

Department of the Army Permit Application SUPPLEMENTAL QUESTIONNAIRE

A complete Department of the Army Permit Application consists of the application form (ENG Form 4345, <http://usace.army.mil/CECW/Documents/cecwo/reg/eng4345a.pdf>), drawings and environmental information necessary to determine a project's probable impact on the public interest (33 CFR Part 325.1 (d)(1) and Part 325.3(a)). Based on our experience, the environmental information necessary to make the public interest determination is often inadequate when only the ENG Form 4345 form is submitted by applicants. Project managers must then request additional information from applicants, resulting in delays in project evaluation. In order to provide more efficient processing of your application, this questionnaire has been developed to supplement the information required in ENG Form 4345 and to simplify your submittal of environmental assessment information.

A. LOCATION (supplement to Blocks 15-16 of ENG Form 4345):

1. Please provide the Tax Map Key number(s) for the project site: _____
 2. Please provide the Latitude _____ and Longitude _____.
 3. Please provide the watershed in which work is proposed: _____
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B. PROPOSED ACTION (supplement to Block 18 of ENG Form 4345)

1. Please provide a detailed description of the scope of work, especially those activities that may adversely impact the aquatic environment, including the following pertinent information:
 - a. Construction method(s) highlighting those methods requiring in-water work
 - b. Machinery/equipment necessary to complete construction
 - c. Staging/Access requirements
 - d. Construction sequence
 - e. Construction scheduling (begin & end dates)
 - f. Location of stockpiling of material. (Be advised, stockpiling of materials in waters of the U.S. is discouraged. If unavoidable, stockpiling of materials in waters of the U.S. will require prior authorization from this office as it constitutes a temporary discharge of fill material.)
 2. Please provide the location of borrow and upland disposal sites for construction materials and any excess materials not utilized to complete the project
 3. Please provide a description of Best Management Practices i.e., silt fence/curtain, sheet pile, sandbags, etc., proposed for implementation throughout the project site as a measure to prevent degradation of the aquatic environment. Include a diagram showing placement of BMPs relative to the project site with the
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C. DISCHARGE OF DREDGED AND/OR FILL MATERIAL (supplement to Blocks 20-22 of ENG Form 4345).

1. State the source of the dredged or fill material.*
2. State the method of discharge. Provide type of equipment/machinery required.
3. Indicate the location of the discharge within the project site. This is best accomplished through a plan view drawing of the site that shows the footprint of the filled area (discharge). A cross-sectional view with existing and proposed contours (elevations) also provides necessary information on the scope of proposed work.** The cross-sectional view should clearly demarcate either the Mean High Water Mark or the Mean Higher High Water Mark/High Tide Line for tidal waters or the Ordinary High Water Mark for non-tidal waters. Definitions of these limits of jurisdiction are available at, <http://gpo.gov/fdsys/pkg/CFR-2011-title33-vol3/pdf/CFR-2011-title33-vol3-part328.pdf>. Be advised, the Corps has sole authority to assert jurisdiction over a water body.
4. What types of structures or facilities would be constructed on the fill area? (Show on drawings their dimensions, layout, etc.)

*Note that Blocks 21 and 22 of ENG Form 4345 require both the volume (usually given in cubic yards) *and* surface area (square feet, acres, etc.) of fill.

**Please submit any drawings on 8 ½" x 11" paper.

D. DREDGING PROJECTS

1. Please provide plans showing the dredging footprint within the project site. Include cross-sectional views depicting the existing and proposed contours. Also include a location/vicinity map and plan view (if appropriate) of the area(s) where dredge spoil will be stockpiled, processed, and disposed.
2. What is the type and composition of the material to be dredged?
3. How much time will be required to complete the dredging (construction window)? Will the dredging project be accomplished in phases? If so, please describe. Is maintenance dredging proposed, and, if so, what is the timeframe of the dredging cycle?
4. How much material will be dredged?
 - a. Volume:
 - b. Surface area:
5. State what dredging method(s) will be used, and indicate why that method(s) is proposed.
6. Where will the dredged material be de-watered?
7. Do you plan to transport dredged material for the purpose of disposing it in the ocean?
 - a. Where do you plan to dispose of the dredged material?
 - b. How much material (volume) will be disposed?
 - c. What is the type and composition of the material?
 - d. How long do you plan to dispose of the material?
 - e. How will you transport the material to the ocean dump site?

E. STRUCTURES IN NAVIGABLE WATERS

Be advised that the Corps considers and as such, regulates, some BMPs as structures.

1. What specific structures will be constructed (type and size) and with what machinery and/or equipment?
 2. Is in-water work required? If yes, describe.
 3. What will the structures be used for?
 4. Describe support and/or anchoring systems, where applicable.
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F. EXISTING ENVIRONMENT

Please submit photos when possible!

