



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435



Public Notice

APPLICATION NO.:	ADS-MVK-2004-922
EVALUATOR:	Mr. Arel D. Simpson
PHONE NO.:	(601) 631-5996
FAX NO.:	(601) 631-5459
E-MAIL:	Regulatory@mvk02.usace.army.mil
DATE:	September 7, 2004
EXPIRATION DATE:	September 28, 2004

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, and the Arkansas Department of Environmental Quality are considering an application for a Department of the Army permit and State water quality certification for the work described herein. Comments should be forwarded to the Vicksburg District, ATTN: CEMVK-OD-F, at the above address and the Arkansas Department of Environmental Quality at Post Office Box 8913, Little Rock, Arkansas 72219-8913, and must reach these offices by the cited expiration date.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:

Arkansas Game & Fish Commission
#2 Natural Resources Drive
Little Rock, Arkansas 72205

Location of Work: Section 32, T18S-R1W, latitude 33°05'7.42" longitude 91°12'53.09", within the Mississippi River drainage basin, Chicot County, near Grand Lake, Arkansas.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to construct a concrete weir to control the water level in Grand Lake at elevation 104 feet National Geodetic Vertical Datum (NGVD). The proposed project would impact .004 acre of other waters of the United States. No impact to wetlands would occur.

The project site is a drainage ditch for Grand Lake. The drainage ditch was cleared of obstructions during the spring of 2004 from Grand Lake to U.S. Highway 65. The ditch was cleaned out at the request of the Arkansas Game and Fish Commission using their maintenance easement and a bid contractor.

The proposed project would involve the placement of a temporary earthen cofferdam in the drainage ditch to dry out the substrate in the construction area. Temporary wooden concrete forms would be constructed to support a reinforced casting of 13.55 cubic yards of concrete to create a permanent spillway base slab with turndowns and sidewall sections.

The spillway slab would have a 24-inch drainage pipe and cutoff valve installed prior to casting. The drainage pipe would be used to provide optimum lake levels during fish spawning and waterfowl food production periods. There is no water management schedule, however, lake levels would be monitored by Arkansas Game and Fish personnel to optimize the lake levels.

Following the concrete casting, the project construction would involve removal of the forms and backfilling the spillway sidewalls with onsite excavation material. A narrow strip of ditch bank adjacent to the spillway sidewalls would be covered with filter cloth and riprap placed to prevent erosion. The project area adjacent to and below the spillway would be covered with filter cloth and riprap placed to prevent erosion. Approximately 6 cubic yards of riprap would be used for the project. The temporary earthen cofferdam would be removed to allow the structure to function.

The placement of dredged and/or fill material in waters of the United States associated with the mechanized land clearing and levee construction requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: An initial review indicates that the proposed project would not affect any of the sites in Chicot County listed in the National Register of Historic Places. Copies of this notice have been sent to the State Historic Preservation Officer, Federally Recognized Tribes, the Corps archaeologists, and other interested parties for comment on potential effects to cultural resources that could result from this activity.

Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of

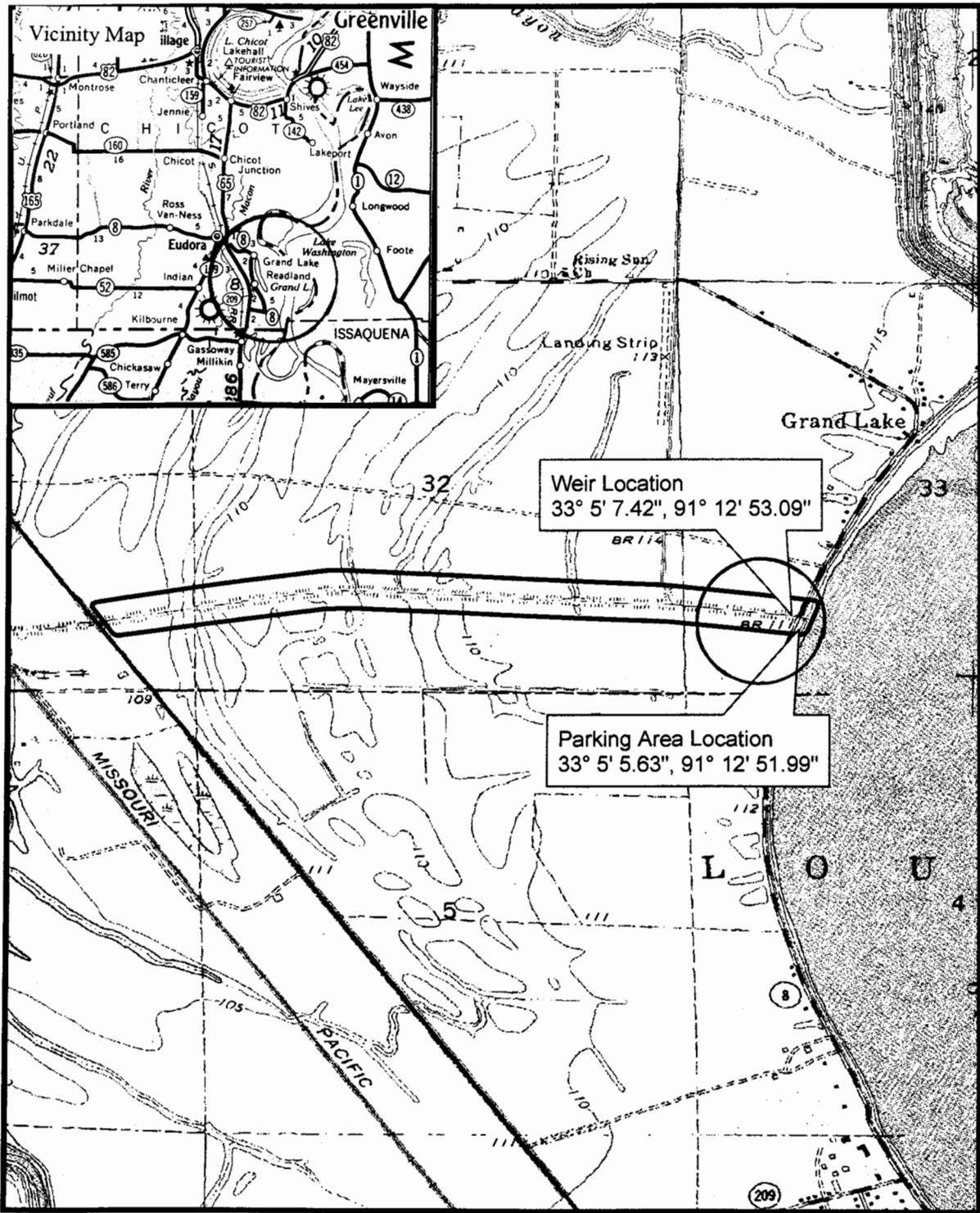
mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.

W. Harold Lee
Team Leader
Evaluation Section

Proposed Grand Lake Weir Construction Section 32, T18S-R1W, Chicot County, Arkansas



1:24,000

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CEMVK-OD-FE ADS-MVK-2004-922

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ARKANSAS GAME & FISH COMMISSION



SITE PLAN VIEW - WEIR - GRAND LAKE

ARK. HWY 8 BRIDGE

GRAND LAKE

PARKING AREA

LOCATION OF WEIR
APPROXIMATELY 60'
FROM HWY 8 BRIDGE.

9' W

18" x 5' x 22'
SELLWAY WALL

REPAIR SLOPES & RILLWAY/DISCHARGE
END OF WEIR.

