

**DEPARTMENT OF THE ARMY PERMIT**  
**Regional Permit 27**  
**Emergency Reconstruction and Repair Activities for Flood Damaged Areas**  
**in All Waters of the United States**  
**in the State of Iowa (Regional Permit 27)**

**Permittee:** This regional permit authorizes activities proposed by the general public, railroads, transportation departments, pipeline and utility companies, and government agencies.

**Number:** CEMVR-OD-P-2008-689 (Regional Permit 27)

**Expiration Date:** December 31, 2009

**Issuing Office:** U.S. Army Corps of Engineers, Rock Island District  
Clock Tower Building - P.O. Box 2004  
Rock Island, Illinois 61204-2004

You are authorized to perform work in accordance with the terms and conditions specified below.

**NOTE:** The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

**Project Description.** Work is authorized to excavate or place fill material for protection and/or repair of existing flood damaged structures, damaged land areas and/or damaged fills as follows:

1. Repair of levees to existing elevations and cross-section, including breach closures and borrow operations
2. Bridge embankment protection (armoring) and/or repair
3. Repair of pre-existing highway or railroad embankments and the addition or repair of stone (armoring) protection
4. Repair of pre-existing utility protection structures
5. Placement of rock and/or earth materials for stream/ditch bank protection and/or stream/ditch bank restoration
6. Drainage channel/ditch restoration to pre-flood capacity and flow line unless the flow line must be altered due to other damage associated with the flood event
7. Restoration of creek channels to pre-flooding alignment and capacity
8. Construction of temporary roads and temporary fills to facilitate the completion of any of the listed activities

Note: Maintenance of existing flood damaged structures and/or flood damaged fills, which have been previously authorized, may be authorized by Nationwide Permit No. 3 or exempted by Part 323.4 of Federal regulations 33 CFR 320-331. The repair of uplands damaged by storms, floods or other discrete events may be authorized by Nationwide Permit No. 45 upon notification and review by the appropriate Corps of Engineers District, Regulatory Branch.

**Project Location.** This regional permits will authorize work in waters of the United States (including rivers, lakes, streams and wetland areas) associated with emergency reconstruction and repair activities in counties declared flood disaster areas by the State of Iowa.

**Permit Conditions:**

❖ **General Conditions:**

1. The time limit for completing the work authorized ends 180 days from the date of each individual project determination. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before that date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party, in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archaeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions. (Condition is not applicable for Section 10 Permits.)

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

❖ **Special Conditions:**

1. These regional permits authorize the discharge of dredged or fill material and other work associated with emergency restoration, repair, or reconstruction measures performed in waters of the United States within the States of Illinois and Iowa as a result of damages recently incurred during flooding in 2008. Work will be limited to that necessary to restore damaged areas to pre-flood conditions. The time period for completing the proposed work is 180 days from each permit determination.

2. All channel restoration work will be limited to restoring the area to pre-flood conditions and verified using United States Department of Agriculture, Natural Resource Conservation Service, aerial photographs, or other qualifiable data, plans, etc. Channel restoration of areas not caused by the flood of 2008 or otherwise not verifiable, is not authorized under these regional permits.

3. Clean, uncontaminated materials must be used for fill in order to minimize excessive turbidity by leaching of fines, as well as to preclude the entrance of deleterious and/or toxic materials into waters of the United States by natural runoff or by leaching. All fill materials must be obtained from upland nonwetland sources or authorized excavation sites. Use of small aggregate materials, such as creek gravel, for stabilization and erosion control is prohibited under these regional permits.

4. Temporary levees, accesses, and other fills must involve the least damaging and minimum disturbance/impacts to waters of the United States. Appropriate measures must be taken to maintain near normal downstream flows and to minimize flooding. Fill must be of materials and placed in a manner that will not be eroded by expected high flows. Temporary fill (including sandbags) must be entirely removed to upland nonwetland areas following completion of the construction activity and the affected areas restored to the pre-project conditions. Cofferdams cannot be used to dewater wetlands or other aquatic areas so as to change their use.

5. Any construction debris or waste materials may not be disposed of below the ordinary high water mark of any water body, in a wetland area, or at any location where the material could be introduced into the water body or an adjacent wetland as a result of run off, flooding, wind, or other natural forces.

6. All dredged or excavated materials, with the exception of that authorized herein, will be placed on an upland site above the ordinary high water line in a confined area, not classified as a wetland, to prevent the return of such material to the waterway.

7. All excavation, dredging, and/or filling in the watercourse must be conducted in a manner that will minimize increases in suspended solids and turbidity which may degrade water quality and damage aquatic life outside the immediate area of operation.

