

Information for File #2012-02583-LSP

Applicant: Minnesota Department of Natural Resources – Don Schultz

Corps Contact: Lawrence S. Puchalski

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Primary County : Wilkin

Sec/Township/Range: NE ¼, Section 30, T135N, R36W

Information Complete On: April 17, 2014

Posting Expires On: May 16, 2014

Authorization Type: LOP-05-MN

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

PROJECT PURPOSE & NEED: The applicant is proposing to create a 120 acre moist soil management unit on cultivated land adjacent to the 1,838 acre Manston Wildlife Management Area in Wilkin County. The newly created moist soil unit will be incorporated into the Manston WMA. According to the DNR there is a need for a moist soil unit to encourage waterfowl production and allow recreational opportunities in the area.

PROJECT DESCRIPTION: Water in the impoundment will be controlled by four water control structures located in the impoundment. A pump at the northeast side of the unit will be used to move water in and out of the unit. Water levels will be raised in the spring and allowed to slowly decline over the summer. Water levels will be raised again in the fall and allowed to slowly drain. This management program will encourage the growth of a variety of aquatic plant and animal species which attract waterfowl. The DNR will occasionally draw down the water in the impoundment and cultivate the area to encourage the growth of early successional species and to control undesirable vegetation. The proposed project is shown on the attached drawing labeled 2012-02583-LSP Page 1 of 1.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: Construction of the enclosure and internal ditch system will involve impacts to 2.92 acres of seasonally flooded wetlands.

ALTERNATIVES CONSIDERED: A no-build alternative was studied. The land is currently under cultivation and could continue to be used for crop production. The no-build alternative would avoid all

impacts to wetlands, but the property would continue to be used as an agricultural field and the wetlands would remain degraded.

The applicant studied several alternative configurations of berms and internal ditches to minimize impacts to wetlands. The applicant selected a configuration which would allow the area to be operated as a waterfowl production area while minimizing wetland impacts.

COMPENSATORY MITIGATION: The applicant will provide mitigation for the unavoidable impacts to wetlands by restoring approximately 6.10 acres of wetlands directly adjacent to the proposed project. The restored wetlands will be part of the wildlife management area and will be protected in perpetuity.

Drawings See attached.

Wetland #	Square ft	Acres
1	4,656.61	0.11
2	2,009.75	0.05
3	4,473.04	0.10
4	2,809.02	0.06
5	6,388.40	0.15
6	12,807.87	0.29
7	1,240.22	0.03
8	11,097.77	0.25
9	3,100.32	0.07
10	1,577.54	0.04
11	13,175.37	0.30
12	No Impact	0.00
13	No Impact	0.00
14	15,920.44	0.37
15	50,563.1	1.16
Total	129,819.48	2.98

