

**Question 23.**

**2024 DRMS REPORT – SUPPLEMENTAL INFORMATION UPLOAD**

- Narrative Annual Report – Provides detail to answers on annual report questions.
- 2024 Tailing Storage Facility Evaluation Letter from AECOM
- Weed Control Data Tables
- 1 Dam Horizontal Drains – no new drains drilled in 2024

**Annual Report – 2024**  
**Climax Molybdenum Company - Climax Mine**  
**Highway 91 – Fremont Pass**  
**Climax, Colorado 80429**  
**Permit No. M-1977-493**

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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 2024 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 (3/4/25).
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 4,516.4 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 101.3 acres of newly affected land for the current (2024) report year.
10. Climax did not reclaim any of its affected land during the current (2024) report year.
11. Climax estimates that up to 50.0 acres may become affected in the next (2025) report year.
12. Climax does not anticipate any new reclamation occurring in the next (2025) 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
    - In 2024, 0.0 acres were graded.
  - c. Total acres seeded with approved mix: 581.2 acres
    - In 2024, 30.3 acres were seeded.
  - d. Seed Application Method: Hydroseeding for slopes > 50% (Broadcast for all other areas.)
  - e. Total acres fertilized with approved fertilizer: 435.8 acres
    - In 2024, 0.0 acres were fertilized. Total acreage decreased from 437.1 in 2024 Report after extensively reviewing and reconciling past acreages.
  - 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: 120.8
    - There were 8.6 acres topsoiled in 2024.
  - h. Topsoil replacement depth: 6 – 12 inches
  - i. Total acres mulched with approved mulch: 119.5
    - There were 30.3 acres mulched in 2024.

- j. Mulch application rate: 1 ton per acre
  - k. Mulch application method: Hydromulch (assuming this is an option)
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. Climax significantly increased soil salvage quantities by approximately 2,500,000 CY between 2022-2024.
  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. Updated cost approved by DRMS in October 16, 2024 letter from Amy Yeldell.
  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 2023.
  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, 2024 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. Climax will submit exploration drill hole final abandonment report(s) within 12 months of any drill hole completion.

February 28, 2025

Mr. Alex Ungers  
Environmental Manager  
Climax Molybdenum Company  
Climax Mine  
Highway 91 - Fremont Pass  
Climax, CO 80429

**Subject: DRMS Annual (Year 2024) Tailings Storage Facility Evaluation, Tenmile and Mayflower Tailings Storage Facilities, Climax Mine, Permit No. M-1977-493**

Dear Mr. Ungers:

AECOM Technical Services, Inc. (AECOM) serves as the Engineer of Record (EOR) for the Tenmile and Mayflower Tailings Storage Facilities (TSFs) at the Climax Mine, located near Fremont Pass Colorado. AECOM has prepared this summary of our Annual (2024) 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 2024.

Tailings deposition in 2024 occurred at the Mayflower TSF and Tenmile TSF. Deposition occurred through leadoffs/cutouts from the start of the year until spigot deposition began on June 8. Spigot deposition with occasional leadoffs/cutouts deposition continued to October 28 where deposition transitioned back to only leadoffs/cutouts until end of the year. A summary of general deposition dates and location is provided in Table 1.

AECOM completed monthly site EOR reviews of the active TSF(s) from June to October 2024. 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.

No significant issues were identified in 2024 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.

**Table 1. 2024 Deposition Summary by Location and Dates**

Mayflower Cutouts/Leadoffs	Mayflower Spigots	Tenmile Cutouts/Leadoffs	Tenmile Spigots
January 31	June 12 to 27	January 2 to 30	June 8 to 11
February 1 to 20	July 1 to 31	February 21 to 29	September 10 to 14, 16 to 18
April 1 to 30	August 1 to 31	March 1 to 31	October 4, 10 to 12, 18 to 21, 23 to 28
May 1 to 31	September 1 to 5	April 1	
June 3 to 7		September 9, 15, 17, 18, 29	
September 2, 3, 7, 8		October 1 to 9, 13, 17	
October 22, 29 to 31		November 1 to 4	
November 8 to 30		December 13 to 24	
December 1 to 12, 25 to 31			

*Note: Deposition occasionally occurred in multiple areas on same dates. For longer deposition run periods in an area, dates may also include a few shutdown (no deposition) days.*

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 2024.

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.

Please do not hesitate to call us with any questions or comments.

