



**US ARMY CORPS
OF ENGINEERS**
St. Louis District
Gateway to Excellence

Public Notice

Reply To:
U.S. Army Corps of Engineers
Attn: CEMVS-CO-F
1222 Spruce Street
St. Louis, MO 63103-2833

Public Notice No.
P-2379
Public Notice Date
Oct. 01, 2003

Expiration Date
Postmaster Please Post Conspicuously Until: Oct. 22, 2003

File Number: 200303690

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached map.

COMMENTS AND ADDITIONAL INFORMATION: Comments on the described work should reference the U.S. Army Corps of Engineers File Number shown above and must reach this office no later than the above expiration date of the Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers
ATTN: CEMVS-CO-F (Michael Daily)
1222 Spruce Street
St. Louis, Missouri 63103-2833

APPLICANT: The City of Greenville, Mr. James Stevens, Greenville City Manager, 404 South Third Street, Greenville, Illinois 62246

AUTHORIZED AGENT: The City of Greenville, Mr. Tim C. Buck, Building Official, 404 South Third Street, Greenville, Illinois 62246

LOCATION: Governor Bond Lake, within the NW quarter of Section 35, Township 06 North, Range 03 West, near Greenville, Bond County, Illinois.

PROJECT DESCRIPTION: The applicant proposes to place bank stabilization along 14 separate designated sections of Governor Bond Lake, Greenville Illinois. Three locations have work partially completed and thus require after the fact authority. To limit environmental impacts, one of these two sites has been authorized under Nationwide 13 Authority. The proposed

erosion control will be accomplished by native plant materials (165'), the placement of clean riprap (1625.5'), a metal shore wall (1450') or a combination of all three methods as detailed within the attached plans and drawings. A clamshell bucket may be used to excavate soil from the lakebed in front of the metal shore walls and placed behind these walls for backfill.

Authorization for the 129 existing boat docks and ramps will be grandfathered with no further permit authorization required. A list of lake addresses with existing boat docks and ramps is available. Any future shoreline bank stabilization and boat dock construction activities by individual property owners, or the City of Greenville, will be considered a modification to this authorization and must be approved by Department of the Army permit authority prior to construction. Request shall be submitted through the City of Greenville to the Corps of Engineers (CE) Regulatory Office for review and approval. If approved, the CE will furnish a copy of the permit modification to the City of Greenville, which will in turn provide a copy of the Individual Permit and modifications to the individual property owner(s).

DRAWINGS: See Attached

ADDITIONAL INFORMATION: Additional information may be obtained by telephoning Mr. Michael Daily, Project Manager, U.S. Army Corps of Engineers at (314) 331-8185 or at electronic mail address: Susan.L.Horneman@mvs02.usace.army.mil

AUTHORITY: This permit will be issued or denied under the following: Section 404 of the Clean Water Act (33 U.S.C. 1344), for discharge of dredged or fill material into waters of the United States.

WATER QUALITY CERTIFICATION: This public notice also provides documentation to the Illinois Environmental Protection Agency (IEPA) for water quality certification, or waiver thereof, for the proposed activity in accordance with Section 401 of the Clean Water Act. Certification or waiver indicates that IEPA believes the activity will not violate applicable water quality standards. The review by the IEPA is conducted in accordance with the Illinois water quality standards under 35 Illinois Administrative Code Subtitle C. The water quality standards provide for the IEPA to review individual projects by providing an antidegradation assessment, which includes an evaluation of alternatives to any proposed increase in pollutant loading that may result from this activity. The "Fact Sheet" containing the antidegradation assessment for this proposed project may be found on the IEPA's web site, at www.epa.state.il.us/public-notice/. In the event that the IEPA is unable to publish the "Fact Sheet" corresponding to the timeframe of this Joint Public Notice, a separate public notice and "Fact Sheet" will be published by the IEPA at the web site identified above. You may also obtain a copy of the "Fact Sheet" by contacting the IEPA at the address or telephone number shown below.

Written comments specifically concerning possible impacts to water quality should be addressed to:

Illinois Environmental Protection Agency
Bureau of Water
Watershed Management Section
1021 N. Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

A copy of all written comments should also be provided to the CE. If you have any questions please contact the IEPA at (217) 782-3362.

SECTION 404 (b) (1) EVALUATION: The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404 (b) (1) of the Clean Water Act.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Request for public hearings shall state, with particularity, the reasons for holding the public hearing.

ENDANGERED SPECIES: A preliminary determination, in compliance with the Endangered Species Act, as amended, has been made that these proposed activities would not affect species designated as threatened or endangered, or adversely affect critical habitat. Therefore, no formal consultation request has been made to the United States Department of Interior, Fish and Wildlife Service. In order to complete our evaluation, comments are solicited by this public notice from the Fish and Wildlife Service and other interested agencies and individuals.

CULTURAL RESOURCES: Coordination with the State Historic Preservation Officer has begun. Additional information received in response to this public notice and we may require a reconnaissance survey of the project area.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably be expected to accrue from the described activity must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns,

wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion, and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people. The CE is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of these proposed activities. Any comments received will be considered by the CE to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above.

Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

DANNY D. MCCLENDON
Chief, Regulatory Branch

Attachments: Site Map 1, General Area Map

Attachments: Site Map 2, Erosion Control Activities

Attachments: Types of Erosion Control Impacts

Attachments: Governing Conditions for Riprap and Sea Walls

Attachments: Policy for Shoreline Modifications to Governor Bond Lake

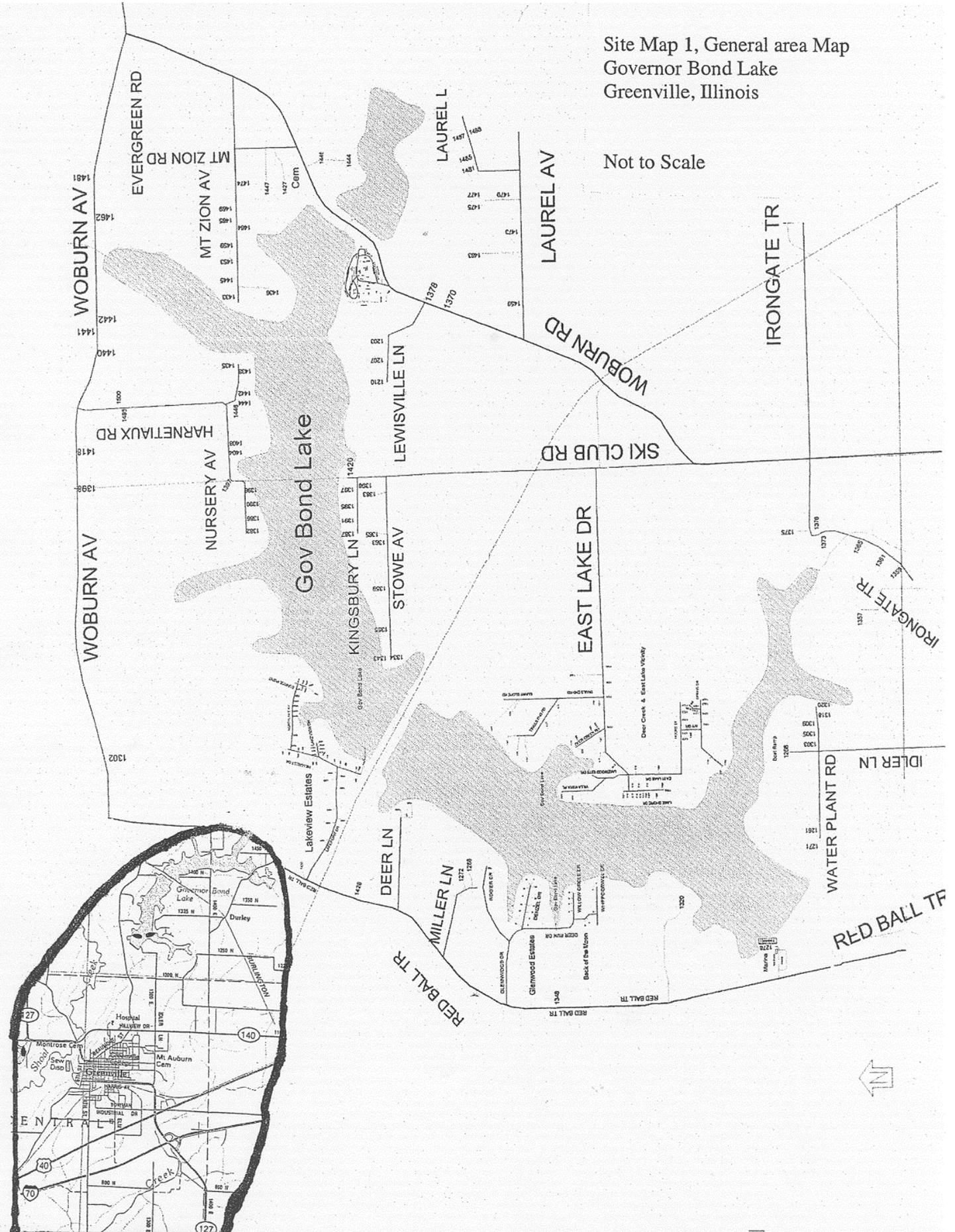
Attachments: Typical Methods for Riprap and Sea Walls

NOTICE TO POSTMASTERS:

It is requested that this notice be conspicuously and continually placed for 21 days from the date of this issuance of this notice.

Site Map 1, General area Map
 Governor Bond Lake
 Greenville, Illinois

Not to Scale



City of Greenville - Shoreline Modification Applications

Site Map 2, Erosion Control Activities



**Types of Erosion Control Impacts
Governor Bond Lake
Greenville, Illinois**

	Street Address		Shorewall	Rip Rap	Vegetation
			Type of impact in feet		
1	15 Denzel Drive		150	150	
2	16 Denzel Drive		160		60
3	1295 Ivy Drive			90	25
4	1323 Lakeview Drive		110		
5	1338 Lakewood Estates	After the Fact	50		
6	1324 Moore Street		150		
7	1310 Moore Street		130		
8	1404 Nursery Ave.			265	
9	1308 Spring Drive		305		
10	1322 Spring Drive			203	
11	1444 Sunrise Point			65	
12	1437 Sunrise Point	After the Fact NW 13		450	80
13	1300 Rogier Drive		395	200	
14	59 Sunrise Point	After the Fact		202.5	
	Total		1450	1625.5	165

Governing Conditions for Rip-Rap and Sea Walls

1. Stone rip-rap. Stone rip-rap minimum size 3 inches maximum size 4 inches to be placed on an approved mat along the bank to provide bank stabilization. Work to be performed at each individual property along the lake bank on as-needed basis under the supervision of the City of Greenville.

