

## **2023 CDTC/CDRPC Community Planning Technical Assistance Program**

### **Town of East Greenbush**

### **Online Map Viewer of Existing Natural Resource Inventory (NRI)**

#### **Scope of Work**

CDTC and CDRPC will assist the Town to convert its Natural Resource Inventory Geographic Information System (GIS) files into a publicly available online map viewer, enabling increased use of this valuable data resource by the town's Conservation Advisory Council (CAC), Planning Board, Town Board, developers and residents.

#### **Task 1: Project Kick-Off**

CDRPC, CDTC and the Town will hold a project coordination meeting via video conference to review the project purpose, scope of work, anticipated work products and schedule. Prior to the meeting, the Town of East Greenbush shall provide to CDRPC and CDTC all NRI GIS files created by HREP (as \*.mpk files) as a starting point for map layers.

CDRPC and CDTC will coordinate a kick-off meeting with appropriate CDTC, CDRPC, Town of East Greenbush staff, and CAC volunteers to discuss the approach and technical considerations. At this meeting, the task force will decide which NRI map layers to include from the original map files and which are available as web map services.

#### **Task 2: Develop Interactive Map**

CDRPC will build an interactive map viewer within the town's Esri account, with appropriate group permissions given to the CAC Esri account. The map will include all NRI variables as map layers, in addition to other relevant variables. The map will provide a way to search by location, such as address and/or tax parcel. It will also provide an "identify" function that lists the value of each active map layer at the selected location.

If technical capabilities allow, the interactive map will allow the user to output a summary of all variables for the location (e.g., parcel) selected (or user-drawn polygon).

#### **Task 3: Test and Update System as Needed**

CDRPC will provide a demo of the first iteration to gather feedback from Town staff and CAC members and incorporate reasonable and feasible recommendations. CDRPC will provide a finalized list of spatial data sources and relevant tips for updating data layers in-house.

The town and CAC volunteers will create instructional documentation for the tool and present its use to appropriate town stakeholders, such as the Town Board and Planning Board. The project will be completed no later than December 31, 2023.

### **Project Budget**

Total project Value: \$13,552.34 (\$10,700 in CDTC/CDRPC staff time plus \$2,852.34 in local in-kind staff and volunteer time)