8. All debris during every phase of the project must be immediately removed and properly disposed of in order to prevent accumulation of unsightly, deleterious and/or toxic material in or near the water body.

9. All construction materials, equipment, and/or petroleum products, when not in use, must be stored above anticipated high water levels.

10. All structures will be designed and constructed in such a way that they do not result in stream channel constriction or in redirection of flows in such a way as to cause upstream or downstream erosion, or other property damage.

11. The clearing of timber and other vegetation will be restricted to the absolute minimum required to accomplish the work. The removal of mature trees must be avoided to prevent potential impacts to bald eagle roost sites and Indiana bats.

12. Upon completion of earthwork operations, all fills in the water or on shore, and other areas on shore disturbed during construction must be seeded, replanted, or otherwise protected from erosion. The use of crown vetch should be avoided. If seeding does not successfully vegetate the disturbed areas by the end of the first growing season, alternate measures, such as placing riprap, slope terracing with untreated railroad ties, gabions or concrete blocks, or additional vegetative plantings to protect the disturbed areas from further erosion must be implemented. You must contact the Corps of Engineers prior to beginning work on any additional erosion control measures so that we can determine if further authorization will be required.

13. Only graded rock, quarry-run rock and/or clean concrete rubble may be used for riprap. The material must be reasonably well graded, consisting of pieces varying in size from 20 pounds up to and including at least some 150-pound pieces. Generally, the maximum weight of any piece should not be more than 500 pounds. Gravel and dirt should not exceed 15 percent of the total fill volume. If concrete rubble is used, all large slabs must be broken to conform to the well-graded requirement. All exposed reinforcement rods, trash, asphalt, and other extraneous materials must be removed before the rubble is placed in waters of the United States.

14. All temporary fills, including sand bags, in the waters of the United States must be completely removed within 30 days of the end of the flood emergency and disposed of in accordance with special conditions included in the regional permit.

15. This permit does not authorize construction in any environmentally sensitive area, such as mussel beds, fish spawning areas, waterfowl nesting areas, etc.

16. Measures must be taken for heavy equipment usage in wetland areas to minimize soil disturbance and compaction. All exposed soils and other fills as well as any work below the ordinary high water mark must be permanently stabilized at the earliest practicable date using permanent native vegetation, bioengineering methods, or armoring.

17. Any excavation or placement of temporary or permanent fill must be performed in a way that would not result in the physical destruction of important fish spawning areas, including smothering of downstream spawning areas via turbidity.

18. Petroleum products, other chemicals, and other unsuitable materials (e.g. trash, debris, asphalt, etc.) will be prevented from entering water bodies, streams, and wetlands.

19. Appropriate soil erosion and sediment control measures must be used and maintained during project construction.

20. Temporary and permanent structures must be installed to maintain low flow conditions and to pass normal and expected high flows.

21. The United States shall not be responsible for damage to property or injuries to persons which may arise from or be incident to the work herein authorized, and the permittee shall hold the United States harmless from any and all such claims, except to the extent that the damage or injury is caused solely by the negligence of the United States.

22. The project proponent must notify the appropriate public or private utility in advance of any work within 250 feet of an underground utility so that the utility is not damaged during construction activities.

23. Mitigation may be required on a case-by-case basis for all completed and/or proposed wetland fill activities authorized by these regional permits.

24. **Water quality certification.** The conditions listed in the Section 401 water quality certification from the Iowa Department of Natural Resources dated July 10, 2008, are considered to be part of this regional permit.

<<<< END OF SPECIAL CONDITIONS >>>>

**Further information:**

1. **Congressional Authorities:** You have been authorized to undertake the activity described above pursuant to:

- ( X ) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
- ( X ) Section 404 of the Clean Water Act (33 U.S.C. 1344).
- ( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. **Limits of this authorization.**

- a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.

3. **Limits of Federal Liability.** In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. **Reliance on Applicant's Data.** The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. **Reevaluation of Permit Decision.** This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

- a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. **Extensions.** General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



Robert A. Sinkler  
Colonel, U.S. Army  
District Engineer, Rock Island District

17 FEB 09

Date

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

\_\_\_\_\_  
Transferee

\_\_\_\_\_  
Date



CHESTER J. CULVER, GOVERNOR  
PATTY JUDGE, LT. GOVERNOR

## STATE OF IOWA

DEPARTMENT OF NATURAL RESOURCES  
RICHARD A. LEOPOLD, DIRECTOR

July 10, 2008

Colonel Robert A. Sinkler  
U.S. Army Corps of Engineers  
Rock Island District – Clock Tower Building  
PO Box 2004  
Rock Island, IL 61204-2004

Dear Colonel Sinkler:

After reviewing your request for State 401 Water Quality Certification for Regional Permit 27, the Iowa Department of Natural Resources has issued the enclosed Certification.

