

restoration plan proposed March 10, 2021 | College Brook, Mill Plaza

notes copied by Robin Mower from sheet C-702 on 20210310 Mill Plaza site plan

RESTORATION PLAN SEQUENCE OF ACTIVITIES:

1. PRIOR TO RESTORATION:

- A. FLAG WETLAND BETWEEN THE SLOPE AND COLLEGE BROOK ALONG THE RESTORATION AREA.
- B. CONDUCT AN INVENTORY OF INVASIVE SPECIES TO BE MANAGED.
- C. CONSULT WITH A LICENSED PESTICIDE APPLICATOR EXPERIENCED IN NATURAL AREAS RESTORATION ON APPROPRIATE HERBICIDES FOR THE CONTROL OF INVASIVE SPECIES AT THE SITE.
- D. CONSULT WITH A LICENSED PESTICIDE APPLICATOR REGARDING THE NEED FOR A SPECIAL PERMIT FROM THE NH DIVISION OF PESTICIDE CONTROL. OBTAIN PERMITS ANNUALLY AS NEEDED FOR EACH YEAR OF TREATMENT.

2. YEAR 1

- A. MARK IN THE FIELD NATIVE SPECIES TO BE SAVED AND/OR INVASIVE SPECIES TO BE REMOVED. REVIEW WITH PESTICIDE CONTRACTOR.
- B. DETERMINE THE SEQUENCE OF WORK WITH THE LICENSED PESTICIDE APPLICATOR BASED ON SITE CONDITIONS AND TIMING. ALTERNATIVE 1 IS LIKELY TO RESULT IN LESS DAMAGE TO NATIVE SPECIES, USE LESS HERBICIDE, HAVE LESS DANGER OF DRIFT, AND BE MORE ACCEPTABLE IN A PUBLIC AREA. ALTERNATIVE 2 IS LIKELY TO ACHIEVE GREATER INITIAL CONTROL DUE TO GREATER LEAF AREA FOR HERBICIDE UPTAKE.

I. ALTERNATIVE 1 (PREFERRED):

- a. MOW INVASIVE VEGETATION WITH A BOOM MOUNTED MOWER IN JUNE. LARGER STEMS AND VINES MAY BE TREATED USING CUT-STUMP DIRECT APPLICATION METHODS AT THIS TIME.
- b. APPLY A LATE SUMMER FOLIAR HERBICIDE TREATMENT TO INVASIVE RESPROUTS IN AUGUST OR SEPTEMBER USING MATERIALS WITH LOW SOIL ACTIVITY.

II. ALTERNATIVE 2:

- a. APPLY A LATE SUMMER FOLIAR HERBICIDE TREATMENT (SEPTEMBER) TO MINIMIZE THE BROWNOUT PERIOD. USE MATERIALS WITH LOW SOIL ACTIVITY. LARGER STEMS AND VINES MAY BE TREATED USING CUT-STUMP METHODS.

- b. MOW TREATED INVASIVE VEGETATION WITH A BOOM MOUNTED MOWER DURING THE DORMANT SEASON.

3. YEAR 2

- A. CONDUCT SEEDING APRIL 20-MAY 30.
- B. EVALUATE HERBICIDE TREATMENT EFFECTIVENESS BY MAY 30.
- C. IF >75% INVASIVE SPECIES CONTROL IS ACHIEVED, PLANTINGS MAY PROCEED PROVIDED ANY LABELED HERBICIDE WAITING PERIOD FOR PLANTINGS HAS BEEN COMPLETED.
- D. PLANT SHRUBS IN PREDOMINANTLY MONOSPECIFIC CLUSTERS AND DISTRIBUTE IN A NATURALISTIC MANNER.
- E. INSPECT PLANTINGS EVERY ONE TO TWO WEEKS AND WATER AS NEEDED.
- F. APPLY SPOT TREATMENTS OF HERBICIDE WITH LOW SOIL ACTIVITY IN LATE SUMMER (AUGUST-SEPTEMBER) BEING CAREFUL TO AVOID DAMAGE TO PLANTINGS.

4. YEARS 3-5

- A. MONITOR PLANTINGS AND SEEDING AND SPOT PLANT/SEED AS NEEDED TO REPLACE PLANTS OR FILL IN SEEDED GAPS AS NEEDED
- B. APPLY SPOT TREATMENT OF HERBICIDE WITH LOW SOIL ACTIVITY TO INVASIVE SPECIES BEING CAREFUL TO AVOID PLANTINGS.