



**US Army Corps  
of Engineers**  
Louisville District ®

# Public Notice

Public Notice No.  
LRL-2014-710-mad

Open Date:  
28 Nov 2014

Close Date:  
29 Dec 2014

Please address all comments and inquiries to:  
U.S. Army Corps of Engineers, Louisville District  
ATTN: Mr. Matt Dennis, CELRL-OPF-W, Rm 752  
P.O. Box 59  
Louisville, Kentucky 40201-0059

Phone: 502-315-6689

This notice announces an application submitted for a Department of the Army (DA) Permit, subject to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act:

APPLICANT: Shane Bradford  
F.B Culley Station-Vectren  
P.O. Box 209  
1 N Main Street  
Evansville, IN 47702-0209

LOCATION: F.B. Culley Generating Station  
Ohio River Mile 773.2 Right Descending Bank  
Warrick County, Indiana

Latitude: 37.90936 North  
Longitude: 87.32648 West  
7.5 Minute Quad: Yankeetown, IN

PURPOSE: To perform maintenance dredging in front of two intake structures at F. B. Culley Generating Station.

DESCRIPTION OF WORK: Maintenance dredging is proposed for two locations at the Southern Indiana Gas and Electric Company, doing business as Vectren Power Supply, F. B. Culley Generating Station. The proposed dredging locations are in front of the intakes for unit 2 and unit 3. Dredging at the site last occurred in the early 1990's. At that time draglines were used to dredge approximately 50 feet out from the intakes. Over several years, sediment has again accumulated in front of the intakes to a point that sufficient flow has been restricted. Dredging at the unit 2 intake is proposed across a 1,600 square foot area with a volume of 340 cubic yards of sediment to be removed. Dredging at the unit 3 intake is proposed across a 1,400 square foot area with a volume of 200 cubic yards of sediment to be removed.

Dredging of accumulated sediment would be accomplished through the utilization of a Thompson Pump 8-inch submersible pump. The pump is rated for a maximum capacity of 32 gallons per minute. The suction and discharge ends of the pump would be reduced to 6 inches and each

fitted with a 6-inch hose. A diver would manipulate the suction end of the hose while at the base of the intake structures to remove the accumulated sediment. The sediment would then be discharged approximately 100 to 150 feet into the river channel. Large objects such as logs and other debris would not be discharged out into the river, but would be removed from the water and disposed of in accordance with State and Local regulations. The discharge hose and pump would lay on the bottom of the river and at no time break the water's surface.

**AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES:** In order to minimize impacts to the maximum extent practical, the applicant has reduced the proposed area of the dredging operation at both intakes. Dredging at unit 2 has been reduced from 3,500 square feet to 1,600 square feet and the volume reduced from 570 cubic yards to 340 cubic yards. Dredging at unit 3 has been reduced from 3,250 square feet to 1,400 square feet and the volume has been reduced from 400 cubic yards to 200 cubic yards.

At this time no mitigation is being proposed. The Corps will make a determination of appropriate mitigation, upon review of all submitted information.

**REVIEW PROCEDURES:** A DA Permit cannot be issued if any legally required Federal, State, or local authorization or certification is denied. A DA permit, if otherwise warranted, will not be issued until a State of Kentucky Water Quality Certification or waiver is on file at this office. In order to comply with Section 401 of the Clean Water Act, the applicant must apply for State certification from the Kentucky Energy and Environment Cabinet Division of Water (KDOW).

Copies of this notice are sent to the appropriate Federal and State Fish and Wildlife Agencies. Their views and comments are solicited in accordance with the Fish and Wildlife Coordination Act of 1956. Based on available information, the proposed activity will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. A request for a public hearing must state the specific interest which might be damaged by issuance of the DA Permit.

