

APPLICATION NO. 20790

JOINT PUBLIC NOTICE  
CORPS OF ENGINEERS - STATE OF ARKANSAS  
(25-Day Comment Period)  
(Comment Expiration Date – June 10, 2007)

TO WHOM IT MAY CONCERN: **Comments are invited on the work described below. Please see the Public Involvement section for details on submitting comments.**

Point of Contact. If additional information is desired, please contact the project managers, Mrs. Elaine Edwards or Ms. Sarah Usdrowski, telephone number: (501) 324-5296, mailing address: Little Rock District Corps of Engineers, Regulatory Office, PO Box 867, Little Rock, Arkansas 72203-0867, e-mail address: [elaine.m.edwards@usace.army.mil](mailto:elaine.m.edwards@usace.army.mil) or [sarah.l.usdrowski@usace.army.mil](mailto:sarah.l.usdrowski@usace.army.mil).

Project Information. Pursuant to Section 404 of the Clean Water Act (33 U.S. Code 1344), notice is hereby given that

**Chesapeake Operating, Incorporated  
ATTN: Mr. David Krueger  
PO Box 18496  
Oklahoma City, Oklahoma 73154-0496**

has requested authorization for the placement of dredged and fill material in waters of the United States associated with the construction of an intake structure and boat ramp. The intake structure construction would require the installation of a sheet pile cofferdam. Approximately 435 cubic yards of compacted earth would be placed below the ordinary high water mark of the Little Red River inside the cofferdam to provide a seal. Approximately 120 cubic yards of concrete would be placed below the ordinary high water mark of the Little Red River for the construction of the intake structure and footings. A 48-inch-diameter screened ductile iron intake pipe would extend into the Little Red River for approximately 80 feet. Upon completion of the intake structure, approximately 680 cubic yards of fill would be placed below the ordinary high water mark of the Little Red River to fill the cofferdam, which would remain in place after construction is complete. An existing boat ramp would be rehabilitated with 4-foot by 8-foot precast concrete slabs. The proposed project is located on the right descending bank of the Little Red River, at mile 39.2, in the NE 1/4 of section 2, T. 8 N., R. 7 W., north of Searcy, in White County, Arkansas.

CESWL-RO

The purpose of the project is to pump water into a proposed reservoir that would be located approximately one-half mile west of the intake structure. The water would be used for Chesapeake field operations for well stimulation and drilling rig operations. The water would also be available for use by local fire departments for fire suppression. The boat ramp would be rehabilitated in order to provide an all-weather access for launching a maintenance boat.

The location and general plan for the proposed work are shown on the enclosed sheets.

Water Quality Certification. By copy of this public notice, the applicant is requesting water quality certification from the Arkansas Department of Environmental Quality (ADEQ) in accordance with Section 401(a)(1) of the Clean Water Act. Upon completion of the comment period and a public hearing, if held, a determination relative to water quality certification will be made. Evidence of this water quality certification or waiver of the right to certify must be submitted prior to the issuance of a Corps of Engineers permit.

Cultural Resources. The National Register of Historic Places has been consulted; and it has been determined that there are no properties currently listed in the Register, or eligible for inclusion therein, which would be affected by the proposed work. A Corps staff archeologist also will review topographic maps and data on reported sites in the area. If it is determined that further review is not warranted, these reviews will constitute the full extent of cultural resources investigation by this office unless we are made aware, as a result of comments received in response to this notice or by other means, of the existence of specific structures or sites which might be affected by the proposed work.

Endangered Species. Our preliminary determination is that the proposed activity will not affect listed Endangered Species or their critical habitat. A copy of this notice is being furnished to the U.S. Fish and Wildlife Service and appropriate state agencies and constitutes a request to those agencies for information on whether any listed or proposed-to-be-listed endangered or threatened species may be present in the area which would be affected by the proposed activity.

