STORMWATER POLLUTION PREVENTION PLAN

Fox Head Trail Campground

195 Mott Road
Gansevoort, NY 12831

May 17, 2024
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Owner:

Michael Music
195 Mott Road
Gansevoort, NY 12831

INTRODUCTION

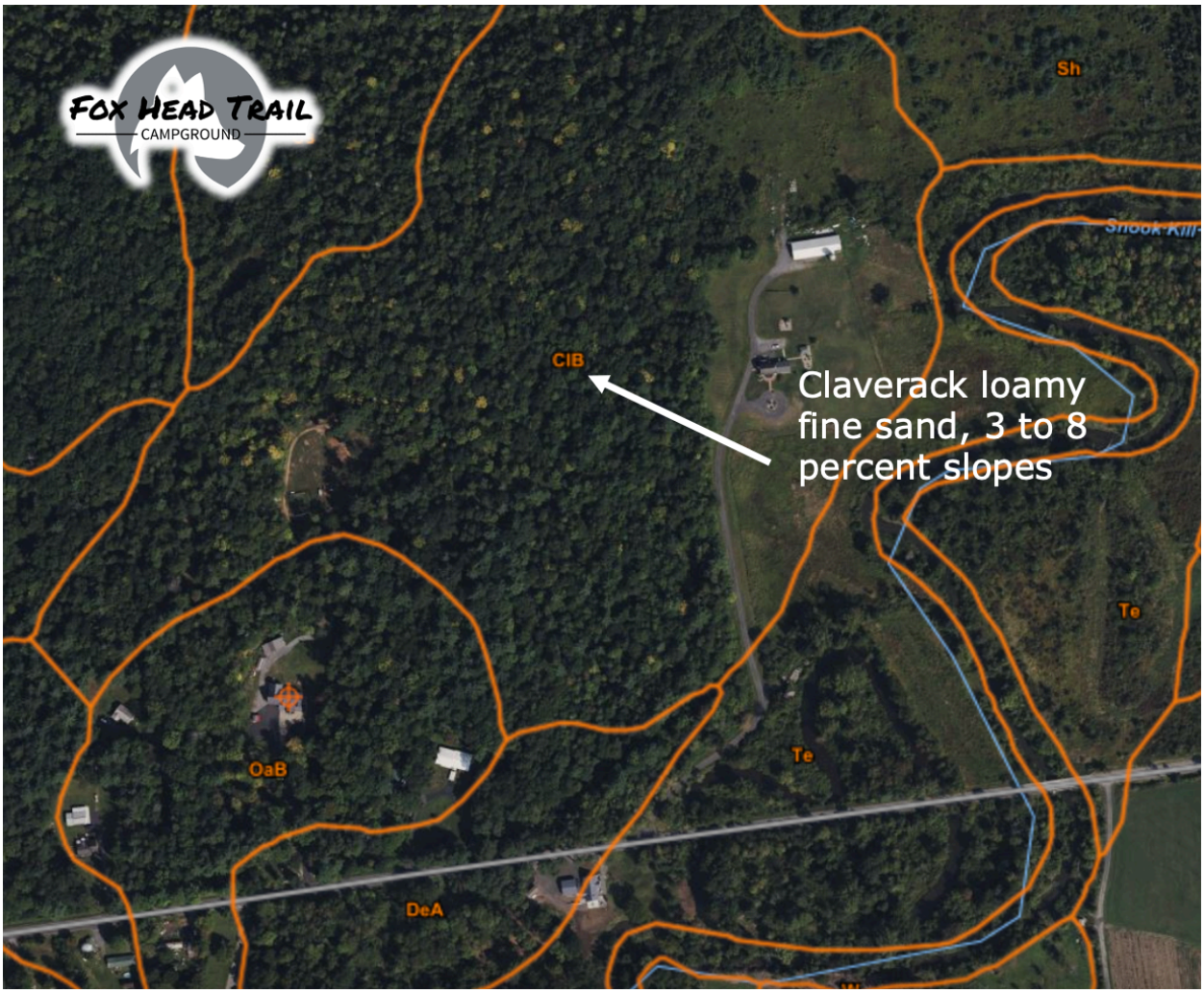
The project site is located at 195 Mott Road (soon to be subdivided under a new parcel number) Tax Map ID: 91-1-29.1. Fox Head Trail property, zoned R-5, (Parcel # TBD), at TBD Mott Road, Gansevoort, NY 12831 is a heavily wooded 43 acre lot located on the North side of Mott Road expanding to the North and East side of the Owner's 195 Mott Road residence. Fox Head Trail property is a subdivision of the original 52 acre lot Parcel #91.-1-29.1. The existing permitted driveway entrance to Fox Head Trail is exactly 1⁄2 mile East of Jewell Road.
Construction activities proposed under this scope of work include the addition of gravel/crushed stone aggregate to the existing driveway, extending the new driveway atop existing trails, potentially widening the new driveway by as few trees as possible, clearing 5 small 30'x50' site areas to be topped with geotextile fabric and crushed stone to retain sediment, install two septic systems with silt fencing, and preparing a 14x30 gravel site for the construction of the laundry/storage facility. Proposed work will result in a total disturbance area of approximately 14,600 sq. ft. or .34 acres. Construction will proceed in two phases. Although only Phase I is currently being proposed, in the future Phase II will also undergo disturbance in a similar area and fashion such that no more than 4,800 sq. ft. or .11 acre of soil is disturbed at one time. Erosion and sediment control measures will be implemented and maintained for the duration of the project to prevent silt from discharging offsite and into existing drainage ways. Details regarding existing site conditions, proposed construction activities, and erosion and sediment control practices are provided in the following sections.

DESCRIPTION OF EXISTING SITE

The Phase I site is approximately 10 acres in total, with a total disturbed area of an estimated .34 acres. Work proposed as described in this report will proceed exclusively within the project area located in designated areas along the marked driveway on the site plan. No part of the proposed Phase I project area or disturbed area is located no less than 225 feet from the nearest neighbor to the upper West of the existing driveway. No part of the Phase I sites or disturbed area is less than 375 feet of the nearest neighbor to the upper East side of the property line. The sites themselves slope from northwest to southeast at grades ±2.5% at most. There is a natural drainage valley with naturally formed "valleys" along the way that follows parallel to the South of the new driveway, and crosses under via 12" double smooth wall culvert pipe and continues southeast toward the Snook Kill Creek. Parcels surrounding the project site consist of residential establishments to the northeast, and southwest, with 1 residential property adjoining the south property line on the other side of Mott Road.

DESCRIPTION OF EXISTING SOILS

The United States Department of Agriculture (USDA) Soil Survey obtained from the Natural Resource Conservation Service website indicates the surficial soil type within the disturbance area to be Claverack Loamy Fine Sand (CIB), 3-8% slopes. Claverack Loamy Fine Sand is described as:



Saratoga County, New York

ClB—Claverack loamy fine sand, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: 9w9r
Elevation: 600 to 1,800 feet
Mean annual precipitation: 36 to 48 inches
Mean annual air temperature: 45 to 48 degrees F
Frost-free period: 125 to 160 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Claverack and similar soils: 70 percent
Minor components: 30 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Claverack

Setting

Landform: Lake plains
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread
Down-slope shape: Concave
Across-slope shape: Convex
Parent material: Sandy glaciolacustrine deposits, derived primarily from non-calcareous sandstone or granite, that overlie clayey glaciolacustrine deposits

Typical profile

H1 - 0 to 8 inches: loamy fine sand
H2 - 8 to 27 inches: fine sand
2C - 27 to 31 inches: silt loam
3C - 31 to 72 inches: silty clay

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 20 to 40 inches to strongly contrasting textural stratification
Drainage class: Moderately well drained
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately high (0.00 to 0.20 in/hr)
Depth to water table: About 18 to 24 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Available water supply, 0 to 60 inches: Very low (about 1.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2w
Hydrologic Soil Group: C/D
Ecological site: F101XY006NY - Moist Outwash
Hydric soil rating: No

Minor Components

Hudson

Percent of map unit: 10 percent
Hydric soil rating: No

Cosad

Percent of map unit: 10 percent
Hydric soil rating: No

Oakville

Percent of map unit: 5 percent
Hydric soil rating: No

Deerfield

Percent of map unit: 3 percent
Hydric soil rating: No

Rhinebeck

Percent of map unit: 1 percent
Hydric soil rating: No

Madalin

Percent of map unit: 1 percent
Landform: Depressions
Hydric soil rating: Yes

DESCRIPTION OF PROPOSED CONSTRUCTION ACTIVITIES

Construction activities proposed under this scope of work includes the addition of gravel/crushed stone aggregate to the existing driveway, extending the new driveway atop existing trails, potentially widening the new driveway by removing as few trees as possible, clearing (5) 30'x50' site areas (one at a time until each cabin is completed) to be topped with geotextile fabric and crushed stone to retain sediment, install two septic systems with silt fencing retainment netting, and preparing a 14x30 gravel site for the construction of the

laundry/storage facility. Debris and construction waste generated by the construction activities will be managed appropriately as indicated in the following sections.

