

## CPA-52, Section G – Special Environmental Concerns

### Information Sources and Links

**Summary:** The reference sources below are intended to assist the planner with documentation and completion of CPA-52, Section G - Special Environmental Concerns. The National Resources listings are USDA webinars available to assist specific sections of the CPA-52. The Tennessee Specific Resources listings include both state and federal links to access and assist information specific to sites in Tennessee.

#### **National Resources (USDA):**

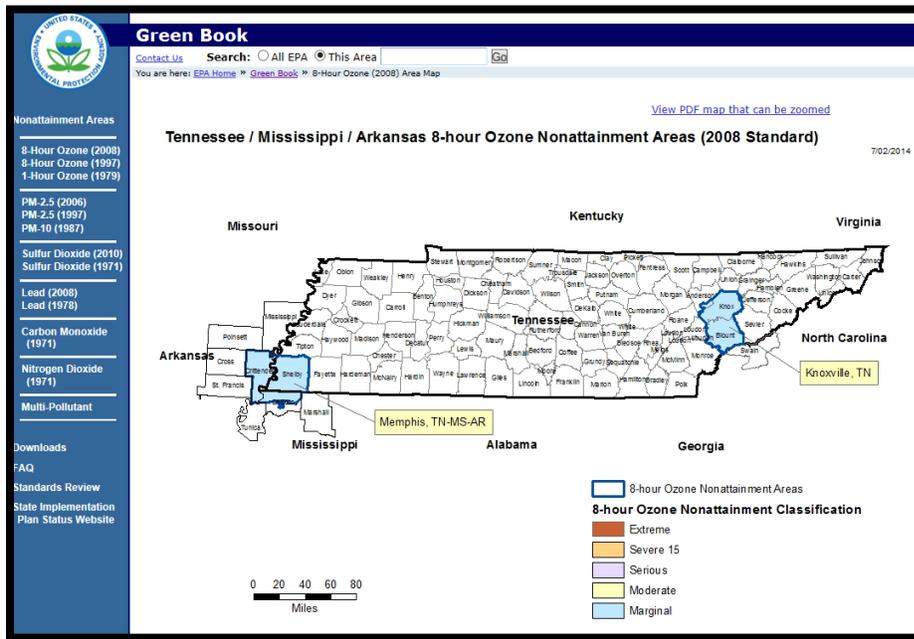
- (1) CPA-52 Guide Sheets
- (2) USDA Science & Technology Training Library Webinar Portal <http://www.conservationwebinars.net/>  
Search under Conservation Webinars/Environmental Compliance/Environmental Evaluation Series:
  - Environmental Evaluation Series No. 2: Documenting the Environmental Evaluation on the NRCS CPA-52 Environmental Evaluation Worksheet
  - Environmental Evaluation Series No. 3: Planning for Floodplain and Riparian Area Special Environmental Concerns
  - Environmental Evaluation Series No. 4: Planning for Wetlands and Clean Water Act Special Environmental Concerns
  - Environmental Evaluation Series No. 5: Planning for Prime and Unique Farmland and Invasive Species Special Environmental Concerns
  - Environmental Evaluation Series No. 6: Planning for Endangered Species / Migratory Birds / Bald and Golden Eagles Special Environmental Concerns
  - Environmental Evaluation Series No. 7: Planning for Natural Areas, Scenic Beauty, and Wild and Scenic Rivers Special Environmental Concerns
  - Environmental Evaluation Series No. 8: Planning for Clean Air and Environmental Justice Special Environmental Concerns
  - Environmental Evaluation Series No. 10: Planning for Cultural Resources Special Environmental Concerns and Making the NEPA Finding

#### **Tennessee Specific Resources:**

##### **Clean Air**

- (1) EPA EJScreen: <http://www2.epa.gov/ejscreen>  
Launch tool. Go to “Map Data”. Select “Map Supplementary Layers”. Select “Nonattainment Area”. Select variable e.g. Ozone 8-hr (2008 standard); PM2.5 24-hr (2006 standard); Lead (2008 standard)
- (2) Alternative: EPA “Green Book”: <http://www.epa.gov/oaqps001/greenbk/multipol.html>  
National Ambient Air Quality Standards (NAAQS) for priority pollutants: Ozone (8-hour), Particulate Matter (PM 2.5), Lead, Sulfur dioxide, Carbon monoxide, Nitrogen dioxide  
Exhibit Example: Click pollutant (left column) e.g. 8-hour Ozone (2008). Click “Individual State Maps with 2008 Ozone Nonattainment Areas”. Select “Tennessee”.

