

Ecological Field Notes

Client: Lone Tree Hill Management Committee

Lone Tree Hill

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jhibbard@sasaki.com

Date: 5/10/2023

Field Technicians: Sylvia Maina, Brody Gauthier

Work Completed: Today's focus was to continue treatment of garlic mustard in Area A1 now that more of the seedlings have come up. In some areas, particularly around native plants, I manually removed garlic mustard.

Treated with glyphosate herbicide



Previously treated GM next to seedling that's come up



Observations: Goldfinch, tiger swallowtail butterfly

Arisaema triphyllum -Jack in the pulpit



Solidago rugosa -rough stemmed goldenrod



Black swallowwort, glossy buckthorn saplings, honeysuckle

Future: As we head into summer, we will begin focusing on treating woody invasive plants such as the honeysuckle and glossy buckthorn seedlings.

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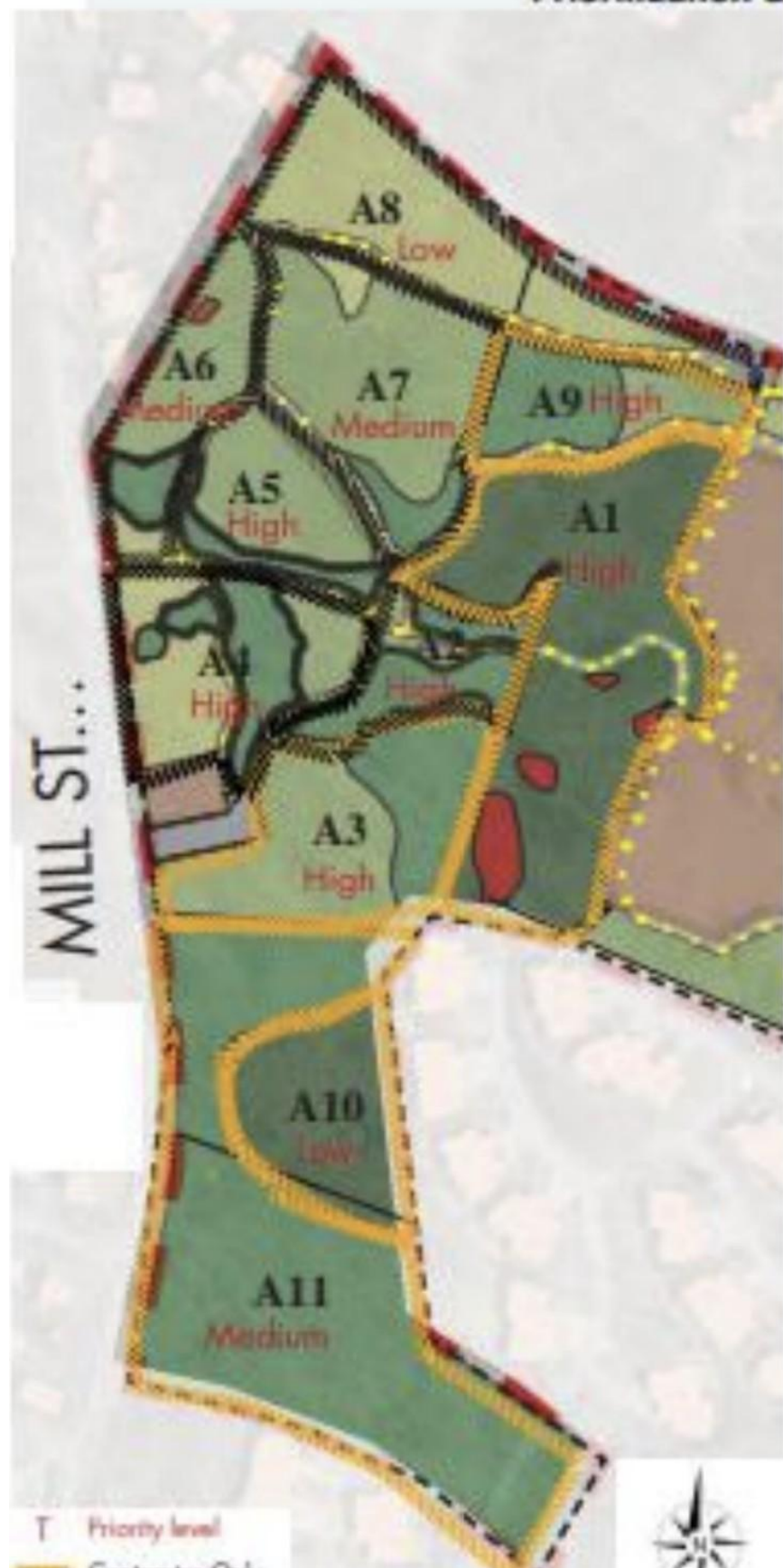
jhibbard@sasaki.com

Date: 4/14/2023

Field Technicians: Sylvia Maina, Brody Gauthier, Ryan Corrigan

Work Completed: Today's focus was to treat garlic mustard with a glyphosate herbicide in area A1.

Lone Tree Hill Prioritization and Estimates



A1: (132,950)
canopy. Cut before replant

- Spring for Spring C
- Follow up (hours)
- Replanting

A2: (23,100)
Spring and st

- Contracto
- Follow up

A3: (65,250)
Summer and t

- Cut and S

A4: (43,600)
Spring and st

- Contracto
- Follow up

A5: (37,500)
Spring and st

- Contracto
- Follow up

A6: (33,100)
Spring and st

- Contracto
- Follow up

A7: (63,200)
Spring and st

- Contracto
- Follow up

A8: Limited in
stems to 12-11

A9: (23,000)
and stem treat

- Contracto
- Follow up

A10: (41,400)

We used a 1.5% concentration to cover the foliage and will return for a second treatment later this spring.



We also cut and dabbed invasive honeysuckle



Observations: Some hyssop and mountain mint is starting to come up as well as some black eyed susan seedlings. Some wildlife sightings including 3 garter snakes & a mourning cloak butterfly



Future: We will return later this spring for a second treatment of garlic mustard, and will later begin treating glossy buckthorn.