Yours sincerely,



Lisa Yenne, PE  
Climax Mine TSF EoR  
AECOM  
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**Habitat Management, Inc.**  
**Commercial Herbicide Applicator (CO #11318)**  
**Herbicide Application Record**



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

North Gate, PDWTP, Mayflower

**Date:** 7/8/2024 11:32 AM to 3:25 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Jordan Bessent, Gage Krull

**Weather:** Sunny 64 degrees F.    **Wind:** 3 mph out of NW

**Site/Crop:** Disturbed Area, Reclamation/Revegetation Area, Right-of-way

**Target Plants:** Mayweed chamomile - Anthemis cotula - List B, Thistle, Canada - Cirsium arvense - List B, Toadflax, Yellow-Linaria vulgaris - List B

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray **Application**

**Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Telar XP - 352654 - Chlorsulfuron 75%	1.5 Oz (weight) per acre	0.375 Oz (weight)	1.5 Oz (weight) per acre
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per acre	8 fl oz	32 fl oz per acre
Trophy Gold - Adjuvant	16 fl oz per	4 fl oz	16 fl oz per
Spray Indicator - Blue Dye	12 fl oz per	3 fl oz	12 fl oz per

**Total Application:** 0.25 gallon

**Application Notes:** Treated main access road corridor from North Gate to Mayflower Substation. Treated areas not under construction around PDWTP.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?



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



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

5 Dam, Mayflower, 10 Mile

**Date:** 7/9/2024 6:39 AM to 2:13 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Sunny 45 degrees F.    **Wind:** 2 mph out of SW

**Site/Crop:** Disturbed Area, Reclamation/Revegetation Area, Right-of-way

**Target Plants:** Mayweed chamomile - Anthemis cotula - List B, Thistle, Canada - Cirsium arvense - List B, Toadflax, Yellow-Linaria vulgaris - List B

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray **Application**

**Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Telar XP - 352654 - Chlorsulfuron 75%	1.5 Oz (weight) per acre	0.375 Oz (weight)	1.5 Oz (weight) per acre
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per acre	8 fl oz	32 fl oz per acre
Trophy Gold - Adjuvant	16 fl oz per acre	4 fl oz	16 fl oz per acre
Spray Indicator - Blue Dye	12 fl oz per acre	3 fl oz	12 fl oz per acre

**Total Application:** 0.25 acre

**Application Notes:** Treated lower 5 Dam and Mayflower utility roads. Clinton Cutoff and maintenance roads, 3 Dam Pump House. Staged Mayflower Barge for tomorrow.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



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

Barge, West Interceptor, 10 Mile

**Date:** 7/10/2024 6:53 AM to 2:06 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Jordan Bessent, Gage Krull

**Weather:** Sunny 48 degrees F.    **Wind:** 1 mph out of N

**Site/Crop:** Disturbed Area, Rangeland, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2    **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray    **Application Method:** Spot-Spraying    **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Telar XP - 352654 - Chlorsulfuron 75%	1.5 fl oz per	1.5 fl oz	1.5 fl oz per
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per	32 fl oz	32 fl oz per
Trophy Gold - Adjuvant	16 fl oz per	16 fl oz	16 fl oz per
Spray Indicator - Blue Dye	12 fl oz per	12 fl oz	12 fl oz per

**Total Application:** 1 acre

**Application Notes:** Treated Area around Mayflower Barge station and access roads. Treated west interceptor from Barge Substation to PDWTP were treatments stopped Monday afternoon.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



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

Barge Substation, West Interceptor

**Date:** 7/11/2024 7:19 AM to 2:11 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Sunny 55 degrees F.    **Wind:** 1 mph out of SW

**Site/Crop:** Reclamation/Revegetation Area, Rangeland, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray **Application**

**Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Telar XP - 352654 - Chlorsulfuron 75%	1.5 Oz (weight) per	1.5 Oz (weight)	1.5 Oz (weight) per
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 fl oz per	32 fl oz	32 fl oz per
Trophy Gold - Adjuvant	16 fl oz per	16 fl oz	16 fl oz per
Spray Indicator - Blue Dye	12 fl oz per	12 fl oz	12 fl oz per

**Total Application:** 1 acre

**Application Notes:** Treated West Interceptor from the Barge Substation north towards PDWTP. Dropped down access roads to Mayflower tower. Wide spread weeds long road berms and slopes.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



