

Regional Categorical Permission Alteration Description – 18. Research Monitoring

The Regional Categorical Permission covers:

- Installation, operation, and replacement of devices whose purpose is to measure and record data, including meteorological stations, staff gauges, tide and current gauges, and wet weather, water quality, and chemical and biological observation devices.
- Sonar, seismic, and other acoustic surveys, including installation, operation, replacement, and removal of equipment.
- Monitoring and exploration for natural resources.
- Fish and wildlife harvesting, enhancement, and study activities are covered, including electrofishing, fyke and screw fish traps, and netting.

Piezometer installation is not covered under this alteration description. See “3. Borings, Explorations, and Instrumentation” for information on piezometers.

All installation and operation should be designed to minimize adverse effects on the federal project and environment. For example, floating measuring devices must be securely anchored or tethered; deployment should be for the shortest time possible to achieve the desired goal; and, for longer term projects and research, regular inspections are necessary to ensure that the device(s) remain serviceable and intact. A device inspection schedule and a plan for navigational aids must be provided.

Upon completion of monitoring, the measuring device(s) and any associated structures and equipment (e.g., foundations, anchors, buoys, and lines) must be removed and the site restored to pre-alteration conditions.

To prevent damage to the levees, heavy equipment (e.g., backhoes) required for research and monitoring activities is not allowed on levees when heavy rainfall has occurred or if the levee is saturated.

The requester must verify that monitoring devices and associated equipment would not disrupt overhead wires or interfere with the public’s access to navigation or recreation.

Regional Categorical Permission Alteration Checklist – 18. Research Monitoring

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 research and monitoring 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.	Floating measurement devices securely anchored or tethered:			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.]			
3.	Device inspection schedule and a plan for navigational aids submitted:			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.	Measuring device(s) and any associated structures and equipment will be removed and the site restored to pre-alteration conditions:			<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.	Monitoring devices and associated equipment will not disrupt overhead wires or interfere with the public's access to navigation or recreation:			<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.	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.]			
7.	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> _____