



Indiana Department of Environmental Management Office of Water Quality Wetlands Section

Publication Date:
September 9, 2024

Closing Date:
September 30, 2024

PUBLIC NOTICE

IDEM ID Number:
2024-648-2-EJW-WQC

Corps of Engineers ID Number:
LRE-2021-00692-102

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:** Chris Everetts
Northeastern REMC
4901 East Park 30 Drive
Columbia City, IN 46725
- 2. Agent:** Ashlee Rodrigue
Earth Source, Inc.
14921 Hand Road
Fort Wayne, IN 46818
- 3. Project location:** Approximately 0.04 miles Northwest of Hathaway Rd and Dunton Rd intersection near Huntertown, Allen County.
Latitude: 41.207008 Longitude: -85.152874
- 4. Affected waterbody:** Federally jurisdictional emergent and forested wetland Section I.
- 5. Project Description:** Applicant is proposing to construct an electrical substation that will impact 0.41 acres of federally jurisdictional wetlands. 0.35 acres of emergent wetland and 0.06 acres of forested wetland will be impacted to construct the electrical substation. To mitigate for emergent wetland impacts, 0.70 acres of emergent wetland credits will be purchased from The Openings Wetland Mitigation Bank. To mitigate for forested wetland impacts, 0.24 acres of forested wetland credit will be purchased from The Openings Wetland Mitigation Bank Phase II. Additional information may be found online at <https://www.in.gov/idem/5474.htm>

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 Evan White, Project Manager, by phone at 317-671-6698 or by e-mail at evwhite@idem.in.gov. 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



Earth Source Inc
14921 Hand Road, Fort Wayne, IN 46818 (260)489-8511

Mr. John Ritchey
Detroit District, Michiana Branch
2422 Viridian Drive, Suite 200
South Bend, IN 46628

August 13, 2024

re: **TRANSMITTAL**
ACOE Number: LRE-2021-00692-102
Nationwide Permit 57 - Application
Hathaway Road Substation
Allen County, Indiana

Dear Mr. Ritchey

Please find enclosed a Nationwide Permit 57 application for Electricity Utility Line and Telecommunication Activities for the Hathaway Road Substation. The project site is located in Fort Wayne in Section 20 of Perry Township (Township 32 North, Range 12 East) in Allen County, Indiana. Northeastern REMC is applying for a Nationwide Permit 57 for the permanent impacts to 0.41 acre of emergent and forested wetland for the construction of an electrical substation. To mitigate for the impacts to 0.35 acres of emergent wetland the applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and to mitigate for the impacts to 0.06 acres of forested wetland the applicant proposes to purchase 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank.

If we can be of any assistance or answer any questions regarding the project, please do not hesitate to contact us at your earliest convenience.

Sincerely,
Earth Source Inc.,

Ashlee N. Rodrigue
Environmental Scientist

Enclosures

cc: Mr. Evan White - IDEM

14921 Hand Road, Fort Wayne, IN 46818 • (260) 489-8511 • office@earthsourceinc.net

landscape architecture • land planning • wetland delineation, permitting & design
native seed nursey • ecological restoration • management



Earth Source Inc
14921 Hand Road, Fort Wayne, IN 46818 (260)489-8511

Mr. Evan White
Wetlands and Stormwater Section, Office of Water Quality
100 North Senate Avenue, Room 1255
Indianapolis Indiana 46204

August 13, 2024

re: **TRANSMITTAL**
Individual Section 401 Water Quality Certification - Application
Hathaway Road Substation
Allen County, Indiana

Dear Mr. White:

Please find enclosed an Individual Section 401 Water Quality Certification application for the Hathaway Road Substation. The project site is located in Fort Wayne in Section 20 of Perry Township (Township 32 North, Range 12 East) in Allen County, Indiana. Northeastern REMC is applying for an Individual Section 401 Water Quality Certification for the permanent impacts to 0.41 acre of emergent and forested wetland for the construction of an electrical substation. To mitigate for the impacts to 0.35 acres of emergent wetland the applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and to mitigate for the impacts to 0.06 acres of forested wetland the applicant proposes to purchase 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank.

If we can be of any assistance or answer any questions regarding the project, please do not hesitate to contact us at your earliest convenience.

Sincerely,
Earth Source Inc.,

Ashlee N. Nichter
Environmental Scientist

Enclosures

cc: Mr. John Ritchey – ACOE, Michiana Branch

14921 Hand Road, Fort Wayne, IN 46818 • (260) 489-8511 • office@earthsourceinc.net

landscape architecture • land planning • wetland delineation, permitting & design
native seed nursey • ecological restoration • management

**U.S. Army Corps of Engineers (USACE)
NATIONWIDE PERMIT PRE-CONSTRUCTION NOTIFICATION (PCN)**

For use of this form, see 33 CFR 330; the proponent agency is CECW-CO-R.

*Form Approved -
OMB No. 0710-0003
Expires: 08-31-2023*

DATA REQUIRED BY THE PRIVACY ACT OF 1974

Authority Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Regulatory Program of the Corps of Engineers (Corps); Final Rule 33 CFR 320-332.

Principal Purpose Information provided on this form will be used in evaluating the nationwide permit pre-construction notification.

Routine Uses This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of the agency coordination process.

Disclosure Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.

The public reporting burden for this collection of information, 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR RESPONSE TO THE ABOVE EMAIL.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see *sample drawings and/or instructions*) and be submitted to the district engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
--------------------	----------------------	------------------	------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME First - Chris Middle - Last - Evertts Company - Northeastern REMC Company Title - E-mail Address - c_everetts@nremc.com	8. AUTHORIZED AGENT'S NAME AND TITLE (<i>agent is not required</i>) First - Ashlee Middle - N Last - Rodrigue Company - Earth Source, Inc. E-mail Address - arodrigue@earthsourceinc.net
6. APPLICANT'S ADDRESS Address- 4901 East Park 30 Drive City - Columbia City State - IN Zip - 46725 Country -	9. AGENT'S ADDRESS Address- 14921 Hand Road City - Fort Wayne State - IN Zip - 46818 Country -
7. APPLICANT'S PHONE NOs. with AREA CODE a. Residence b. Business c. Fax d. Mobile	10. AGENT'S PHONE NOs. with AREA CODE a. Residence b. Business c. Fax d. Mobile 260-489-8511 260-489-8607

STATEMENT OF AUTHORIZATION

11. I hereby authorize, Earth Source, Inc. to act in my behalf as my agent in the processing of this nationwide permit pre-construction notification and to furnish, upon request, supplemental information in support of this nationwide permit pre-construction notification.



 SIGNATURE OF APPLICANT

8/12/2024

 DATE

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME or TITLE (*see instructions*)
Hathaway Road Substation

NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY

13. NAME OF WATERBODY, IF KNOWN <i>(if applicable)</i> 	14. PROPOSED ACTIVITY STREET ADDRESS <i>(if applicable)</i> 808 Hathaway Road
15. LOCATION OF PROPOSED ACTIVITY <i>(see instructions)</i> Latitude °N Longitude °W 41.206997° -85.152852°	City: State: Zip: Fort Wayne IN 46845

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN *(see instructions)*

State Tax Parcel ID	Municipality	
	Huntertown	
Section	Township	Range
19 & 20	T32N	R1E

17. DIRECTIONS TO THE SITE
 From Indianapolis, take I-69 toward towards Fort Wayne, IN. Take exit 311B for IN-3/Lima Road. Continue on Lima Road for 5.5 miles and turn right (east) onto Hathaway Road. Continue on Hathaway Road for 1 mile. The project site is located northwest of Hathaway Road and Dunton Road.

18. IDENTIFY THE SPECIFIC NATIONWIDE PERMIT(S) YOU PROPOSE TO USE
 Nationwide 57 - Electric Utility & Telecommunication Activities

19. DESCRIPTION OF PROPOSED NATIONWIDE PERMIT ACTIVITY *(see instructions)*
 Approximately 5,000 cubic yards of clean dirt material will be placed in 0.41 acres of emergent wetland for the construction of an electrical substation.

20. DESCRIPTION OF PROPOSED MITIGATION MEASURES *(see instructions)*
 There were 3.14 acres of wetland located on the parcel. NEREMC focused the project on the south side of the parcel to concentrate on the upland areas and limit impacts to the wetland. The project was also designed to focus on the lower quality emergent wetland dominated by invasive species, Reed Canary Grass (*Phalaris arundinacea*), over the forested wetland.

21. PURPOSE OF NATIONWIDE PERMIT ACTIVITY *(Describe the reason or purpose of the project, see instructions)*
 Northeastern Rural Electric Membership Corporation (REMC) is proposing the construction of an electrical substation northwest of Dunton Road and Hathaway Road.

22. QUANTITY OF WETLANDS, STREAMS, OR OTHER TYPES OF WATERS DIRECTLY AFFECTED BY PROPOSED NATIONWIDE PERMIT ACTIVITY *(see instructions)*

Acres	Linear Feet	Cubic Yards Dredged or Discharged
0.41	0	5,000

Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site.

23. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. *(see instructions)*
 Section 401 Water Quality Certification.

24. If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and requires pre-construction notification, explain how the compensatory mitigation requirement in paragraph (c) of general condition 23 will be satisfied, or explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required for the proposed activity.
 The applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank.

25. Is any portion of the nationwide permit activity already complete? Yes No If Yes, describe the completed work:


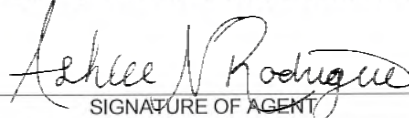
26. List the name(s) of any species listed as endangered or threatened under the Endangered Species Act that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. (see instructions)
No impacts to endangered or threatened species are anticipated.

27. List any historic properties that have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic property or properties. (see instructions)
No impacts to historic properties are anticipated.

28. For a proposed NWP activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the "study river":
No impacts to National Wild and Scenic Rivers Systems are anticipated.

29. If the proposed NWP activity also requires permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, have you submitted a written request for section 408 permission from the Corps district having jurisdiction over that project? Yes No
If "yes", please provide the date your request was submitted to the Corps district:

30. If the terms of the NWP(s) you want to use require additional information to be included in the PCN, please include that information in this space or provide it on an additional sheet of paper marked Block 30. (see instructions)
NA

31. Pre-construction notification is hereby made for one or more nationwide permit(s) to authorize the work described in this notification. I certify that the information in this pre-construction notification is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.
 8/12/2024  8/13/2024
SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE

The pre-construction notification must be signed by the person who desires to undertake the proposed activity (applicant) and, if the statement in Block 11 has been filled out and signed, the authorized agent.
18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

**Instructions for Preparing a
Department of the Army
Nationwide Permit (NWP) PreConstruction Notification (PCN)**

Blocks 1 through 4. To be completed by the Corps of Engineers.

Block 5. Applicant's Name. Enter the name and the email address of the responsible party or parties. If the responsible party is an agency, company, corporation, or other organization, indicate the name of the organization and responsible officer and title. If more than one party is associated with the preconstruction notification, please attach a sheet of paper with the necessary information marked Block 5.

Block 6. Address of Applicant. Please provide the full address of the party or parties responsible for the PCN. If more space is needed, attach an extra sheet of paper marked Block 6.

Block 7. Applicant's Telephone Number(s). Please provide the telephone number where you can usually be reached during normal business hours.

Blocks 8 through 11. To be completed, if you choose to have an agent.

Block 8. Authorized Agent's Name and Title. Indicate name of individual or agency, designated by you, to represent you in this process. An agent can be an attorney, builder, contractor, engineer, consultant, or any other person or organization. Note: An agent is not required.

Blocks 9 and 10. Agent's Address and Telephone Number. Please provide the complete mailing address of the agent, along with the telephone number where he / she can be reached during normal business hours.

Block 11. Statement of Authorization. To be completed by the applicant, if an agent is to be employed.

Block 12. Proposed Nationwide Permit Activity Name or Title. Please provide a name identifying the proposed NWP activity, e.g., Windward Marina, Rolling Hills Subdivision, or Smith Commercial Center.

Block 13. Name of Waterbody. Please provide the name (if it has a name) of any stream, lake, marsh, or other waterway to be directly impacted by the NWP activity. If it is a minor (no name) stream, identify the waterbody the minor stream enters.

Block 14. Proposed Activity Street Address. If the proposed NWP activity is located at a site having a street address (not a box number), please enter it in Block 14.

Block 15. Location of Proposed Activity. Enter the latitude and longitude of where the proposed NWP activity is located. Indicate whether the project location provided is the center of the project or whether the project location is provided as the latitude and longitude for each of the "corners" of the project area requiring evaluation. If there are multiple sites, please list the latitude and longitude of each site (center or corners) on a separate sheet of paper and mark as Block 15.

Block 16. Other Location Descriptions. If available, provide the Tax Parcel Identification number of the site, Section, Township, and Range of the site (if known), and / or local Municipality where the site is located.

Block 17. Directions to the Site. Provide directions to the site from a known location or landmark. Include highway and street numbers as well as names. Also provide distances from known locations and any other information that would assist in locating the site. You may also provide a description of the location of the proposed NWP activity, such as lot numbers, tract numbers, or you may choose to locate the proposed NWP activity site from a known point (such as the right descending bank of Smith Creek, one mile downstream from the Highway 14 bridge). If a large river or stream, include the river mile of the proposed NWP activity site if known. If there are multiple locations, please indicate directions to each location on a separate sheet of paper and mark as Block 17.

Block 18. Identify the Specific Nationwide Permit(s) You Propose to Use. List the number(s) of the Nationwide Permit(s) you want to use to authorize the proposed activity (e.g., NWP 29).

Block 19. Description of the Proposed Nationwide Permit Activity. Describe the proposed NWP activity, including the direct and indirect adverse environmental effects the activity would cause. The description of the proposed activity should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal. Identify the materials to be used in construction, as well as the methods by which the work is to be done.

Provide sketches when necessary to show that the proposed NWP activity complies with the terms of the applicable NWP(s). Sketches usually clarify the activity and result in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed NWP activity (e.g., a conceptual plan), but do not need to be detailed engineering plans.

The written descriptions and illustrations are an important part of the application. Please describe, in detail, what you wish to do. If more space is needed, attach an extra sheet of paper marked Block 19.

Block 20. Description of Proposed Mitigation Measures. Describe any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed NWP activity. The description of any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or additional mitigation measures.

Block 21. Purpose of Nationwide Permit Activity. Describe the purpose and need for the proposed NWP activity. What will it be used for and why? Also include a brief description of any related activities associated with the proposed project. Provide the approximate dates you plan to begin and complete all work.

Block 22. Quantity of Wetlands, Streams, or Other Types of Waters Directly Affected by the Proposed Nationwide Permit Activity. For discharges of dredged or fill material into waters of the United States, provide the amount of wetlands, streams, or other types of waters filled, flooded, excavated, or drained by the proposed NWP activity. For structures or work in navigable waters of the United States subject to Section 10 of the Rivers and Harbors Act of 1899, provide the amount of navigable waters filled, dredged, or occupied by one or more structures (e.g., aids to navigation, mooring buoys) by the proposed NWP activity.

For multiple NWPs, or for separate and distant crossings of waters of the United States authorized by NWPs 12 or 14, attach an extra sheet of paper marked Block 21 to provide the quantities of wetlands, streams, or other types of waters filled, flooded, excavated, or drained (or dredged or occupied by structures, if in waters subject to Section 10 of the Rivers and Harbors Act of 1899) for each NWP. For NWPs 12 and 14, include the amount of wetlands, streams, or other types of waters filled, flooded, excavated, or drained for each separate and distant crossing of waters or wetlands. If more space is needed, attach an extra sheet of paper marked Block 22.

Block 23. Identify Any Other Nationwide Permit(s), Regional General Permit(s), or Individual Permit(s) Used to Authorize Any Part of Proposed Activity or Any Related Activity. List any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. For linear projects, list other separate and distant crossings of waters and wetlands authorized by NWPs 12 or 14 that do not require PCNs. If more space is needed, attach an extra sheet of paper marked Block 23.

Block 24. Compensatory Mitigation Statement for Losses of Greater Than 1/10Acre of Wetlands When PreConstruction Notification is Required.

Paragraph (c) of NWP general condition 23 requires compensatory mitigation at a minimum one-for-one replacement ratio will be required for all wetland losses that exceed 1/10acre and require preconstruction notification, unless the district engineer determines in writing that either some other form of mitigation is more environmentally appropriate or the adverse environmental effects of the proposed NWP activity are no more than minimal without compensatory mitigation, and provides an activity-specific waiver of this requirement. Describe the proposed compensatory mitigation for wetland losses greater than 1/10 acre, or provide an explanation of why the district engineer should not require wetland compensatory mitigation for the proposed NWP activity. If more space is needed, attach an extra sheet of paper marked Block 24.

Block 25. Is Any Portion of the Nationwide Permit Activity Already Complete? Describe any work that has already been completed for the NWP activity.

Block 26. List the Name(s) of Any Species Listed As Endangered or Threatened under the Endangered Species Act that Might be Affected by the Nationwide Permit Activity. If you are not a federal agency, and if any listed species or designated critical habitat might be affected or is in the vicinity of the proposed NWP activity, or if the proposed NWP activity is located in designated critical habitat, list the name(s) of those endangered or threatened species that might be affected by the proposed NWP activity or utilize the designated critical habitat that might be affected by the proposed NWP activity. If you are a Federal agency, and the proposed NWP activity requires a PCN, you must provide documentation demonstrating compliance with Section 7 of the Endangered Species Act.

Block 27. List Any Historic Properties that Have the Potential to be Affected by the Nationwide Permit Activity. If you are not a Federal agency, and if any historic properties have the potential to be affected by the proposed NWP activity, list the name(s) of those historic properties that have the potential to be affected by the proposed NWP activity. If you are a Federal agency, and the proposed NWP activity requires a PCN, you must provide documentation demonstrating compliance with Section 106 of the National Historic Preservation Act.

Block 28. List the Wild and Scenic River or Congressionally Designated Study River if the Nationwide Permit Activity Would Occur in such a River. If the proposed NWP activity will occur in a river in the National Wild and Scenic River System or in a river officially designated by Congress as a "study river" under the Wild and Scenic Rivers Act, provide the name of the river. For a list of Wild and Scenic Rivers and study rivers, please visit <http://www.rivers.gov/>.

Block 29. Nationwide Permit Activities that also Require Permission from the Corps Under 33 U.S.C. 408. If the proposed NWP activity also requires permission from the Corps under 33 U.S.C. 408 because it will temporarily or permanently alter, occupy, or use a Corps federal authorized civil works project, indicate whether you have submitted a written request for section 408 permission from the Corps district having jurisdiction over that project.

Block 30. Other Information Required For Nationwide Permit PreConstruction Notifications. The terms of some of the Nationwide Permits include additional information requirements for preconstruction notifications:

- * NWP 3, Maintenance –information regarding the original design capacities and configurations of the outfalls, intakes, small impoundments, and canals.
- * NWP 31, Maintenance of Existing Flood Control Facilities –a description of the maintenance baseline and the dredged material disposal site.
- * NWP 33, Temporary Construction, Access, and Dewatering –a restoration plan showing how all temporary fills and structures will be removed and the area restored to preproject conditions.
- * NWP 44, Mining Activities –if reclamation is required by other statutes, then a copy of the final reclamation plan must be submitted with the preconstruction notification.
- * NWP 45, Repair of Uplands Damaged by Discrete Events –documentation, such as a recent topographic survey or photographs, to justify the extent of the proposed restoration.
- * NWP 48, Commercial Shellfish Aquaculture Activities –(1) a map showing the boundaries of the project area, with latitude and longitude coordinates for each corner of the project area; (2) the name(s) of the species that will be cultivated during the period this NWP is in effect; (3) whether canopy predator nets will be used; (4) whether suspended cultivation techniques will be used; and (5) general water depths in the project area (a detailed survey is not required).
- * NWP 49, Coal Remining Activities –a document describing how the overall mining plan will result in a net increase in aquatic resource functions must be submitted to the district engineer and receive written authorization prior to commencing the activity.
- * NWP 50, Underground Coal Mining Activities –if reclamation is required by other statutes, then a copy of the reclamation plan must be submitted with the preconstruction notification.

If more space is needed, attach an extra sheet of paper marked Block 30.

Block 31. Signature of Applicant or Agent. The PCN must be signed by the person proposing to undertake the NWP activity, and if applicable, the authorized party (agent) that prepared the PCN. The signature of the person proposing to undertake the NWP activity shall be an affirmation that the party submitting the PCN possesses the requisite property rights to undertake the NWP activity (including compliance with special conditions, mitigation, etc.).

DELINEATION OF WETLANDS, OTHER SPECIAL AQUATIC SITES, AND OTHER WATERS

Each PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site. Wetland delineations must be prepared in accordance with the current wetland delineation manual and regional supplement published by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. The 45 day PCN review period will not start until the delineation is submitted or has been completed by the Corps.

DRAWINGS AND ILLUSTRATIONS

General Information.

Three types of illustrations are needed to properly depict the work to be undertaken. These illustrations or drawings are identified as a Vicinity Map, a Plan View or a Typical CrossSection Map. Identify each illustration with a figure or attachment number. For linear projects (e.g. roads, subsurface utility lines, etc.) gradient drawings should also be included. Please submit one original, or good quality copy, of all drawings on 8½x11 inch plain white paper (electronic media may be substituted). Use the fewest number of sheets necessary for your drawings or illustrations. Each illustration should identify the project, the applicant, and the type of illustration (vicinity map, plan view, or crosssection). While illustrations need not be professional (many small, private project illustrations are prepared by hand), they should be clear, accurate, and contain all necessary information.

ADDITIONAL INFORMATION AND REQUIREMENTS

For proposed NWP activities that involve discharges into waters of the United States, water quality certification from the State, Tribe, or EPA must be obtained or waived (see NWP general condition 25). Some States, Tribes, or EPA have issued water quality certification for one or more NWPs. Please check the appropriate Corps district web site to see if water quality certification has already been issued for the NWP(s) you wish to use. For proposed NWP activities in coastal states, state Coastal Zone Management Act consistency concurrence must be obtained, or a presumption of concurrence must occur (see NWP general condition 26). Some States have issued Coastal Zone Management Act consistency concurrences for one or more NWPs. Please check the appropriate Corps district web site to see if Coastal Zone Management Act consistency concurrence has already been issued for the NWP(s) you wish to use.



**APPLICATION FOR AUTHORIZATION TO DISCHARGE DREDGED
OR FILL MATERIAL TO ISOLATED WETLANDS AND/OR
WATERS OF THE STATE**

State Form 51821 (R2 / 11-15)

Indiana Department of Environmental Management

- INSTRUCTIONS:** 1. Read the instruction sheet before filling out this form.
2. You must complete all applicable sections of this form

1. Applicant Information		2. Agent Information	
Name of Applicant Northeastern REMC		Name of Agent Earth Source, Inc.	
Mailing address (Street/ PO Box/ Rural Route, City, State, ZIP Code) 4901 East Park 30 Drive Columbia City, IN 46725		Mailing address (Street/ PO Box/ Rural Route, City, State, ZIP Code) 14921 Hand Road Fort Wayne, Indiana 46818	
Daytime Telephone Number (419) 212-1761		Daytime Telephone Number 260-489-8511	
Fax Number		Fax Number 260-489-8607	
E-mail address (optional) c_everetts@nremc.com		E-mail address (optional) arodrigue@earthsourceinc.net	
Contact person (required) Chris Everetts		Contact person Ashlee Rodrigue	
3. Project / Tract Location			
County Allen		Nearest city or town Fort Wayne	
U.S.G.S. Quadrangle map name (Topographic map) Huntertown		Project street address (if applicable) 808 Hathaway Rd Fort Wayne, IN 46845	
Quarter	Section 20	Township T32N	Range R12E
Type of aquatic resource(s) to be impacted (Attach Worksheet One.) Section I - Emergent/Forested Wetland		Project name or title (if applicable) Hathaway Road Substation	
Other location descriptions or driving directions From Indianapolis, take I-69 toward towards Fort Wayne, IN. Take exit 311B for IN-3/Lima Road. Continue on Lima Road for 5.5 miles and turn right (east) onto Hathaway Road. Continue on Hathaway Road for 1 mile. The project site is located northwest of Hathaway Road and Dunton Road.			
4. Project Purpose and Description (Use additional sheet(s) if required.)			
Has any construction been started? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Anticipated start date (month, day, year)	
If yes, how much work is completed?			
Purpose of project and overview of activities Northeastern Rural Electric Membership Corporation (REMC) is proposing the construction of an electrical substation northwest of Dunton Road and Hathaway Road. The electrical substation will impact 0.41 acres of emergent and forested wetland for the construction of an electrical substation.			

5. Avoidance, Minimization, and Mitigation Information: Applicants must answer all of the following questions

(Use additional sheet(s) if necessary - provide a detailed response to all applicable questions.)

A. For projects with Class II isolated wetlands –

1. Is there a reasonable alternative to the proposed activity?
Not Applicable

2. Is the proposed activity reasonably necessary or appropriate?
Not Applicable

B. For projects with Class III wetlands, adjacent wetlands, and/or streams, rivers, lakes or other water bodies –

1. Is there a practicable alternative to the proposed activity?
There is not alternative as NEREMC has been looking to build a substation in the area. Do to the adjacency to the substation south of Hathaway Road, they can expand the capabilities to better serve the growing surrounding community.

2. Have practicable and appropriate steps to minimize impacts to water resources been taken?
There were 3.14 acres of wetland located on the parcel. NEREMC focused the project on the south side of the parcel to concentrate on the upland areas and limit impacts to the wetland. The project was also designed to focus on the lower quality emergent wetland dominated by invasive species, Reed Canary Grass (*Phalaris arundinacea*), over the forested wetland.

Describe all compensatory mitigation required for unavoidable impacts.

The applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank.

6. Drawing / Plan Requirements (Applicants must provide the following.)

- a. Top/aerial/overhead views of the project site showing existing conditions and proposed construction.
- b. Cross sectional view of areas of fill or alterations to streams and other waters.
- c. North arrow, scale, property boundaries.
- d. Include wetland delineation boundary (*if applicable*). Label all wetlands (jurisdictional, isolated and exempt) as I-1, I-2, I-3, etc. and the mitigation areas as M-1, M-2, etc.
- e. Location of all surface waters, including wetlands, erosion control measures, existing and proposed structures, fill and excavation locations, disposal area for excavated material, including quantities, and wetland mitigation site (*if applicable*).
- f. Approximate water depths and bottom configurations (*if applicable*).

7. Supplemental Application Materials (Applicants must provide the following.)

- a. A wetland delineation of all wetlands on the project site (*for projects with wetland impacts*).
- b. At least three photographs of the project site. Indicate the photo locations on the project plans.
- c. If isolated wetlands are present, a letter from the Corps of Engineers verifying this statement.
- d. Wetland mitigation plan and monitoring report.
- e. Classification of all isolated wetlands on the tract (*if isolated wetlands are present onsite*).
- f. Copies of all applicable local permits and/or resolutions pertaining to the project or tract.
- g. Tract history (*see instructions*).

8. Additional information that MAY be required (IDEM will notify you if needed.)

- a. Erosion control and/or storm water management plans.
- b. Sediment analysis.
- c. Species surveys for fish, mussels, plants and threatened or endangered species.
- d. Stream habitat assessment.
- e. Any other information IDEM deems necessary to review the proposed project.

9. Permitting Requirements

a. Does this project require the issuance of a Department of the Army Section 404 Permit from the US Army Corps of Engineers? Yes No
 If no, you do not need to answer Part b.

b. Have you applied for an Army Corps of Engineers Section 404 permit? Yes No
 If yes, please supply the Corps of Engineers ID Number, the Corps of Engineers District, the project manager, and a copy of any correspondence with the Corps. **If no, contact** the Army Corps of Engineers regarding the possible need for a permit application.
 John Ritchey, LRE-2021-00692-102

c. Have you applied for, received, or been denied a permit from the Department of Natural Resources for this project? Yes No
 Please give the permit name, permit number, and date of application, issuance or denial.

d. Have you applied for, received, or been denied any other federal, state, or local permits, variances, licenses, or certifications for this project?
 Yes No
 Please give the permit name, agency from which it was obtained, permit number, and date of issuance or denial.

10. Adjoining Property Owners and Addresses

List the names and addresses of landowners adjacent to the property on which your project is located and the names and addresses of other persons (or entities) potentially affected by your project. Use additional sheet(s) if required.

Name Sable & Nathan Locke Address (number and street) 13731 Dunton Rd City State ZIP Code Fort Wayne IN 46845	Name Address (number and street) City State ZIP Code
Name Rachel & Adam Carlock Address (number and street) 5149 CR 51 City State ZIP Code Auburn IN 46706	Name Address (number and street) City State ZIP Code
Name Michael Reed Address (number and street) 13622 Dunton Rd City State ZIP Code Fort Wayne IN 46845	Name Address (number and street) City State ZIP Code
Name Ronald & Mary Hathaway Address (number and street) 636 HATHAWAY RD City State ZIP Code Fort Wayne IN 46845	Name Address (number and street) City State ZIP Code
Name Brian & Jane Fiedler Address (number and street) 833 Hathaway Rd City State ZIP Code Fort Wayne IN 46845	Name Address (number and street) City State ZIP Code
Name Crescenciano Valencia Address (number and street) 1908 High St City State ZIP Code Fort Wayne IN 46808	Name Address (number and street) City State ZIP Code

11. Signature - Statement of Affirmation

I certify that I am familiar with the information contained in this application and, to the best of my knowledge and belief, such information is true and accurate. I certify that I have the authority to undertake and will undertake the activities as described in this application. I am aware that there are penalties for submitting false information. I understand that any changes in project design subsequent to IDEM's granting of authorization to discharge to a water of the state are not authorized and I may be subject to civil and criminal penalties for proceeding without proper authorization. I agree to allow representatives of the IDEM to enter and inspect the project site. I understand that the granting of other permits by local, state, or federal agencies does not release me from the requirement of obtaining the authorization requested herein before commencing the project.

Applicant's Signature: Christopher W Everetts

Date: 8/12/2024
(mm/dd/yyyy)

Print Name: Christopher W Everetts

Title: Senior Electrical Engineer

Worksheet – Summary of Onsite Water Resources and Project Impacts

A. Jurisdictional Wetlands (Existing Conditions)		Jurisdictional Wetlands (Proposed Impacts)			
Wetland Type	Size of wetland (acreage)	To be Impacted?	Acreage	Fill quantity (cys)	ATF
<input checked="" type="checkbox"/> EM <input type="checkbox"/> SS <input checked="" type="checkbox"/> FO	3.14 acres	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	0.41	5,000	No
<input type="checkbox"/> EM <input type="checkbox"/> SS <input type="checkbox"/> FO		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EM <input type="checkbox"/> SS <input type="checkbox"/> FO		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EM <input type="checkbox"/> SS <input type="checkbox"/> FO		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EM <input type="checkbox"/> SS <input type="checkbox"/> FO		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EM <input type="checkbox"/> SS <input type="checkbox"/> FO		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EM <input type="checkbox"/> SS <input type="checkbox"/> FO		<input type="checkbox"/> Yes <input type="checkbox"/> No			
Describe the type and composition of fill material to be placed in wetlands on the project site: Clean Dirt Material					
Describe the type and composition and quantity (cubic yards) of material proposed to be dredged or excavated from wetlands on the project site: Not Applicable					

B. Isolated Wetlands (Existing Conditions)		Isolated Wetlands (Proposed Impacts)				
Wetland Class	Type	Size of wetland (acreage)	To be Impacted?	Acreage	Fill quantity (cys)	ATF
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> NF <input type="checkbox"/> F	Not Applicable	<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> NF <input type="checkbox"/> F		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> NF <input type="checkbox"/> F		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> NF <input type="checkbox"/> F		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> NF <input type="checkbox"/> F		<input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> NF <input type="checkbox"/> F		<input type="checkbox"/> Yes <input type="checkbox"/> No			
Describe the type and composition of fill material to be placed in isolated wetlands on the project site: Not Applicable						
Describe the type and composition and quantity (cubic yards) of material proposed to be dredged or excavated from isolated wetlands on the project site: Not Applicable						

C. Bridges and Stream Crossings - provide the following information for EACH structure (Use additional sheet(s) if required.)

Stream name Not Applicable
Description of impacts Not Applicable
Length of upstream bank impacts: Left side: Not Applicable Right side: Not Applicable
Length of downstream bank impacts: Left side: Not Applicable Right side: Not Applicable
Bank protection fill placed below the Ordinary High Water Mark: Volume per running foot: Not Applicable
Bank protection fill placed below the Ordinary High Water Mark: Area of coverage: Not Applicable

D. Bank Stabilization – provide the following information for EACH segment (Use additional sheet(s) if required.)	
Water body name	Not Applicable
Description of impacts	Not Applicable
Length of shoreline or bank protection	Not Applicable
Volume (<i>cubic yards</i>) of bank protection fill placed below the Ordinary High Water Mark per running foot	Not Applicable
Area (<i>square feet</i>) of bank protection fill placed below the Ordinary High Water Mark	Not Applicable

E. Stream Relocation	
Water body name	Not Applicable
Description of impacts	Not Applicable
Length of existing channel to be relocated (<i>linear feet</i>)	Not Applicable
Length of new channel to be constructed (<i>linear feet</i>)	Not Applicable
Existing channel to be backfilled? <input type="checkbox"/> Yes <input type="checkbox"/> No	Type of relocation <input type="checkbox"/> Piping <input type="checkbox"/> Open <input type="checkbox"/> Channel <input type="checkbox"/> Other: _____
Type of fill and volume (<i>cubic yards</i>)	Not Applicable

F. Open Water Fill	
Water body name	Not Applicable
Description of impacts	Not Applicable
Area of water body to be filled (<i>acres</i>)	Not Applicable
Type of fill and volume (<i>cubic yards</i>)	Not Applicable

Notes and Instructions for Authorization to Discharge Dredged or Fill Material to a State Regulated Wetland and/or Waters of the State Permit Application Form and Worksheet

Note to applicants:

This form is to be used by all persons who intend to discharge dredged or fill materials into wetlands, isolated wetlands, or any other water body regulated under state and federal law. Specifically, this form is to be used for the following:

1. Application for Section 401 Water Quality Certification for any project not covered by the Indiana Regional General Permit
2. Application for a State Regulated Wetland Permit authorized under HEA 1798 and HEA 1277, excluding any activities authorized under any of the State Regulated Wetland General Permits

Consult the Office of Water Quality Web site for information on the types of authorizations and requirements for projects regulated under these laws.

<http://www.in.gov/idem/wetlands/index.htm>

Do not submit this form until you are familiar with the various authorizations and proper forms for obtaining these authorizations. An application submitted on the incorrect form may result in delays in processing.

Applicants should also contact the Indiana Department of Natural Resources (DNR) regarding potential permit requirements associated with construction in a floodway or a public freshwater lake. You can reach the DNR Division of Water at (317) 232-4160 or toll free at (877) WATER-55.

Instructions for Completing the Application and Worksheet

Address all applications or questions to:

Indiana Department of Environmental Management
Office of Water Quality
Section 401 Water Quality Certification/State Isolated Wetlands Program
100 North Senate Ave.
Indianapolis, Indiana 46204

Telephone: (800) 451-6027 or (317) 233-8488

Print clearly or type.

Attach additional 8.5" x 11" sheets as necessary.

APPLICATION

Note: Some wetland activities may impact both U.S. navigable waters and state regulated isolated wetlands. In those situations, the project will require a Section 401 Water Quality Certification and Section 404 U.S. Corps of Engineers permit AND approval under the new State Isolated Wetland Regulatory Program. When IDEM receives an application that involves an activity that may impact both intrastate navigable waters and a state regulated wetland, current state law requires that we evaluate each activity using different authorities. IDEM will, at the request of an applicant, evaluate a project with multi-jurisdictional wetlands under the Section 401 certification framework and will provide one authorization for the project, applying the state regulated isolated wetlands law and federal Clean Water Act Section 401 authorities. If an applicant prefers that all IDEM approvals occur within one streamlined review process, a separate letter specifically requesting a combined review of the entire project should be submitted concurrently with the application.

Block 1 - Applicant Information

Provide your name, address, and telephone number. You MUST provide a contact name. For complex projects or projects with multiple contractors and responsible parties, designation of a single point of contact will speed up the review process and enable more timely responses to requests for information.

Block 2 - Agent Information

If you choose to be represented by an agent, provide the agent's address and telephone information. You are not required to have an agent.

Block 3 - Project Location

Provide specific information relating to the location of your proposed project. Provide accurate maps depicting the project location. Try to keep detail on maps to a minimum, focusing instead on the location of structures and associated water bodies. Consult the USGS Quadrangle maps for information on the quarter, section, township and range of the project. IDEM may require that you submit full size plans to supplement the 8 1/2" by 11" map sheets if the project is large or complex.

Block 4 - Project Purpose and Description

Provide the proposed or actual start date and the anticipated completion date. If you have started your project before obtaining authorization, you may be in violation of federal and/or state law. Give a narrative description of the proposed project. You should include any supplemental environmental reports, assessments, or other documents that explain or justify the proposed configuration of the project. Describe the purpose of the project (that is, what goal or outcome will be met by the construction of the project).

Block 5 - Avoidance, Minimization, and Mitigation Information

You must describe possible alternatives to the proposed project that would avoid impacts to the aquatic resource that were considered during the project planning process. You must also describe ways to minimize impacts considered during the project planning process, including a description of how you plan to contain any dredged/excavated material to prevent re-entry into waterways or wetlands. Examples of alternatives include construction on the upland portions of the property; rerouting a roadway to avoid a wetland; or alternate design plans. Minimization of the impacts may decrease any mitigation requirements that might otherwise apply. Minimization may include reduction of the amount of dredging, filling, or vegetative clearing. For isolated wetlands only, enclosure of a copy of (1) a resolution of the executive of the county or municipality in which the wetland is located or (2) a permit or other approval from a local government entity having authority over the proposed use of the property on which the wetland is located; that includes a specific finding that the wetland activity is part of a legitimate use proposed by the applicant on the property, substitutes for the information required on avoidance and minimization.

Answer all the questions in detail, providing example, drawings, or other supporting information to illustrate the steps taken to consider alternatives. Provide reasons why various alternatives were or were not considered.

In general, all impacts to wetlands or other waters that require the use of this form will require some form of compensatory mitigation. A detailed description of the mitigation plan must be provided, including: the location of the mitigation site, the size and type of mitigation to be performed, the construction sequence and timing of the mitigation, information on post construction monitoring, mitigation techniques, and success criteria of the mitigation site. A mitigation plan, with overview drawings, planting lists, cross sectional views, and other relevant information is recommended as a supplement to answer this question.

Block 6 - Drawing/Plan Requirements

You must submit drawings/plans that are on 8 1/2 by 11 inch sheets. Your project will be delayed if these materials are not submitted in the formats specified in the application.

Block 7 - Supplemental Application Materials

All projects involving impacts to wetlands must be accompanied by a wetland delineation using the procedures established in the U.S. Army Corps of Engineers Wetland Delineation Manual, Technical Report Y-87-1 (January 1987). This delineation must be approved or reviewed by the Corps of Engineers in order for IDEM to determine the impacts to water bodies associated with the project. DO NOT submit an application involving impacts to wetlands without a wetland delineation. For projects that involve impacts to isolated wetlands, a letter from the Corps of Engineers that specifically makes this determination must be provided or the application will not be processed. Submittal of photographs depicting the project site is highly encouraged. Photos must be clearly labeled with the direction of the shot, the area depicted, and notes on relevant features. A map depicting the location of photos on the project site is also useful and should be included whenever photos are submitted.

For project sites with isolated wetlands, a tract history is also required. This history provides information on all the wetlands on the site prior to January 1, 2004, and describes any and all activities within these wetlands, including impacts allowed to wetlands exempt from regulation under the various provisions of federal and state law. Direct questions regarding this requirement to IDEM staff for clarification.

Block 8 - Additional Information That May Be Required

You are not required to submit the information specified in this section unless directed to do so by IDEM. However, you may submit the information if you anticipate that such information will be required. For example, if you are aware of issues on the proposed project site which may impact water resources, such as the presence of contaminated soils or sediments, endangered species, well field protection areas, or previously permitted activities on the project site, information regarding these points must be submitted with the certification application.

Block 9 - Permitting Requirements

Provide information regarding your application to the Corps of Engineers. If you have not yet contacted the Corps of Engineers, you must do so as soon as possible (SEE BLOCK 7). Provide information regarding any other federal, state, or local permits, variances, licenses, or certifications required for your project. Please indicate whether they were approved, denied, or are pending.

Block 10 - Adjoining Property Owners and Addresses

List the names and addresses of landowners adjacent to the property on which your project is located. Adjacent property owners are persons who share property lines with your property. Inclusion of names and addresses of other persons (or entities) potentially affected by your project must include persons within your neighborhood, lake association, or in the general vicinity that may have an interest in your project. Consult with IDEM for further clarification.

Block 11 - Signature - Statement of Affirmation

You must sign and date the application. If the applicant is a corporation, a responsible person from that corporation must sign. No other signatures will be accepted. The application will not be processed without the appropriate signature.

WORKSHEET

Note: When calculating any type of impact, all areas that are affected by placement of fill, bank armoring, culverting, excavation, or any other activity must be counted. When calculating open water impact, all areas within lakes, rivers, streams and the like must be counted. This includes areas under new bridge piers, beaches, and boat ramps, as examples. The Ordinary High Water Mark means that line on the shore of a water body established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, natural destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

- Fill out only the sections of this worksheet that apply to your project. -

Section A - Wetlands

This section is for wetlands determined to be under the jurisdiction of the U.S. Army Corps of Engineers (Corps) and that require a Section 404 permit as well as a Section 401 Water Quality Certification from IDEM. List the type of wetland as Emergent (EM), Scrub shrub (SS), or Forested (FO). "Emergent wetland" means a wetland characterized by erect, rooted, herbaceous hydrophytes, excluding mosses and lichens. "Scrub shrub wetland" means a wetland dominated by woody vegetation having a height greater than three and two-tenths (3.2) feet, and a stem diameter less than three (3) inches. This includes true shrubs, young trees, and trees and shrubs stunted by environmental conditions. "Forested wetland" means a wetland dominated by woody vegetation that has a diameter, at breast height, greater than three (3) inches, regardless of total height. The size of the wetland must be determined by conducting a wetland delineation consistent with the protocols established in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual. The applicant must list whether or not the wetland will be impacted, the acreage of the impact, and the quantity of fill to be discharged into the wetland. The applicant must identify whether or not this is an after-the-fact (ATF) permit. An ATF permit is for impacts to wetlands or other water bodies under the jurisdiction of IDEM that did not receive authorization before the impacts occurred. Additionally, the applicant must describe the type and composition of material proposed to be discharged or removed from the wetland.

Section B - Isolated Wetlands

This section is for wetlands the Corps has determined to be isolated and no longer under their jurisdiction. The Corps jurisdictional determination letter must be included with the application. Isolated wetlands are considered State Regulated Wetlands and proposed impacts to these wetlands will be reviewed pursuant to IC 13-18-22. The class of wetland must be determined by the definitions outlined in IC-13-11-2-25.8. This is determined by assessing the vegetation type,

hydrologic function, habitat functions, values of the wetland, and disturbances to the wetland. The applicant must determine the type of wetland by designating the wetland as either Non-Forested (NF) or Forested (F). The size of the wetland must be determined by conducting a wetland delineation consistent with the protocols established in the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual. The applicant must list whether or not the wetland will be impacted, the acreage of the impact, and the quantity of fill to be discharged into the wetland. The applicant must identify whether or not this is an after-the-fact (ATF) permit. An ATF permit is for impacts to wetlands or other water bodies under the jurisdiction of IDEM that did not receive authorization before the impacts occurred. Additionally, the applicant must describe the type and composition of material proposed to be discharged or removed from the wetland.

Section C - Bridges and Stream Crossings

This section is for projects that impact streams in order to construct, maintain, or protect structures used to cross the stream. The applicant must list the name of the stream to be impacted by the proposed project. The stream name can be found on the USGS Topographic map. If the stream does not have a name, identify it as a tributary to the next stream or water body with a name. Describe the proposed impacts in detail. Include the lengths of bank impacts to both banks upstream and downstream. Determination of left and right banks is made in the following manner- at the point furthest upstream on the project site, face downstream - the left bank is on your left and the right bank is on your right. Identify the volume per running foot of material to be discharged below the Ordinary High Water Mark (OHWM). Identify the total area below the OHWM to receive a discharge of fill material.

Section D - Bank Stabilization

This section is for projects that discharge fill material in order to stabilize eroding land along streams, lakes, or other water bodies. The applicant must list the name of the water body to be impacted by the proposed project. The name of the water body can be found on the USGS Topographic map. If the water body does not have a name, identify it as a tributary to the next stream or water body with a name. Provide the length of shoreline or bank impact. Identify the volume per running foot of material to be discharged below the Ordinary High Water Mark (OHWM). Identify the total area below the OHWM to receive a discharge of fill material.

Section E - Stream Relocation

This section is for projects that propose to relocate a stream from its existing banks either by open channel construction or by stream piping. The applicant must list the name of the stream to be impacted by the proposed project. The stream name can be found on the USGS Topographic map. If the stream does not have a name, identify it as a tributary to the next stream or water body with a name. Describe the impacts to the stream. Provide the linear feet of existing channel to be relocated and the length of new channel to be constructed. The applicant must state whether the old channel is proposed to be filled and describe the type and quantity of fill to be used to fill the old channel. The applicant must also provide the type of relocation, new channel or piping.

Section F - Open Water Fill

This is for projects where the fill material extends beyond the edge of the shoreline into open water. Some examples include the filling of pit mines, borrow pits, and other land reclamation projects. Provide the name of the water body to be impacted. If the water body does not have a name, identify it as unnamed open water body. Describe the impacts to the water body including the area to be filled and the type and quantity of fill material to be discharged.

APPLICATION FOR:

**SECTION 404 NATIONWIDE PERMIT 57 &
SECTION 401 INDIVIDUAL WATER QUALITY
CERTIFICATION**

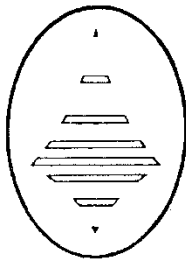
ELECTRIC UTILITY LINE AND TELECOMMUNICATIONS ACTIVITIES

HATHAWAY ROAD SUBSTATION

Prepared for:

**NORTHEASTERN REMC
4901 EAST PARK 30 DRIVE
COLUMBIA CITY, INDIANA 46725**

Prepared by:



Earth·Source Inc

14921 Hand Road, Ft. Wayne, IN 46818
PH: (260) 489-8511 • EM: office@earthsourceinc.net

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY	1
2.0 PROJECT INFORMATION	3
2.1 APPLICANT INFORMATION	3
2.2 PROJECT SUMMARY	3
3.0 AVOIDANCE, MINIMIZATION & MITIGATION	3
4.0 REGULATED IMPACT SUMMARY	4
5.0 STATE ENDANGERED AND THREATENED SPECIES	4

APPENDICES

AGENCY CORRESPONDENCE	APPENDIX A
IDNR – NATURAL HERITAGE DATA	APPENDIX B
SITE PHOTOGRAPHS	APPENDIX C

PERMIT GRAPHICS

REGIONAL LOCATION MAP	H1
PROJECT LOCATION MAP	H2
NATIONAL WETLANDS INVENTORY MAP	H3
ALLEN COUNTY SOIL SURVEY MAP	H4
WETLAND DELINEATION MAP	H5
WETLAND IMPACT MAP	H6

CONSTRUCTION GRAPHICS

SITE PLAN	C100
ENLARGED SITE PLAN	C101
GRADING PLAN	C200
ENLARGED GRADING PLAN	C201
SITE SECTIONS	C202
ESCP	C300
SITE DETAILS	C400

**NATIONWIDE PERMIT 57 & WATER QUALITY CERTIFICATION
HATHAWAY ROAD SUBSTATION: ALLEN COUNTY, INDIANA**

1.0 EXECUTIVE SUMMARY

Northeastern Rural Electric Membership Corporation (REMC) is proposing the construction of an electrical substation northwest of Dunton Road and Hathaway Road. The 5.05-acre project site is located in Section 20 of Perry Township (Township 32 North, Range 12 East) of Allen County, Indiana (Latitude: 41.207421°, Longitude: -85.153110°). The applicant is requesting a Nationwide Permit 57 application for Electricity Utility Line and Telecommunication Activities and Section 401 Individual Water Quality Certification for the regulated impacts to 0.41 acre of emergent and forested wetland for the construction of an electrical substation. To mitigate for the impacts to 0.35 acres of emergent wetland the applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and to mitigate for the impacts to 0.06 acres of forested wetland the applicant proposes to purchase 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank.

Table 1: Nationwide Permit 57 Section 401 Specific Conditions

SPECIFIC CONDITIONS	CONDITION MET
(1) The permittee must submit a complete Notification Form for any NWP that requires notification by this WQC	See Attached
(2) Notification to IDEM is required for any pipeline project and utility or telecommunication activities that involve crossing wetlands. The applicant will be required to restore temporarily impacts wetlands to pre-construction grade, contours, and vegetative conditions. A copy of the restoration plan must be submitted with the Notification Form.	Not Applicable Permanent Impacts
(3) The activity must not permanently affect more than twenty-five hundredths (0.25) of an acre of waters of the United States;	NOT MET (0.41 Acres)
(4) The activity must not permanently change the sinuosity, flow path, velocity, cross sectional area under the bank full elevation or the slope of a stream	Not Applicable
(5) The activity must not permanently affect more than 500 linear feet of streambank or lake shoreline. See General Condition 14.	Not Applicable
(6) The activity must not result in a permanent secondary effect to waters of the United States (e.g., dredging, excavation, damming, creation of in-channel ponds) that, when combined with the primary effect, exceeds the area and length thresholds specified above	MET
(7) For maintenance activities involving the placement of riprap other bank stabilization material, the stabilization material must be installed flush with the upstream and downstream bank and stream channel/lake bed elevations and grades	Not Applicable
(8) For instream utility line stabilization activities, the use of articulated or other matting is only authorized if the utility is only partially (<10%) exposed. Fully exposed utility stabilization activities are not authorized by this WQC	Not Applicable
(9) Remediation of inadvertent returns of drilling fluids into Waters of the U.S. require the following actions: (a) Immediately implement containment and clean up measures (b) Report the Spill to IDEM's 24 Hour Emergency Spill Line at (888) 233-7745 (c) Contact IDEM wetlands & Stormwater Section at (317) 233-8488 (d) Submit the containment, clean up and restoration plan to IDEM for review and approval	MET

**NATIONWIDE PERMIT 57 & WATER QUALITY CERTIFICATION
HATHAWAY ROAD SUBSTATION: ALLEN COUNTY, INDIANA**

- (10) If a utility or telecommunication line is placed beneath the bed of a river or stream, the following conditions must be met:
- (a) Cover of at three (3) feet, measured perpendicularly to the line, between the lowest point of the stream bed and the top of the utility line or its encasement, which every is higher, if the bed is composed of unconsolidated materials Not Applicable
 - (a) Cover at least one (1) foot, measured perpendicularly to the line, between the lowest point of the stream bed and the top of the utility line or its encasement, which every is higher, if the bed is composed of consolidated materials

Table 2: Section 401 Nationwide Permit General Conditions

GENERAL CONDITIONS	CONDITION MET
(13) Activities that have a cumulative permanent impact to waters of the United States of more than 0.10 must comply with mitigation requirements.	0.94 acres (Table 3)
(14) Activities that have a cumulative permanent impact to waters of the United States of more than 300 linear feet must comply with mitigation requirements.	Not Applicable

2.0 PROJECT INFORMATION

2.1 Applicant Information

Applicant

Mr. Chris Everetts
Northeastern REMC
4901 East Park 30 Drive
Columbia City, IN 46725

(419) 212-1761

Agent

Mr. Eric P. Ellingson
Earth Source Incorporated
14921 Hand Road
Fort Wayne, Indiana 46818

voice (260) 489-8511

2.2 Project Summary

Northeastern Rural Electric Membership Corporation (REMC) is proposing the construction of an electrical substation northwest of Dunton Road and Hathaway Road. The 5.05-acre project site is located in Section 20 of Perry Township (Township 32 North, Range 12 East) of Allen County, Indiana (Latitude: 41.207421°, Longitude: -85.153110°). The applicant is requesting a Nationwide Permit 57 application for Electricity Utility Line and Telecommunication Activities and Section 401 Individual Water Quality Certification for the regulated impacts to 0.41 acre of emergent and forested wetland for the construction of an electrical substation. To mitigate for the impacts to 0.35 acres of emergent wetland the applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and to mitigate for the impacts to 0.06 acres of forested wetland the applicant proposes to purchase 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank.

3.0 AVOIDANCE, MINIMIZATION & MITIGATION

Table 3: Mitigation Credit Summary

Cover Type	Impact Area (ac)	Ratio	Credits
Emergent	0.35	2:1	0.70
Forested	0.06	4:1	0.24
Total	0.41		0.94

There were 3.14 acres of wetland located on the parcel. NEREMC focused the project on the south side of the parcel to concentrate on the upland areas and limit impacts to the wetland. The project was also designed to focus on the lower quality emergent wetland dominated by invasive species, Reed Canary Grass (*Phalaris arundinacea*), over the forested wetland.

**NATIONWIDE PERMIT 57 & WATER QUALITY CERTIFICATION
HATHAWAY ROAD SUBSTATION: ALLEN COUNTY, INDIANA**

To mitigate for the impacts to 0.35 acres of emergent wetland the applicant proposes to purchase 0.70 acres (2:1 ratio) of emergent mitigation credit and to mitigate for the impacts to 0.06 acres of forested wetland the applicant proposes to purchase 0.24 acres (4:1 ratio) of forested wetland credit from the Openings Wetland Mitigation Bank. The project site is located in the St. Joseph Watershed (04100003), which is within the primary service area for the Openings Wetland Mitigation Bank.

4.0 REGULATED IMPACT SUMMARY

Section I (reference attachments C100-C400)

Type of development:	Industrial
Total area of wetland:	3.14 acre
Total area of regulated impact:	0.41 acre
Total proposed fill:	5,000 cubic yards

Approximately 5,000 cubic yards of clean dirt material will be placed in 0.41 acres of emergent wetland for the construction of an electrical substation.

5.0 STATE ENDANGERED AND THREATENED SPECIES

According to correspondence with Taylor Davis Astle from the Indiana Natural Heritage Data Center on November 16, 2023, no threatened or endangered species or significant area were documented within 0.5 mile of the project site (Appendix B).

APPENDIX A

AGENCY CORRESPONDENCE



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, DETROIT DISTRICT
REGULATORY OFFICE
MICHIANA BRANCH
2422 VIRIDIAN DRIVE, SUITE 200
SOUTH BEND, INDIANA 46628

September 28, 2021

Regulatory Branch
File No. LRE-2021-00692-102

Martin Shepherd
14025 Dunton Road
Fort Wayne, Indiana 46845

Dear Mr. Shepherd:

This is in response to your request regarding the Corps of Engineers' (Corps) jurisdiction on a parcel of property located at the northwest corner of Hathaway and Dunton Roads in Hometown, Indiana. We recently inspected the property and determined it contains wetlands adjacent to the Willow Creek Branch which eventually flows into the Maumee River. The wetland on this property are under the Corps' jurisdiction and depicted on the enclosed drawing provided by your agent, Earth Source, Inc.

In the Willow Creek Branch, as in all waters of the United States, including their adjacent wetlands, any discharge of dredged and/or fill material must be authorized by the Department of the Army. The authority of the Corps of Engineers to regulate the discharge of dredged and/or fill material is contained in Section 404 of the Clean Water Act and regulations promulgated pursuant to that Act. Filling and grading work, mechanized landclearing, the sidcasting of excavated material, and the installation of certain pile-supported structures constitute or otherwise involve discharges of dredged and/or fill material under the Corps' regulatory authority.

If you anticipate discharging any dredged or fill material into this wetland you will need to apply for and receive authorization from the Corps prior to starting such work. The necessary permit application can be found on our website at <https://www.lre.usace.army.mil/Missions/Regulatory-Program-and-Permits/>. Please complete and return the application following the procedures set forth in the application. Plan view and cross-sectional view drawings, in 8½" x 11" format, should accompany the application. Drawings and a narrative on the form should specifically identify and describe all of the structures, work, and discharges which we regulate as described above, including temporary or construction measures.

Our assertion of jurisdiction is based on the following criteria: (1) our documentation that the area identified as a wetland meets our technical definition of a wetland per the criteria in the *1987 Corps of Engineers Wetlands Delineation Manual* and the

appropriate Regional Supplement, (2) our documentation that areas identified as non-wetlands do not meet the same criteria and (3) our documentation that the wetland are adjacent to the Willow Creek Branch which is part of the tributary system of the Maumee River.

The delineation included herein has been conducted to identify the location and extent of the aquatic resource boundaries and/or the jurisdictional status of aquatic resources for purposes of the Clean Water Act for the particular site identified in this request. This delineation and/or jurisdictional determination may not be valid for the Wetland Conservation Provisions of the Food Security Act of 1985, as amended. If you or your tenant are USDA program participants, or anticipate participation in USDA programs, you should discuss the applicability of a certified wetland determination with the local USDA service center, prior to starting work.

This letter contains an approved jurisdictional determination for the property in question. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 Code of Federal Regulations (CFR) Part 331. We have enclosed a Notification of Appeal Process (NAP) fact sheet and a Request for Appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the Corps' Great Lakes and Ohio River Division office at following address:

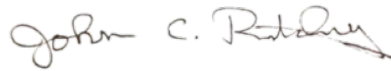
Regulatory Appeal Review Officer
ATTN: Ms. Suzanne Chubb
Army Engineer Division
550 Main Street, Room 10-714
Cincinnati, Ohio 45202-3222

In order for an RFA to be accepted by the Corps, the Corps must determine that the RFA is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division office within 60 days of the date of the NAP sheet. If you decide to submit an RFA form, it must be received at the above address by November 28, 2021. It is not necessary to submit an RFA form to the Division office if you do not object to the determination in this letter. You may contact the Appeals Review Officer at (513) 684-7261 and send a facsimile at (513) 684-2460.

This jurisdiction determination is valid for a period of five years from the date of this letter unless new information warrants revision of the delineation before the expiration date. Should you have any questions, please contact me at the above address, by E-Mail at John.C.Ritchey@usace.army.mil, or by telephone at (574) 232-1952 ext. 21962. In all communications, please refer to File Number LRE-2021-00692-102.

We are interested in your thoughts and opinions concerning your experience with the Detroit District, Corps of Engineers Regulatory Program. If you are interested in letting us know how we are doing, you can complete an electronic Customer Service Survey from our web site at: <https://regulatory.ops.usace.army.mil/customer-service-survey/>. Alternatively, you may contact us and request a paper copy of the survey that you may complete and return to us by mail or fax. Thank you for taking the time to complete the survey, we appreciate your feedback.

Sincerely,

A handwritten signature in cursive script that reads "John C. Ritchey".

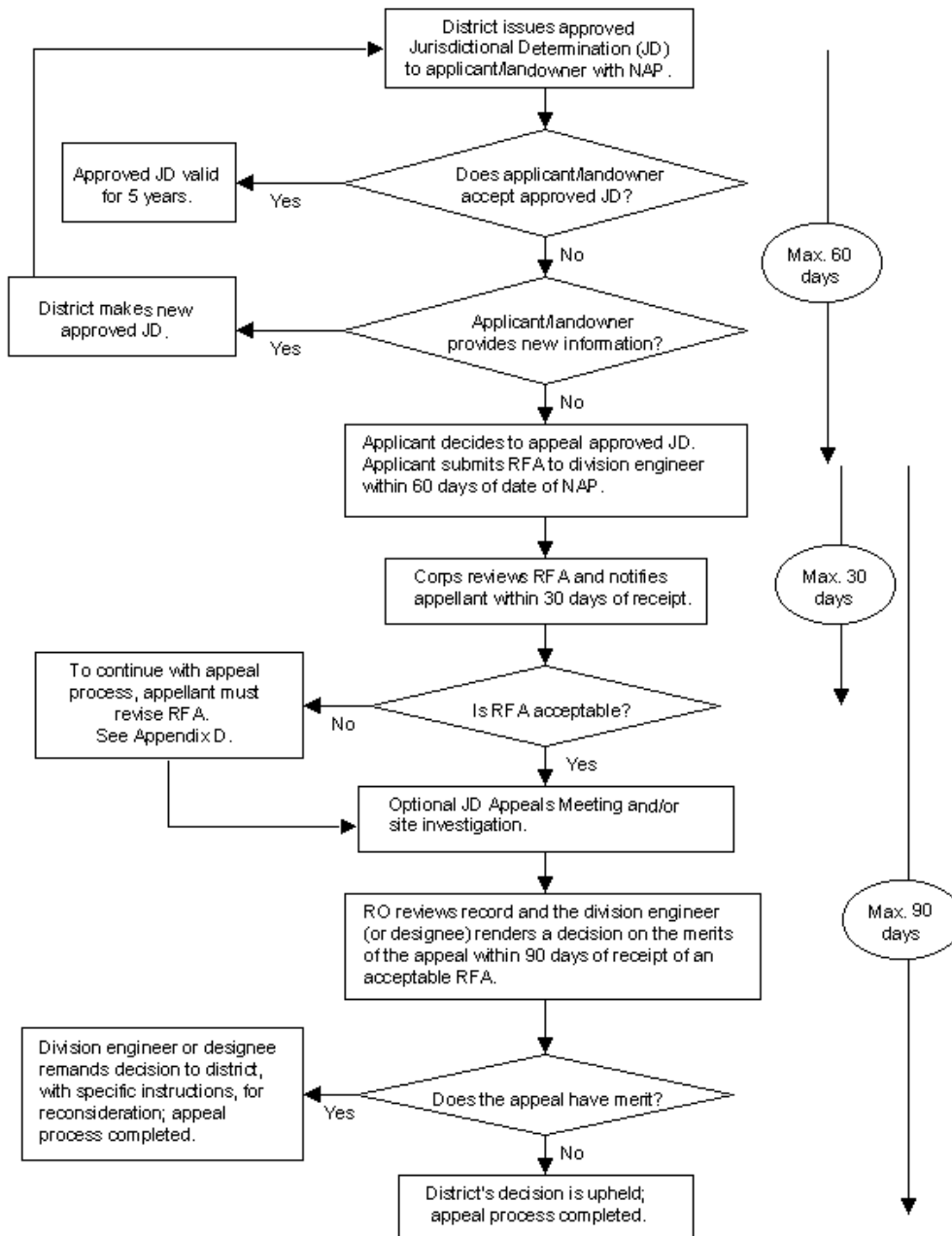
John C. Ritchey
Project Manager
Michiana Branch

Enclosure

Copy Furnished

Earth Source Inc./Nichter
IDNR
IDEM

Administrative Appeal Process for Approved Jurisdictional Determinations



Appendix C

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant: Martin Shepherd		File Number: LRE-2021-00692-102	Date: September 28, 2021
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of permission)		B
	PERMIT DENIAL		C
XX	APPROVED JURISDICTIONAL DETERMINATION		D
	PRELIMINARY JURISDICTIONAL DETERMINATION		E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/cecw/pages/reg_materials.aspx OR Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

John Ritchey
U.S. Army Corps of Engineers
Regulatory Branch
Michiana Branch
2422 Viridian Drive, Suite 200
South Bend, Indiana 46628

(574) 232-1952 ext. 21962

If you only have questions regarding the appeal process you may also contact:

Regulatory Appeal Review Officer
ATTN: Ms. Suzanne Chubb
Army Engineer Division
550 Main Street, Room 10-714
Cincinnati, Ohio 45202-3222

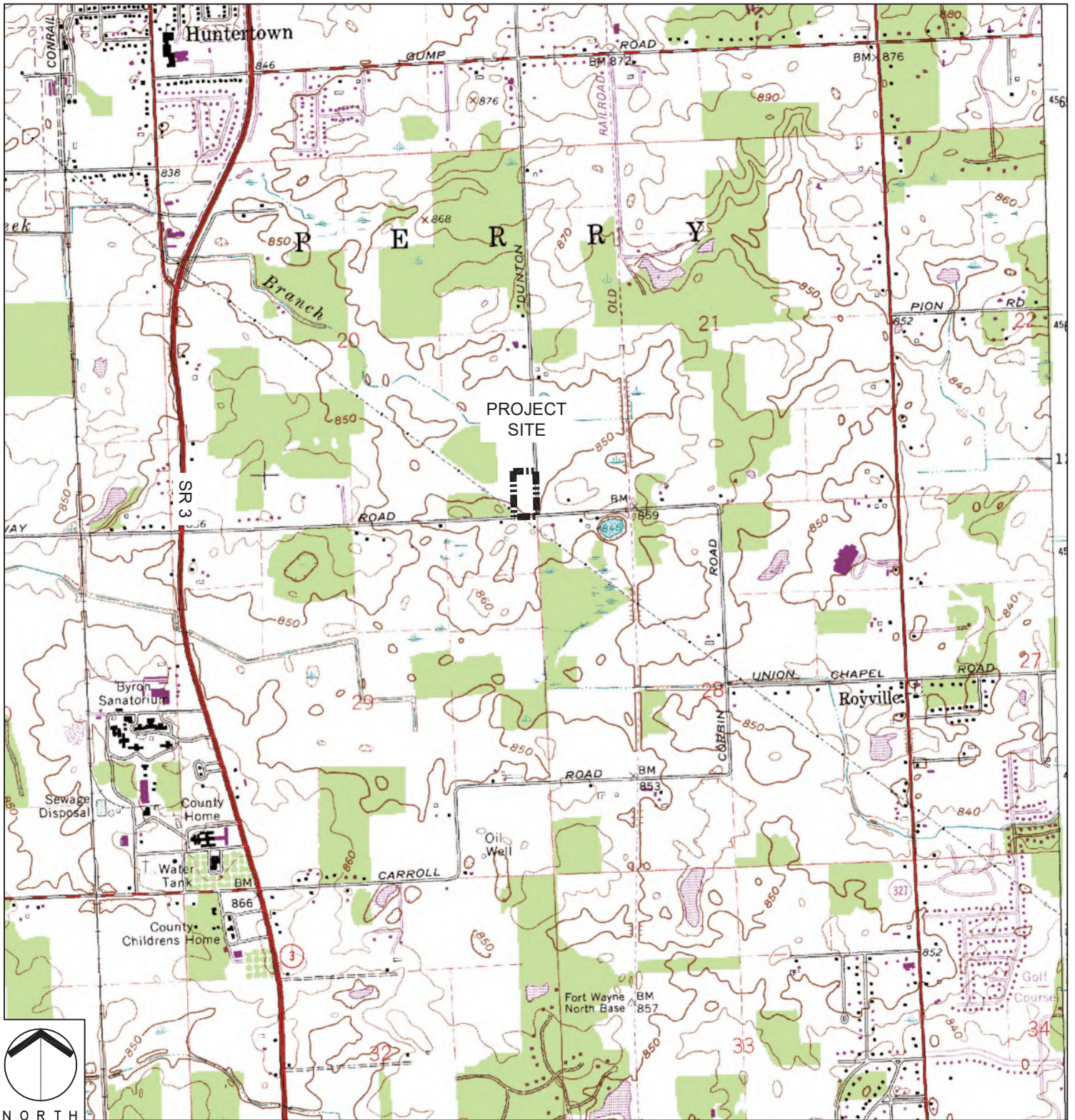
Tel. (513) 684-7261 Fax (513) 684-2460

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:



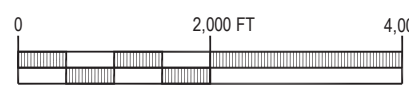
Project Name:
SHEPHERD PROPERTY

Agent:



Earth-Source Inc
14921 Hand Road, Fort Wayne, IN 46818
(260) 489-8511 Fax (260) 489-8607

PROJECT LOCATION MAP



Applicant:

MR. MARTIN SHEPHERD
14025 DUNTON ROAD
FORT WAYNE, INDIANA 46845


State:		County:	
INDIANA		ALLEN	
Township Name:			
PERRY			
Township:	Range:	Section:	
T32N	R12E	SEC 20	
Quadrangle:			
HUNTERTOWN (IN)			
Latitude/Longitude (WGS 84):			
41.207421°, -85.153110°			
Date:	Attachment:		
6-9-2021	S2		

Basemap: U.S. Geological Survey, 1981. HUNTERTOWN QUADRANGLE. 1:24,000. Map. 7.5-Minute Series. U.S. Department of the Interior, Reston, VA.



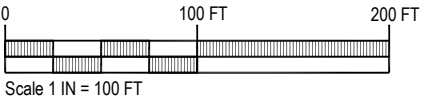
Project Name:
SHEPHERD PROPERTY

Agent:



Earth-Source Inc
14921 Hand Road, Fort Wayne, IN 46818
(260) 489-8511 Fax (260) 489-8607

WETLAND DELINEATION MAP



Applicant:
**MR. MARTIN SHEPHERD
14025 DUNTON ROAD
FORT WAYNE, INDIANA 46845**

State: INDIANA		County: ALLEN
Township Name: PERRY		
Township: T32N	Range: R12E	Section: SEC 20
Quadrangle: HUNTERTOWN (IN)		
Latitude/Longitude (WGS 84): 41.207421°, -85.153110°		
Revised Date: 7-8-2021		Attachment: S6

APPROVED JURISDICTIONAL DETERMINATION FORM
U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): September 24, 2021

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Detroit District - Michiana Branch, Shepard Property - JD, LRE-2021-00692-102

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Indiana County/parish/borough: Allen City: Huntertown
Center coordinates of site (lat/long in degree decimal format): Lat. 41.207421° **N**, Long. 85.15311° **W**.
Universal Transverse Mercator: Zone 16

Name of nearest waterbody: Willow Creek Branch

Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Maumee River

Name of watershed or Hydrologic Unit Code (HUC): 0410000307 (Cedar Creek)

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date:

Field Determination. Date(s): July 8, 2021

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **Are no** "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

Waters subject to the ebb and flow of the tide.

Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain: .

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There **Are** "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

1. Waters of the U.S.

a. Indicate presence of waters of U.S. in review area (check all that apply):¹

- TNWs, including territorial seas
- Wetlands adjacent to TNWs
- Relatively permanent waters² (RPWs) that flow directly or indirectly into TNWs
- Non-RPWs that flow directly or indirectly into TNWs
- Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
- Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
- Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
- Impoundments of jurisdictional waters
- Isolated (interstate or intrastate) waters, including isolated wetlands

b. Identify (estimate) size of waters of the U.S. in the review area:

Non-wetland waters: linear feet: width (ft) and/or acres.

Wetlands: 3.14 acres.

c. Limits (boundaries) of jurisdiction based on: 1987 Delineation Manual

Elevation of established OHWM (if known): .

2. Non-regulated waters/wetlands (check if applicable):³

Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional.

Explain: .

¹ Boxes checked below shall be supported by completing the appropriate sections in Section III below.

² For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

³ Supporting documentation is presented in Section III.F.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW

Identify TNW: .

Summarize rationale supporting determination: .

2. Wetland adjacent to TNW

Summarize rationale supporting conclusion that wetland is “adjacent”:

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are “relatively permanent waters” (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody⁴ is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:

Watershed size: **Pick List**

Drainage area: **Pick List**

Average annual rainfall: inches

Average annual snowfall: inches

(ii) Physical Characteristics:

(a) Relationship with TNW:

Tributary flows directly into TNW.

Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.

Project waters are **Pick List** river miles from RPW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Project waters are **Pick List** aerial (straight) miles from RPW.

Project waters cross or serve as state boundaries. Explain: .

Identify flow route to TNW⁵: .

Tributary stream order, if known: .

⁴ Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

⁵ Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

(b) General Tributary Characteristics (check all that apply):

Tributary is: Natural
 Artificial (man-made). Explain: .
 Manipulated (man-altered). Explain: .

Tributary properties with respect to top of bank (estimate):

Average width: feet
Average depth: feet
Average side slopes: **Pick List**.

Primary tributary substrate composition (check all that apply):

Silts Sands Concrete
 Cobbles Gravel Muck
 Bedrock Vegetation. Type/% cover:
 Other. Explain: .

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: .

