

**Programmatic Consultation with the U.S. Army Corps of Engineers**  
404 Permitted Projects with Relatively Small Effects on the Giant Garter Snake  
within Butte, Colusa, Glenn, Fresno, Merced, Sacramento, San Joaquin, Solano,  
Stanislaus, Sutter and Yolo Counties, California

**Appendix B**  
**Items Necessary for the Service to Complete Formal Consultation**  
**on Projects with Impacts to Giant Garter Snake**

1. A description of the specific area that may be affected by the action, including:
  - a. Precise location of the project site clearly delineated on either an original or high quality copy of a U.S. Geological Survey topographic map (exact scale, 7.5 minute, 1" = 2,000 ft.). The map should include quad name(s), county name(s), legal location, and project name.
  - b. Area (in acres) affected by the proposed project, including total area of the project, estimated area of giant garter snake habitat filled/destroyed, and estimated area of habitat temporarily disturbed. Also include linear feet of bank habitat disturbed and linear feet of aquatic habitat (canal, waterway, marsh) dewatered, filled, excavated, or cleared of vegetation. Giant garter snake habitat includes both aquatic and upland habitats. Aquatic habitat may be seasonal or perennial marshes, sloughs, ponds, small lakes, low gradient streams, and irrigation and drainage canals.
  - c. Detailed map of proposed project site in addition to the location map specified above. This map should include the following items: potential habitat of giant garter snake on-site, and on adjacent property where habitat crosses property boundary, location and type of potential impacts (i.e., buildings, other structures, roads, riprap, staging areas, haul roads, stockpiling areas, borrow sites) on proposed site, and other listed or proposed species locations/habitats.
  - d. Detailed map of the location of any proposed habitat restoration and/or replacement, including distance from the project site and proximity to existing habitat.
  
2. A description of the action to be considered, including:
  - a. Any dewatering and time period of dewatering.
  - b. Project schedule/timing of project.
  - c. Type of project by category (development, conservation banking, utilities or infrastructure project).
  - d. Any grading, dredging, excavation, or clearing of vegetation required.
  
3. A description of all listed species or critical habitat that may be affected by the action. Projects may affect more than one federally listed or proposed species, and may require consultation on more than one species. Including an evaluation of the potential effects of

the action on listed and proposed species will give the Service the opportunity to concur with the agency's determination, or to recommend formal consultation. If the action may affect a listed or proposed species, but is not likely to adversely affect the species, the Service will include this determination with completion of the formal consultation on giant garter snake. If formal consultation is required on other species in addition to giant garter snake, the Service will work with the Corps to include all necessary species into the formal consultation process.

4. A description of the manner in which the action may affect any listed species or critical habitat and an analysis of any cumulative effects:
  - a. Analysis of direct and indirect effects.
  - b. Analysis of cumulative effects.
  - c. Include any conservation measures, including restoration and/or replacement of habitat and other measures, that the applicant proposes to avoid and minimize the effects of take on the snake. Proposed conservation measures should include monitoring and management plans for restored and replacement habitat. **To expedite consultation, such plans and measures should be developed during the informal consultation process with the Service.**
5. Relevant reports, including any EIS, EA, or BA prepared.
6. Any other relevant available information.

[Endangered Species Div., Sacramento Fish & Wildlife Office, U.S. Fish & Wildlife Service](#)