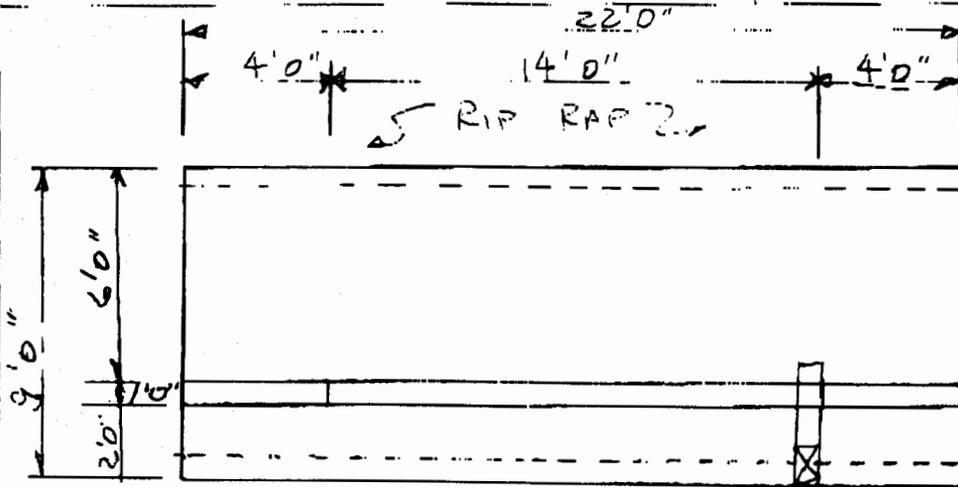
EAST →
WEST ←
DITCH

CEMVK-OD-FE ADS-MVK-2004-922

ARKANSAS GAME & FISH COMMISSION

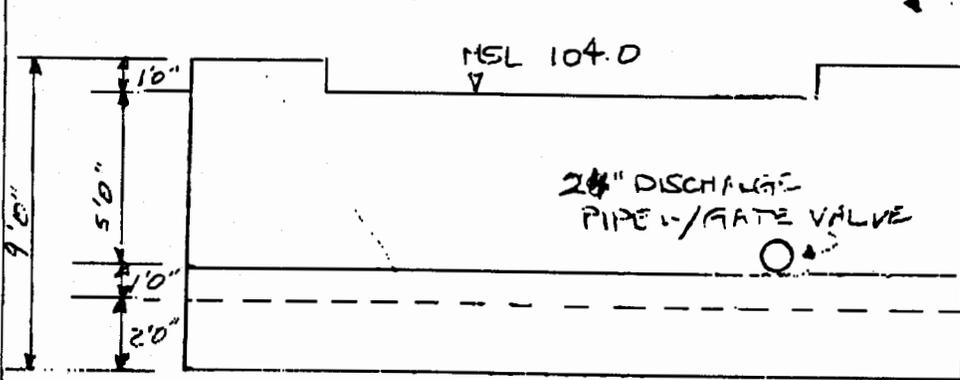
PROJECT: GRAND LAKE WEIR
 LOCATION: CHICOT COUNTY
 DATE: 6/30/04

DESCRIPTION: _____
 SCALE: 3/16" = 1' SHEET 1 OF 1

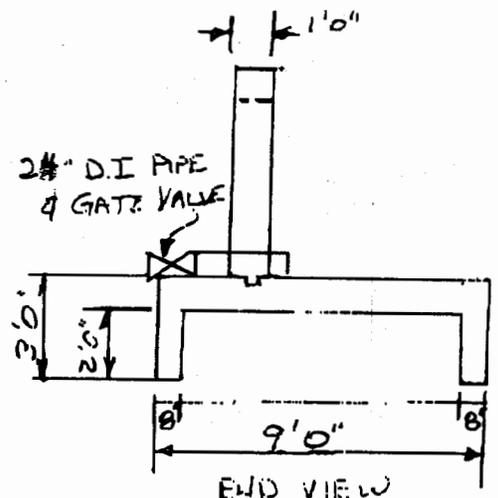


PLAN VIEW

Flow ↑



FRONT VIEW



END VIEW

PLACE REINFORCING STEEL PER AHTD DETAIL FOR STRAIGHT HEADWALLS

CEMVK-OD-FE ADS-MVK-2004-922

ARKANSAS GAME & FISH COMMISSION