Flood Plain. We are providing copies of this notice to appropriate flood plain officials in accordance with 44 CFR Part 60 (Flood Plain Management Regulations Criteria for Land Management and Use) and Executive Order 11988 on Flood Plain Management.

Section 404(b)(1) Guidelines. The evaluation of activities to be authorized under this permit which involves the discharge of dredged or fill material will include application of guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act. These guidelines are contained in 40 Code of Federal Regulations (CFR) 230.

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Public Involvement. Any interested party is invited to submit to this office written comments or objections relative to the proposed work on or before **June 10, 2007**. Substantive comments, both favorable and unfavorable, will be accepted and made a part of the record and will receive full consideration in determining whether this work would be in the public interest. The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal 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, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers 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 this proposed activity. Any comments received will be considered by the Corps of Engineers 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 the 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.

Any person may request in writing within the comment period specified in this notice that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. The District Engineer will determine if the issues raised are substantial and whether a hearing is needed for making a decision.

**NOTE:** The mailing list for this Public Notice is arranged by state and county(s) where the project is located, and also includes any addressees who have asked to receive copies of all public notices. Please discard notices that are not of interest to you. If you have no need for any of these notices, please advise us so that your name can be removed from the mailing list.

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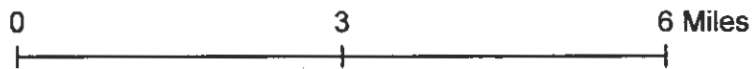
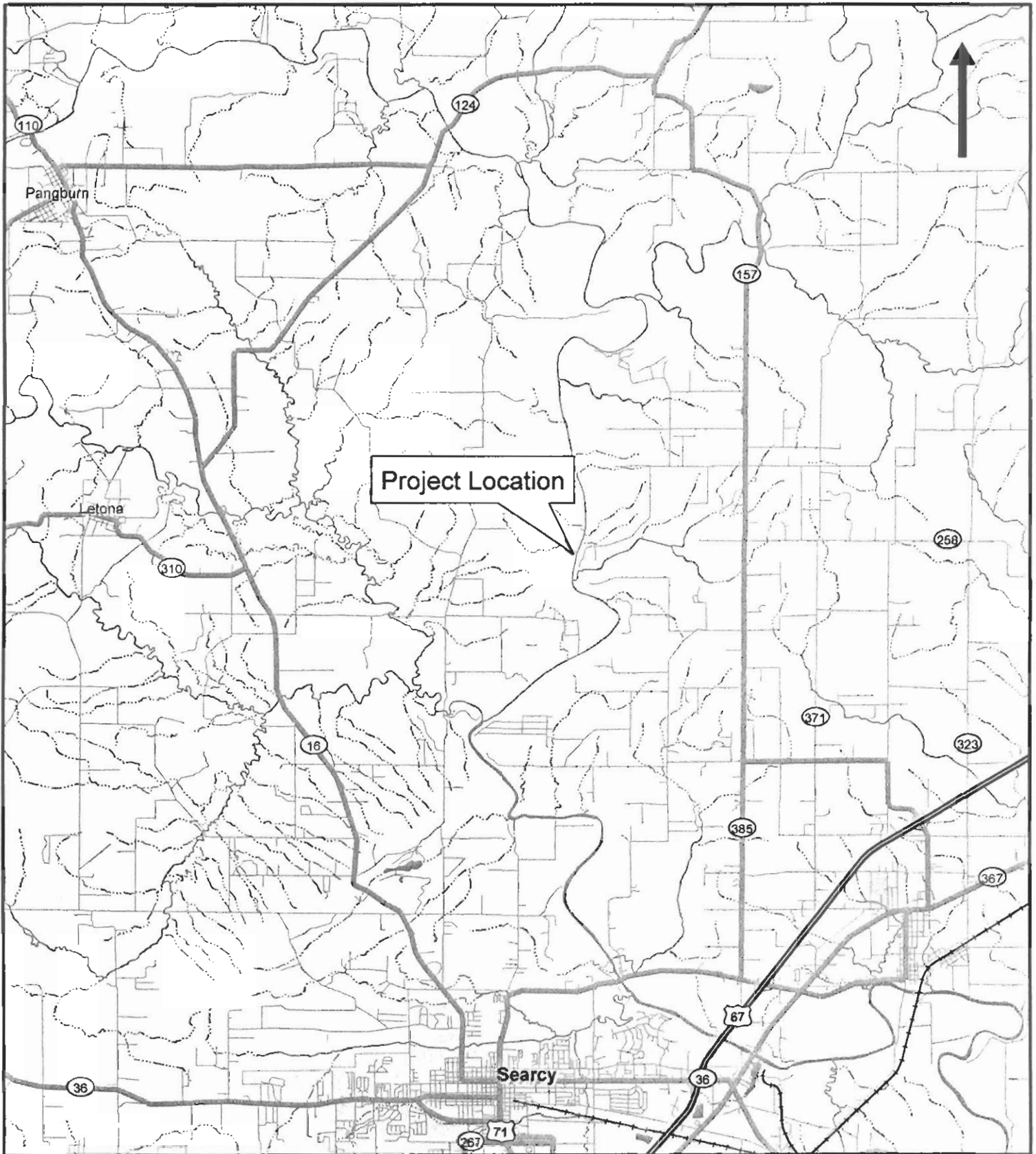
Enclosures

