

## **Categorical Permission Alteration Description – 25. Wells**

The categorical permission covers the installation of wells that comply with certain terms and conditions. Specifically, wells must not be installed within 300 feet of the landside levee toe. Wells must not be installed within 15 feet of the waterside levee toe

Any structures and fencing at well sites within the floodway must not impact the hydraulic functioning of the floodway. The location and design of wells must not interfere with access or with routine operation and maintenance of the levee and channel.

Abandoned wells in the project easement should be completely grouted and sealed to eliminate physical hazards and detrimental effects to the flood risk management system. Primary sealing materials consist of cement or cement-bentonite grout placed from the bottom upward. In general, abandoned wells must be grouted and sealed following procedures established by local, state, and federal regulatory agencies.

### **Categorical Permission Alteration Checklist – 25. Wells**

Please note, the following checklist is intended for planning purposes only and reflects information that USACE reviewers will look for when considering a Section 408 request for wells under the Categorical Permission. To be reviewed under the Categorical Permission, the proposed project must adhere to all requirements of the Categorical Permission, including the full alteration description (see previous page). The plans and narrative project description should reflect this information.

Installation  Abandon

Well(s) will not be installed within 300 feet of the landside levee toe:

Well(s) will not be installed within 15 feet of the waterside levee toe:

Any structures and fencing at well sites within the floodway will not impact the hydraulic functioning of the floodway:

The location and design of wells will not interfere with access or with routine operation and maintenance of the levee and channel:

Abandoned wells will be grouted and sealed following procedures established by local, state, and federal regulatory agencies:

Any work  $\leq 15$  feet from the levee toe? Yes  No

Hydraulic blockage calculation  $\geq 1\%$ ? Yes  No

Hydraulic model used for hydraulic analysis? Yes  No