

Question 23. SUPPLEMENTAL INFORMATION UPLOAD

- Narrative Annual Report – Provides detail to answers on annual report questions.
- 2021 Tailing Storage Facility Evaluation Letter from AECOM
- 1 Dam Horizontal Drains – no new drains drilled in 2021
- Weed Control Data Tables

Annual Report – 2021
Climax Molybdenum Company - Climax Mine
Highway 91 – Fremont Pass
Climax, Colorado 80429
Permit No. M-1977-493

According to C.R.S. 34-32-116, each year, on the anniversary date of the permit, an operator shall submit the annual fee, an annual report and map showing the extent of current disturbances to affected land, required monitoring information, reclamation accomplished to date and during the preceding year, any new disturbance that is anticipated to occur during the upcoming year, the dates for the beginning of active operations, and the date active operations ceased for the year.

The 2021 Annual Report for Climax Mine (Climax) follows the format of the questionnaire that is posted on the Division of Reclamation, Mining and Safety's (DRMS) Minerals Reclamation Permit Annual Report webpage. Climax's responses to the questionnaire are provided below. Other supporting documentation including reclamation maps, environmental monitoring data, weed control, and tailing storage facility stability information are included in the upload sections of questions 21, 22, and 23.

Climax Responses to DRMS Annual Report Questionnaire

1. Yes. There is an identification sign posted on the east facing wall of the Climax main gate house that is visible from the entrance road.
2. Yes. Although boundaries are not marked in remote areas that are generally inaccessible due to the rugged terrain of the site, property boundaries at potential public access points are marked with Do Not Enter and No Trespassing signs. The Climax affected land boundaries also are clearly delineated on publicly available maps distributed with the AM-06 application; Climax believes that signage at public access points together with the AM-06 maps meet the intent of Rule 3.1.12(2) and (3).
3. No. Climax is not in final reclamation.
4. Excavation, hauling, processing, and tailing deposition activities are currently ongoing at Climax. The Annual report form requires a date in the field, so the anniversary date is displayed here (3/4/21).
5. Yes. Climax operates more than 180 days per year.
6. No. Climax has neither requested, nor been granted, approval for Temporary Cessation or Intermittent Operation during the reporting year.
7. No. Climax has neither requested, nor been granted, approval for Temporary Cessation or Intermittent Operation during the reporting year.

8. There are 4,188.9 acres of currently affected land, including mining and incomplete and/or unreleased reclamation. Climax is permitted for 7,908 acres within the AM-06 affected land boundary.
9. Climax has 19.2 acres of newly affected land for the current (2021) report year.
10. Climax did not reclaim any of its affected land during the current (2021) report year.
11. Climax estimates that up to 30 acres may become affected in the next (2022) report year.
12. Climax does not anticipate any new reclamation occurring in the next (2021) report year.
Areas where there is reclamation in progress will remain as indicated in question 13 below.
These areas include Lake Irwin, Robinson TSF, 1 Dam, 2 Dam, areas surrounding Robinson Lake, and areas north of 3 Dam.
13. The total acres in various stages of reclamation (not counting the 550.7 acres of bond released reclamation) since permitted mining activities began are as follows:
 - a. Total acres backfilled: NA – all reclamation earth-work consists of regrading.
 - b. Total acres graded: 800.2 acres
 - c. Total acres seeded with approved mix: 552.3 acres
 - In 2021, 1.3 acres on Robinson TSF were seeded.
 - d. Seed Application Method: Hydroseeding for slopes > 50% (Broadcast for all other areas.)
 - e. Total acres fertilized with approved fertilizer: 437.1 acres
 - In 2021, 1.3 acres on Robinson TSF were fertilized.
 - f. Fertilizer application method: Incorporation of Composted Biosolids or Hydroseeder.
The annual report form only allows for one entry, so “tractor spreader” is used to describe Incorporation of Composted Biosolids.
 - g. Total acres with topsoil replaced: 112.2
 - There were no acres topsoiled in 2021.
 - h. Topsoil replacement depth: 6 – 12 inches
 - i. Total acres mulched with approved mulch: 89.2
 - There were no acres mulched in 2021.
 - j. Mulch application rate: 1 ton per acre
 - k. Mulch application method: Crimping, with tractor