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

Mayflower Trailings Pond West Interceptor

**Date:** 7/12/2024 12:26 PM to 2:10 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Sunny 80 degrees F.    **Wind:** 5 mph out of SE

**Site/Crop:** Disturbed Area, Rangeland, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Telar XP - 352654 - Chlorsulfuron 75%	1.5 Oz (weight) per acre	0.75 Oz (weight)	1.5 Oz (weight) per acre
Weedar 64 - 71368-1 - 2,4-D 46.8%	32 Oz (weight) per acre	16 Oz (weight)	32 Oz (weight) per acre
Trophy Gold - Adjuvant	16 Oz (weight) per acre	8 Oz (weight)	16 Oz (weight) per acre
Spray Indicator - Blue Dye	12 Oz (weight) per acre	6 Oz (weight)	12 Oz (weight) per acre

**Total Application:** 0.5 acre

**Application Notes:** Completed treatment of area where finished off previous day. Treated access road corridors above Mayflower tower. Dense Canada thistle patches extending down road side berm.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



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

Clinton Reservoir Dam

**Date:** 7/13/2024 7:06 AM to 12:42 PM

**Customer:** LRE\_Water

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Sunny 51 degrees F.    **Wind:** 2 mph out of NE

**Site/Crop:** Non-Crop Industrial

**Target Plants:** Woody Species Treatment

**Application Equipment:** Orange Kubota #2    **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray    **Application Method:** Spot-Spraying    **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Garlon XRT 62719-553 - Triclopyr 83.9%	4 Qts. per acre	4 Qts.	4 Qts. per acre
Weedar 64 - 71368-1 - 2,4-D 46.8%	2 Qts. per acre	2 Qts.	2 Qts. per acre
Trophy Gold - Adjuvant	2 Pints per acre	2 Pints	2 Pints per acre
Spray Indicator - Blue Dye	1 Pints per acre	1 Pints	1 Pints per acre

**Total Application:** 1 acre

**Application Notes:** Treated Clinton Reservoir outer dam faces. Good conditions for treatment, dry warm and sunny compared to treatment conditions performed last year (wet at time of application and wet following completion). Observations: Previous treatment effective at control deciduous trees and shrubs, and pines but not as effective at controlling conifers. Targeted conifers for this treatment. Used backpack sprayers to treat areas not accessible using UTV including the southern groin and mid sections of dam face.

**Mechanical Control Notes:** Cut down trees 4 ft and taller

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



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

Mayflower & 5 Dam

**Date:** 8/12/2024 10:23 AM to 2:26 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Partly Cloudy 57 degrees F.    **Wind:** 2 mph out of NW

**Site/Crop:** Right-of-way, Non-Crop Industrial

**Target Plants:** Mayweed chamomile - Anthemis cotula - List B, Thistle, Canada - Cirsium arvense - List B, Thistle, Musk - Carduus nutans - List B, Toadflax, Yellow- Linaria vulgaris - List B

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 35 GPA - Spray Rig #2 Broadcast at 2 MPH **Application Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	0.6 Oz (weight)	1.5 Oz (weight) per acre
Transline - 62719-259 - Clopyralid 40.9%	11 fl oz per	4.4 fl oz	11 fl oz per
Trophy Gold - Adjuvant	16 fl oz per acre	6.4 fl oz	16 fl oz per acre
Spray Indicator - Blue Dye	12 fl oz per acre	4.8 fl oz	12 fl oz per acre

**Total Application:** 0.4 acre

**Application Notes:** Treated 5 dam slopes. Treated west interceptor and Mayflower Tower utility access roads where treatments were performed earlier in the season.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



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

Barge Substation, Barge & Utility Roads, Mayflower Topsoil, STP, Lake Irwin

**Date:** 8/13/2024 6:43 AM to 2:03 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Partly Cloudy 50 degrees F.    **Wind:** 1 mph out of SE

**Site/Crop:** Right-of-way, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2    **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray    **Application Method:** Spot-Spraying    **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	1.65 Oz (weight)	1.5 Oz (weight) per acre
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per acre	13.2 fl oz	12 fl oz per acre
Trophy Gold - Adjuvant	16 fl oz per acre	17.6 fl oz	16 fl oz per acre
Spray Indicator - Blue Dye	12 fl oz per acre	13.2 fl oz	12 fl oz per acre

