**Stream Corridor Stabilization Inspection and Maintenance Recommendations**

Inspection Items:

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| **Activity** | **Schedule** | **Responsible Persons** |
| If erosion control blankets or TRM are used to control erosion during establishment of vegetative cover, inspect to ensure they are staying in place, installed per manufacturer, and providing protection. | During vegetative establishment |  |
| Inspect to ensure that no erosion is occurring. Install needed erosion control measures and/or re-seed as needed. | Annually |  |
| If native species are used, inspect to ensure establishment is progressing as planned, recognizing that establishment may take 2 to 3 years. | Annually |  |
| Inspect to ensure the plant community is vigorous and outcompeting weeds and other undesirable species. | Annually once vegetation is established |  |
| If native species are used, inspect for reeds canarygrass, which will be a major competitor to the native plant community and take approved measure to suppress and encourage establishment of natives. | Annually |  |
| If rip rap, bendway weirs, riffles, j-hooks, or other structures are installed inspect to ensure they are have not moved and are performing as designed.  | Monthly and after major storm events |  |
| Inspect to ensure there are no log or debris jams or other obstructions restricting or deflecting flows in a manner that causes erosion or other problems. | Monthly and after major storm events |  |
| Observe flow paths and deposition patterns to ensure stream flow is occurring as planned. | Annually |  |
| If fish habitat (i.e. bank hides, loafing boulders) were installed, inspect to ensure unwanted sediment build up has not occur. | Monthly and after major storm events |  |
| Monitor for potential problems that might require “varmit control” – (i.e. weakened bank due to excessive muskrat burrowing, beaver dams that could impound water causing problems with restricted storm sewer outflow or damage to private property). | Annually |  |

Maintenance Items:

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| **Activity** | **Schedule** | **Responsible Persons** |
| Repair any erosion or damage to any rip rap, bendway weirs, riffles, j-hooks, or other structures that are installed to ensure they are performing as designed. | Monthly and after major storm events |  |
| Remove any log or debris jams or other obstructions that restrict or deflect flows that cause erosion or unwanted deposition of sediment | Monthly and after major storm events |  |
| Remove unwanted sediment from fish habitat and re-direct flows to ensure deposition doesn’t occur in these areas | Annually |  |
| Remove any excessive deposition of sediment, debris, and floatable litter that may accumulate. | Monthly and after major storm events |  |

Considerations for Native Plantings:

1. Provide the necessary care to keep native plantings weed free and to maintain a pleasing appearance (applies to short or tall; low or high diversity plantings).
2. Avoid fertilizing native plantings.
3. If native turf is installed, mow as needed or as desired to a minimum height of 4 inches (mowing can be eliminated after establishment, if desired).
4. If allowed by local code, consider annual fire management for diverse native plantings or for unmowed native turf to maintain vigor of the plant community and maintain a pleasing appearance.
5. If prescribed fire cannot be performed on a regular (annual) basis, mow regularly (annually) to keep woody species from invading the planting.
6. If applicable, Plant a border of cool season turfgrass to provide a firebreak along the stream corridor and inspect to ensure it is non-flamable during burn season
7. If applicable, Mow and rake the firebreak prior to burning to ensure the firebreak is green and non-combustible for burn season (i.e. spring or fall).

Considerations for Non-Native Plantings:

1. If non-native plants (i.e. turf) are used, mow at least once annually as high as possible to prevent woody infestation that will shade out grass cover.
2. During establishment, mow cover crops or other competing vegetation to maintain a height of 8 inches.
3. If mowing is not performed, manually cut and stump treat woody invasives to prevent excessive shading of the ground cover.

Additional Items to Consider:

1. Test sediments for contaminants before dredging and dispose of sediment to appropriate location if contaminant levels are too high.
2. Test the water quality if algal blooms or fish kills are observed. This could mean the water has low levels of oxygen or high nutrient loads or pollutants.
3. Develop and follow an approved maintenance plan.
4. Are undesirable plants spreading through the border into a planting of natives? (i.e. turf grass)
5. Are plants healthy and vigorous? Do young plants show stress and need watering? Are replacement plants needed? Is the site weedy? Does it need pruning/deadheading?
6. If there is signage at the site is it in good condition?
7. Do maintenance actions require permits?

I certify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ commits to the specific work elements in this plan for the duration of 20 years from date of the practice certified as completed.

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Signature Title Date