14. Yes. Weed control was conducted in accordance with the Weed Control Plan submitted in Amendment AM-06 and the weed species and control types are found on the maps uploaded in question 22. A weed control information narrative is provided in the supplemental information upload section.
15. Yes. As described in Amendment AM-06, adequate topsoil for reclamation has been identified/reserved within the affected land boundary. However, not all available cover material has been stripped and stockpiled. Climax has been segregating and stockpiling topsoil since 1979 based on areas of disturbance associated with mining activities. Although current soil stockpiles do not currently meet final reclamation needs, soil from future disturbed areas will continue to be stockpiled and Climax will utilize its biosolids composting operation to generate additional nutrient-rich topsoil amendment.
16. Yes. Stockpiled topsoil has been vegetated and stabilized.
17. N/A. Mining activities have not exposed groundwater.
18. Yes. All hazardous materials at Climax are stored within approved spill containment structures.
19. Yes. AM-06 approved financial warranty is sufficient to cover complete reclamation cost.
20. Yes. Climax's basis for legal right to enter (as described in AM-06) is still valid.
21. Yes. Annual monitoring information is uploaded in question 21. A narrative statement is included as a cover page with results of groundwater and surface water monitoring in 2021.
22. Climax has prepared several maps depicting the permit boundary, current affected area boundary and locations of the acreages specified in items 7 – 12. The maps included in Appendix 2 attached to this report are as follows:
 - a. Map 1 – Depicts the permit boundary, current affected area boundary, the acreage currently affected, the acreage that was newly affected in the reporting year.
 - b. Map 2 – Depicts the total acreage that has been reclaimed, and the acreage where reclamation is in progress.
 - c. Map 3 – Depicts the acreage where reclamation is in progress that has been graded and/or covered with topsoil.
 - d. Map 4 – Depicts the acreage where reclamation is in progress that has been seeded, mulched, or fertilized.
23. Information included in this section: This narrative, 2021 annual TSF evaluation letter from AECOM, and Weed Control information and tables.
24. Climax has not drilled any exploration/prospecting holes that have produced artesian flow.



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January 27, 2022

Ms. Diana Kelts
Environmental Manager
Climax Molybdenum Company- Climax Mine
Highway 91 – Fremont Pass
Climax, CO 80429

Subject: Rev 0, 1DRMS Annual (Year 2021) Tailings Storage Facility Evaluation, Tenmile and Mayflower Tailings Storage Facilities, Climax Mine, Permit No. M-1977-493

Dear Ms. Kelts:

AECOM, through its legacy company URS Corporation, serves as the Engineer of Record (EOR) for the Tenmile and Mayflower Tailings Storage Facilities (TSF) at the Climax Mine, located near Fremont Pass Colorado. AECOM has prepared this summary of our Annual (2020) TSF Evaluation as required by Section 6 of the Mayflower TSF Operations and Maintenance Manual (OMM) and as stated in the response letter dated June 23, 2014 from Climax Molybdenum Company to the Division of Reclamation, Mining, and Safety (DRMS):

DRMS initially requested that the annual TSF inspection/evaluation/certification report be submitted to DRMS within 30 working days of the inspection. Climax has requested that the report be included with the standard annual report for the site. DRMS will allow the submittal of the TSF certification report with the other annual report if Climax will commit to notifying DRMS within 30 days of the inspection (or sooner if possible) of any issues identified in the inspection report that require corrective actions or modification to the existing approved TSF plans.

It is our understanding you will include this annual letter to DRMS in compliance with your other annual reporting. Presented below is a summary of key observations made during 2021.

All of the tailings deposition occurred at the Mayflower TSF in 2021. Deposition through the leadoffs or cutouts at Mayflower TSF occurred generally from January 1 through May 23, 2021 and October 19 through December 31, 2021. Spigot deposition at Mayflower TSF occurred generally from May 24 through October 18, 2021. There was no spigot deposition or leadoff or cutout deposition campaigns at Tenmile TSF in 2021. However, the Tenmile TSF does have additional tailings storage capacity remaining that will continued be used to meet tailings storage and water management needs.