Approximate Coordinates of Project Center

Latitude: **35-21-17.5680**                      Longitude: **91-43-1.9560**

UTM Zone: **15**            North: **3912958.20**            East: **616555.07**

# Chesapeake Operating, Inc. Little Red River Pump Station Location

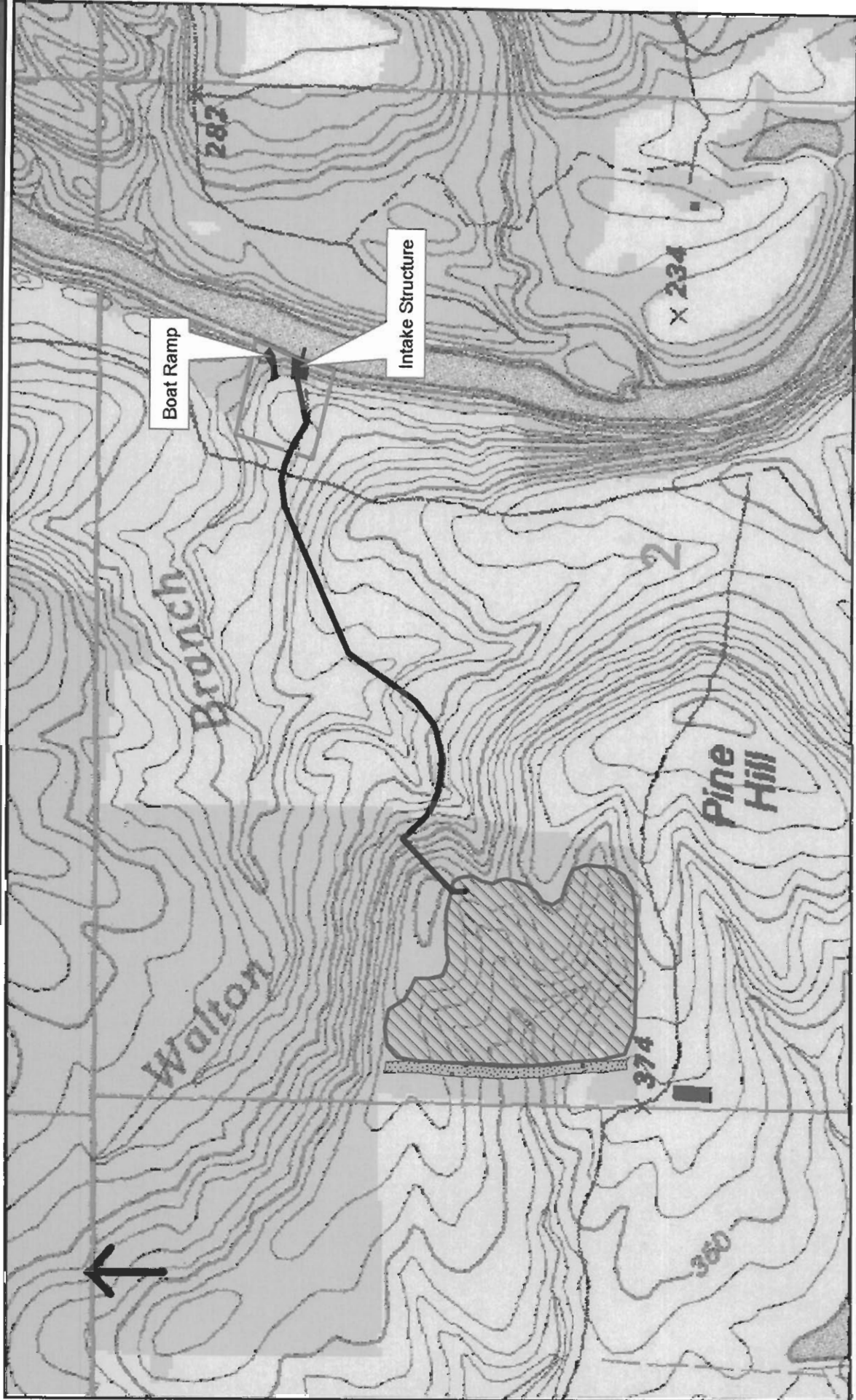


Judsonia Quad  
T8N R7W Section 2

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Chesapeake Operating, Incorporated  
Pump Station on Little Red River,  
North of Searcy, Arkansas  
May 2007

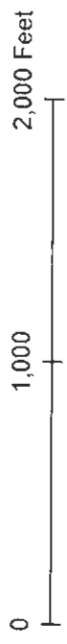
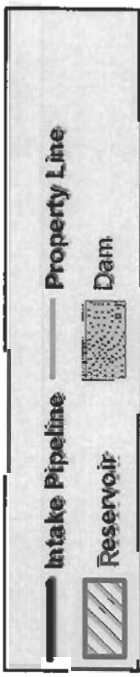
Sheet 1 of 7