**Total Application:** 1.1 acre

**Application Notes:** Treated Area around Barge Substation and utility road corridors down to Barge. Treated utility roads from Barge to Topsoil Shop and Mayflower topsoil piles for pockets of yellow toadflax. Treated around the STP before moved to Lake Irwin and started treated old access roads.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



**Location:** Climax Mine      **County:** Lake County

1 Dam, Robinson Lake & Robinson Pump House

**Date:** 8/14/2024 7:10 PM to 2:07 AM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Clear 58 degrees F.    **Wind:** 1 mph out of N

**Site/Crop:** Right-of-way, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray **Application**

**Method:** Spot-Spraying **Carrier:** Water

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

**Total Application:** 0.5 acre

**Application Notes:** Completed treatment above Lake Irwin before moving down to Robinson Lake access roads and Area around Robinson Lake Pump House.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?



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



**Location:** Climax Mine      **County:** Eagle\_

1 Dam, Robinson Pump House, Eagle Reservoir

**Date:** 8/15/2024 6:49 AM to 2:05 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

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

**Site/Crop:** Reclamation/Revegetation Area, Right-of-way, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2    **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray    **Application**

**Method:** Spot-Spraying    **Carrier:** Water

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

**Total Application:** 0.5 acre

**Application Notes:** Started by treating 1 Dam northwest groin. Move down to Robinson Pump House and continue treatments to control oxeye daisy. Rain shower 8:20am, wait for shower to pass before resuming. Moved down to Eagle Reservoir and treated area beyond locked gate and around seepage pond.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



**Location:** Climax Mine      **County:** Eagle\_&\_Summit\_

Eagle Reservoir, Robinson Pump House & 1 Dam

**Date:** 8/15/2024 6:40 AM to 2:11 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Partly Cloudy 40 degrees F.    **Wind:** 1 mph out of W

**Site/Crop:** Reclamation/Revegetation Area, Right-of-way, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2    **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray    **Application**

**Method:** Spot-Spraying    **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	1.5 Oz (weight)	1.5 Oz (weight) per acre
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per acre	12 fl oz	12 fl oz per acre
Trophy Gold - Adjuvant	16 fl oz per acre	16 fl oz	16 fl oz per acre
Spray Indicator - Blue Dye	12 fl oz per acre	12 fl oz	12 fl oz per acre
	fl oz per	0 fl oz	fl oz per

**Total Application:** 1 acre

**Application Notes:** Finished treating area above Robinson Pump House and Robinson Dam groin. Did not treat around building due to substation decommissioning. Moved down below Eagle Reservoir through locked gate and treated to permit boundary. Moved up to 1 Dam and started treating reclaimed lower dam slopes and terraces.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



**Location:** Climax Mine      **County:** Summit\_&\_Lake

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

**Date:** 8/16/2024 8:08 AM to 2:30 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Sunny 61 degrees F.    **Wind:** 3 mph out of N

**Site/Crop:** Reclamation/Revegetation Area, Right-of-way, Non-Crop Industrial

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

**Application Equipment:** Orange Kubota #2    **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray    **Application Method:** Spot-Spraying    **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per acre	1.125 Oz (weight)	1.5 Oz (weight) per acre
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per acre	9 fl oz	12 fl oz per acre
Trophy Gold - Adjuvant	16 fl oz per acre	12 fl oz	16 fl oz per acre
Spray Indicator - Blue Dye	12 fl oz per acre	9 fl oz	12 fl oz per acre

**Total Application:** 0.75 acre

**Application Notes:** Completed treating southwest corner of 1 Dam slopes and terraces. Treated Billy Blvd road corridor to main security office. Finish by treating Arkansas reclamation.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



**Location:** Climax Mine      **County:** Lake County

Jones Gravel Pit Property

**Date:** 8/16/2024 6:35 AM to 9:26 AM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent, Gage Krull

**Weather:** Clear 46 degrees F.    **Wind:** 1 mph out of NW

**Site/Crop:** Reclamation/Revegetation Area, Rangeland

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

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray **Application**

**Method:** Spot-Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Escort XP - 352439 - Metsulfuron Methyl	1.5 Oz (weight) per	0.375 Oz (weight)	1.5 Oz (weight) per
Transline - 62719-259 - Clopyralid 40.9%	12 fl oz per	3 fl oz	12 fl oz per
Trophy Gold - Adjuvant	16 fl oz per	4 fl oz	16 fl oz per
Spray Indicator - Blue Dye	12 fl oz per	3 fl oz	12 fl oz per