The National Register of Historic Places has been examined, and it has been determined that there are no properties currently listed on the Register which would be directly affected by the proposed work. If we are made aware, as a result of comments received in response to this notice, or by other means, of specific archaeological, scientific, prehistorical, or historical sites or structures which might be

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affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

The decision whether to issue a permit will be based on 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 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; among those are conservation, economics, aesthetic values, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and in general, the needs and welfare of the public. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines (40 CFR Part 230) promulgated by the Administrator, United States Environmental Protection Agency, under authority of Section 404(b) of the CWA.

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. It is presumed that all interested parties and agencies will wish to respond; therefore, a lack of response will be interpreted as meaning that there is no objection to the proposed project. 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.

Written statements received in this office on or before the closing date will become a part of the official record and will be considered in the determination on this permit request. Any objections which are received during this period will be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. A permit will be granted unless its issuance is found to be contrary to the public interest.

Information pertaining to this application is available for public examination during normal business hours upon prior request. Drawings are available on Louisville District's Internet site at

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<http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. All comments regarding this proposal should be addressed to Mr. Matt Dennis, CELRL-OPF-W at the address noted above and should refer to the Public Notice Number LRL-2014-710-mad.

If you desire to submit your comments by email, you must comply with the following:

a) In the subject line of your email, type in **ONLY** the Public Notice ID No. LRL-2014-710-mad.

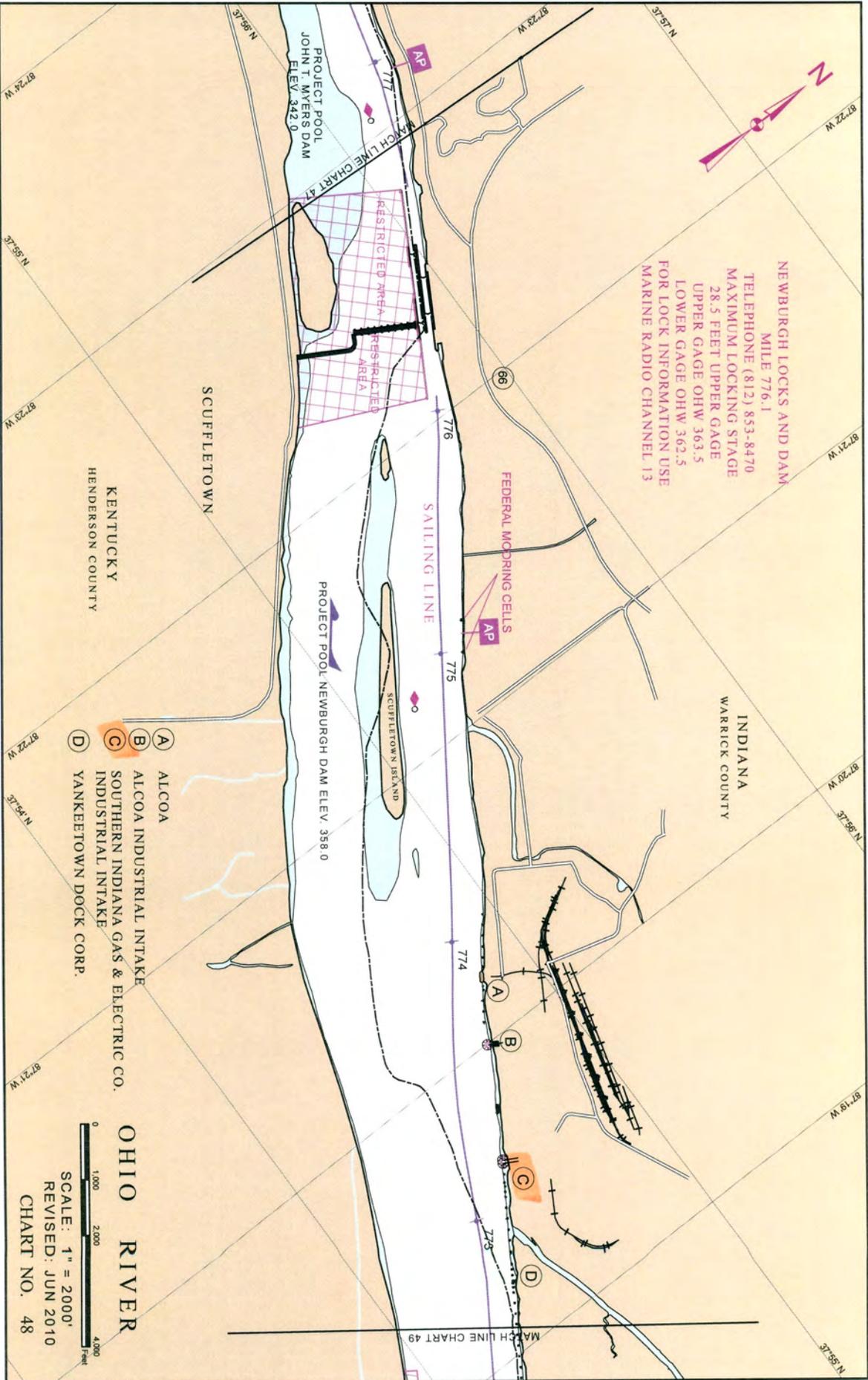
Example:

