

## **SPATIAL DATA SUBMITTAL**

NIRIS Spatial Data Submittals include all spatial Environmental Restoration (ER) deliverables associated with NAVFAC Installations. If new ER spatial data (CAD, GIS, etc.) are created or existing spatial data is modified, the spatial data should be included in the final deliverable.

## **SPATIAL DATA REQUIREMENTS**

Spatial data is required to be delivered in an Esri File Geodatabase. Detailed specifications describing spatial data deliverable requirements are available within the **NIRISGISDatasets Spreadsheet** and can be downloaded from the NIRIS website. This table provides guidance on how to populate the empty features classes that are included in the **NIRIS\_TEMPLATE Geodatabase**. Data may be submitted in CAD format if the contractor does not have the Esri GIS software but will still need to comply with the attribution guidance noted above.

## **MAPPING STANDARDS AND REQUIREMENTS**

Please adhere to the following spatial data requirements listed below:

- Use a WGS84 projection
- Horizontal datum should be WGS84

## **SPATIAL DATA GUIDANCE**

**NIRISGISDatasets**— This spreadsheet defines the feature classes developed for storing NIRIS GIS spatial data, which are described below. The first 6 tabs contain population guidance for each feature class. All other tabs contain domain names along with their coded values. Only spatial data submitted using the naming conventions and attributes defined in the worksheets of this specification will be accepted. The contractor must use the appropriate feature class (layer) for their spatial data set. Each field is described with direction on how to populate. Fields noted as “Leave null” do not require any action.

### **NIRIS Feature Classes:**

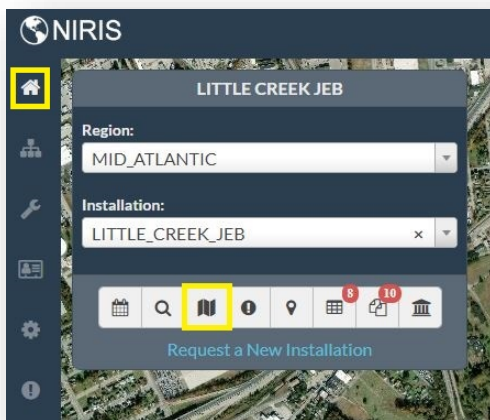
- **GeneralContour** - The line of constant value, or isoline, relative to some reference system and unit of measure.
- **EnvironmentalRestorationSite** - The area where a Defense Environmental Restoration Program or project is underway.
- **LandUseControl** - The location where any type of physical, legal, or administrative mechanism exists that restricts the use of, or limits access to, real property to reduce risks to human health or the environment.

- **PollutionSite** - The location where a compound has been released to the environment and is present at a concentration that exceeds the background concentration.
- **PotentialContaminationSite** - The area that is suspected to possess environmental contamination that has a potential to become a remediation site.

**NIRIS\_TEMPLATE Geodatabase** – This is a template Esri File Geodatabase that contains all the above-referenced NIRIS GIS feature classes and their associated domain values. The contractor should only submit the feature classes that are used.

### HOW TO SUBMIT SPATIAL DATA

Click on the maps and spatial data button to upload your spatial data deliverable as illustrated below.



#### Installation Maps & Spatial Data ✕

The following maps are available for this installation:

[Environmental Restoration Data](#)

The spatial data for this installation can be bundled up for download. Spatial Data can also be uploaded for the RDM. Click below to request a download link via email or upload spatial data:

[Request Spatial Data](#) [Upload Spatial Data](#)

## OBTAINING SUPPORT

A Support Request tool is available along with access to Frequently Asked Questions and Documentation. To create a new support request, click on the help button at the top right-hand corner of the NIRIS portal, then hit New Support Request.