1. PHYSICAL ENVIRONMENT

- a. How would you generally describe the project area and surrounding area?
 - (1) Level of development:
 - (2) Existing land and water use:
 - (3) Other general features:
- b. What kind of substrate (i.e., rock, rubble, soil, etc.) is found at the project site?
- c. What is the range of water levels which occur (during normal tides and during storm of flood periods)?
- d. Describe the water currents and water circulation patterns at the project site.
- e. What is the salinity (salt, brackish, or fresh) of the water at the project site?
- f. What is the quality of the water at the project site? For instance, in Hawaii a stream may be listed as a 303(d) Impaired Water by the State Department of Health (DOH).
- g. Is this area a groundwater recharge area?
- h. What is the history or possibility of contaminants/pollutants in the substrate (soil) at the source of fill material?
- i. Have there been problems with erosion at or near the project site?
- j. Is the project site located in or near a drainage way or flood plain? If yes, describe.
- k. What is the quality of the air at the project site? Will the proposed project have an adverse, or insignificant, effect on air quality at the site? Will the impacts to air quality be temporary or permanent?
- l. What are the existing noise levels at the project site? Will the proposed project have an adverse, or insignificant, effect on noise levels at the site? Will the impacts to noise levels be temporary or permanent?

2. BIOLOGICAL ENVIRONMENT (attach biological survey reports if available)

- a. Biological survey reports from a qualified environmental professional can provide much of the necessary information for evaluating a project's potential to impact aquatic resources. If not available, a general characterization of the plants and animals at the site should be provided.

- b. Please list any plants and animals found within or near the project area that are listed as threatened or endangered under the Endangered Species Act of 1973.
<http://fws.gov/pacificislands/teslist.html>.

3. SPECIAL AQUATIC SITES

Is the project site located at or adjacent to any of the following areas? (Show on vicinity drawings the extent of the special sites, if they are present, clearly labeling each type.) Are any of these sites proposed for impact as a result of this project?

Special Aquatic Site:	Dredge Site	Discharge Site	Construction Site
Wetlands (swamps, marshes, bogs)			
Mudflats			
Vegetated Shallows/Seagrass beds			
Coral Reefs			
Riffle & Pool Complexes (streams)			

4. PUBLIC INTEREST REVIEW

- a. What is the existing land use zoning for the site and its vicinity?
 b. What is on the land (including dwellings, facilities, etc.) at or near the site?
 c. Do any of the following occur at or near the site?

Characteristic	Dredge Site	Discharge Site	Construction Site
Local fresh water supply			
Fishing (recreational, commercial)			
Scenic areas			
Agriculture (type)			
Aquaculture (type)			
Historic sites (type)			
Other cultural resources (type)			
Parks, monuments, preserves, etc.			
Other (type)			

G. ENVIRONMENTAL EFFECTS OF PROPOSED PROJECT

Briefly describe the environmental effects which may be expected as a result of your proposal, referring to the items listed in Section F above. Please don't answer "none"..all projects have some effects.

1. Physical environment (effects on land, water, air, soil, etc.)
2. Biological environment (effects on plants, animals, and habitats)
3. Special aquatic sites (effects on wetlands, coral reefs, etc.)
4. Human use (how existing human activities would be affected)
5. Historical/Cultural resources. The Corps must evaluate permit applications pursuant to Section 106 of the National Historic Preservation Act. In many cases, the Corps must coordinate its determination of a project's potential to adversely affect historic sites with the

local Historic Preservation Officer. The Corps encourages applicants to contact their local Historic Preservation Officer as soon as possible in the project planning process to address any issues relevant to Section 106.

- a. The State of Hawaii's Historic Preservation Office can be found at,
<http://hawaii.gov/dlnr/hpd/hpgreeting.htm>.
 - b. The Guam Historic Preservation Office can be found at,
<http://historicguam.org/index.htm>
 6. Indirect impacts (will the project eventually encourage or discourage residential, agricultural, urban, industrial or resort activities?)
 7. Cumulative impacts (Is this project similar in purpose, characteristics, and location compared to previous projects? Will this project lead to or be followed by similar projects? Are there other activities in the area similar to your proposed activity?)
 8. Other impacts
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ALTERNATIVES to Activities Conducted in Aquatic Areas

1. List other sites which may be suitable for this proposal and indicate whether these are or could become available to you. If none, explain why.
 2. If your project involves the discharge of fill material to convert wetlands or submerged areas to upland (dry land), list any existing upland sites which are or could become available to you. If none, clearly explain why.
 3. List other methods or project designs which would fulfill the basic purpose of your proposal. Which ones are reasonable for you? If none, explain why.
 4. If your permit application were denied, what other alternatives would you have?
 5. What can you do to avoid or minimize adverse effects of your proposal on the environment? For instance, a project might be relocated to a non-aquatic site, the footprint of fill or dredging can be minimized to only that which is necessary to achieve project purpose, a project footprint might be moved within a site to avoid aquatic resources, and/or different construction methods that do not require in-water work could be used.
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Please see the Honolulu District's Compensatory Mitigation and Monitoring Guidelines on-line on our web site (<http://poh.usace.army.mil/regulatory.asp>), or contact the Corps office listed below to request a hard copy. Thank you for your cooperation in this manner. If you have any questions, please contact the Corps of Engineers, Regulatory Branch at (808) 438-9258 in Honolulu or at (671) 339-2108 in Guam.