

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



**Location:** Cemex Dowe Flats Quarry      **County:** Boulder County

East Gravel Pit

**Date:** 6/19/2019 9:09 AM to 3:53 PM

**Customer:** Cemex, 5134 Ute Highway, Longmont, CO 80503

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark, Kait Lopez

**Weather:** Sunny 71 degrees F.    **Wind:** 2 mph out of N

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

**Target Plants:** Knapweed, diffuse - *Centaurea diffusa* - List B, Mullen, common - *Verbascum thapsus* - List C, Thistle, Canada - *Cirsium arvense* - List B, Thistle, Musk - *Carduus nutans* - List B, Toadflax, Dalmatian - *Linaria dalmatica/genistifolia* - List B, Houndstongue - *Cynoglossum officinale* - List B

**Application Equipment:** Orange Kubota #3    **Equipment Rate:** 50 GPA - Orange Kubota #2 Spot Spray (Handgun)    **Application Method:** Spot-Spraying    **Carrier:** Water

Herbicide Applied	Application Rate	Total Amount Applied	Dillution Rate
Spray Indicator - Blue Dye	12 fl oz per acre	15 fl oz	0.24 fl oz per gallon
Telar XP - 352654 - Chlorsulfuron	1 Oz (weight) per acre	1.25 Oz (weight)	0.02 Oz (weight) per gallon
Weedar 64 - 71368-1 - 2,4-D	32 fl oz per acre	40 fl oz	0.64 fl oz per gallon
Dyne-Amic - Adjuvant	24 fl oz per acre	30 fl oz	0.48 fl oz per gallon

**Total Application:** 1.25 acre

**Application Notes:** Meet with Emily McMurtrey to discuss treatment locations at Lyons Plant. Did not target field bindweed.

**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:** Cemex Dowe Flats Quarry      **County:** Denver County

Upland Pond Embankment & Cut Fill Berm

**Date:** 6/20/2019 10:58 AM to 1:02 PM

**Customer:** Cemex, 5134 Ute Highway, Longmont, CO 80503

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark, Kait Lopez

**Weather:** Sunny 75 degrees F.    **Wind:** 3 mph out of N

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

**Target Plants:** Mullen, common - Verbascum thapsus - List C, Thistle, Canada - Cirsium arvense - List B, Thistle, Musk - Carduus nutans - List B

**Application Equipment:** Orange Kubota #3 **Equipment Rate:** 50 GPA - Orange Kubota #2 Spot Spray (Handgun) **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 fl oz	0.24 fl oz per gallon
Dyne-Amic - Adjuvant	24 fl oz per acre	6 fl oz	0.48 fl oz per gallon
Weedar 64 - 71368-1 - 2,4-D	32 fl oz per acre	8 fl oz	0.64 fl oz per gallon

**Total Application:** 0.25 acre

**Application Notes:** Treated embankments above small wetland area east side of gravel pit. Treated cut berm along 55th street inside fence line.

**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:** Cemex Dowe Flats Quarry      **County:** Boulder County

East Of Gravel Pit

**Date:** 6/20/2019 8:28 AM to 10:56 AM

**Customer:** Cemex, 5134 Ute Highway, Longmont, CO 80503

**Qualified Supervisor:** Matt Clark #29724

**Applicators:** Matt Clark, Kait Lopez

**Weather:** Sunny 70 degrees F.    **Wind:** 2 mph out of NW

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

**Target Plants:** Mullen, common - Verbascum thapsus - List C, Thistle, Canada - Cirsium arvense - List B, Thistle, Musk - Carduus nutans - List B, Toadflax, Dalmatian - Linaria dalmatica/genistifolia- List B

**Application Equipment:** Orange Kubota #3    **Equipment Rate:** 50 GPA - Orange Kubota #2 Spot Spray (Handgun)    **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	0.24 fl oz per gallon
Dyne-Amic - Adjuvant	24 fl oz per acre	12 fl oz	0.48 fl oz per gallon
Telar XP - 352654 - Chlorsulfuron	1 Oz (weight) per acre	0.5 Oz (weight)	0.02 Oz (weight) per gallon
Weedar 64 - 71368-1 - 2,4-D	32 fl oz per acre	16 fl oz	0.64 fl oz per gallon