Subject: LRL-2014-710-mad

b) Provide your physical mailing address and telephone number.

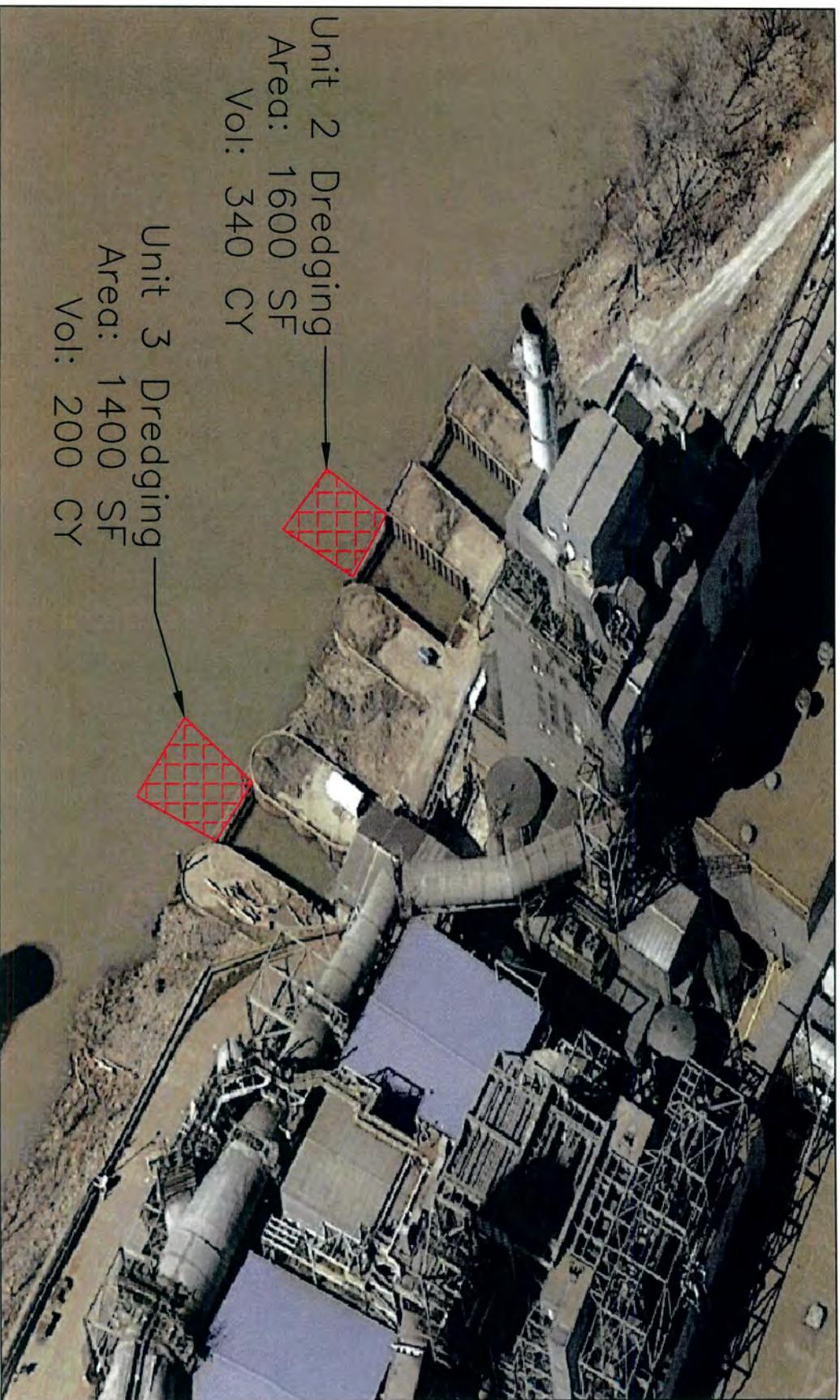
c) Send your email to: [lrl.regulatorypubliccomment@usace.army.mil](mailto:lrl.regulatorypubliccomment@usace.army.mil).

