

The contractor will use the Vermont Agency of Natural Resources Water Supply Division GIS data template to submit the following where necessary:

- Ground Water Source Protection Areas (polygon)
- Surface Water Source Protection Areas (polygon)
- Two Year Time of Travel (polygon)
- Public Drinking Water Source (point)

This GIS data template will contain the necessary ESRI ArcGIS 9.3 geodatabase feature classes needed for submitting new or existing source water protection areas (SPAs). The feature classes include a preloaded attribute table for populating the required attribute data. The data sources will include a pre-populated FGDC compliant metadata schema. Additional information about the FGDC Metadata Standard is available on the FGDC website (<http://www.fgdc.gov/metadata/>). GIS data will be delivered in Vermont State Plane Coordinate System (SPCS) based on the North American Datum (NAD) of 1983 and stored in meters. All products developed as part of the project are the property of the State of Vermont. The GIS data will be delivered on DVD, CD or USB device.

Deliverables include:

- One ESRI version 9.3 Water Supply Division GIS geodatabase (file or personal geodatabase) containing the feature classes included in the template. Within each applicable feature class the GIS data should contain:
  - Points/Polygons for each water source protection area and their respective protection zones.
  - Complete attributes for each feature/row in the attribute table.
    1. Notation for Ground/Surface water SPA  
Water System ID (WSID) = VT00XXXX
    2. Notation for GROUND water SPA Well (Facility\_ID) = WLXXX
    3. Notation for SURFACE water SPA Well (Facility\_ID) = INXXX
  - FGDC compliant metadata for the template feature classes