# Chesapeake Operating, Inc. Little Red River Reservoir and Pump Station



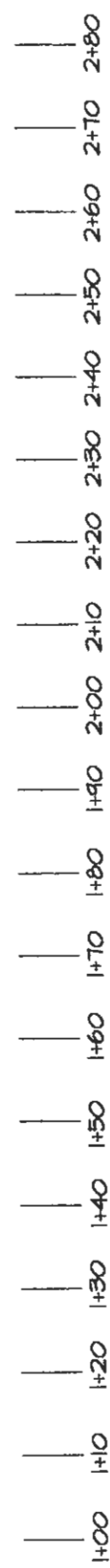
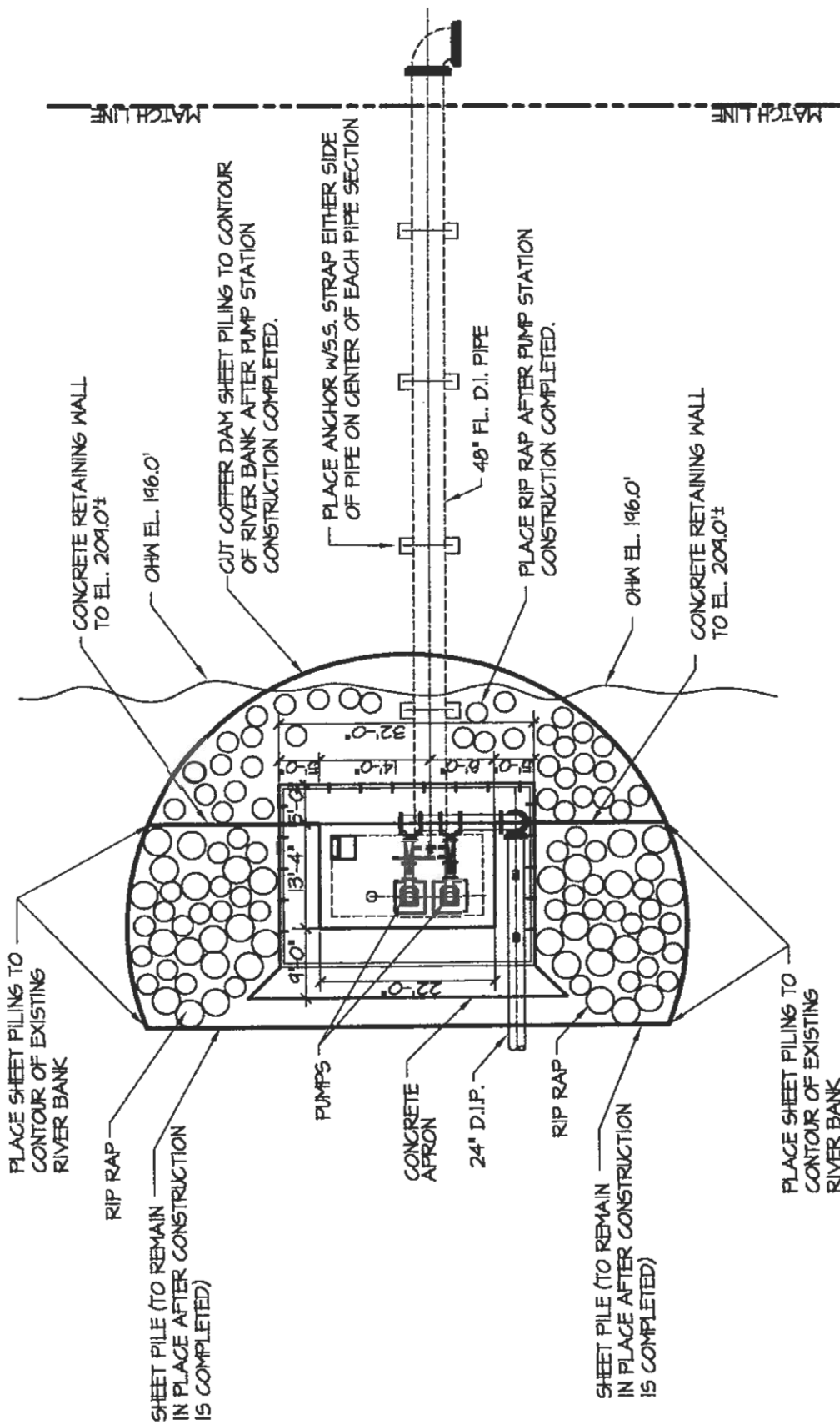
Boat Ramp

Intake Structure



Judsonia Quad  
T8N R7W Section 2

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Pump Station on Little Red River,  
North of Searcy, Arkansas  
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ACTION NO. 20790  
 Chesapeake Operating, Incorporated  
 Pump Station on Little Red River,  
 North of Searcy, Arkansas  
 May 2007  
 Sheet 3 of 7

