Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
June 15, 2010

Closing Date:
July 6, 2010

PUBLIC NOTICE

IDEM ID Number:
2010-218-37-EMP-A

Corps of Engineers ID Number:
LRE-2010-00056-137

To all interested parties:

This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

1. Applicant:
Mr. Mark Reiter
IDNR-Division of Fish and Wildlife
402 W. Washington St., Room W273
Indianapolis, IN 46204

2. Agent:
Mr. Jim Bergens
IDNR - Jasper Pulaski FWA
5822 N. Fish & Wildlife Ln.
Medaryville, IN 47957

3. Project location:
Sections 6 and 7, Township 32 North, Range 5 West, Wheatfield USGS Quadrangle
Project is located within the Aukiki Wetland Conservation Area, east of SR 49, north of E CR 1500 North, and south of the Kankakee River, near Wheatfield, Jasper County

4. Affected waterbody:
emergent wetland

5. Project Description:
The applicant, in conjunction with Ducks Unlimited, plans to conduct a tile exploration and removal process to improve the hydrology of the Aukiki Wetland Conservation Area (WCA) for fish and wildlife enhancement. To conduct the tile search and potential removal, a 1' foot wide by 5' wide deep trench will be excavated using a trenching machine along the inside of the existing levee for a length of 11,000 feet. Dredged material will be deposited next to the existing levee and then used as backfill in the trench. As the trench continues, excavated spoil material will be placed in area used as borrow for previous trench backfill. The exploration trench will be filled with clay from adjacent borrow and any tiles located in the trench will be removed. It is assumed that the entire area is currently wetland, so wetland impacts will be 11,000' by 1' (0.25 acre). The project purpose is to improve on-site hydrology with a proposed site inundation between 0-2 feet, with an optimum depth of 1.5' for waterfowl habitat. Onsite depths will not exceed 2 feet of water, as a stop log device will be used to draw down the water levels (draining into the Kankakee River) if they exceed a depth of two feet. No mitigation is proposed.

Comment period:
Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

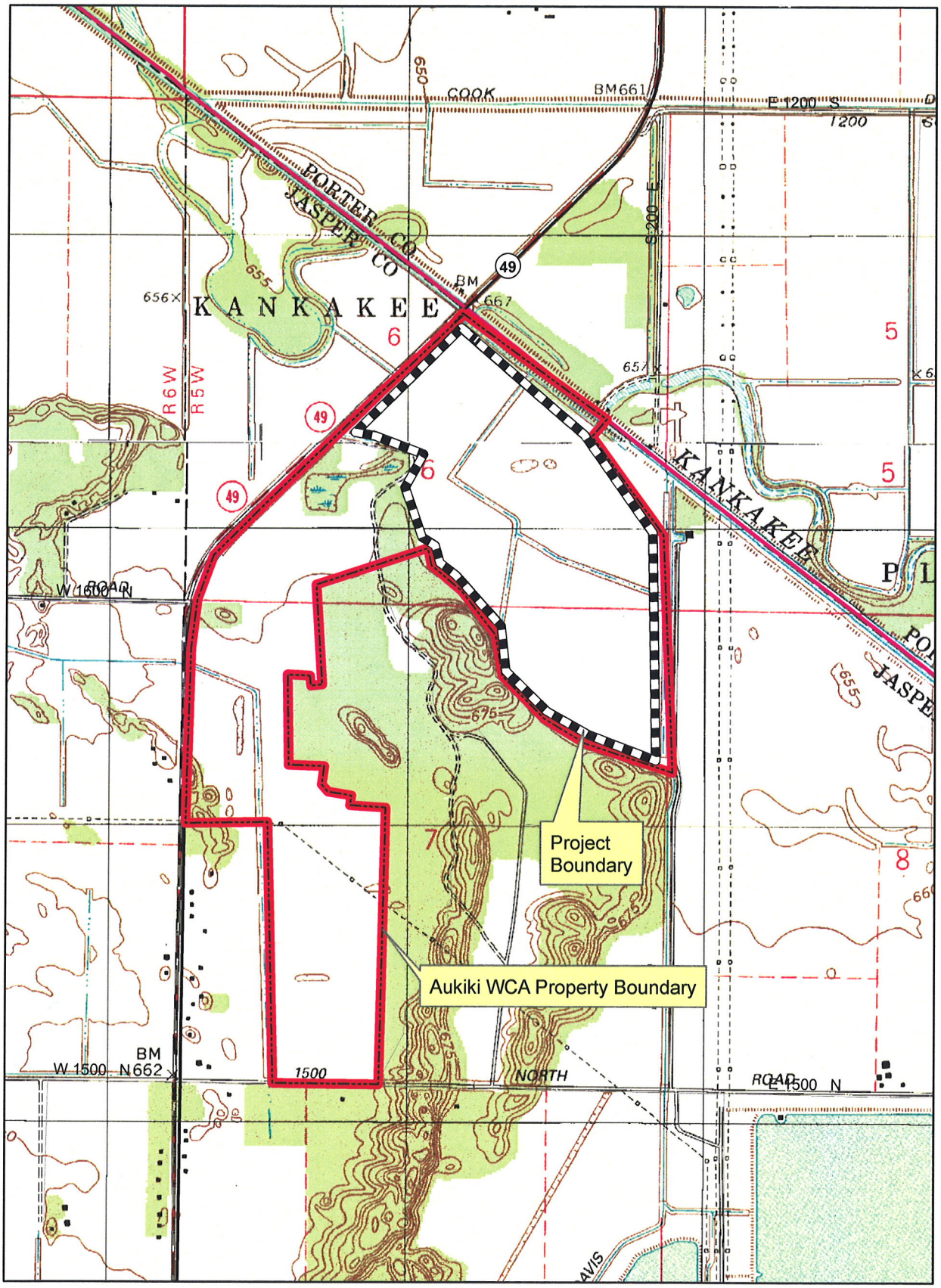
Public Hearing:
Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions?