**Total Application:** 0.5 acre

**Application Notes:** Don't target field bindweed or red steam fillaree.

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

**Aquatic site:** No

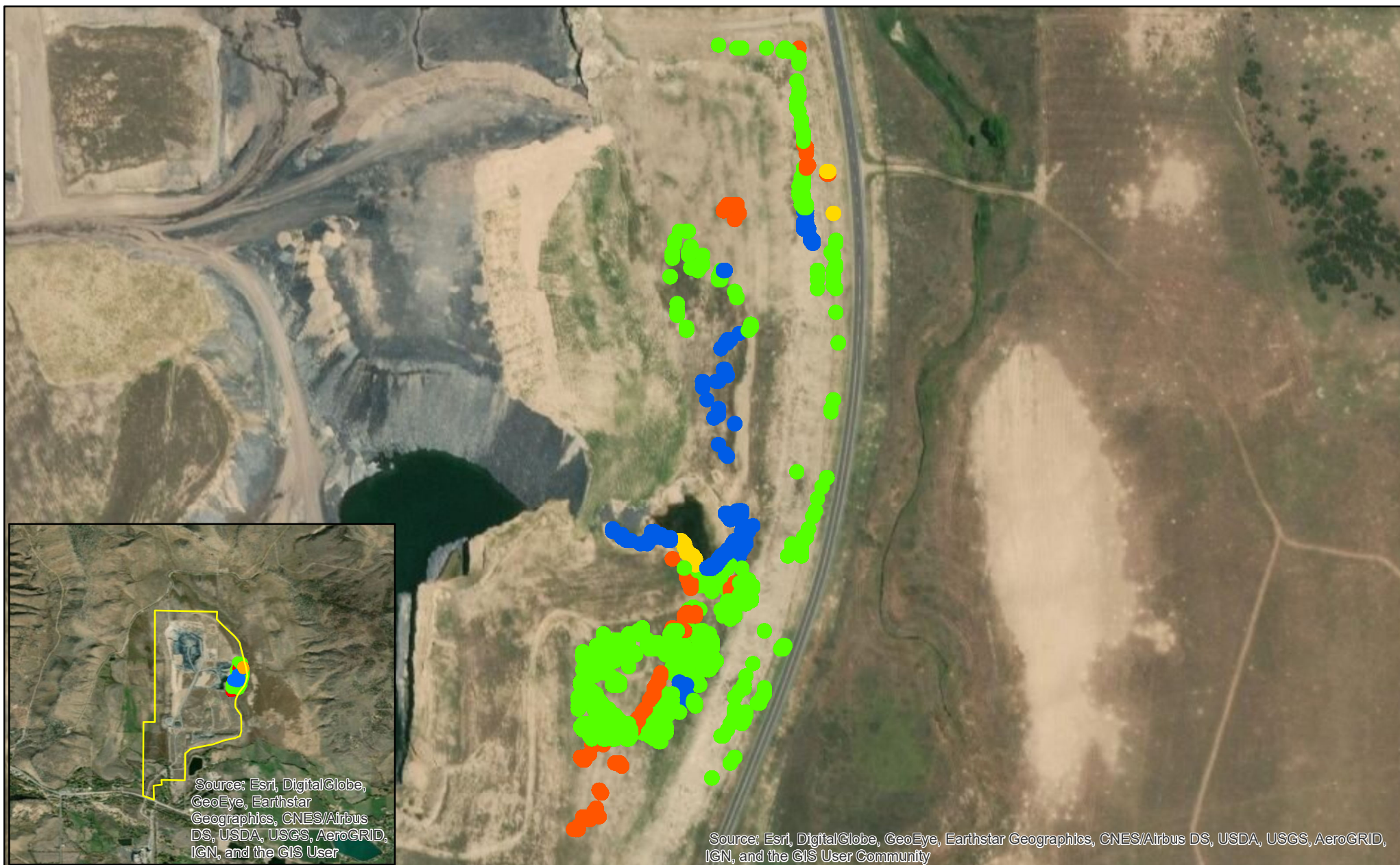
Use Pattern: Weeds and Algae

Is equipment properly calibrated?

Did you conduct visual monitoring for adverse incidents?

Were any adverse incidents identified?

# 2019 Dowe Flats Noxious Weed Treatment



## Legend

### Species

- Canada thistle
- Common mullein
- Diffuse knapweed
- Dalmatian toadflax
- Musk thistle



0 205 410 820 1,230 Feet



Created By: JF

Date: 07/09/2019

Reviewed By: MC