AECOM completed monthly site EOR reviews of the active TSF(s) from May to October 2021. The reviews included meeting with operations personnel and reviewing production and operational logistics, operational plans, tailings management challenges, and future plans for operating the dams. Our monthly inspections included reviewing tailings dam instrumentation, specifically reviewing piezometric elevations, inclinometer, InSAR, and GPS survey data, as available. We also completed monthly walking tours of the dams observing active and inactive tailings beaches, dam crests, abutments, downstream slopes, and toe areas. We also conducted a review of the horizontal and foundation drain outfalls, as accessible and applicable.



Ms. Diana Kelts
Climax Molybdenum Company
January 27, 2022
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No significant issues were identified in 2021 during the EOR site visits that required notification to the DRMS by Climax. Any maintenance issues during the EOR site visits were discussed with the Climax tailings operations staff and corrective action plans were developed and implemented.

As part of the Mayflower TSF operation, extension of the foundation subdrain system was completed along the right abutment. This work was started in late May 2021 with the majority of the work being completed in July and August 2021. This will support tailings deposition to an approximate tailings elevation of 10,710 feet.

Associated with the continued raise of the Mayflower TSF, the Mayflower TSF Flood Bypass Stage 2 Tower (Riser #2) construction was completed in 2021. This work was approved by the DRMS on March 19, 2020 under Technical Revision 31. A closeout report and as-built drawings were prepared by AECOM and submitted to DRMS by Climax under a separate cover. Riser #2 is expected to be in operation in 2023 based on current deposition forecasts.

The remote monitoring system provides continuous monitoring of piezometric elevations within the Climax TSFs. The system incorporates alarms based on piezometric elevation changes identified as either rate-of-change or threshold exceedances. Rate-of-change alarms are triggered when predetermined elevation changes occur over a prescribed period of time. Threshold elevations are specific to individual piezometers and provide redundant warnings should piezometric elevations rise above prescribed predetermined elevations. The monitoring system triggers alarms requiring immediate review.

AECOM reviews the piezometric data monthly on both the Tenmile and Mayflower TSFs. Piezometers levels are tracking in accordance with the design criteria. AECOM reviewed the annual movement monument, InSAR, and inclinometer data and found movement within the tolerance expected.

Based on observed conditions and technical information reasonably available to or generated by AECOM and provided to AECOM by Climax, the Tenmile and Mayflower TSFs have generally performed within expectations during 2021.

Continued diligence in monitoring embankment construction, decant pond levels, and instrumentation is essential to long term safety and performance of the structure. Correct operation of the tailings storage facility is essential, and it is incumbent upon Climax to maintain proper training of personnel. AECOM will continue to work with the Climax team to monitor the performance of the TSFs.

AECOM represents that our services are performed within the limits prescribed by the Client in a manner consistent with the level and skill ordinarily exercised by other consultants under similar circumstances. No representation to the Client, expressed or implied, and no other warranty or guarantee is included or intended.



Ms. Diana Kelts
Climax Molybdenum Company
January 27, 2022
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Please do not hesitate to call us with any questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Yenne". The signature is fluid and cursive, with the first name "Lisa" and last name "Yenne" clearly distinguishable.

Lisa R. Yenne, PE
Project Manager

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Summit County

PDWTP & North Entrance Gate

Date: 7/19/2021 10:38 AM to 4:15 PM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Daelynn Judd

Weather: Sunny 68 degrees F. **Wind:** 2 mph out of S

Site/Crop: Disturbed Area, Reclamation/Revegetation Area

Target Plants: Oxeye daisy - Leucanthemum vulgare - List B, Thistle, Canada - Cirsium arvense - List B, Thistle, Musk - Carduus nutans - List B, Toadflax, Dalmatian - Linaria dalmatica/genistifolia- List B, Mayweed chamomile - Anthemis cotula - List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Locktite MSO - Adjuvant	16 fl oz per acre	8 fl oz	0.00 fl oz per gallon
Spray Indicator - Blue Dye	12 fl oz per acre	6 fl oz	0.00 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.75 Oz (weight)	0.00 Oz (weight) per gallon
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per acre	16 fl oz	0.00 fl oz per gallon

Total Application: 0.5 acre

Application Notes: Treated North Entrance Gate road corridors and areas around the PDWTP station. Treated 1 single musk thistle plant by PDWTP building. Treated small patch of whitetop along road corridor.

