

Environment and Natural Resources Trust Fund
M.L. 2021 Acquisition/Restoration Parcel List Spreadsheet



Proposal Title: Elm Creek Habitat Restoration Final Phase
Proposal ENRTF ID: 2021-377

Instructions: Please include on the following list all targeted parcels that you are currently considering for acquisition (fee title or easement) or restoration (all phases) using the appropriation. The list may include more parcels than you will ultimately acquire or conduct restoration work on with the funds. To be eligible as part of your project, however, a parcel must be included on the list. Changes may be requested through the amendment process. Please update the status column and submit with your periodic workplan updates. Include any significant issues related to any particular parcel in your activity and project status sections of your Main Workplan Document.

#	Acquisition or Restoration Parcel Name	Geographic Coordinates (preferably from the center of the parcel) Format: [Deg.]° [Min.]' [Sec.]" [Hemis.]		Estimated Cost	Estimated Annual PILT Liabilities	County	Site Significance (please include what ecosystem (e.g., prairie, forest, wetland, savanna) is represented as well as the ecological significance, site importance, conservation value, and public benefits)	Activity Description (e.g. fee title acquisition, conservation easement acquisition, site preparation, restoration)	# of Acres	# of Shoreline Miles	Type of Landowner (private individual or trust, non-profit organization, for-profit entity)	Proposed Fee Title or Easement Holder (if applicable)	Status of work (e.g. engaged in landowner negotiations, no longer in consideration, restoration activities underway)
		Latitude	Longitude										
1	24-120-22-34-0002 unplatted					HENN	Stream	Restoration					
2													
3	Lot 1, Bl 1 Killmer Park Add					HENN	Stream	Restoration			Public		
4													
5	25-120-22-31-0002					HENN	Stream	Restoration			Public		
6	Unplatted												
7													
8													
9													
10													
NOTES:													

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Additional Information for Acquisition, Easements, or other Acquisitions and Restoration

The information to be included in this section is to help fulfill specific legal requirements pertaining to fee title acquisition, easement acquisition, and restoration efforts completed using Environment and Natural Resources Trust Fund dollars.

More detailed information explaining these requirements is available in separate documents that are available on the “Project Manager Info” page of the LCCMR website under “Requirements for ENRTF Land Acquisitions and Restorations”: http://www.lccmr.leg.mn/pm_info/manager_info_index.html.

Please fill out the relevant portions below. Please delete any sections that do not apply to your project. For example, if your project only involves fee title acquisition, answer all five items under fee acquisition and then delete all of the text for the portions relating to conservation easement acquisition and restoration.

Your Proposal Identification

Your Proposal Title: Elm Creek Habitat Restoration Final Phase

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management needs of the parcel will be financed into the future.

Restoration

1. Provide a statement confirming that all restoration activities completed with these funds will occur on land permanently protected by a conservation easement or public ownership.

Phases V is the final phase of the Elm Creek habitat restoration project. This project includes 3,800 linear feet of stream bank restoration of Elm Creek which is located upgradient of the Mill ponds. Preliminary design plans have been completed in cooperation with the MNDNR, Elm Creek Management Commission and Hennepin County. Elm Creek is impaired water with low dissolved oxygen, restoring the stream banks and providing habitat structure will reduce downstream sedimentation and provide native habitat improvements including floodplain restoration, root wads, boulder vanes, toewood, boulder clusters, rock weir and improved riffles with varied substrate to enhance aquatic species habitat including sensitive species such as Blandings Turtle. The riparian areas of the creek will be restored with native planting buffer using native seeding that will filter sediments and nutrients from direct runoff. Our current water plan specifically identifies goals for accelerating projects for improved habitat, water quality and flood control. The project allows the City of Champlin to meet these goals and open opportunities for the public that includes recreation, fishing and educational experiences. The proposed project is located on City of Champlin and Three River Park District property with exception of a private parcel that the City of Champlin has an acquired easement.

2. Summarize the components and expected outcomes of restoration and management plans for the parcels to be restored by your organization, how these plans are kept on file by your organization, and overall strategies for long-term plan implementation.

In preparing the Habitat Restoration Plan, the City of Champlin utilized all available data which includes hydrologic assessments and completed field surveys of Elm Creek Phase V project based on standards in the Minnesota Department of Natural Resources (MNDNR) Fisheries Stream Survey Manual, Rosgen Channel Characterization. The proposed project is included in the City of Champlin CIP in addition to the Elm Creek Watershed Management Commission CIP to improve Elm Creek habitat, water quality and public use. Our experience in completing previous phases of habitat restoration projects we have effectively reduced costs on the project, achieved overall project goals and allows effectively efficient project completion schedule

3. Describe how restoration efforts will utilize and follow the Board of Soil and Water Resources “Native Vegetation Establishment and Enhancement Guidelines” in order to ensure ecological integrity and pollinator enhancement.

Our project has incorporated riparian and upland native vegetation planting as part of the overall habitat improvements providing restored functional landscapes while maintaining ecological diversity, and vegetative diversity utilizing yellow tag native seed and plant sources that commonly occur within this watershed. Use of native plant species will provide nutrient removal, slope stability, prevention of erosion, and provided pollinator habitat for insects and food sources for wildlife. The overall project design will also incorporate climate change in design modeling and selection of native plant species to increase the longevity of the project. Maintenance of the project has been incorporated into the funding request to ensure the project is monitored for required maintenance that includes erosion from large precipitation events, prevention of invasive plant species and noxious weeds from establishing within the project. The project once completed will also provide connectivity for wildlife species, aesthetics to the landscape and educational opportunities to the public.

4. Describe how the long-term maintenance and management needs of the parcel being restored with these funds will be met and financed into the future.

Long term goals of the project are to restore aquatic habitat and restore structural elements. Placement of aquatic structures including rock vanes and riffle pools will optimize oxygen levels in the stream and gravel beds and woody structure will improve the habitat and stream biota. The improvements described above will be incorporated in Phase V and will require future funding request for restoration of Hayden Lake. A long-term monitoring/maintenance plan will be implemented to assure all constructed habitat restoration measures are adequately functioning as designed for the project.

5. Describe how consideration will be given to contracting with Conservation Corps of Minnesota for any restoration activities.

The City of Champlin had on-going partnership with the Minnesota Conservation Corps for restoration and water quality projects. The Minnesota Conservation Corps will provide an important service for the

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restoration of the Elm Creek. This includes maintenance of invasive plant species prior to project construction. Native live plant species plantings and monitoring of wildlife species.

6. Provide a statement indicating that evaluations will be completed on parcels where activities were implemented both 1) initially after activity completion and 2) three years later as a follow-up. Evaluations should analyze improvements to the parcel and whether goals have been met, identify any problems with the implementation, and identify any findings that can be used to improve implementation of future restoration efforts at the site or elsewhere.

A long-term monitoring/maintenance plan will be implemented to assure all constructed habitat restoration measures are adequately functioning as designed for the project. The project will require inspection all restoration work to an acceptable standard, a warranty inspection will also be required for the restoration work completed. The monitoring plan will include a three (3) year follow-up inspection of the project restoration. We anticipate that long-term monitoring of the integrity of the improvements will be done in conjunction with routine inspections and biological monitoring conducted by local MNDNR staff, volunteers from local and the City of Champlin as appropriate. This monitoring and maintenance will not require separate funding. In the event that there are other maintenance costs, volunteer labor and other funds sources will be obtained to complete the required maintenance.