**Total Application:** 0.25 acre

**Application Notes:** Treated undisturbed property and reclamation. Minimal weed treatment required. Previous season treatments were effective and little follow up treatment required.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



**Location:** Climax Mine      **County:** Eagle\_&\_Summit\_

Chalk Mountain Reservoir, Tim's Seepage Dam

**Date:** 8/17/2024 8:44 AM to 12:31 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent

**Weather:** Sunny 62 degrees F.    **Wind:** 3 mph out of NW

**Site/Crop:** Right-of-way, 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
Garlon XRT 62719-553 - Triclopyr 83.9%	4 fl oz per gallon	10 fl oz	4 fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	0.05 Oz (weight) per gallon	0.125 Oz (weight)	0.05 Oz (weight) per gallon
Trophy Gold - Adjuvant	1 fl oz per gallon	2.5 fl oz	1 fl oz per gallon
Spray Indicator - Blue Dye	0.5 fl oz per gallon	1.25 fl oz	0.5 fl oz per gallon

**Total Application:** 2.5 gallon

**Application Notes:** Targeted Conifers on upper seepage structures and dam groin. Did not treat Conifers along shoreline.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

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



**Location:** Climax Mine      **County:** Eagle\_&\_Summit

Chalk Mountain Reservoir Dam, Tim's Seepage Dam, Warren's Seepage Dam, 4 Seepage Dam, 3 Seepage Dam

**Date:** 8/17/2024 6:51 AM to 3:20 PM

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

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Jordan Bessent

**Weather:** Sunny 56 degrees F.    **Wind:** 3 mph out of NW

**Site/Crop:** Right-of-way, 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
Garlon 3A - 6271937 - Triclopyr 44.4%	6.4 fl oz per gallon	64 fl oz	6.4 fl oz per gallon
Trophy Gold - Adjuvant	1 fl oz per gallon	10 fl oz	1 fl oz per gallon
Spray Indicator - Blue Dye	0.5 fl oz per gallon	5 fl oz	0.5 fl oz per gallon

**Total Application:** 10 gallon

**Application Notes:** Targeted willow species along shoreline and upper faces of seepage pond structure embankments and dam groins. Inspected Robinson Dam seepage pond and treated around outflow (location not included in scope). Conifers treated with mixture maybe partly affected by herbicide product and follow up treatments may be required. Treated noxious weeds around Tim's Dam.

**Mechanical Control Notes:** Hand pulled conifers where possible

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** Yes

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\_&\_Lake

Substations: Mayflower 25 Yard, Mayflower 115 Yard, Barge, PDC 115 Yard

**Date:** 10/2/2024 9:44 AM to 4:25 PM

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

**Qualified Supevisor:** Matt Clark #29724

**Applicators:** Matt Clark #29724, Nick Davoll, Gage Krull

**Weather:** Sunny 54 degrees F.    **Wind:** 3 mph out of S

**Site/Crop:** Electrical Station

**Target Plants:** All Vegetation (Bare Ground Treatment)

**Application Equipment:** Orange Kubota #2 **Equipment Rate:** 40 GPA - Kubota Spray Rig Spot Spray **Application**

**Method:** Broadcast Spraying **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Esplanade 200SC - 432-1516 - Indaziflam 19.05%	10 fl oz per acre	37.5 fl oz	0.078 oz. per gallon
Semera - 91234-204 - Flumioxazin 41.4%	8 fl oz per acre	30 fl oz	0.062 oz. per gallon
Ranger Pro - 524517 - Glyphosate 41%	128 fl oz per acre	480 fl oz	1 oz. per gallon
Grounded - Adjuvant	16 fl oz per acre	60 fl oz	0.125 oz. per gallon
MSO - Adjuvant	16 fl oz per acre	60 fl oz	0.125 oz. per gallon
Spray Indicator - Blue Dye	12 fl oz per acre	45 fl oz	0.093 oz. per gallon

**Total Application:** 3.75 acre

**Application Notes:** Treated substation pads and their perimeters, where appropriate. Dry ground conditions at time of application. Moisture required following application to move herbicide off VTC and into soil profile.

**Mechanical Control Notes:**

**NPDES COMPLIANCE (Only Applicable to Aquatic Sites)**

**Aquatic site:** No

Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?