

U.S. Army Corps
of Engineers
Buffalo District
CELRB-TD-R

Public Notice

Sponsor: **North Coast
Regional Council of
Park Districts- Nine
Mile Ditch**

Published: February 8, 2019
Expires: March 11, 2019

Application No: LRB-2012-00668 & LRB-2018-00343
Section: OH

All written comments should reference the above Application No. and be addressed to:
U.S. Army Corps of Engineers, Buffalo District
(Attn: Susan Baker, Regulatory Branch)
1776 Niagara Street
Buffalo, NY 14207

INTERESTED PARTIES ARE HEREBY NOTIFIED THAT THE NORTH COAST REGIONAL COUNCIL OF PARK DISTRICTS (NCRCPD) HAS PROPOSED A MITIGATION SITE TO BE INCORPORATED INTO THEIR IN-LIEU FEE PROGRAM (ILFP). A MITIGATION PLAN HAS BEEN RECEIVED FOR THIS MITIGATION SITE PURSUANT TO 33 CFR 332 AND 40 CFR 230. THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE ESTABLISHMENT OF THE PROPOSED MITIGATION SITE AND THE DRAFT MITIGATION PLAN. THERE IS NOT AT PRESENT AN APPLICATION FOR WORK IN WATERS OF THE UNITED STATES (U.S.) AT THE PROPOSED MITIGATION SITE HOWEVER, DEPARTMENT OF ARMY AUTHORIZATION PURSUANT TO SECTION 404 OF THE CLEAN WATER ACT (CWA) WOULD BE REQUIRED FOR ANY PROPOSED DISCHARGE OF DREDGED OR FILL MATERIAL INTO WATERS OF THE U.S. ASSOCIATED WITH THE ESTABLISHMENT OF THE PROPOSED MITIGATION SITE. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT THIS MITIGATION SITE WILL BE APPROVED.

IN-LIEU FEE PROGRAM SPONSOR: NCRCPD, 12882 Diagonal Road, LaGrange, Ohio 44050.

LOCATION: The proposed Nine Mile Ditch mitigation site (Site) is located south of Shade Road and west of Township Line Road, Madison Township, Sandusky County, Ohio (41.369416 N, - 83.306280) (Sheet 1 of 2).

BACKGROUND: Under Section 404 of the CWA, applicants requesting Department of the Army permits to discharge dredged or fill material into waters of the U.S. are often required to mitigate for permitted losses of aquatic resources via establishing, restoring, enhancing, or in exceptional circumstances, preserving aquatic resources. One method of fulfilling this obligation

is through the purchase of advanced mitigation credits from an approved ILFP. The establishment and use of an ILFP mitigation site must be in accordance with the ILFP instrument signed by the Interagency Review Team (IRT). The IRT is comprised of the U.S. Army Corps of Engineers (Corps), the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the United States Department of Agricultural Natural Resources Conservation Service, the Ohio Environmental Protection Agency, and the Ohio Department of Natural Resources.

The NCRCPD ILFP instrument was approved in March 2015 and is approved to provide wetland and stream mitigation via sale of advanced credits in five (5) service areas within the Buffalo District's area of responsibility within the State of Ohio, including the Portage River U.S. Geological Survey Hydrologic Unit Code 04100010 (Portage HUC).

DESCRIPTION OF THE PROPOSED ACTIVITY: The NCRCPD proposes to establish an ILFP mitigation site, to be known as the Nine Mile Ditch Stream In-Lieu Fee Project, in order to provide compensatory mitigation for stream impacts associated with the discharge of dredged or fill material into waters of the U.S. authorized under Section 404 of the CWA. The project would be used to fulfill mitigation obligations assumed by the NCRCPD resulting from sale of advance ILFP credits in the Portage HUC.

The Site contains approximately 750 linear feet of intermittent straightened tributary (Nine Mile Ditch). The Site is comprised of open field bound by a road to the north, by forest to the east and west, and by forest and open field to the south.

The Nine Mile Ditch stream relocation will be facilitated by creating a new approximately 900 linear foot channel. The proposed stream corridor is a five-foot wide meandering channel approximately one-foot deep with a bankfull width of approximately nine feet. The proposed floodplain area is approximately 100 feet wide with gradual slopes to the top of the flood zone. In addition, a ten-foot wide grassed swale will be created along Shade Road adjacent to a new graded 15-foot wide shoulder to improve safety and driving conditions along the county road.

