



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

November 21, 2024

Kristin Fox
Travelers Casualty and Surety Company of America
10825 E Geddes Ave
Centennial, CO 80112

**RE: Permit No. M-1996-013, Carder, Inc. Hasty Pit
Completion of Reclamation at the Hasty Pit**

Dear Ms. Fox,

This letter is in regard to the Hasty Pit, File No. M-1996-013. On February 4, 2020, the Colorado Mined Land Reclamation Board revoked the Hasty Pit Permit and forfeited the financial warranty. The Division of Reclamation, Mining and Safety used the bond money to reclaim the site in 2022 and planted trees on the site in 2024. Attached are the closeout reports detailing how the forfeited funds were administered to reclaim the site.

If you have any questions, please do not hesitate to call me at 303-866-3567.

Sincerely,

TC Wait
Environmental Protection Specialist

Enclosure(s)



Colorado Inactive Mine Reclamation Program
CLOSEOUT REPORT
Hasty Pit Bond Forfeiture Project (M-1996-013)

Introduction:

Permit Information		
DRMS Permit Nos. (M-1996-013)	Operator Name Carder Inc.	Mine Names Hasty Pit
Type of Mine -Gravel		Commodity Mined- Aggregate

Pre-Reclamation Site Conditions

The Hasty Pit is located in the NE ¼ Section 33, Township 22 South, Range 50 West. The site is approximately 3 miles west of the town of Hasty in Bent County, Colorado. The pit is situated on top of a ridge overlooking the John Martin Reservoir to the south. Access to the site is from the northeast off Co Rd JJ. The site was an actively permitted mine. The permit was revoked and the bond was forfeited in 2020.

A new mining permit, the Wertz Pit M-2022-024 was approved by the DRMS in August of 2022. The new permit covers approximately half of the originally permitted area, encompassing the northern portion of the site. (See attached map)

The Hasty site encompasses approximately 55 acres of rangeland that was disturbed during a gravel mining operation. Rills and gullies have formed in the northeast portion of the site. Also, there were barren areas requiring seeding. Numerous stands of tamarisk were also found at the site.

Bidding/Construction Information

Butte Valley Construction was shown the site on August 9th, 2022 in order to obtain a bid for reclamation work. The bid was considered fair and reasonable and the purchase order for construction was issued on 9/13/22. The Notice to Proceed was issued on 9/13/22. Construction began on 9/15/2022.

Type of Bid		Discretionary Purchase	
Project Number 2023-4284	Contractor Name & Address Butte Valley Construction P.O. Box 146 Walsenburg CO, 81089	Construction Dates Start: 9/15/2022 End: 9/24/2022	Bond Amount: \$71,250.00 Project Cost Construction: \$49,475 Seed: \$1,198.80 PM Time charged to Bond

Construction Work Description

The reclamation work involved: 1) Grading erosion gullies to 3H:1V slopes 2) Removing, chipping and treating tamarisk stumps with herbicide. 3) Amending and revegetating approximately 8 acres.

Grading Erosion Gullies- Erosion gullies had formed on portions of the previously graded slopes. The gullies on the northern portion of the piles were not addressed as the area has been re-permitted for gravel mining. The gullies

on the southern portion of the property were graded to a 3H:1V slope and straw wattles were placed on the slope to prevent future erosion. Check dams were also created with on-site material to slow the flow of water in the backfilled gullies. Approximately seven hundred fifty cubic yards (750 CY) of fill was required to fill the erosion features. Fill was obtained on-site.

Tamarisk Eradication- Tamarisk (salt cedar) growth was pervasive throughout the disturbed areas, particularly on pit floors. Individual salt cedar plants were cut as close to the ground as possible with chainsaws and the brush was then chipped. The stumps were immediately treated with Habitat herbicide to prevent future growth. Approximately 12 acres (12 ac.) of tamarisk required mastication and treatment.

The landowner, Nathan Wertz, requested that several stands of tamarisk be left to provide habitat for wildlife. Two stands of tamarisk were left on the eastern edge of the permit boundary.

Revegetation:

Soil in the barren areas, including the access road was compacted and devoid of organic matter. Prior to seeding, these areas were ripped and Biosol Forte fertilizer was applied at a rate of 1,000 pounds per acre. Following preparation of the seed bed, the barren area and access road were hand broadcast with a custom seed mix. The seed mix, provided by the Las Animas County NRCS, contains native plant species specifically suited to the location. (see attached). Seed was incorporated mechanically. Mulch was not applied. Approximately 8 acres (8 ac.) were revegetated.