Additional information may be obtained from Ms. Liz Pelloso, Project Manager, at 317-233-2482. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

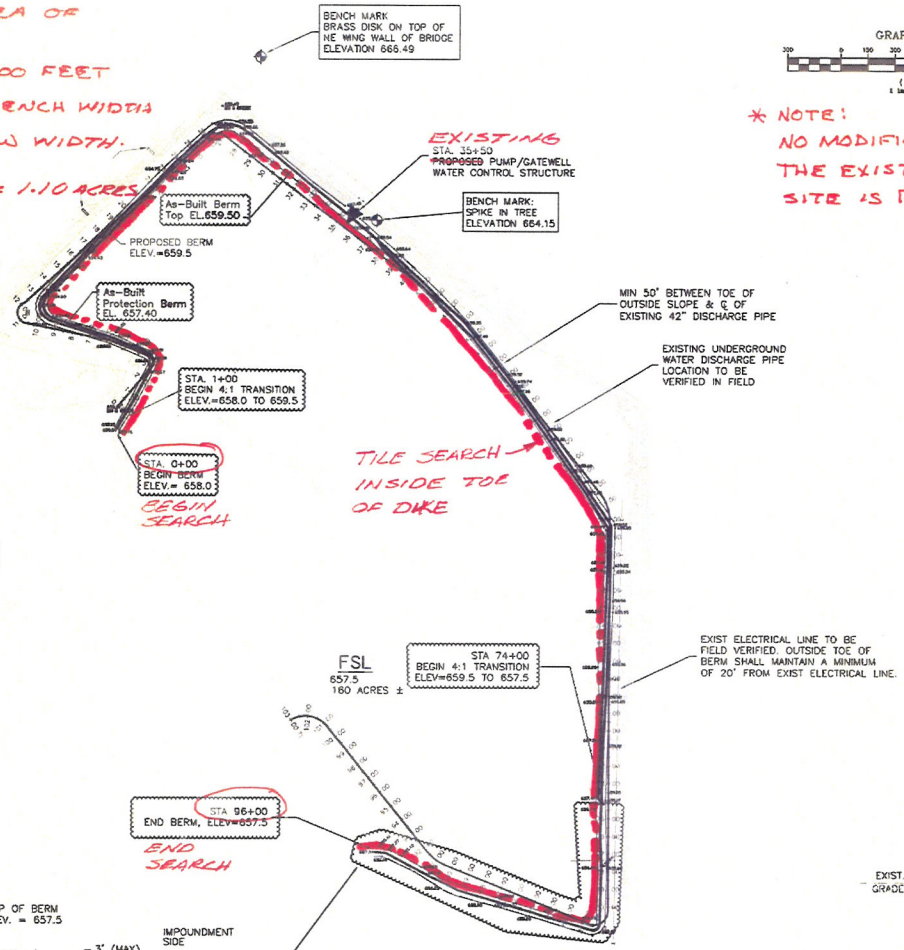
Aukiki Wetland Conservation Area
Tile Drain Location and Removal
IDEM ID: 2010-218-37-EMP-A

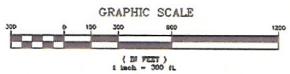


0 0.25 0.5 1 Miles

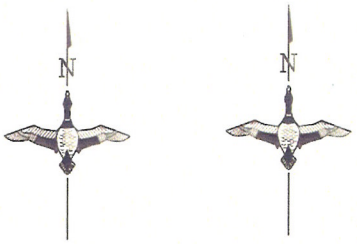
* ESTIMATED AREA OF DISTURBANCE:
DIKE LENGTH = 9600 FEET
WIDTH = 1 FOOT TRENCH WIDTH + 4' BORROW WIDTH.