The proposed restoration will replicate a more natural channel, provide an appropriately-sized floodplain, and improve in-stream and buffer habitat. Restoration of the in-stream environment will include riffle structures/other bed forms/stream zones to promote diverse in-stream habitat and the adjacent floodplain elevations will allow connectivity of higher stream flows to the floodplain. The floodplain will be seeded and planted with vegetation to improve buffer quality and wildlife habitat. Herbaceous and woody wetland areas are expected to develop along parts of the floodplain.

Stream credit generation is proposed as follows:

Habitat	Measurement	Ratio	Credits Generated
Stream Restoration	900 linear feet	1.75:1	1,575

ADDITIONAL DOCUMENTS: The entire mitigation plan entitled, "Draft Mitigation Plan for the Proposed Nine Mile Ditch Stream In-Lieu Fee Project," may be found on the Buffalo

District's website along with this Public Notice:
<http://www.lrb.usace.army.mil/Missions/Regulatory/Public-Notices/>

Based on preliminary findings, the proposed Site does not contain and is not adjacent to any properties listed in, or eligible for listing in, the National Register of Historic Places as per the Ohio State Historic Preservation Office Online Mapping System. All currently available historic resource information pertaining to this proposed project if any has been provided to the Ohio Historic Preservation Office. Additional information concerning historic properties should be submitted to the Corps before the end of the comment period of this notice. The Corps will forward that information to the Ohio Historic Preservation Office for their review.

Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Corps will consult with the USFWS under separate cover to evaluate any potential impacts to the: Indiana bat, northern long-eared bat, Kirtland's warbler, piping plover, eastern prairie fringed orchid, Rufa red knot, and eastern massasauga, and to ensure that the proposed activity is not likely to jeopardize their continued existence or result in the destruction or adverse modification of critical habitat.

Comments submitted in response to this notice will be fully considered during the public interest review for this prospectus. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The administrative record, or portions thereof, may also be posted on a Corps internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

The decision to approve or deny this request 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 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 including the cumulative effects thereof; among these 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.

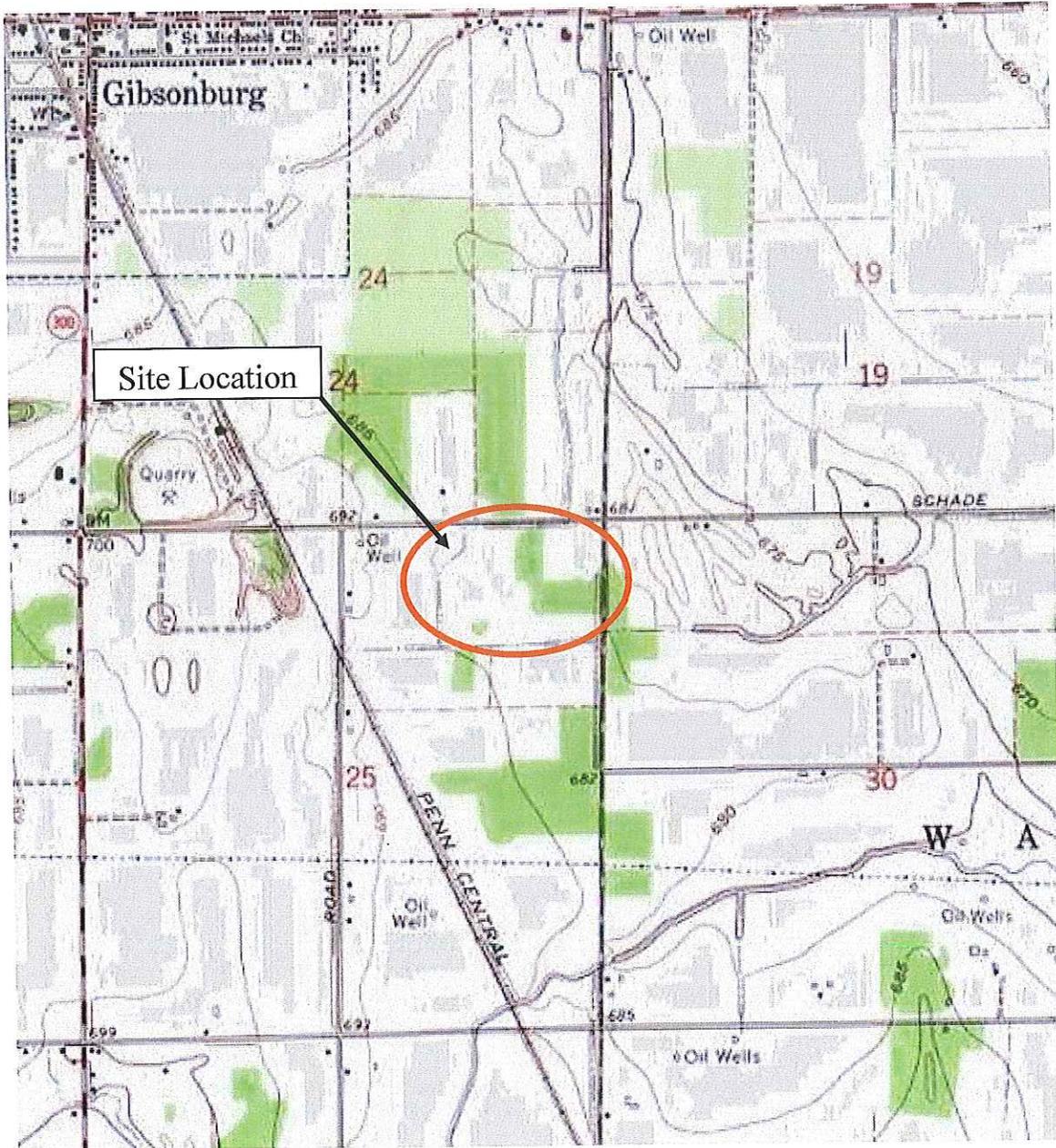
The Corps is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of the proposed Site establishment. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny approval 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 overall public interest of the proposed activity. A lack of response will be interpreted as meaning that there is no objection to the establishment of the proposed Site.