d) If you are sending attachments greater than 1 Mb in size with your email, you must send a hard copy (CD or paper) to the Corps' physical address as well.



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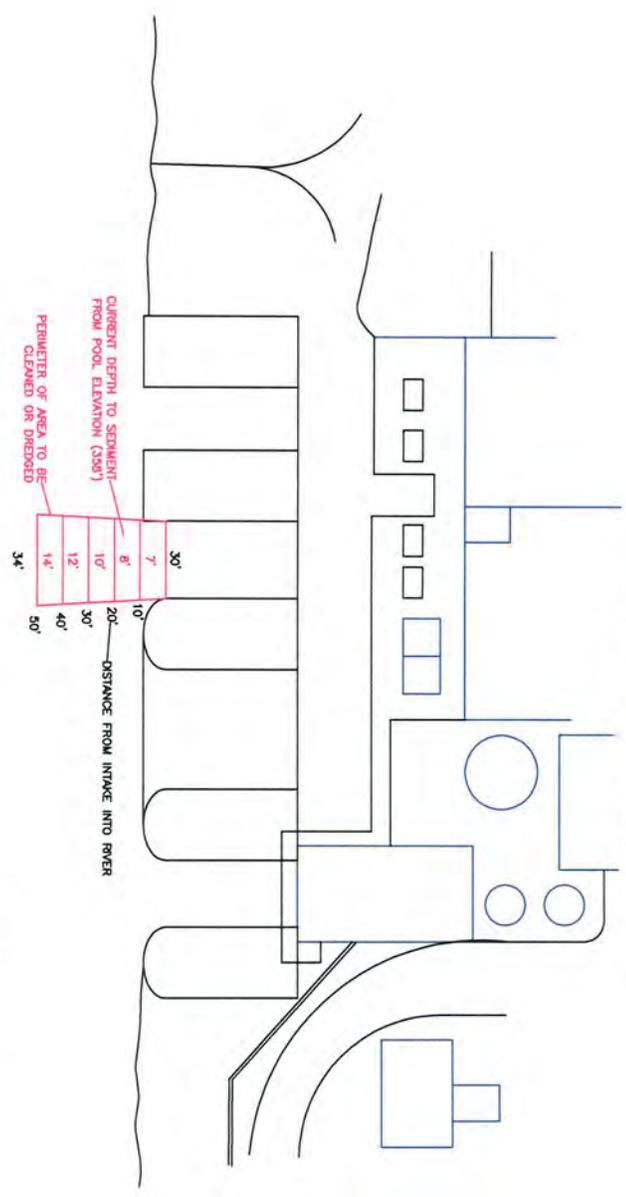
# F. B. Culley Generating Station Dredging Locations



