Burnt Mountain Habitat Restoration Plan Overview

Update 9/16/26

Area #1: Existing Meadow

Control small juvenile resprouting Callery pear in existing meadow using basal bark method. Overseed with Ernst Deer Resistant Meadow Mix. Mow to 8-10 inches (October) in order to reseed. Reseed one round in November and one round of frost seeding in January. Let regrow. Control Pennsylvania blackberry in middle of meadow. Continue control of Callery pear saplings by basal bark herbicide application Octo-Feb. Let meadow grow. Mow once in spring when vegetation has reached 18" mow to 8-10". Overseed with native wildflower seed mixes, introduce Ernst annuals for cover and bloom.

Area #2 Reforestation

Control medium-mature hedge of Callery pear using basal bark method. January-February CA Staff. Flag and save any native plants. Use a contractor to forestry grind all slash in area, leaving a thick layer of mulch. Coordinate with adjacent homeowners on tree and shrub planting for privacy screening. Tree Cells: Install 3 tree cells containing screen trees as a privacy barrier. Cells are approx. 12-15' long by 3-4' wide, excavated approx. 18"- soil

is dispersed on top of existing mulch and replaced with new topsoil. 6-8 very large stock native trees installed per cell. Base is covered with mulch. Continue invasive plant control, overseed with seed mixes, begin tree and shrub planting as allowed. Area was overseed in late August and September with Ernst Deer Resistant Meadow Mix (dozens of native broadleaf wildflowers plus grasses) with an experimental cover crop of non-native annual buckwheat, turnip, radish, sudangrass, and Peredovik sunflower. Area will be overseeded in November and January with additional native meadow mix. Area will be overseeded with Ernst annual wildflower mix in April for cover and bloom. Invasive plant regrowth will be controlled with systemic herbicide applied by a certified applicator using a backpack sprayer. Priority invasive regrowth includes porcelain berry, Japanese honeysuckle, Callery pear, multiflora rose. Multiple methods of control will be employed in addition, including physical control using weed wrenches and handpulling, cut/stump herbicide applications using mechanical chainsaws, and competition using seeds. Install 15 large 7 gallon trees with mulch rings and deer protection Nov 26 -Feb.-27. Maintain tree planting by controlling invasive plant regrowth for up to 15 years until tree has reached ability to create shade and resist invasion.

Area #3 Reforestation

Control medium-mature hedge of Callery pear using basal bark method. January-February CA Staff. Use a contractor to grind all slash in area, leaving a thick layer of mulch (March-April). Continue invasive plant control, overseed with seed mixes, begin tree and shrub planting as allowed. Area was overseed in late August and September with Ernst Deer Resistant Meadow Mix (dozens of native broadleaf wildflowers plus grasses) with an experimental cover crop of non-native annual buckwheat, turnip, radish, sudangrass, and Peredovik sunflower. Area will be overseeded in November and January with additional native meadow mix. Area will be overseeded with Ernst annual wildflower mix in April for cover and bloom. Invasive plant regrowth will be controlled with systemic herbicide applied by a certified applicator using a backpack sprayer. Priority invasive regrowth includes porcelain berry, Japanese honeysuckle, Callery pear, multiflora rose. Multiple methods of control will be employed in addition, including physical control using weed wrenches and handpulling, cut/stump herbicide applications using mechanical chainsaws, and competition using seeds. Install approx. 75 large 7 gallon native trees with mulch rings and deer protection Nov-Feb. Maintain tree planting by controlling invasive plant regrowth for up to 15 years until tree has reached ability to create shade and resist invasion.

Area #4 Meadow

Prepare site for replanting as a native pollinator meadow. Control invasive plants and install meadows when control levels are satisfactory and site is prepped. Prep site February-September, seed a cover crop of grain oats. Continue invasive plant control, overseed with seed mixes as disturbance occurs. Final large seeding effort in late November with Ernst Deer Resistant meadow mix.

Area #5 Potential Miyawaki-style Mini-Forest

A small deer exclosure approximately 750 sq. ft., allows for installation of a resilient mini-forest. Tree cell could be converted over to exclosure.

Area #6 Reforestation

Area was added due to contractor availability. Area was heavily infested with porcelain berry and multiflora rose. Native trees were flagged prior to forestry grinder clearing slash, down trees, invasive vines. Small goldenrod meadow in area. Overseeded heavily with buckwheat, virginia wildrye, Indiangrass, switchgrass, Ernst Deer Resistant Meadow Mix and cover crop September. . Invasive plant regrowth will be controlled with systemic herbicide applied by a certified applicator using a backpack sprayer. Priority invasive regrowth includes porcelain berry, Japanese honeysuckle, Callery pear, multiflora rose. Multiple methods of control will be employed in addition, including physical control using weed wrenches and handpulling, cut/stump herbicide applications using mechanical chainsaws, and competition using seeds. Some runoff and erosion evident, drainage ditch is filled in with sediment. Small area covered with straw and will be monitored for further runoff. Install 40- large 7 gallon native trees with mulch rings and deer protection Nov-Feb. Maintain tree planting by controlling invasive plant regrowth for up to 15 years until tree has reached ability to create shade and resist invasion.

Dry Barley Ln
Dorsey Run
Dorsey Run
6438 Dry Barley Ln
Area #6
Reforestation
Dorsey Run
Dorsey Run

Past Updates:

Update 8/12/2

Added limits of disturbance due to contractor availability

Burnt Mountain Path
Burnt Mountain Path
Area #5
Mini - Forest
Area #4
Meadow
Area #2
Reforestation
Area #3
Reforestation
Area #1
Existing Meadow
Dorsey Run

Kendall Rdg Lp
Kendall Rdg Lp
Kendall Rdg Lp
Kendall Rdg Lp
Dorsey Run

Update 08/28/26

Privacy screen tree planting in planning

EcoWorks tree planting in planning

2 plots of King's Agriseed Cover Crop mix plus buckwheat installed

2 Native meadow mix areas seeded

Approx 20 pounds of Native meadow mix will be installed in December 26

Mulch piles to be disbursed to base of new tree plantings over time

Invasive plant control will include follow up on resprouting japanese honeysuckle, multiflora rose, and others. Tree planting areas will be controlled prior to installation in Fall-Winter 26-27.