SIGNED

Diane C. Kozlowski
Chief, Regulatory Branch

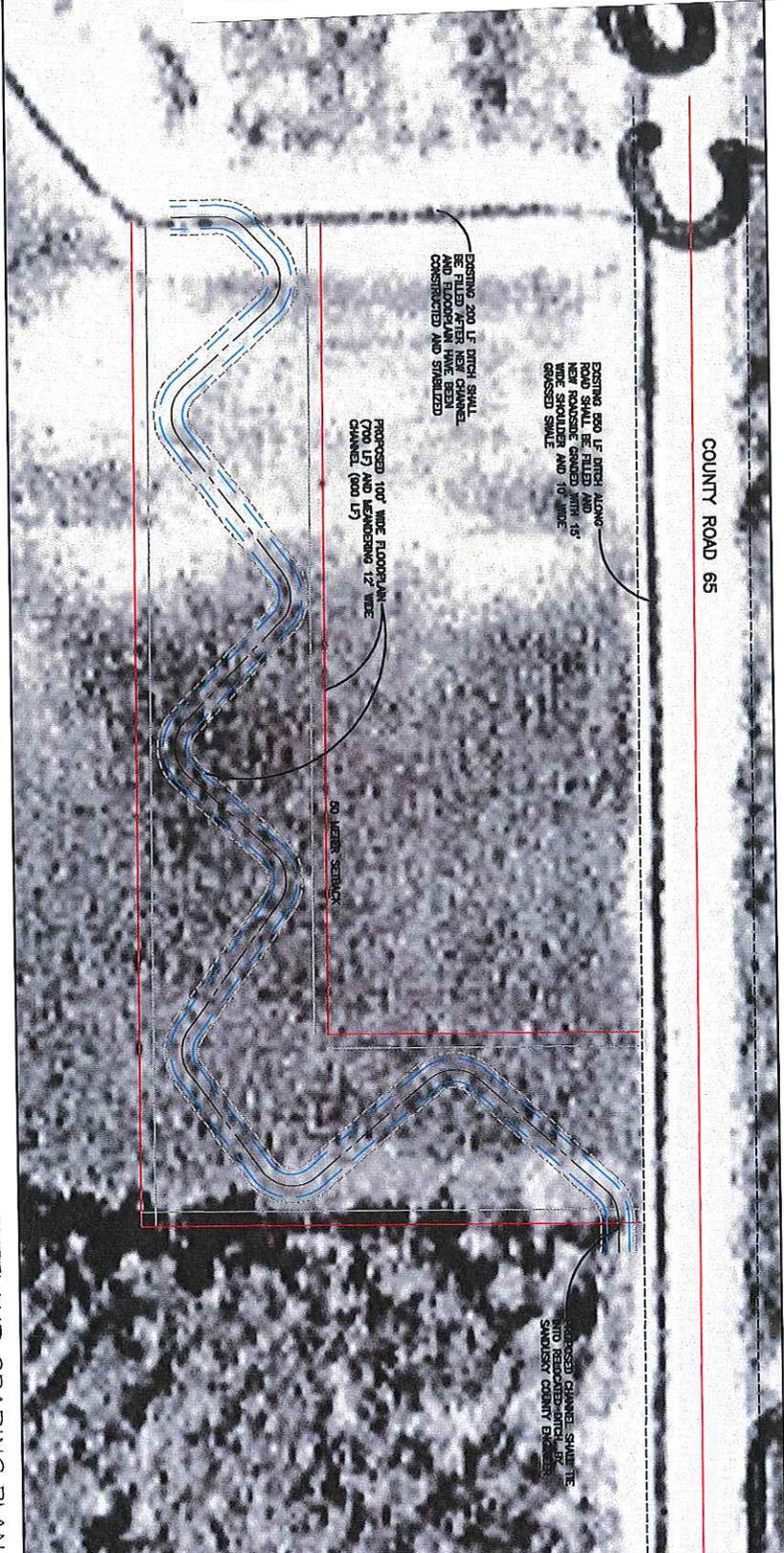
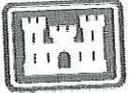
NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for **30** days from the date of issuance.

Site Location Map



NCRCPD- Nine Mile Ditch
D/A Processing No. LRB-2018-00343
Sandusky County, Ohio
Quad: Helena
Sheet 1 of 3





COUNTY ROAD 65

EXISTING 200 LF DITCH SHALL BE FILLED AFTER NEW CHANNEL AND FLOODPLAIN HAVE BEEN CONSTRUCTED AND STABILIZED

EXISTING 500 LF FLOODPLAIN ROAD SHALL BE FILLED AND NEW FLOODPLAIN CHANNEL SHALL BE CONSTRUCTED WITHIN 10' OF FLOODPLAIN

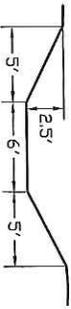
PROPOSED 100' WIDE FLOODPLAIN CHANNEL (000 L5) AND LEAVING 12' WIDE

50 FEET SETBACK

PROPOSED CHANNEL SHALL BE FILLED AND REVERTED TO ORIGINAL CHANNEL CROSS SECTION

WETLAND GRADING PLAN
 SCALE 1" = 30'

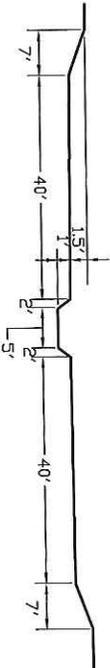
B TYPICAL EXISTING DITCH SECTION
 NOT TO SCALE



EXISTING DITCH CAPACITY DATA
 WETTED AREA - 1.07 SQ FT
 WETTED PERCENT - 100%
 CHANNEL LENGTH - 100 LF
 CHANNEL WIDTH - 2.0 FT
 CHANNEL DEPTH - 6.0 FT
 CHANNEL AREA - 12.0 SQ FT
 CHANNEL VELOCITY - 1.0 FT/SEC
 CHANNEL CAPACITY - 12.0 CFS

PROPOSED DITCH CAPACITY DATA
 WETTED AREA - 1.07 SQ FT
 WETTED PERCENT - 100%
 CHANNEL LENGTH - 100 LF
 CHANNEL WIDTH - 2.0 FT
 CHANNEL DEPTH - 6.0 FT
 CHANNEL AREA - 12.0 SQ FT
 CHANNEL VELOCITY - 1.0 FT/SEC
 CHANNEL CAPACITY - 12.0 CFS

B TYPICAL FLOODPLAIN/CHANNEL SECTION
 NOT TO SCALE



PROPOSED FLOODPLAIN CAPACITY DATA
 WETTED AREA - 1.07 SQ FT
 WETTED PERCENT - 100%
 CHANNEL LENGTH - 100 LF
 CHANNEL WIDTH - 2.0 FT
 CHANNEL DEPTH - 2.0 FT
 CHANNEL AREA - 4.0 SQ FT
 CHANNEL VELOCITY - 1.0 FT/SEC
 CHANNEL CAPACITY - 4.0 CFS

PROPOSED CHANNEL CAPACITY DATA
 WETTED AREA - 1.07 SQ FT
 WETTED PERCENT - 100%
 CHANNEL LENGTH - 100 LF
 CHANNEL WIDTH - 2.0 FT
 CHANNEL DEPTH - 2.0 FT
 CHANNEL AREA - 4.0 SQ FT
 CHANNEL VELOCITY - 1.0 FT/SEC
 CHANNEL CAPACITY - 4.0 CFS

