

Dredge and Fill Helpful Hints – Minimum Impact

Agent for Landowner: Need a letter / email indicating you have permission to act an agent for the landowner in the Dredge and Fill application.

Project Description: mention need for wood additions, benefits to adding wood for trout and high flow events. Mention number of structures being added per 1000 feet, material being cut to length and placed to maximize effectiveness, species and diameters to be used. No trees currently stabilizing bank will be cut. Include the number of linear and square feet to be impacted.

Needs, Minimization, and Avoidance: Land use history explaining how we are now lacking wood in our streams. List benefits such as creating habitats, trapping sediment, retention of nutrients etc.

Following practices are implemented when conducting wood additions.

Canopy, roughness in floodplain, strainers, wedging tress, high stumps, move material a distance, and avoid leaners.

Impact area: make sure to calculate the linear feet and the square feet

Work within 20 feet of abutter: If your additions are within 20 of an abutter you need to include a letter signed by landowner that they are aware of the proposed work.

Abutters: Notification needs to go out to those within ¼ mile of project

Abutters: Include tax map, addresses and Certified Mail slip of notification.

Maps: Make sure to identify location of proposed project on all maps included.

Watershed size mapped: I uses a web site called "Stream Stats". They will highlight the watershed based on where you locate the stream course. <https://streamstats.usgs.gov/ss/>

Photos: Include a number of photos that shows existing wood and lack of wood / need.

Plans: Address type of construction material, construction sequence, erosion control.

Natural Heritage Bureau: Data Check

You need to sign up with Natural Heritage Bureau for every project. Once your account has been set up you simply sign on and map where your project is located. If there aren't any endangered species they

will reply immediately followed by an official letter you incorporate in the application submission. If you get a hit it has been suggested you contact someone at NH Fish and Game for some direction.

https://www2.des.state.nh.us/nhb_datacheck

NH Wildlife Habitat Maps: These are available by going on the NH Fish and Game web site.

<https://wildlife.state.nh.us/maps/topo.html> or type in NH F&G Topo Maps of NH

US Army Corps of Engineers: Need to look for Appendix B in D & F Application. Some things are not applicable others such as you going to work in the floodplain are. Please note reference to the NH Division of Historical Resources. You will need to visit that site for instructions and questions they have. You will have to send a copy of the D & F application to that agency as well. They have helpful directions on how to navigate the UNH "Granite" mapping site.

UNH Granite mapping site: hard to give you any directions for this one as they occasionally change and you have to figure your way around each time you visit.

Site Visit: With landowner, Town Hall for tax maps, measure 10 bankfulls for D. & F.

Logistics: Establish Town Clerk hours, when Conservation Commission's monthly meeting, contact Chairman of Conservation Commission to inform Min Impact Application being submitted. You need to deliver to Town Hall and pick up after they have been signed to mail to Concord. Don't forget the \$200 fee.