October 27, 2014

Not to Scale

F. B. CULLEY GENERATING STATION  
 UNIT 2 INTAKE MAINTENANCE DREDGING PLAN  
 REVISED 10/22/2014



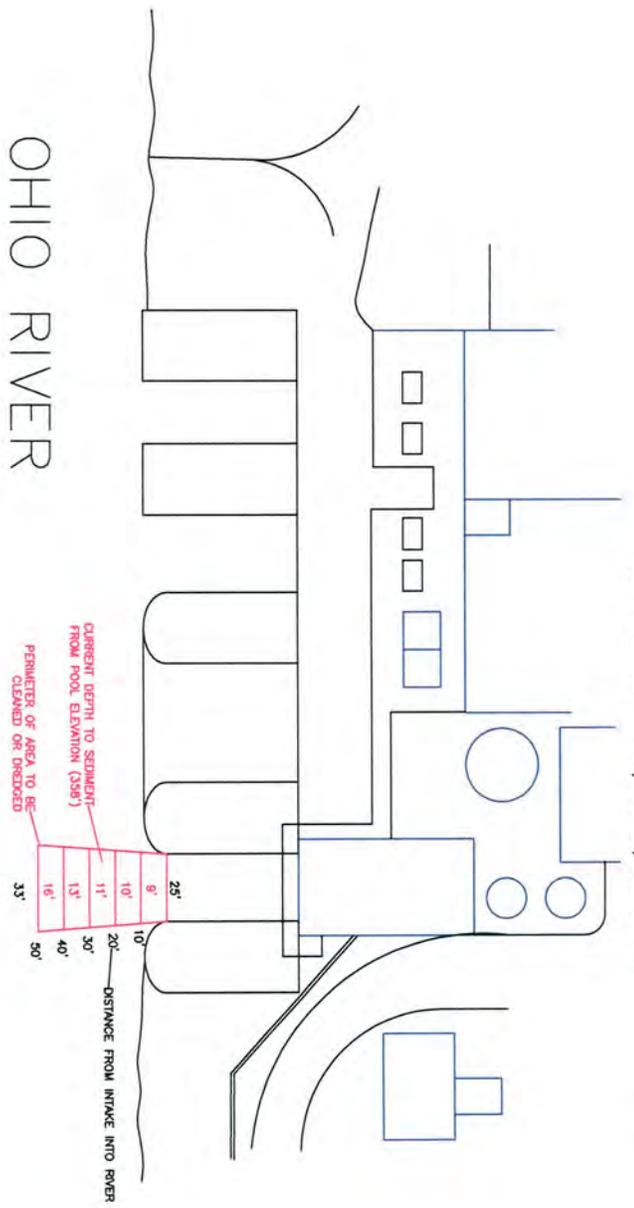
OHIO RIVER

NOT TO SCALE

NOTES  
 AREA TO BE DREDGED: 1600 SF  
 EST. VOLUME OF DREDGED MATERIAL:  
 340 CY  
 DREDGING DEPTH 16' BELOW NORM.  
 POOL, ELEV. 340'



