

Regional Categorical Permission Alteration Description – 16. Landside Pump Stations

The Regional Categorical Permission covers the installation, modification, and replacement of landside pump stations and associated facilities that comply with certain terms and conditions, particularly current USACE standards. Disturbance associated with the pump station is limited to 5 acres.

Whenever possible, pump stations should be located outside the levee easement. Requests to locate a pump station within 15 feet of the levee toe must be accompanied by a geotechnical analysis that includes a seepage analysis. The site layout should provide adequate access for maintenance vehicles to refill fuel tanks and service and replace pumps, generators, and so forth.

Wet wells must be designed to avoid hydraulic uplift and inlet and outlet ditches must be designed to avoid causing an underseepage threat to the levee.

All flows to the landside pump station should be screened before they reach the pump(s). Trash racks are the preferred method of screening and must be regularly cleared of debris.

The operation and maintenance of the pump station should ensure that (1) the pumps continue to function properly and (2) it does not pose a threat to the levee.

Regional Categorical Permission Alteration Checklist – 16. Landside Pump Stations

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 landside pump stations 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. | Maximum total area of disturbance is 5 acre: <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. | Pump station to be located within 15 feet of the levee toe: Yes <input type="checkbox"/> No <input type="checkbox"/> • If yes, geotechnical analysis including a seepage analysis submitted: <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. | Wet wells designed to avoid hydraulic uplift: 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. | Inlet and outlet ditches designed to avoid causing an underseepage threat to 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.] | |

– 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> _____ |