material from the terraces was used for valley fill to construct the mine site bathhouse, warehouse and shop pad. PacifiCorp accessed the road to the upper terrace in late

80's – early 90's to re-establish a drainage ditch to prevent runoff from the upper terraces saturating the lower terraces above the mine. Saturation of the lower terraces was causing instability of the rocky slopes resulting in minor rock falls in the bathhouse parking lot. Small scale equipment was used to create a flow path to re-directing precipitation to the west. DOGM issued PacifiCorp a violation for conducting coal mining and reclamation activities outside the approved disturbed boundary. The final outcome of the violation, in 1993, was that PacifiCorp included the upper terrace access road within the Deer Creek Mine disturbed boundary. Abatement of the violation required PacifiCorp to seed the area impacted during construction of the division ditch.

On May 29, 2019, PacifiCorp evaluated vegetation establishment along the upper terrace access road, see the attached photo summary – “Upper Terrace Evaluation May 29, 2019.” Over the last 25 years the area has stabilized and vegetation, including trees, has been established to a point where additional reclamation activities are not warranted. Photos 7 and 8 compare the pre-law terrace access road outside the disturbed boundary to that of the access road/ditch included in the disturbed area. Further disturbance within this area would only damage the establishment of vegetation that has already occurred; PacifiCorp does not intend to conduct further reclamation activities within this area.

If you have any questions or concerns regarding this notification, please contact myself at 435-687-4712 or Dennis Oakley at 435-687-4825.

Sincerely,



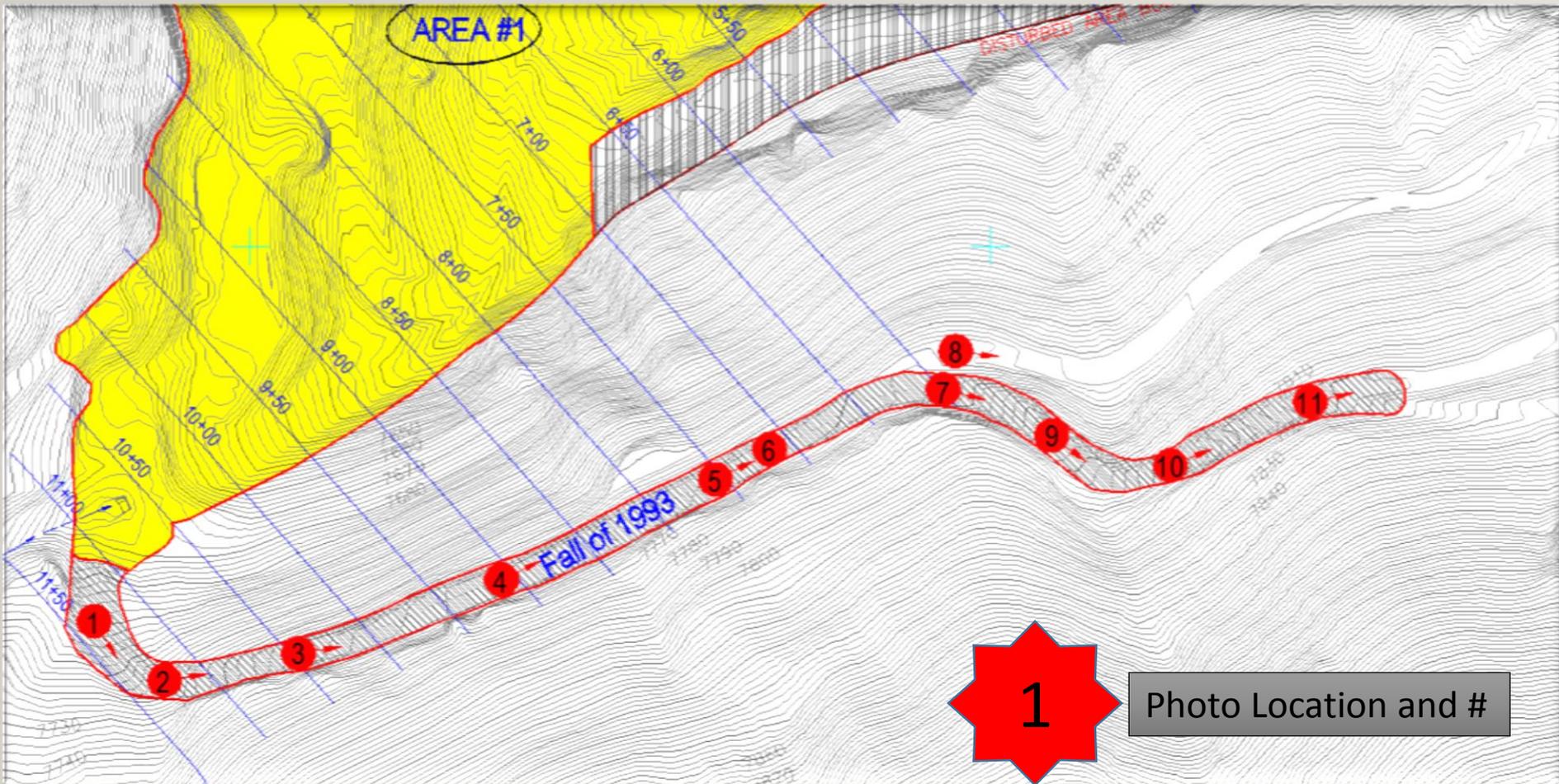
Kenneth Fleck

Geology and Environmental Affairs Manager

Enclosure: Upper Terrace Evaluation May 29, 2019.

Cc: Chuck Semborski, IMC  
Dennis Oakley, IMC  
Scott Child, IMC  
Karl Houskeeper, DOGM

Deer Creek Mine  
Final Reclamation Project  
Upper Terrace Evaluation  
May 29, 2019



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019



Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Near bypass culvert inlet.  
View to the south

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019

2

Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Near turn to the east.  
View to the east

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019

3

Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Top of turn to the east.  
View to the east

Disturbed  
boundary

PERIMETER  
DO NOT  
DISTURB



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019



Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Mid-Terrace Road Access  
Heading east.  
View to the east

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019



Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Mid-Terrace Road Access  
Heading east.  
View to the east

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019

6

Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Mid-Terrace Road Access  
Heading east.  
Close-up of under story  
vegetation establishment.



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019



Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Near turn to the south  
View to the southeast

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019



Deer Creek Mine  
Access Road to Terrace #2,  
Area not disturbed during  
drainage improvement  
project, not included in  
Disturbed Area.  
May 29, 2019  
Near intersection of Upper  
Terrace Road Access.  
View to the southeast



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019

9

Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Near turn to the east.  
View to the southeast

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019

10

Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
Steep turn to the east.  
View to the east.

Disturbed  
boundary



Deer Creek Mine  
Upper Terrace Evaluation  
May 29, 2019

11

Deer Creek Mine  
Upper Terrace Road  
May 29, 2019  
End of disturbed area.  
View to the east.

Disturbed  
boundary