F. B. CULLEY GENERATING STATION  
UNIT 3 INTAKE MAINTENANCE DREDGING PLAN  
REVISED 10/22/2014

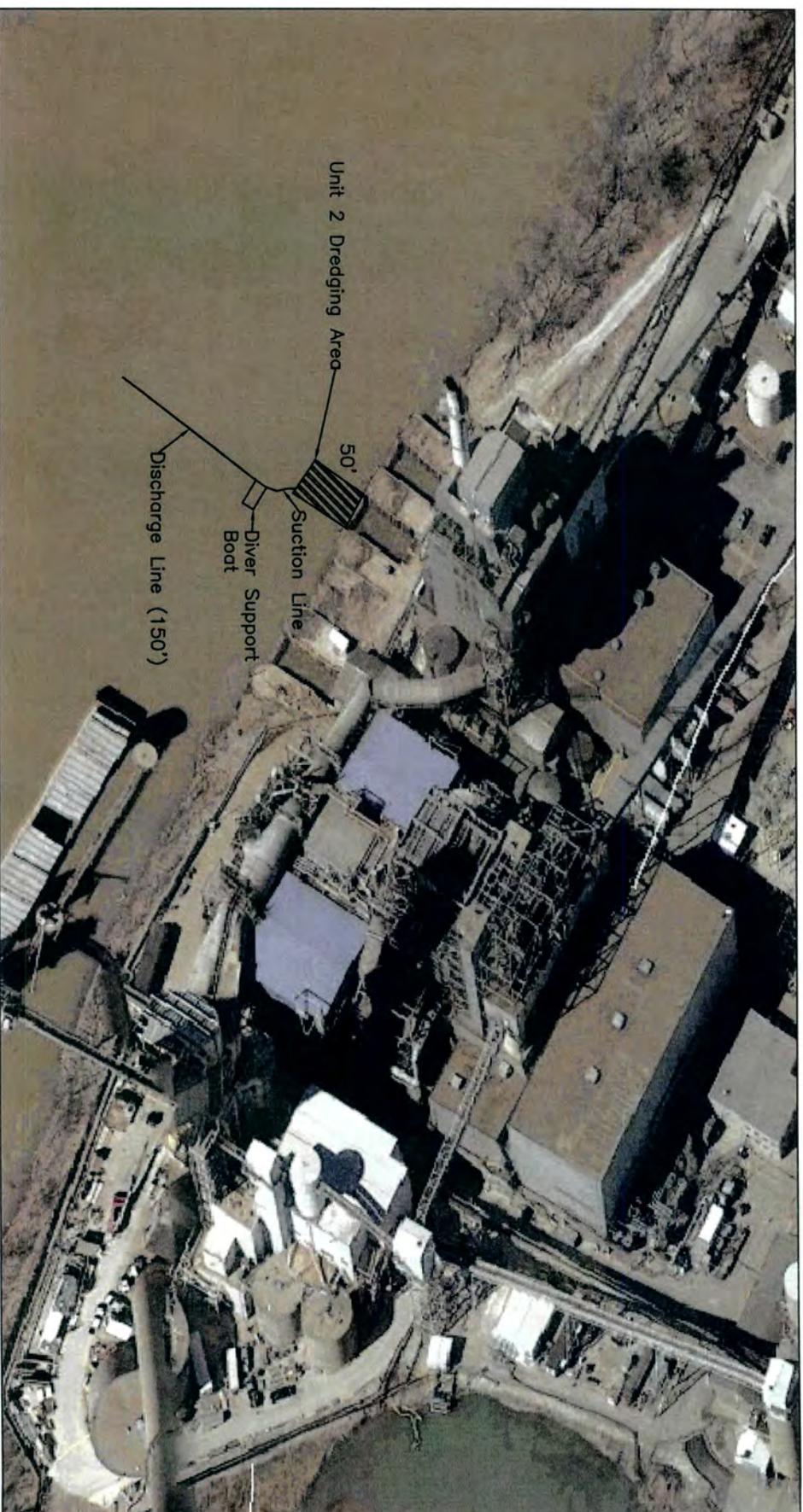


OHIO RIVER

NOTES  
AREA TO BE DREDGED: 1450 SF  
EST. VOLUME OF DREDGED MATERIAL: 200 CY  
DREDGING DEPTH 16' BELOW NORM. POOL, ELEV. 340'

NOT TO SCALE

# F. B. Culley Generating Station Dredging Process Drawing



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