## Exhibit: Tennessee Non-attainment Areas for 8-hour Ozone



### Clean Water

- (1) List of 303(d) streams:  
<http://tn.gov/environment/water/docs/wpc/2014-proposed-final-303d-list.pdf>
- (2) NRCS Geo-data: F:\geodata\hydrography\2012\_Water\_Quality
- (3) Alternative: EPA EJScreen: <http://www2.epa.gov/ejscreen>  
Launch tool. Go to "Map Data". Select "Map Supplementary Layers". Select "Water Features". Select "Impaired Streams". Note: Feature titled "Streams" provides a stream network

### Coastal Zone

- (1) Not applicable in TN. Either delete from CPA-52 worksheet or simply mark "N/A" on CPA-52

### Coral Reefs

- (1) Not applicable in TN. Either delete from CPA-52 worksheet or simply mark "N/A" on CPA-52

### Cultural Resources

- (1) Tennessee Undertakings Designations (eFOTG Section 2, Cultural Resources Information)
- (2) Send Cultural Resources Undertakings Review Worksheet to Don Merritt ([don.merritt@tn.usda.gov](mailto:don.merritt@tn.usda.gov))

### Endangered and Threatened Species

- (1) Federal Species
  - a. **Consult area biologists for federal species listings and effects determinations** (e.g. "no effect", "not likely to affect", "not likely to affect-beneficial", "may adversely affect")
  - b. Citation for CPA 52: USDA-NRCS Programmatic Consultation, FWS# 2014-I-0324, dated August 27, 2014. Include area biologist email.

## (2) State Species

- a. **Consult area biologists for state species list and effects determination**
- b. FYI: Tennessee Rare Species listing: (Does **NOT** provide NRCS **effects** determination for CPA-52)  
[http://environment-online.state.tn.us:8080/pls/enf\\_reports/f?p=9014:4:0::NO](http://environment-online.state.tn.us:8080/pls/enf_reports/f?p=9014:4:0::NO)  
Tennessee Natural Heritage Program (TDEC) interactive online state species system. Filters by watershed (HUC12), quadrangle (topo), or county

## Environmental Justice

- (1) EPA EJScreen: <http://www2.epa.gov/ejscreen>  
Launch tool. Go to "Map Data". Select "Map Supplementary Demographics". Select Category "Population". Example: Select Variable "Pct Minority Population". This layer has multiple demographic breakdowns.
- (2) Alternative: EPA map website: <http://epamap14.epa.gov/ejmap/entry.html>  
Type in location address. Select "Demographics (SF1) 2010/Minority % 2010/by Block"  
NOTE: This website can also be used to show "Non-attainment Areas" for ozone, lead, particulate matter (PM 2.5, 2006 Standard) which is an information resource for Clean Air Special Environmental Concerns, as well as any designated EJ areas due to a pollutant e.g. air, water, hazardous waste (superfund) areas. Typically designated in urban areas
- (3) Contact Frank Sagona, NRCS Environmental Liaison  
[frank.sagona@tn.usda.gov](mailto:frank.sagona@tn.usda.gov) (423) 894-1678 Ext.100

## Essential Fish Habitat

- (1) Not applicable in TN. Either delete from CPA-52 worksheet or simply mark "N/A" on CPA-52

## Floodplain Management

- (1) Consult local planning office for flood maps
- (2) Alternative: FEMA Flood Map Center: <https://msc.fema.gov/portal/>  
Type address. Select "View" (left side of page). Then pan/zoom to area of interest. 100-yr and 500-yr flood areas shown
- (3) Alternative: USDA Soil Survey (County) Map

## Invasive Species

- (1) Federal (USDA) List: e.g. Browse by: Plants (aquatic, terrestrial), Animals, Microbes (plant, animal pathogens): <http://www.invasivespeciesinfo.gov/resources/identify.shtml>
- (2) State List: [http://www.tneppc.org/invasive\\_plants](http://www.tneppc.org/invasive_plants)
- (3) Invasive Species Compendium: <http://www.cabi.org/isc/>

## Migratory Birds, Bald and Golden Eagle Protection Act

CPA-52 should be "No" takings (take means to pursue, hunt, shoot, kill, trap, capture, or collect listed birds (consult area biologist or Fish and Wildlife Service listings for Tennessee). Note that the Act does not prohibit the destruction of a nest alone (without birds or eggs). However, it is likely that a critical bat habitat tree may be present and preclude migratory bird nest/tree removal or damage.

### **Natural Areas**

- (1) Designated State areas: <http://www.tn.gov/environment/natural-areas/natural-areas/map.shtml>

### **Prime and Unique Farmlands:**

- (1) Local knowledge/resource information; area soil scientists

### **Riparian Areas**

- (1) Local knowledge/resource information; GM Part 411 for definition

### **Scenic Beauty**

- (1) Local knowledge/perspective; no state designations

### **Wetlands**

- (1) Consult Area staff

### **Wild and Scenic Rivers:**

- (1) Federal designation (Obed R., TN): <http://www.rivers.gov/national-system.php>
- (2) National Rivers Inventory: <http://www.nps.gov/ncrc/programs/rtca/nri/index.html>
- (3) State designated: <http://www.tn.gov/environment/natural-areas/scenic-rivers.shtml>