**PLAN**  
 SCALE: 1" = 20'-0"

MATCH LINE

MATCH LINE

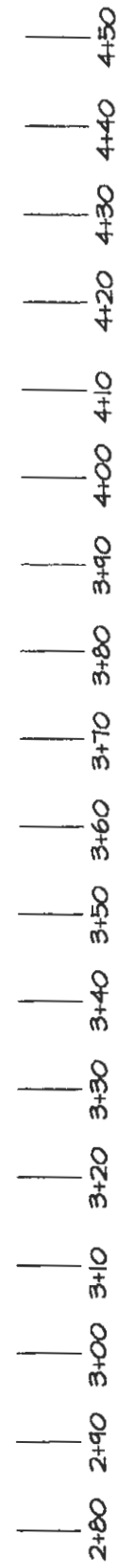
48" FL. D.I. PIPE

FLANGED 90° BEND AND  
BAR SCREEN FACING DOWNSTREAM

FLOW

FLOW

CHM EL. 196.0'±



**PLAN**

SCALE: 1" = 20'-0"

ACTION NO. 20790

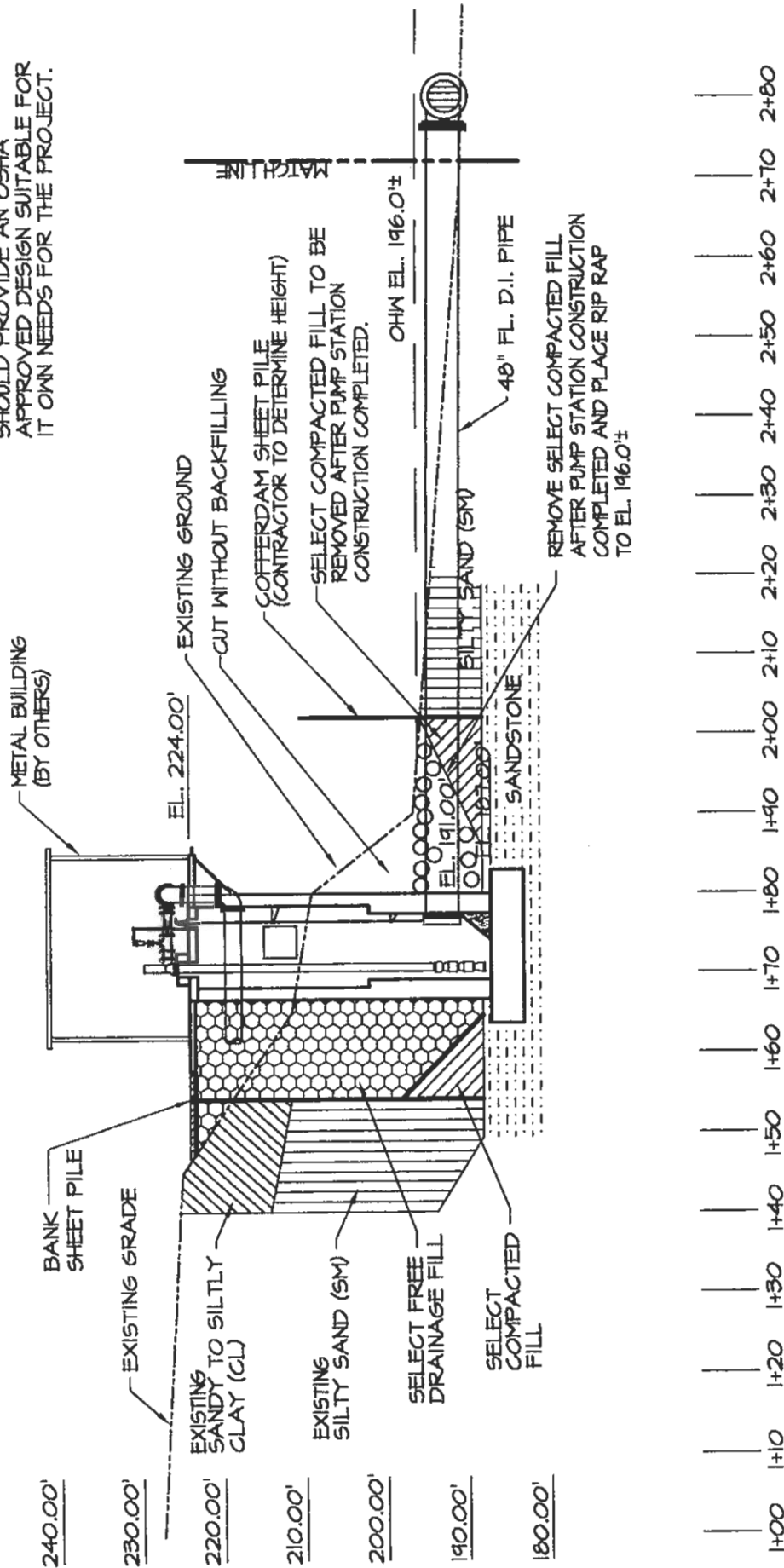
Chesapeake Operating, Incorporated  
Pump Station on Little Red River,  
North of Searcy, Arkansas

