

# **Guidelines for Submitting Digital Data for Incorporation into the GRANIT Conservation / Public Lands Data Layer**

April, 2024

## **I. CONTENT OF GRANIT CONSERVATION / PUBLIC LANDS LAYER**

The GRANIT Conservation/Public Lands Layer contains a digital record of parcels of land of two or more acres that are mostly undeveloped and are protected from future development. Smaller parcels that adjoin previously mapped parcels or represent unique features, such as a bog or state-owned boat ramp, may also be included in the data layer.

Each **parcel** may comprise one or more tracts and thus may be represented by one or more features (polygons) in the spatial database. Multiple **tracts** may occur as a result of multiple acquisitions over time, single acquisitions from multiple owners, and/or a parcel that is bisected by a road or other base feature.

The data are available as both an ArcGIS personal geodatabase and shapefile. For a detailed description of the attribute fields and codes used for features in this dataset, please refer to the GRANIT Conservation/Public Lands Standard document:

<https://ftp.granit.unh.edu/resourcelibrary/GRANITresources/standards/ConservationLandsStandard.pdf>

## **II. SUBMITTING NEW DATA**

Data submissions may either be sent via email to [granit@unh.edu](mailto:granit@unh.edu) or, if file sizes do not allow for sending data as attachments via email, files can also be uploaded to <https://ftp.granit.unh.edu/d-cons/d-submissions/>. If submissions are uploaded to this folder, please send a notification email to [granit@unh.edu](mailto:granit@unh.edu).

All submissions should be accompanied by some type of descriptive text or a 'README' file that provides a general description of the data you have submitted (names of the files you have included, what types of data are included, etc.).

### **A. FORMAT**

Data may be submitted for inclusion into the GRANIT Conservation Lands Dataset in one of the standard ESRI formats (shapefile or geodatabase). For your reference, templates in these formats may be downloaded from <https://ftp.granit.unh.edu/d-cons/d-templates>

**B. COORDINATE REFERENCE**

Data should be submitted using the following spatial parameters:  
Projected Coordinate System – NH State Plane Feet, NAD1983  
Geographic Coordinate System – GCS North American 1983

If you download either of the previously referred to templates from the GRANIT distribution site, these parameters have already been defined for your convenience.

**C. SPATIAL DATA**

Please ensure that spatial data are topologically clean (ex. polygon features do not overlap, there are no duplicate features, etc.). If you do not have spatial data, but can identify the tax parcel map and lot numbers for the tract/parcel data you wish to submit, you may download a spreadsheet template from <https://ftp.granit.unh.edu/d-cons/d-templates/spreadsheet/> and provide us with as much attribute information as possible (ensuring that you include the tax map and lot numbers) and we can extract the spatial boundaries from the tax parcel mosaic dataset.

**D. ATTRIBUTE DATA**

You will find all of the required attribute fields already included in the previously mentioned templates (geodatabase, shapefile and spreadsheet formats). Please refer to the following documents for further clarification of the attribute items and associated codes:

<https://ftp.granit.unh.edu/resourcelibrary/GRANITresources/standards/ConservationLandsStandard.pdf>

<https://ftp.granit.unh.edu/resourcelibrary/GRANITresources/standards/TractDataSheet.pdf>

Please try to be as thorough as possible when populating the attribute items for each tract of protected land you are submitting.

**E. SOURCE INFORMATION**

If submitting your own spatial data, it would be extremely helpful to populate the SOURCE attribute field to let us know from where your spatial data came (ex. survey, tax map, GPS, etc.) to help us evaluate the accuracy of boundaries when attempting to resolve any spatial conflicts that may arise between new data and pre-existing GRANIT conservation lands data.

### **III. SUBMITTING UPDATES TO EXISTING GRANIT DATA**

#### **A. SPATIAL ADJUSTMENTS**

If you are submitting an update to the spatial data for a tract/parcel that already exists in our database, please be sure that your submission complies with the standards as outlined above in Section II. In addition, be sure that your submission references the existing GRANIT Tract Id and Name.

#### **B. ATTRIBUTE UPDATES**

If you are submitting ONLY updates to the associated attribute information for a tract / parcel, again, please be sure to reference the existing GRANIT Tract Id and Name as well as the attribute information you wish to be updated.

### **IV. SUBMITTING NEW DATA AND UPDATES TO EXISTING DATA TOGETHER**

If your submission contains a combination of both new data and updates to existing GRANIT data, we request that you please separate the two submission types (for example, submit one shapefile for all new data and one for updates to existing data).