- NOTES
1. 6 INCHES TOPSOIL SHALL BE STRIPPED FROM FLOODPLAIN AREA (1200 CY) AND STOCKPILED ON EACH SIDE FOR SPREADING AFTER 180-DAY PERIOD.
 2. EXCAVATED SOIL FROM FLOODPLAIN AND CHANNEL (400 CY) SHALL BE SPREAD AND STOCKPILED ON EACH SIDE FOR SPREADING AFTER 180-DAY PERIOD.
 3. EXCAVATED SOIL FROM FLOODPLAIN AND CHANNEL SHALL BE STOCKPILED ON EACH SIDE FOR SPREADING AFTER 180-DAY PERIOD.
 4. A TOPSOIL ENDORSEMENT SHALL BE LIMITED TO THE FLOODPLAIN AND CHANNEL LENGTHS TO AVOID COMPACTON OF THE SOIL.
 5. A TOPSOIL ENDORSEMENT SHALL BE LIMITED TO THE FLOODPLAIN AND CHANNEL LENGTHS TO AVOID COMPACTON OF THE SOIL.
 6. A TOPSOIL ENDORSEMENT SHALL BE LIMITED TO THE FLOODPLAIN AND CHANNEL LENGTHS TO AVOID COMPACTON OF THE SOIL.

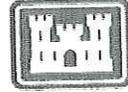
SANDUSKY COUNTY PARK DISTRICT WHITE STAR NINE MILE DITCH COUNTY ROAD 65 GIBSONBURG, SANDUSKY COUNTY, OHIO	
SCALE	1" = 30'
DATE	8/15/18
DESIGNER	ENVIROTECH CONSULTANTS, INC.
CHECKER	ENVIROTECH CONSULTANTS, INC.
DATE	8/15/18
SHEET NO.	2
TOTAL SHEETS	2



ECO-DESIGN & ENGINEERING, LTD
 7700 Wells Road, Plain City, Ohio 43064
 Phone / FAX (614) 783-0049

envirotech consultants, inc.
 6380 Township Road 143 NE, Somerset, Ohio 43783
 740-743-1669, FAX 740-743-1644

REVISIONS

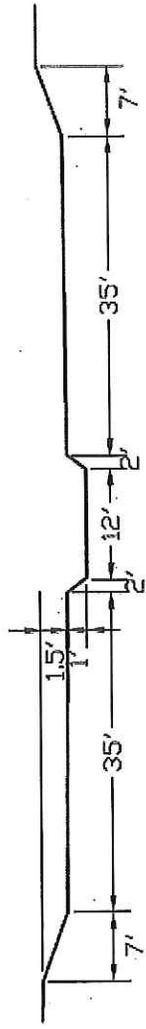


PROPOSED CHANNEL CAPACITY DATA
 CROSS SECTION AREA - 12 SF
 WETTED PERIMETER - 14 LF
 ROUGHNESS COEF - 0.06
 SLOPE - 0.13%
 CAPACITY Q - 11 CFS

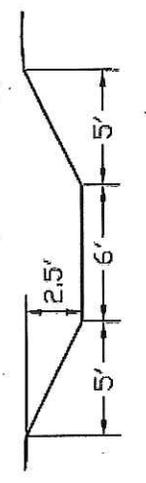
PROPOSED FLOODPLAIN CAPACITY DATA
 CROSS SECTION AREA - 138 SF
 WETTED PERIMETER - 35 LF
 ROUGHNESS COEF - 0.07
 SLOPE - 0.13%
 CAPACITY Q - 142 CFS

EXISTING DITCH CAPACITY DATA
 CROSS SECTION AREA - 27.5 SF
 WETTED PERIMETER - 10.5 LF
 ROUGHNESS COEF - 0.63
 SLOPE - 0.15%
 CAPACITY Q - 104 CFS

EXISTING WATERSHED DATA
 WATERSHED - 168.50 ACRES
 HYDRAULIC LENGTH - 6020 LF
 BASIN SLOPE - 0.17%
 RUNOFF CURVE NUMBER - 75
 RUNOFF 1-YR 15 CFS
 100-YR 50 CFS
 100-YR 103 CFS



(B) TYPICAL FLOODPLAIN/CHANNEL SECTION
 NOT TO SCALE



(B) TYPICAL EXISTING DITCH SECTION
 NOT TO SCALE