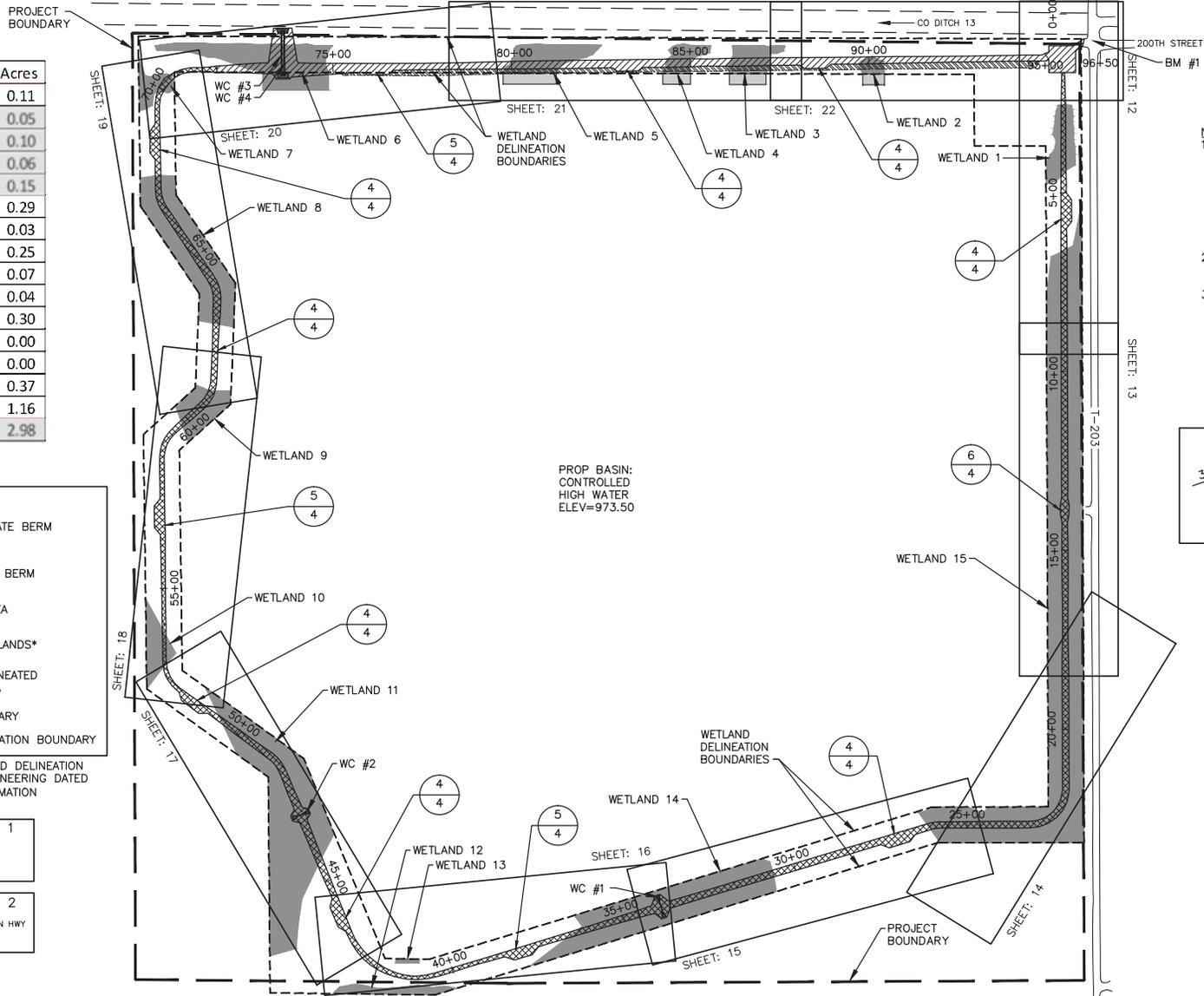
LEGEND

	1	AGGREGATE BERM
	2	TOPSOIL BERM
		PROP DITCH AREA
		DELINEATED WETLANDS*
		ADDITIONAL DELINEATED WETLANDS* AREA
		PROJECT BOUNDARY
		WETLAND DELINEATION BOUNDARY

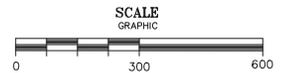
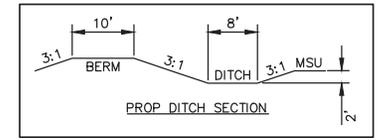
*SEE SPECIFICATIONS FOR WETLAND DELINEATION REPORT PREPARED BY ECOS ENGINEERING DATED 07/31/12 FOR ADDITIONAL INFORMATION

BENCHMARK NO. 1
3/8" REBAR
WEST OF T-203 OFF MAIN
ENTRANCE
EL=976.00 (NAVD 88)

BENCHMARK NO. 2
MN/DOT ATHERTON
NE CORNER OF INTERSECTION HWY
30 AND MN-9
EL=993.12 (NAVD 88)



- NOTES:**
1. ALL WORK WITHIN DELINEATED PROJECT WETLANDS SHALL OCCUR WITHIN THE BOUNDARIES SHOWN AND AS STAKED IN THE FIELD TO MINIMIZE DISTURBANCE AND TO COMPLY WITH PERMITTING REGULATIONS. NO DEVIATIONS SHALL BE MADE FROM THESE PLANS WITHOUT PERMIT MODIFICATIONS AND APPROVAL BY THE PROJECT ENGINEER.
 2. ALL NON-HARD SURFACED, DISTURBED AREAS SHALL BE RESTORED PER THE SEEDING SPECIFICATIONS.
 3. NO WORK, INCLUDING STAGING OR STORAGE AREAS OR OTHER DISTURBED AREAS, SHALL OCCUR OUTSIDE OF THE CONSTRUCTION LIMIT CORRIDOR DEPICTED IN THE PLANS.



CALL BEFORE YOU DIG



811
VERIFY ALL DIMENSIONS AND LOCATIONS ON THE JOB. REPORT ALL DISCREPANCIES TO OPERATION SERVICES.
DO NOT SCALE DRAWINGS

KE KARVAKKO Engineering
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
DRAFT
Project Name: Michael J. Karvako Date: 04/08/14

Operation Services

DNR Division of Fish and Wildlife
2014 MANSTON WMA MSU
Wilkin County Section: 30 Near Rothsay Township: 135N Range: 40W

Revisions
Date By

SITE OVERVIEW

Survey: KE 2012	Designed: JWM 03/28/14
Drawn: KE 2014	Drawn: SRK 03/28/14
Checked: KE 2014	Checked: MJK 03/28/14
Horz datum: NAD 83 (07)	Vert datum: NAVD 88

Sheet: **11**
Req Number: - BW045
File Number: - WMA00259.00.00.05
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