2. Steel seawalls. Steel seawalls are constructed of steel sheet piling driven in place and trimmed to a height of no more than 21 inches above 535 elevation “normal lake level” and capped with a piece of steel angle iron to strengthen and give it a finished edge. The sheetpiling will be adequately anchored according to manufacturer’s guidelines. After the shore wall is straightened and braced, a clamshell bucket may be used to excavate soil from the lake bed in front of the wall and placed behind the wall for backfill. Generally .05 cubic yards of material backfill material is required per lineal foot of shoreline stabilized. Once the filled area has dried, it can be seeded. Generally, the seawalls will be constructed at elevation 535. However, special circumstances such as stabilization of the toes of bluff areas may require additional footage, but only as much as engineering recommendation determine.

3. Concrete seawalls. Concrete seawall construction will be similar to steel seawalls. Construction includes the excavation of a trench along the shoreline to set forms for concrete. The contractor must confine all of the materials removed during construction. After the construction has set and the forms removed, the area behind the wall may be filled. Generally .05 cubic yards of backfill material is required per lineal foot of shoreline stabilized. Once the filled area has dried, it can be seeded.

4. Other. No work at individual sites may be done until the City of Greenville has received a drawing for the site and has reviewed the installation procedures with the contractor. No railroad tie or treated wood timber shorewall will be allowed. Whole concrete or concrete block may not be used in place of stone rip-rap. No re-bar or other material may protrude from the shoreline into the lake.

Project Location: Parts of Sections 23, 24, 25, 26, 35 and 36 within Township 6 North, Range 3 west of the third principal meridian; and parts of Sections 18, 19 and 30 within Township 6 North, Range 2 west of the third principal meridian; Greenville, Bond County, Illinois.

Permit criteria – Gov. Bond Lake

MODERATE SITE:

A moderate site may be most easily described as the bank portion of the waterfront that has been eroded more than .5 feet (height) but less than 3 ft. height. Areas displaying erosion in this range shall be permitted to use natural aquatic vegetation in moderately eroded areas of less than .5 feet. Areas with more than .5ft. and less than 3 ft. shall receive riprap. Either treatment will be determined by a site visit to the area.

SEVERE SITE:

A severe site is described as natural soils eroded more than 3 ft. Sites with this damage will be required to install seawall protection, as per approved construction guidelines.

General issues.

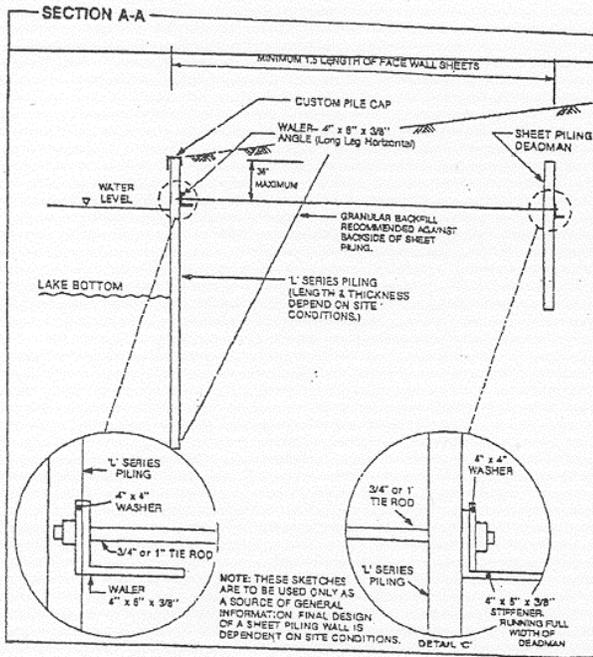
Where possible, permitting the least amount of interference will be the preferred treatment, for areas not damaged and that do not show signs of runoff or sediment carry. For mixed moderate and severe, the preferred treatment will be no more than 50% of the applicant's waterfront receiving sea-wall, 25% receiving riprap, and 25% receiving aquatic planting, to reduce erosion. Under special circumstances, more or less the previous balance of approved treatments will be considered.

Seawall typically will be discouraged unless erosion is severe. Riprap will be recognized as the better solution, with aquatic planting the most preferred, providing no runoff or sedimentation has occurred. Land reclamation will not be a viable purpose for any shoreline activity.

Typical Methods for Rip-Rap and Sea Walls
 Governor Bond Lake
 Greenville, Illinois

**TYPICAL LAYOUT
 SHEET PILING**

Sea Wall



Rip-Rap