May 2007

Sheet 4 of 7



NOTE:  
 THE SHEET PILE SYSTEM SHOWN  
 IS SOLELY FOR INFORMATIONAL  
 PURPOSES. THE CONTRACTOR  
 SHOULD PROVIDE AN OSHA  
 APPROVED DESIGN SUITABLE FOR  
 IT OWN NEEDS FOR THE PROJECT.



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 North of Searcy, Arkansas  
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# SITE PROFILE

SCALE: 1" = 20'-0"

240.00'  
 230.00'  
 220.00'  
 210.00'  
 200.00'  
 190.00'  
 180.00'

EXISTING GRADE

ATTACH FLOATING WARNING BUOY ON BAR SCREEN (USE HIGH TEST LOG CHAIN AND INSTALL SWIVEL IN CHAIN)

FLANGED 90° BEND AND BAR SCREEN FACING DOWNSTREAM MAXIMUM 3/4" OPENING

OHW EL. 196.0'±

48" FL. D.I. PIPE

MATCH LINE

2+80 2+90 3+00 3+10 3+20 3+30 3+40 3+50 3+60 3+70 3+80 3+90 4+00 4+10 4+20 4+30 4+40 4+50

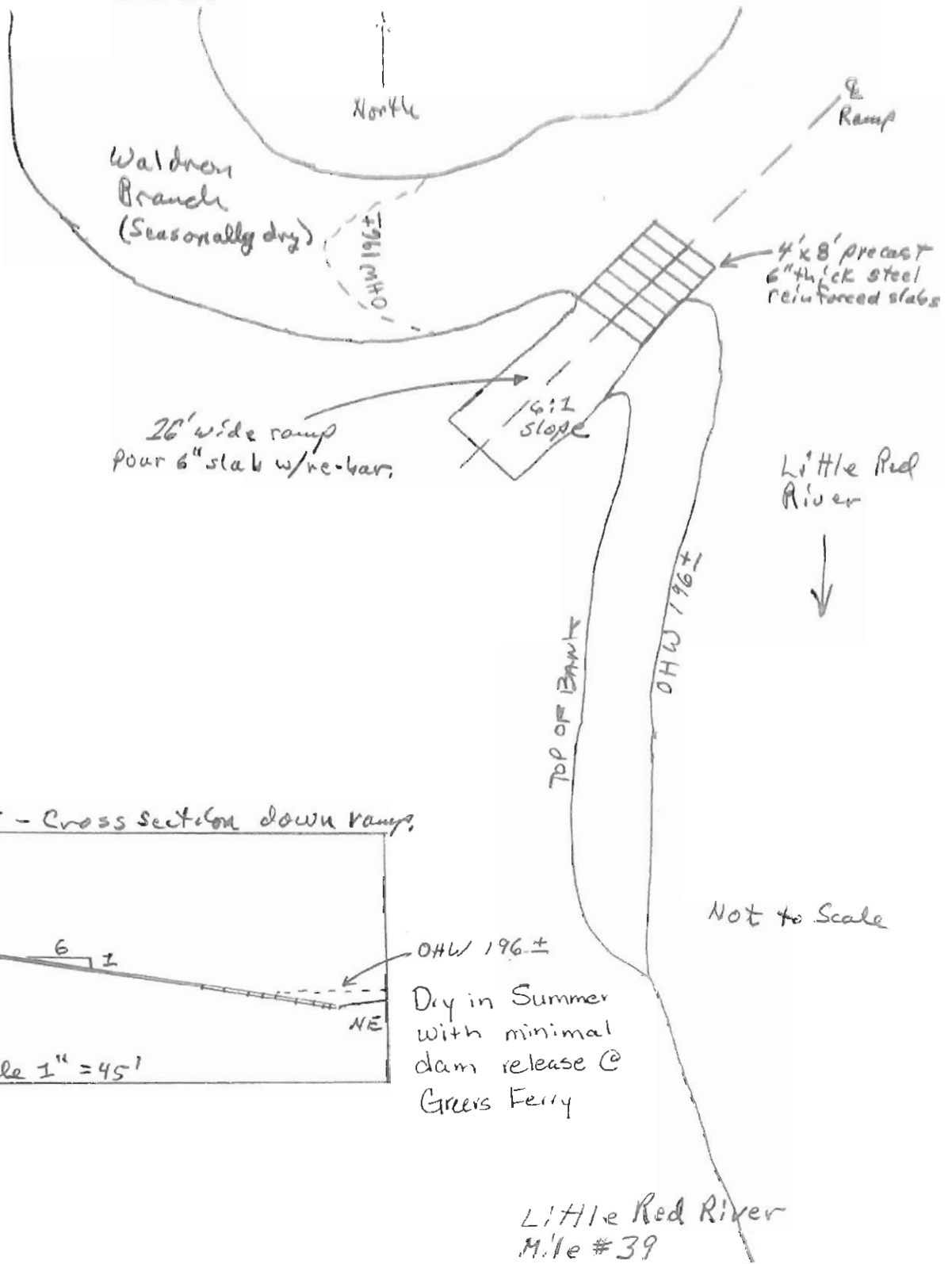
# SITE PROFILE

SCALE: 1" = 20'-0"

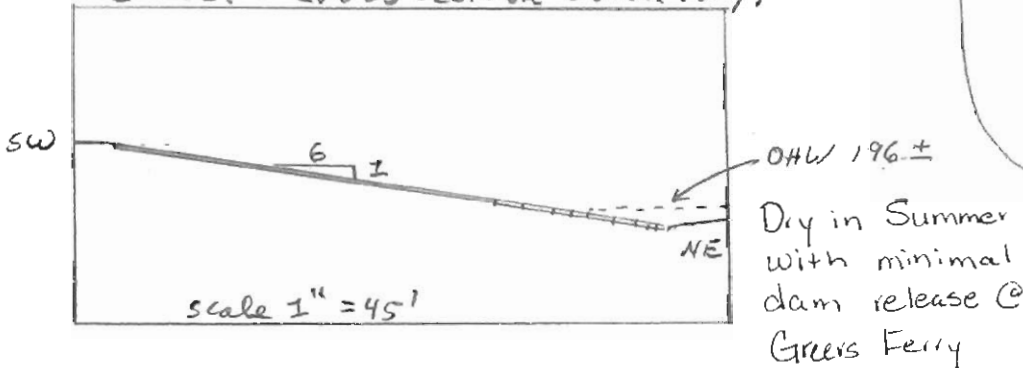
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 Pump Station on Little Red River,  
 North of Searcy, Arkansas  
 May 2007

SUBJECT Proposed Ramp upgrade

APPROVED: \_\_\_\_\_  
DATE: 3-7-07  
BY: DBK



Inset - Cross section down ramp.



Little Red River  
Mile #39