

Regional Categorical Permission Alteration Description – 21. Stairs and Handrails

The Regional Categorical Permission covers the installation, modification, and replacement of stairs and handrails that comply with certain terms and conditions. Stairs must be made of brick, concrete, rock, or other sufficiently durable inorganic material. Wooden or wood-based products must not be used.

Waterside stairs must be built into the levee, flush with the slope to avoid creating eddy currents in the adjoining channel. The profile of the stairs must not protrude above the face of the slope. Handrails are not allowed on the waterside levee slope or on the levee crown.

No part of the stairs or its foundation may extend deeper than 12 inches into the levee.

Regional Categorical Permission Alteration Checklist – 21. Stairs and Handrails

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 stairs and handrails 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.

1.	<input type="checkbox"/> New Installation	<input type="checkbox"/> Replacement	<input type="checkbox"/> Modification	<input type="checkbox"/> Authorize Existing
2.	Stairs will be made of concrete, rock, brick, or other sufficiently durable inorganic materials, stairs will not be made of wood or wood-based products: <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.]			
3.	Waterside stairs will be built into the levee, flush with the slope:			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.]			
4.	No part of the stairs or its foundation will extend deeper than 12 inches into the levee:			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.]			
5.	The profile of the waterside stairs will not protrude above the face of the levee slope:			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.]			
6.	No handrails will be constructed on the waterside levee slope or on the levee crown:			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.]			
7.	Hydraulic blockage calculation $\geq 1\%$?			Yes <input type="checkbox"/> No <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.]			
8.	Hydraulic model used for hydraulic analysis?			Yes <input type="checkbox"/> No <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.]			

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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> _____