PRE-BID

Remaining Reclamation Requirements and Estimated Cost

Future reclamation should include spraying tamarisk stumps and other weed control on annual plants such as Russian Thistle and Kochia, if funding allows.

1)
Julie Annear
Project Manager
10/25/2022

2) 

Senior Project Manager
10/28/2022

Hasty Pit Project Photos

*Pre- Reclamation
Erosion Gullies and Barren Soil*



Pre-Reclamation- Erosion Gullies and Barren Soil



Tamarisk- Pre-Reclamation- Looking South



Tamarisk Removed-Looking South/Southwest From Pit



Grading Erosion Gullies and Installing Wattles



Ripping Access Road



Biosol Forte and Straw Wattles



Application of Biosol Forte and Custom Seed Mix



Removal and Chipping of Tamarisk



Hasty Pit-Graded and Seeded



*Hasty Pit-Erosion Gullies Graded and Seeded. Straw Wattles
Installed to Prevent Future Erosion*



Colorado Inactive Mine Reclamation Program
CLOSEOUT REPORT
Hasty Tree Planting Project (M-1996-013)

Introduction:

Permit Information							
DRMS Permit Nos. (M-1996-013)	Operator Name Carder Inc.	Mine Names Hasty Pit					
Type of Mine -Gravel		Commodity Mined- Aggregate					
<p><u>Pre-Reclamation Site Conditions</u></p> <p>The Hasty Pit is located in the NE ¼ Section 33, Township 22 South, Range 50 West. The site is approximately 3 miles west of the town of Hasty in Bent County, Colorado. The pit is situated on top of a ridge overlooking the John Martin Reservoir to the south. Access to the site is from the northeast off Co Rd JJ. The site was an actively permitted mine. The permit was revoked and the bond was forfeited in 2020.</p> <p>A new mining permit, the Wertz Pit M-2022-024, was approved by the DRMS in August of 2022. The new permit covers approximately half of the originally permitted area, encompassing the northern portion of the site. All reclamation took place in the southern portion of the site that was not encompassed by the new permit.</p> <p>The Hasty site encompasses approximately 55 acres of rangeland that was disturbed during a gravel mining operation. Rills and gullies in the northeast portion of the site were graded, as part of the Hasty project, in 2022. Also, barren areas were seeded and tamarisk eradicated in 2022. The landowner, Nathan Wertz, requested that the remaining bond monies be used to plant trees and eradicate tamarisk that had re-emerged.</p>							
<p><u>Bidding/Construction Information</u></p> <p>Butte Valley Construction submitted a bid for tree planting and tamarisk eradication in March of 2024. The bid was considered fair and reasonable and the purchase order (2024*10179) was issued in April of 2024. The Notice to Proceed was issued on April 28th, 2024. Construction began on April 29th, 2024.</p>							
<table style="width: 100%; border: none;"> <tr> <td style="width: 25%; border: none;">Type of Bid</td> <td colspan="3" style="border: none;">Discretionary Purchase</td> </tr> </table>				Type of Bid	Discretionary Purchase		
Type of Bid	Discretionary Purchase						
Purchase Order Number 2024*10179	Contractor Name & Address Butte Valley Construction P.O. Box 146 Walsenburg CO, 81089	Construction Dates Start:4/29/2024 End: 5/1/2024	Bond Amount: \$8,372.21 Project Cost Construction: \$6,497.21 Trees: \$1,875-One Canopy Nursery, Loveland Co				

Construction Work Description

The reclamation work involved: 1) Spraying tamarisk that re-emerged since 2022 2) Planting approximately 740 Eastern Plains Cottonwoods.

Tamarisk Eradication- Tamarisk (salt cedar) growth was treated with Habitat herbicide to prevent future growth. Approximately 12 acres (12 ac.) of tamarisk required treatment. The landowner, Nathan Wertz, requested that several stands of tamarisk be left to provide habitat for wildlife. Two stands of tamarisk were left on the eastern edge of the permit boundary.

Trees: Approximately 740 Eastern Plains cottonwood (*Populus deltoides*) seedlings were planted throughout the area previously reclaimed in 2022. Care was taken to plant trees in areas that were likely to retain moisture throughout the year. Trees were planted in 8 inch deep holes. Trees were watered immediately after planting and at the end of the planting day.

Remaining Reclamation Requirements and Estimated Cost

None

1)

Julie Annear
Project Manager
5/6/2024

2)



Senior Project Manager
5/6/2024