AREA = (9600)(1+4) / 43560 FT² / ACRE = 1.10 ACRES





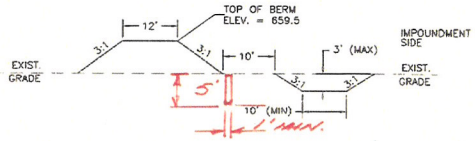
* NOTE:
NO MODIFICATION TO THE EXISTING PUMP SITE IS PLANNED.



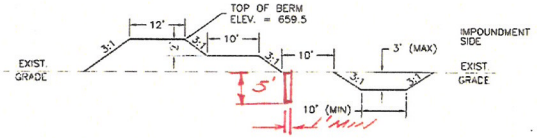
LEGEND

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 1 FT.

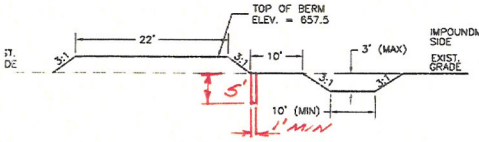
- EXISTING TREE LINE
- PROP BERM ℄
- EXISTING & PROP. DITCH ℄
- EARTH
- RIP-RAP
- WATER CONTROL STRUCTURE



TYPICAL SECTION OF BERM 3' HIGH AND LESS
NO SCALE - (STA 0+00 - 80+97)



TYPICAL SECTION OF BERM GREATER THAN 3' HIGH
NO SCALE - (STA 0+00 - 80+97)



PICAL SECTION OF BERM FROM STA 74+00 TO 96+00

RECEIVED
MAY 26 2010
By

REVISED	BY	DESCRIPTION	DATE
			6-28-09

DUCKS UNLIMITED INC.
GREAT LAKES/ATLANTIC REGIONAL OFFICE

TILE REMOVAL

DESIGNED BY: –
DRAWN BY: –
SURVEYED BY: –
CHECKED BY: –

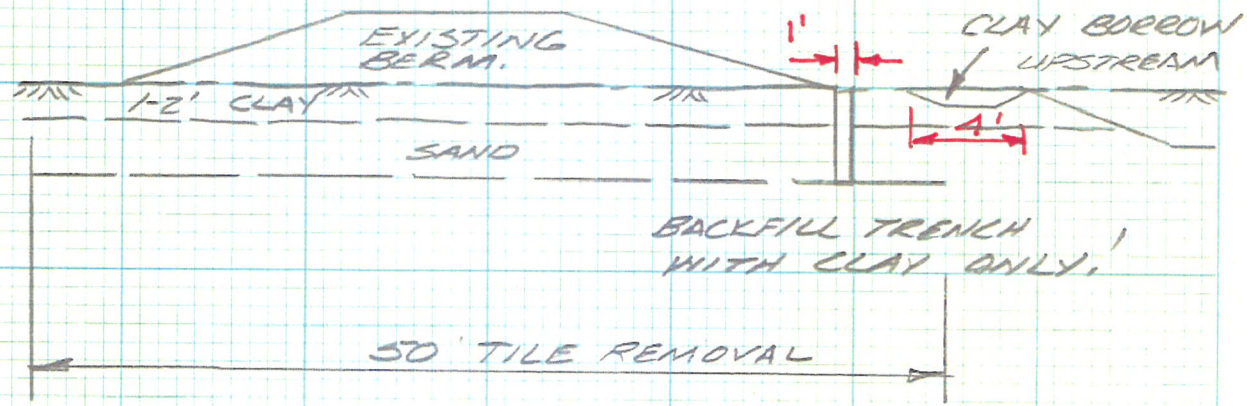
DATE: –
APPROVED BY:
PROJECT NO.: –
CAD FILE: –
DRAWING NO. 000-000-000-00

RECEIVED
MAY 26 2010
By

TILE REMOVAL TRENCH
2 FOOT BOTTOM WIDTH TO A DEPTH SUFFICIENT TO REMOVE EXISTING TILE. REMOVAL TRENCH HAS 1 TO 1 SIDE SLOPES OR FLATTER.

TILE EXPLORATION TRENCH

THE TRENCH IS LOCATED AT THE UPSTREAM TOE OF THE EMBANKMENT. TRENCH IS 5 FEET DEEP AND 1 FOOT WIDE. BACKFILL WITH EXISTING CLAY LAYER



DUCKS UNLIMITED INC.

DESIGN NOTES

PROJECT: AUKUKI RESTORATION
SUBJECT: TILE EXPLORATION / REMOVAL
FILE NO.: 45-10-10-6 DATE: 6-29-09
BY: DLM CHECKED: SHEET: OF: