

March 15, 2023

State of Colorado
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203.

Re: *Raindance Reservoir #2 M-2012-049 Compliance Letter*
Project No. 0732.0383.00

Ms. Ridley:

In response to the Minerals Program Inspection Report done on March 9, 2023, the Mining Maps have been revised to include the area as described below.

While touring the mine site, the operator indicated that storm water is diverted from the site into a trench and pumped up the east side of the site (Photos 5 & 6). Water is then pumped under WCR 15 through a culvert and deposited into two pre-existing sediment ponds which then discharges to a point approximately two miles away into the Cache la Poudre River. This discharge is covered under NPDES Permit No. COR403818. However, these irrigation/sediment ponds currently exist outside of the permit boundary and occupy an approximately 0.5 acre area (Photo 7). Satellite imagery and Google Earth tools were used to calculate approximate acreage. Under Rule 1.1(3), settling ponds constitute 'affected land'.

The new total area affected area for the site will increase from 130-acres to 132-acres.

Please let me know if additional information is required at this time.

Sincerely,

TST, INC. CONSULTING ENGINEERS

Derek Patterson, P.E.



LEGEND

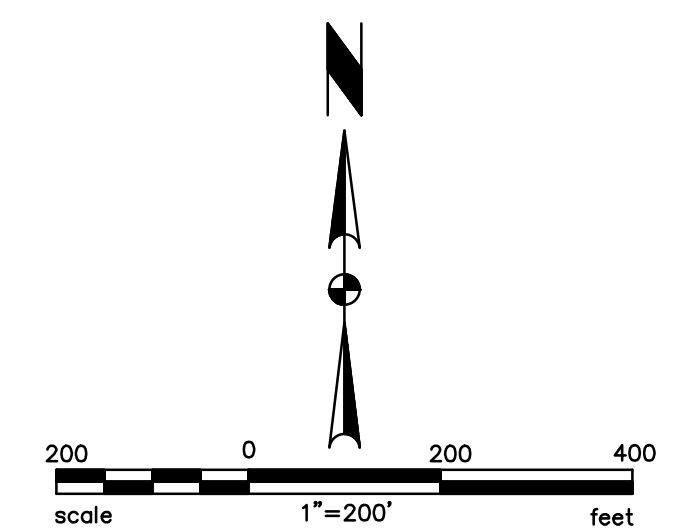
- EXISTING 5' CONTOUR
- EXISTING 1' CONTOUR
- EXISTING STORM DRAIN
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- FLOW ARROW
- FUTURE STORM LINE
- LIMIT OF DISTURBANCE
- HIGH WATER LINE
- 200' OFFSET LINE
- TOPSOIL STOCKPILE LOCATION
- SEEDING & MULCHING
- RECLAMATION AREA - RESERVOIR (WATER)
- RECLAMATION AREA - VEGETATION

NOTES:

- EXCAVATED/AFFECTED AREA FOR THIS PERMIT IS APPROXIMATELY 132 ACRES AND INCLUDES THE THREE ACCESS ROUTES.
 - ALL SIDE SLOPES TO BE RECLAIMED AT 3:1 OR LESS.
 - 4" OF TOPSOIL TO BE REPLACED WITHIN RECLAMATION AREAS.
 - BECAUSE THIS WILL ULTIMATELY BECOME A RESERVOIR, OVERBURDEN BORROW MATERIAL WILL NOT BE REPLACED. ALL BORROW MATERIAL TO BE HAULED OFFSITE OR STOCKPILED WITHIN THE PERMIT BOUNDARY.
 - STOCKPILES WILL REMAIN WITHIN PERMIT BOUNDARY UNTIL ALL MATERIAL CAN BE HAULED OUT. ONCE STOCKPILES HAVE BEEN REMOVED, AFFECTED AREAS WILL BE SEEDED & MULCHED.
 - SEEDING AND MULCHING TO BE INSTALLED PER RECOMMENDATIONS OF MILE HIGH FLOOD DISTRICT CRITERIA MANUAL VOLUME 2 CHAPTER 13: REVEGETATION, AND VOLUME 3 CHAPTER 7. DRILL SEED AS APPLICABLE.
- SEED MIX TO BE AS FOLLOWS:
SEEDING RATE = 10 LB/ACRE (PLS)
IF BROADCAST SEEDING USE DOUBLE THE RATE

NON-IRRIGATED PBSI NATIVE PRAIRIE SEED MIX

COMMON NAME	% OF MIX
WESTERN WHEATGRASS	24%
SIDE OATS GRAMA	20%
BLUE GRAMA	20%
GREEN NEEDLE	24%
BUFFALO GRASS	10%
SAND DROPSEED	2%
CONTACT: PAWNEE BUTTES SEED, 805 25TH ST. GREELEY CO. 80631 OR APPROVED EQUAL	TOTAL 100%



REVISIONS

NO.	DATE	DESCRIPTION

DRAWN

EKO

CHECKED

DAP

DESIGNED

EKO

FILENAME

0301_Special 112 Permit Map - Exhibit F

RAINANCE RESERVOIR #2

VIMA PARTNERS, LLC

CONSTRUCTION MATERIAL SPECIAL 112 OPERATION RECLAMATION - EXHIBIT F (RECLAMATION PLAN MAP)

TST, INC.
CONSULTING ENGINEERS
748 Whalers Way
Suite 200 Fort Collins
Colorado 80525
Phone: 970.226.0557

JOB NO.

0732.0383.00

SCALE

1" = 200'

DATE

MARCH 15, 2023

SHEET

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