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Summit County

5-Dam, East Interceptor Road, & Robinson Tailings Pond

Date: 7/20/2021 6:38 AM to 2:44 AM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Daelynn Judd

Weather: Sunny 49 degrees F. **Wind:** 1 mph out of N

Site/Crop: Disturbed Area, Reclamation/Revegetation Area

Target Plants: Oxeye daisy - Leucanthemum vulgare - List B, Thistle, Canada - Cirsium arvense - List B, Thistle, Musk - Carduus nutans - List B, Toadflax, Dalmatian - Linaria dalmatica/genistifolia- List B, Mayweed chamomile - Anthemis cotula - List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	3 fl oz	0.00 fl oz per gallon
Locktite MSO - Adjuvant	16 fl oz per acre	4 fl oz	0.00 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.375 Oz (weight)	0.00 Oz (weight) per gallon
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per acre	8 fl oz	0.00 fl oz per gallon

Total Application: 0.25 acre

Application Notes: Treated areas below Mayflower and 5-Dam. Treated the East Interceptor road side berms. Inspected areas around the Slug Plant and Lime Treatment Plant. Treated areas around Robinson Tailings Pond. Treated one musk thistle plant around the Slug Plant

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Eagle_

1-Dam & Robinson Dam

Date: 7/21/2021 6:34 AM to 2:12 PM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Daelynn Judd

Weather: Sunny 45 degrees F. **Wind:** 3 mph out of N

Site/Crop: Disturbed Area, Reclamation/Revegetation Area

Target Plants: Oxeye daisy - Leucanthemum vulgare - List B, Thistle, Canada - Cirsium arvense - List B, Toadflax, Dalmatian - Linaria dalmatica/genistifolia- List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	6 fl oz	0.00 fl oz per gallon
Locktite MSO - Adjuvant	16 fl oz per acre	8 fl oz	0.00 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.75 Oz (weight)	0.00 Oz (weight) per gallon
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per acre	16 fl oz	0.00 fl oz per gallon

Total Application: 0.5 acre

Application Notes: Treated areas around 1-Dam face and access road corridors. Treated west corner of Robinson Dam

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Eagle_

Robinson Dam

Date: 7/22/2021 10:13 AM to 10:49 AM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Daelynn Judd

Weather: Sunny 67 degrees F. **Wind:** 2 mph out of N

Site/Crop: Disturbed Area

Target Plants: Thistle, Canada - Cirsium arvense - List B, Toadflax, Yellow- Linaria vulgaris - List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** 35 GPA - M4 Backpack Spot Spray **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	1.5 fl oz	0.34 fl oz per gallon
Locktite MSO - Adjuvant	16 fl oz per acre	2 fl oz	0.46 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.1875 Oz (weight)	0.04 Oz (weight) per gallon
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per acre	4 fl oz	0.91 fl oz per gallon

Total Application: 0.125 acre

Application Notes: Treated utility road corridors below Robinson Dam and around Pump station

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Eagle_

Robinson Dam Face & 4-Dam Faces

Date: 7/22/2021 6:34 AM to 10:04 AM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Daelynn Judd

Weather: Sunny 47 degrees F. **Wind:** 1 mph out of SE

Site/Crop: Non-Crop Industrial

Target Plants: Woody Species Treatment

Application Equipment: SG 20 Backpack Sprayer **Equipment Rate:** 30 GPA - Stihl SG 20 Backpack Spot
Spray Application Method: Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	0.5 fl oz per acre	3 fl oz	0.02 fl oz per gallon
Locktite MSO - Adjuvant	1 fl oz per acre	6 fl oz	0.03 fl oz per gallon
Vastlan - 62719687 - Triclopyr 54.72%	6 fl oz per acre	36 fl oz	0.20 fl oz per gallon

Total Application: 6 gallon

Application Notes: Treated young woody vegetation on the Robinson Dam face and corners of the dam face. Treated woody vegetation on the inner and outer dam faces of 4-Dam. Did not spray mix adjacent to waters edge, cut back vegetation in or immediately adjust to water and applied Vaslan only.

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Eagle_

Eagle Reservoir & Robinson Dam

Date: 8/25/2021 8:58 AM to 3:06 PM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Tasha White

Weather: Sunny 64 degrees F. **Wind:** 1 mph out of NW

Site/Crop: Disturbed Area, Reclamation/Revegetation Area

Target Plants: Oxeye daisy - Leucanthemum vulgare - List B, Thistle, Canada - Cirsium arvense - List B, Toadflax, Dalmatian - Linaria dalmatica/genistifolia- List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	6 fl oz	0.00 fl oz per gallon
MSO - Adjuvant	16 fl oz per acre	8 fl oz	0.00 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.75 Oz (weight)	0.00 Oz (weight) per gallon
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per acre	6 fl oz	0.00 fl oz per gallon

Total Application: 0.5 acre

Application Notes: Treated areas below Eagle Reservoir. Treated access road corridors below 1 Dam and Chalk Mountain Reservoir dam face and access road.

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Summit County

Lake Irwin, Robinson Tailings

Date: 8/26/2021 4:55 AM to 8:17 AM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Tasha White

Weather: Clear 48 degrees F. **Wind:** 1 mph out of W

Site/Crop: Disturbed Area, Reclamation/Revegetation Area

Target Plants: Oxeye daisy - Leucanthemum vulgare - List B, Thistle, Canada - Cirsium arvense - List B, Thistle, Musk - Carduus nutans - List B, Thistle, Plumeless - Carduus acanthoides - List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	1.5 fl oz	0.00 fl oz per gallon
Locktite MSO - Adjuvant	16 fl oz per acre	2 fl oz	0.00 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.1875 Oz (weight)	0.00 Oz (weight) per gallon
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per acre	1.5 fl oz	0.00 fl oz per gallon

Total Application: 0.125 acre

Application Notes:

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No

Habitat Management, Inc.
Commercial Herbicide Applicator (CO #11318)
Herbicide Application Record



Location: Climax Mine **County:** Summit County

1 Dam, Billy Blvd, Main Security Entrance Gate, Arkansas River

Date: 8/27/2021 6:37 AM to 3:02 PM

Customer: Climax Mine and Mill Hwy 91 Leadville, CO 80461

Qualified Supervisor: Matt Clark #29724

Applicators: Matt Clark, Drew Gramer, Tasha White

Weather: Partly Cloudy 41 degrees F. **Wind:** 1 mph out of SW

Site/Crop: Disturbed Area, Reclamation/Revegetation Area

Target Plants: Oxeye daisy - Leucanthemum vulgare - List B, Thistle, Canada - Cirsium arvense - List B, Toadflax, Yellow-
Linaria vulgaris - List B

Application Equipment: Orange Kubota #4 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dilution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	3.6 fl oz	0.00 fl oz per gallon
MSO - Adjuvant	16 fl oz per acre	4.8 fl oz	0.00 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.45 Oz (weight)	0.00 Oz (weight) per gallon
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per acre	3.6 fl oz	0.00 fl oz per gallon

Total Application: 0.3 acre

Application Notes: Treated Area north of 1 Dam. Treated Billy Blvd road corridor up to main security entrance gate. Treated access road corridors down to Arkansas reclaim and around 3 Shaft.

NPDES COMPLIANCE (Only Applicable to Aquatic Sites)

Aquatic site: No

Use Pattern: Weeds and Algae

Is equipment properly calibrated? Yes

Did you conduct visual monitoring for adverse incidents? Yes

Were any adverse incidents identified? No