Immediately following the completion of each site area construction activities, the site will be re-graded to generally restore pre-development grades and level areas of extreme slopes, although there are no extreme slopes unless a spoils pile is created. The total upon Phase I completion, anticipated disturbance area is .34 ±acres. At no one point will more than 4,800 sq. ft or .11 acres be disturbed at the same time. Existing impervious and pervious areas to be disturbed are as follows:

Total Disturbance Area ±.34 ac.
Estimated Impervious Area ±.03 ac.
Estimated Pervious Area ±.31 ac.

CONSTRUCTION PHASING

Construction activities will proceed in two phases. Phase I will commence with the installation of erosion and sediment controls, following disturbance of a construction area. Disturbed areas will be re-graded and stabilized in accordance with the construction drawings prior to commencing and Board approval of Phase 2 construction. Immediately following application of stabilization measures in Phase 1 disturbance areas, Phase 2, upon Board approval, will begin with the installation of required erosion and sediment control measures. Construction will then proceed in the same fashion as Phase I. Disturbed areas will then be re-graded and stabilized in accordance with the construction drawings.

POLLUTION PREVENTION MEASURES

Any litter on site, including construction debris, will be picked up each day and disposed of into solid waste containers. The contractor/owner shall provide an approved secondary containment system for all fuel and petroleum temporarily stored on site. All vehicles on site will be monitored for leaks and receive regular preventative maintenance to reduce the chance of mechanical fluid leakage. Demolition and removal debris shall be managed and disposed of in accordance with state and local regulations.

SEDIMENTATION AND EROSION CONTROL

Prior to commencing any land clearing, silt fences will be installed in accordance with the construction drawings at the inception of each construction phase to collect silt from construction runoff. Additional courses of silt fence shall be installed proceeding the completion of construction activities, as impervious surface coverage is reduced and fill material is placed, to prevent the discharge of silt offsite. The need for additional silt fence shall be determined at the discretion of a qualified inspector in conjunction with the Contractor. A stabilized temporary construction entrance at the location indicated on the construction drawings will be required for all construction traffic entering and leaving the site. The

contractor is required to maintain the silt fences, existing construction entrances and other applicable erosion and sediment control practices throughout the construction period.
All exposed surfaces not covered with stone/gravel, structures, and similar finished surfaces will be covered with topsoil and seeded or sodded to establish a successful perennial vegetative covering. The areas receiving seed shall be mulched with plant residue or chips, or other suitable materials to minimize erosion. Silt fences shall be installed downslope of the newly seeded areas. Anchored stabilization mats shall be applied on seeded slopes steeper than 3 horizontal to 1 vertical. Stabilization measures shall be implemented in Phase 1 disturbance area prior to commencing Phase 2 construction activities. All erosion control measures shall be maintained and replaced, as required, during the course of each construction phase until a well-established growth of vegetative covering is established. Silt fence shall be replaced as required during the course of construction until a well-established vegetative cover is established.

WINTER STABILIZATION

Additional erosion and sediment control measures indicated on the construction drawings, Appendix D, shall be implemented if construction activities are to proceed between November 15th to April 1st. Snow management shall be as indicated on Drawing L-0.30. Snow removal and storage activities shall proceed in a manner such that ongoing construction activities and installed erosion and sediment control practices remain undisturbed. Applicable erosion and sediment control practices shall be cleared of debris and ice dams such that runoff and snow melt flow is unrestricted. Perimeter silt fence shall be staked out for the duration of the winter season with stakes that exceed the height of snowpack. The site shall be inspected frequently during winter months to ensure installed erosion and sediment control practices are functioning properly. All bare exposed soil shall be stabilized as required if the site will not have earth disturbing activities ongoing during the winter season.