Shoreland Alteration Application Information

(ES Staff will determine information to be provided)

Name & Parcel:_____

A copy of the property deed is needed for major applications

Logistics:

☐ 1. Location map. A map locating the site in relation to adjacent properties.

☐ 2. Indicate north. Show the direction of north in relation to the site.

☐ 3. Scale. Indicate scale in relation to the actual size of the site, usually in feet per inch

☐ 4. Benchmark. Show the established elevation affixed to a permanent object which can be used to check grade – if applicable to grading or other activities.

☐ 5. Property boundaries. Please indicate all property boundaries affected by the project.

☐ 6. Building locations. Please indicate all building locations on the property.

☐ 7. Plan preparer. Indicate the name and phone number of the individual or agency responsible for preparation of the plan.

☐ 8. Contact person. Give the name and phone number of the individual responsible for plan implementation.

Existing or pre-disturbed conditions:

☐ 1. Existing contours. If a topographic change has occurred or will occur, show existing two foot contours of the site extending beyond the property boundaries as needed.

☐ 2. Ordinary High Water Level (OHWL). Show the location of the OHWL elevation of the lake or watercourse. Staff will verify OHWL. If disputed, it must be surveyed.

☐ 3. Existing vegetation. Indicate existing woods, tree lines, lawn, native vegetation areas and any other vegetative types.

☐ 4. Watershed areas. If drainage or stormwater techniques will be included in the application, please include any and all contributing watershed areas.

☐ 5. Cross section. Show at least one existing cross section as it relates to each type of activity in the project area, if a topographic change has or will occur.

Plan Details:

☐ 1. Cross section. Show at least one proposed cross section as it relates to each type of activity in the shoreline or slopes to be repaired or disturbed, if a topographic change has or will occur.

☐ 2. Toe protection. Indicate what type of toe protection (if needed) will be established at the shoreline. (i.e., coir log, bio-engineering, rock riprap)

☐ 3. Finished grades. Indicate proposed finished slopes (i.e., 2:1 or flatter, represent in terms of vertical to horizontal distance).

☐ 4. Final contours. Show all proposed changes to the existing contours due to land disturbance.

☐ 5. Disturbed area. Identify the disturbed area. Include roads and lot clearing.

☐ 6. Stormwater and erosion control. Indicate the type and location of stormwater and erosion control techniques for the site with details of construction (i.e., seed, mulch, silt fencing).

☐ 7. Planting plan (attach to application). Indicate proposed vegetation (scientific names) and how it will be established: seeding (temporary and permanent), plugs, trees, shrubs, vines – including

rates, spacing, total numbers and locations of each.

☐ 8. Implementation schedule. Outline the proposed order of all aspects of construction.

☐ 9. Work and materials list (attach to application). Develop a defined list of work and materials including quantities for each item.

☐ 10. Stake out or flag the affected area(s).

Other Considerations:

Temporary erosion control measures. Indicate how erosion on the site will be temporarily controlled until permanent erosion control can be implemented (temporary or permanent seeding, sod installation, established plant installation, hydro seeding, erosion blanket amount and type, etc.)

1. Soil stockpiles shall be stabilized or protected with sediment trapping measures to prevent soil loss.
2. A permanent vegetative cover shall be established on disturbed areas not otherwise permanently stabilized. Native vegetation is preferred.
3. Properties adjacent to the site of a land disturbance shall be protected from sediment deposition.
4. Sediment basins and traps, perimeter dikes (for diversion), sediment barriers (silt fences) and other measures intended to trap sediment on-site shall be constructed prior to or concurrent with any grading and shall be functional before upslope land disturbance takes place. Earthen structures such as dams, dikes and diversions shall be seeded and mulched within fourteen (14) days of installation.
5. Construction vehicles and other equipment shall be kept out of watercourses to the maximum extent possible.
6. All temporary erosion and sediment control measures shall be properly disposed of within thirty (30) days after final site stabilization is achieved or after the temporary measures are no longer needed, unless otherwise authorized by the Department.
7. All temporary and permanent erosion and sediment control practices shall be maintained and repaired as needed to assure continued performance of their intended functions.
8. Permanent or temporary soil stabilization shall be applied to disturbed areas (areas where vegetation has been removed or where cuts have been made), after each day of construction/installation unless otherwise granted by the Director. Soil stabilization measures shall be selected to be appropriate for the time of year, site conditions and estimated duration of use.

Other information unique to this project:

☐ **1.** _____

☐ **2.** _____

☐ **3.** _____