

# Submitting CCN Service Area Boundary Map

## Information in Digital Format

We are currently developing a state wide Geographic Information Systems (GIS) coverage of all CCN service areas. The Mylar maps are being retired. In order to assist us in this move, we are requesting that a digital file of the proposed CCN service area boundary be submitted with the 3 hard copy maps. **This is not a requirement.** It is understood that not all utilities employ the services of an engineering company or use mapping software to produce a map of the proposed CCN service area boundary. However, by submitting the information digitally, the evaluation of your CCN will be faster and more accurate. Also, by receiving the information in digital form it is easier for us to update and maintain the CCN GIS coverage.

### Digital Data and the hard copy maps should include the following items:

- (1) Map scale should be prominently displayed.
- (2) Color coding should be used to differentiate the applicants existing service areas from the proposed service area.
- (3) Attach a written description of the proposed service area.
- (4) Proposed service area should be the same on all maps.

★ NOTE: *All maps should include Applicants name, address, telephone number and date of drawing or revision. All maps should be folded to 8.5" X 11".*

### A. Digital Map Requirements

In order that your digital data can be properly used, the following information is necessary:

- i. Submit digital data of the proposed CCN service area on a 3.25" diskette or CD. Only one diskette or CD is necessary. Most files of CCNs (minus the base map) should be small enough to zip up and put on a diskette or CD.
- ii. The digital data should include all items represented in the hard copy maps (see Application to Obtain or Amend a Water or Sewer CCN, Section 2, items E.i and E.ii).
- iii. Please identify data file format, projection information, map units and base map used. **Acceptable**

#### Data File Formats:

1. ArcView shape file (preferred)
2. AutoCAD dwg file
3. Arc/Info E00 file
4. DXF file
5. Microstation dgn files

★ NOTE: If you use a format that is not listed, contact the Cartographer at the number listed below to see if we can use the data.

- a. **Projection, Datum, and Units Information** The data should be submitted in the Texas State Mapping System (TSMS) Projection. However, if it cannot be submitted in TSMS, list the Projection (e.g. State Plane Central Zone, NAD27) or coordinate system being used and Units (e.g. meters, feet, etc.)
- b. **Base Map Information**  
List the base map used (e.g. TxDOT county digital road maps, USGS maps, etc.) Base map information should be included only if it has been produced in-house and is not easily available at most data repositories.
- ★ NOTE: TCEQ uses TxDOT county (urban) digital road maps as the official CCN base map. Copies of these files can be obtained from Texas Natural Resources Information Systems (TNRIS) at (512) 463-8337 or downloaded from the [Exit... TNRIS website](#)
- c. **Read-me text file**  
Data file format, projection and units information, and other necessary information can be specified in a read-me text file.

**B. Important Information**

For those applicants that submit digital data:

- i. Please make sure the proposed service area boundary shown on the hard copy map is identical to the digital data. If the proposed service area shown on the digital data does not delineate the same area shown on the hard copy map, the hard copy map will be used to delineate the official CCN service area.
- ii. Modifications may be made to submitted digital data in order to match the proposed service area boundary to features represented on the TxDOT base map, as opposed to the same features used in the applicant's base map.
- ii. If an applicant proposes to amend a portion of their existing CCN service area, the existing service area shown on the digital data must match the official CCN service area that was previously certificated to the utility. If it does not, then only the proposed portion of the digital data will be used.

If you have any questions about sending the data or our GIS CCN coverage, please contact the CCN Mapping staff, Water Supply Division at (512) 239-4691. Your cooperation and help is appreciated. Thank you.