

Fall 2022 Weed Control – Lyons Quarry



Species

- Canada thistle
- Common mullein
- Common teasel
- Dalmatian toadflax
- Diffuse knapweed
- Musk thistle
- Myrtle spurge
- Poison hemlock
- Redstem fillaree
- Scotch thistle

Fall 2022 Weed Control – Lyons Quarry

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



Location: Cemex Lyons Quarry **County:** Boulder County

Date: 9/30/2022 7:00 AM to 10:30 AM

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

Qualified Supervisor: Ryan Romanson #39813

Applicators: Ryan Romanson #39813, Zion Creech

Weather: Partly Cloudy 70 degrees F. **Wind:** 5 mph out of NW

Site/Crop: Reclamation/Revegetation Area

Target Plants: Knapweed, diffuse - *Centaurea diffusa* - List B, Knapweed, Spotted - *Centaurea stoebe* - List B, Mullein, common - *Verbascum thapsus* - List C, Poison hemlock - *Conium maculatum* - List C, Teasel, Common/Cutleaf - *Dipsacus fullonum/laciniatus* - List B, 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:** 35 GPA - Spray Rig #3 Spot Spray **Application**

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

Herbicide Applied	Application Rate	Total Amount Applied	Dilution Rate
Spray Indicator - Blue Dye	16 fl oz per acre	16 fl oz	fl oz per gallon
Trophy Gold - Adjuvant	16 fl oz per acre	16 fl oz	fl oz per gallon
Escort XP - 352439 - Metsulfuron Methyl	2 Oz (weight) per acre	2 Oz (weight)	Oz (weight) per gallon
Freelexx - 62719-634 - 2,4-D 56.3%	48 fl oz per acre	48 fl oz	fl oz per gallon

Total Application: 1 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

Fall 2022 Weed Control – Lyons Quarry

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



Location: Cemex Lyons Quarry **County:** Boulder County

Date: 9/30/2022 10:30 AM to 3:00 PM

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

Qualified Supervisor: Ryan Romanson #39813

Applicators: Ryan Romanson #39813, Zion Creech

Weather: Partly Cloudy 75 degrees F. **Wind:** 5 mph out of NW

Site/Crop: Reclamation/Revegetation Area

Target Plants: Bouncingbet- *Saponaria officinalis*- List B+C315C2C287:C362, Knapweed, diffuse - *Centaurea diffusa* - List B, Knapweed, Spotted - *Centaurea stoebe* - List B, Mullein, common - *Verbascum thapsus* - List C, Poison hemlock - *Conium maculatum* - List C, Teasel, Common/Cutleaf - *Dipsacus fullonum/laciniatus* - List B, 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:** 35 GPA - Spray Rig #3 Spot Spray **Application**

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

Herbicide Applied	Application Rate	Total Amount Applied	Dilution Rate
Spray Indicator - Blue Dye	16 fl oz per acre	24 fl oz	fl oz per gallon
Trophy Gold - Adjuvant	16 fl oz per acre	24 fl oz	fl oz per gallon
Transline - 62719-259 - Clopyralid 40.9%	16 fl oz per acre	24 fl oz	fl oz per gallon
Overdrive - 7969150 - Diflufenopyr 21.3% - Dicamba 55%	8 Oz (weight) per acre	12 Oz (weight)	Oz (weight) per gallon

Total Application: 1.5 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