For any project requiring a Regional Permit that will impact a water body listed in the Iowa Department of Natural Resources (IDNR) "Special Waters of Concern" guidebook, the Corps of Engineers will contact the IDNR for project-specific comments/conditions to protect the water quality/aquatic resources of the site. The IDNR appreciates the on-going interagency coordination

If you have any questions or comments about the certification or any conditions contained therein, please contact me at the address shown below or call (515) 281-6615.

Sincerely,

A handwritten signature in cursive script that reads "Christine M. Schwake".

Christine M. Schwake  
Environmental Specialist

cc: Mr. Wayne Hannel, Department of the Army Corps of Engineers, Rock Island District, Clock Tower Building, P.O. Box 2004, Rock Island, IL 61204-2004

**IOWA DEPARTMENT OF NATURAL RESOURCES  
SECTION 401 WATER QUALITY CERTIFICATION**

Certification issued to:

Effective: July 10, 2008

U.S. Army Corps of Engineers – Rock Island District, Clock Tower Building, Rock Island, IL 61204-2004

**Project certified:** US Army Corps of Engineers, Joint Public Notice No. CEMVR-OD-P-2008-0689  
State 401 Water Quality Certification, Application Log No.: 08-Iowa-06-04-S

**Project description:** Re-issue Regional Permit 27 for Emergency Reconstruction and Repair Activities for Flood Damaged Areas in All Waters of the United States in the State of Iowa.

**Water quality use designation:**

At a minimum, all surface waters in Iowa, including wetlands and those designated for Class "A", "B", and/or "C" are classified for the following general uses: livestock and wildlife watering, noncontact recreation, crop irrigation, and industrial, agricultural, domestic, and other incidental withdrawal uses.

The Iowa Department of Natural Resources (IDNR) has issued this State 401 Water Quality Certification pursuant to Section 401 of the Clean Water Act. Section 401 Certification represents the IDNR's concurrence that the permitted projects are consistent with the Water Quality Standards of the state of Iowa as set forth in Chapter 61, Iowa Administrative Code. Subject to the conditions listed in the Corps of Engineer's Regional Permit 27 and the attached conditions, incorporated by reference herein, the IDNR has determined that there is reasonable assurance the proposed activities will be conducted in a manner that will not violate water quality standards of the state of Iowa.

Prepared By:

*Christine M. Schwake*

Date Executed: July 10, 2008

Christine M. Schwake, IDNR, Wallace State Office Building, Des Moines, IA 50319-0034 (515) 281-6615

**GENERAL CONDITIONS**

1. Permittee is responsible for securing and for compliance with such other permits or approvals as may be required by the IDNR, federal, state, or local governmental agencies for the project activities described.
2. You are encouraged to conduct your construction activities during a period of low flow.
3. Erosion control features (i.e., silt fences, silt ditches, silt dikes, silt basins, etc.) must be installed to provide continuous erosion control throughout the construction and post construction period as well as the revegetation of all disturbed areas upon project completion. Where siltation control features have been reduced in capacity by 50% or more, the features shall be restored to their original condition with a minimum of delay.
4. Upon completion of earthwork operations, all fills in the water or on shore, and other areas on shore disturbed during construction must be seeded, replanted, or otherwise protected from erosion. The use of crown vetch and Reed Canarygrass shall be excluded from the seed mixes. If seeding does not successfully vegetate the disturbed areas by the end of the first growing season, alternate measures, such as placing riprap, slope terracing with untreated railroad ties, gabions, or concrete blocks, or additional vegetative plantings to protect the disturbed areas from further erosion must be implemented. The Corps must be contacted prior to beginning work on any additional erosion control measure so they can determine if further authorization will be required.
5. If temporary crossings are needed for the project, then the temporary structures and fills shall involve the least damaging and minimum amount of disturbance/impacts to waters of the state and appropriate measures must be taken to maintain near normal downstream flows, allow the passage of fish, and minimize flooding. If dredged material is to be used, it must first be tested and found to contain less than five percent fines that would pass through a #200 sieve. The material must be placed in such a way to prevent its washing downstream. All temporary fills shall be completely removed to an upland, nonwetland site and the area restored to pre-project conditions within 30 days of the end of their use.