

Regional Categorical Permission Alteration Description – 3. Soil Investigations, Borings, Explorations, and Instrumentation

The Regional Categorical Permission covers exploratory activities, geotechnical and similar borings, and instrumentation. Work may be conducted within the embankment, adjacent to the toe, in the floodway, or in lined channels. Borings and explorations may include but are not limited to cone penetration testing, conventional geotechnical borings, cultural inventories, hydrovac excavation, potholing, and trenching. Installation of instrumentation such as piezometers or inclinometers and associated equipment used to monitor or test the embankment or floodway would be included in this type of alteration.

Borings in the levee, embankment, or the embankment foundation would require a Drilling Program Plan in accordance with Engineer Regulation 1110-1-1807, Drilling and Invasive Activities at Dams and Levees, as part of the technical review of the proposed alteration.

All drilling should be designed to minimize the need for drilling fluid in the embankment or the embankment foundation, reducing the possibility of damage.

The requester must discontinue drilling and place grout or bentonite seals in all open borings, trenches, and other excavations if the river approaches flood stage. Drilling or other explorations should not begin if the river is approaching flood stage. In preparation for unexpected river stage increases, the requester must ensure borehole sealing materials and equipment are on-hand at the site before drilling begins.

Open boreholes and excavations must be covered when personnel leave the site at the end of each day, and all open boreholes should be sealed before personnel leave the construction site at the end of a work week.

Boreholes awaiting backfill should be covered to prevent entry by small animals.

The requester must verify that drilling equipment will not disrupt overhead wires.

Regional Categorical Permission Alteration Checklist – 3. Soil Investigations, Borings, Explorations, and Instrumentation

Note: The following checklist is intended for planning purposes only and includes information that USACE reviewers look for when considering a Section 408 request for soil investigations, borings, explorations, and instrumentation under the Regional Categorical Permission. To be reviewed under the Regional Categorical Permission, the proposed project must adhere to all requirements of the Regional Categorical Permission, including the full alteration description (see previous page). The plans and narrative project description should reflect this information.

<input type="checkbox"/> New Construction	<input type="checkbox"/> Replacement	<input type="checkbox"/> Modification	<input type="checkbox"/> Authorize Existing
Borings in levee and/or levee foundation have a Drilling Program Plan:		Yes <input type="checkbox"/>	N/A <input type="checkbox"/>
Reference: [Click to enter document source. Example – plan sheet (p. 4), specs, report.]			
Comment: [Click to enter rationale, explanation, unique situation, etc.]			
Borehole sealing materials and equipment will be kept at the site before drilling begins:		Yes <input type="checkbox"/>	N/A <input type="checkbox"/>
Reference: [Click to enter document source. Example – plan sheet (p. 4), specs, report.]			
Comment: [Click to enter rationale, explanation, unique situation, etc.]			
Open boreholes and excavations will be covered when personnel leave the site at the end of each day and sealed before personnel leave the site at the end of a work week:		<input type="checkbox"/>	
Reference: [Click to enter document source. Example – plan sheet (p. 4), specs, report.]			
Comment: [Click to enter rationale, explanation, unique situation, etc.]			
Drilling equipment will not disrupt overhead wires:		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Reference: [Click to enter document source. Example – plan sheet (p. 4), specs, report.]			
Comment: [Click to enter rationale, explanation, unique situation, etc.]			

– For Official Use Only below this line –

Comment

RCP Eligibility Review

<u>Yes</u>	<u>No</u>	<u>Add'l. Info Requested</u>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Reviewer: _____	Date: <small>Click date</small> _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Engineering Reviewer: _____	Date: <small>Click date</small> _____