Presence of run/riffle/pool complexes. Explain: .

Tributary geometry: **Pick List**

Tributary gradient (approximate average slope): %

(c) Flow:

Tributary provides for: **Pick List**

Estimate average number of flow events in review area/year: **Pick List**

Describe flow regime: .

Other information on duration and volume: .

Surface flow is: **Pick List**. Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .

Dye (or other) test performed: .

Tributary has (check all that apply):

Bed and banks
 OHWM⁶ (check all indicators that apply):
 clear, natural line impressed on the bank the presence of litter and debris
 changes in the character of soil destruction of terrestrial vegetation
 shelving the presence of wrack line
 vegetation matted down, bent, or absent sediment sorting
 leaf litter disturbed or washed away scour
 sediment deposition multiple observed or predicted flow events
 water staining abrupt change in plant community
 other (list):
 Discontinuous OHWM.⁷ Explain: .

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

High Tide Line indicated by: Mean High Water Mark indicated by:
 oil or scum line along shore objects survey to available datum;
 fine shell or debris deposits (foreshore) physical markings;
 physical markings/characteristics vegetation lines/changes in vegetation types.
 tidal gauges
 other (list):

(iii) **Chemical Characteristics:**

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).

Explain: .

Identify specific pollutants, if known: .

⁶A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

⁷Ibid.

(iv) **Biological Characteristics. Channel supports (check all that apply):**

- Riparian corridor. Characteristics (type, average width): .
- Wetland fringe. Characteristics: .
- Habitat for:
 - Federally Listed species. Explain findings: .
 - Fish/spawn areas. Explain findings: .
 - Other environmentally-sensitive species. Explain findings: .
 - Aquatic/wildlife diversity. Explain findings: .

2. **Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW**

(i) **Physical Characteristics:**

(a) General Wetland Characteristics:

Properties:

Wetland size: acres

Wetland type. Explain: .

Wetland quality. Explain: .

Project wetlands cross or serve as state boundaries. Explain: .

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain: .

Surface flow is: **Pick List**

Characteristics: .

Subsurface flow: **Pick List**. Explain findings: .

Dye (or other) test performed: .

(c) Wetland Adjacency Determination with Non-TNW:

Directly abutting

Not directly abutting

Discrete wetland hydrologic connection. Explain: .

Ecological connection. Explain: .

Separated by berm/barrier. Explain: .

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List**.

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) **Chemical Characteristics:**

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: .

Identify specific pollutants, if known: .

(iii) **Biological Characteristics. Wetland supports (check all that apply):**

Riparian buffer. Characteristics (type, average width): .

Vegetation type/percent cover. Explain: .

Habitat for:

Federally Listed species. Explain findings: .

Fish/spawn areas. Explain findings: .

Other environmentally-sensitive species. Explain findings: .

Aquatic/wildlife diversity. Explain findings: .

3. **Characteristics of all wetlands adjacent to the tributary (if any)**

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately () acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N) Size (in acres) Directly abuts? (Y/N) Size (in acres)

Summarize overall biological, chemical and physical functions being performed: .

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: .
2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .
3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D: .

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:
 TNWs: linear feet width (ft), Or, acres.
 Wetlands adjacent to TNWs: acres.
2. **RPWs that flow directly or indirectly into TNWs.**
 Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: .
 Tributaries of TNW where tributaries have continuous flow “seasonally” (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: .

Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: linear feet width (ft).
 Other non-wetland waters: acres.
Identify type(s) of waters: .

3. **Non-RPWs⁸ that flow directly or indirectly into TNWs.**

- Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):

- Tributary waters: linear feet width (ft).
 Other non-wetland waters: acres.
Identify type(s) of waters: .

4. **Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**

- Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
 Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: **Section I drains into and directly abuts Willow Creek Branch immediately north of the review area. Willow Creek Branch is identified as a permanent blue line stream on the USGS Topo Map; a blue line stream on the USDA Web Soil Survey Map. During the July 8, 2021 site visit, water was observed flowing in Willow Creek Branch at the Dunton Road Crossing. Willow Creek Branch is considered a perennial waterway that flows year-round (a RPW) which flows directly into Willow Creek, then Cedar Creek and the St. Joseph River (a RPW), which then flows into the Maumee River (a TNW).**
 Wetlands directly abutting an RPW where tributaries typically flow “seasonally.” Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: **1.63** acres.

5. **Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**

- Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

6. **Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.**

- Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

7. **Impoundments of jurisdictional waters.⁹**

As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.

- Demonstrate that impoundment was created from “waters of the U.S.,” or
 Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
 Demonstrate that water is isolated with a nexus to commerce (see E below).

E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):¹⁰

- which are or could be used by interstate or foreign travelers for recreational or other purposes.
 from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.

⁸See Footnote # 3.

⁹ To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

¹⁰ **Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.**

- which are or could be used for industrial purposes by industries in interstate commerce.
- Interstate isolated waters. Explain: .
- Other factors. Explain: .

Identify water body and summarize rationale supporting determination: .

Provide estimates for jurisdictional waters in the review area (check all that apply):

- Tributary waters: linear feet width (ft).
- Other non-wetland waters: acres.
Identify type(s) of waters: .
- Wetlands: acres.

F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):

- If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
 - Prior to the Jan 2001 Supreme Court decision in “SWANCC,” the review area would have been regulated based solely on the “Migratory Bird Rule” (MBR).
- Waters do not meet the “Significant Nexus” standard, where such a finding is required for jurisdiction. Explain: .
- Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the “Significant Nexus” standard, where such a finding is required for jurisdiction (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

SECTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Wetland Delineation Report, prepared by Earth Source, Inc., 6-10-2021, revised 7-8-2021.
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 - Office concurs with data sheets/delineation report.
 - Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps: .
- Corps navigable waters’ study: .
- U.S. Geological Survey Hydrologic Atlas: .
 - USGS NHD data.
 - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: 1:24K Hometown (IN).
- USDA Natural Resources Conservation Service Soil Survey. Citation: Web Soil Survey, Allen County - Indiana.
- National wetlands inventory map(s). Cite name: Online Wetlands Mapper.
- State/Local wetland inventory map(s): .
- FEMA/FIRM maps: .
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): Google Earth and from Consultant.
or Other (Name & Date): .
- Previous determination(s). File no. and date of response letter: .
- Applicable/supporting case law: .
- Applicable/supporting scientific literature: .
- Other information (please specify): .

B. ADDITIONAL COMMENTS TO SUPPORT JD: .

APPENDIX B

IDNR – NATURAL HERITAGE DATA



Division of Nature Preserves
402 W. Washington St., Rm W267
Indianapolis, IN 46204-2739

November 16, 2023

Ashlee Nichter
Earth Source, Inc.
14921 Hand Road
Fort Wayne, IN 46818

Dear Ashlee Nichter:

I am responding to your request for information on the threatened or endangered (T&E) species, high quality natural communities, and natural areas for the Northeastern REMC Proposed Hathaway Road Substation Project located within Allen County, Indiana. The Indiana Natural Heritage Data Center has been checked and there are no T&E species or significant areas documented within 0.5 mile of the project area.

If you need a general environmental review of the project from DNR, you can submit the project information (description, location map, and copy of this letter) to the DNR Division of Fish and Wildlife Environmental Coordinator, at environmentalreview@dnr.in.gov (preferred), or send to the street address below.

Department of Natural Resources
Environmental Review
Division of Fish and Wildlife
402 W. Washington Street, Room W273
Indianapolis, IN 46204

The information I am providing does not preclude the requirement for further consultation with the U.S. Fish and Wildlife Service as required under Section 7 of the Endangered Species Act of 1973. If you have concerns about potential Endangered Species Act issues you should contact the Service at their Bloomington, Indiana office.

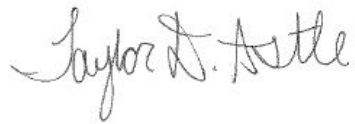
U.S. Fish and Wildlife Service
620 South Walker Street
Bloomington, Indiana 47403-2121
(812)334-4261

Please note that the Indiana Natural Heritage Data Center relies on the observations of many individuals for our data. In most cases, the information is not the result of comprehensive field surveys conducted at particular sites. Therefore, our statement that there are no documented significant natural features at a site should not be interpreted to mean that the site does not support special plants or animals.

Due to the dynamic nature and sensitivity of the data, this information should not be used for any project other than that for which it was originally intended. It may be necessary for you to request updated material from us in order to base your planning decisions on the most current information.

Thank you for contacting the Indiana Natural Heritage Data Center. You may reach me at (317)233-2558 you have any questions or need additional information.

Sincerely,

A handwritten signature in cursive script that reads "Taylor D. Astle".

Taylor Davis Astle
Indiana Natural Heritage Data Center

Enclosure: Invoice

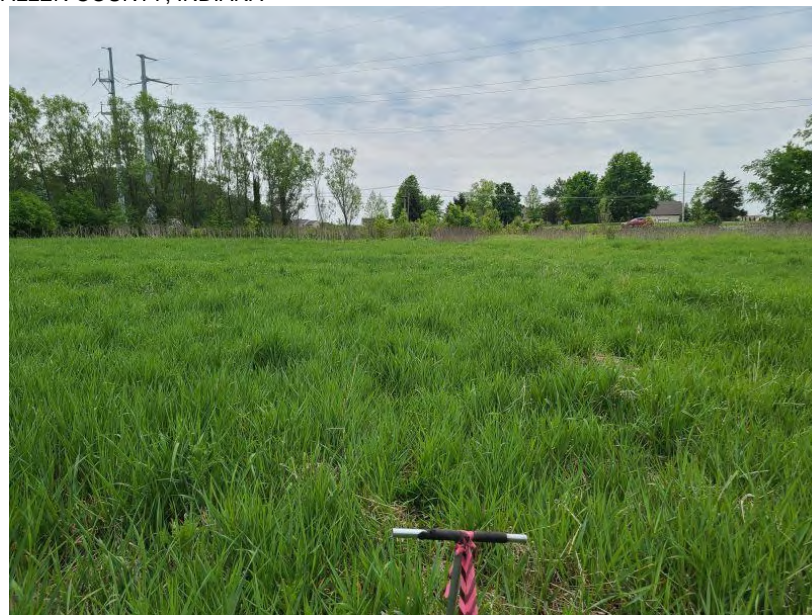
APPENDIX C

SITE PHOTOGRAPHS

APPENDIX C
HATHAWAY ROAD SUBSTATION; ALLEN COUNTY, INDIANA



1. View south of Section I at data point T1P4. 6/1/2021.



2. View south of Section I at data point T2P2. 6/1/2021.



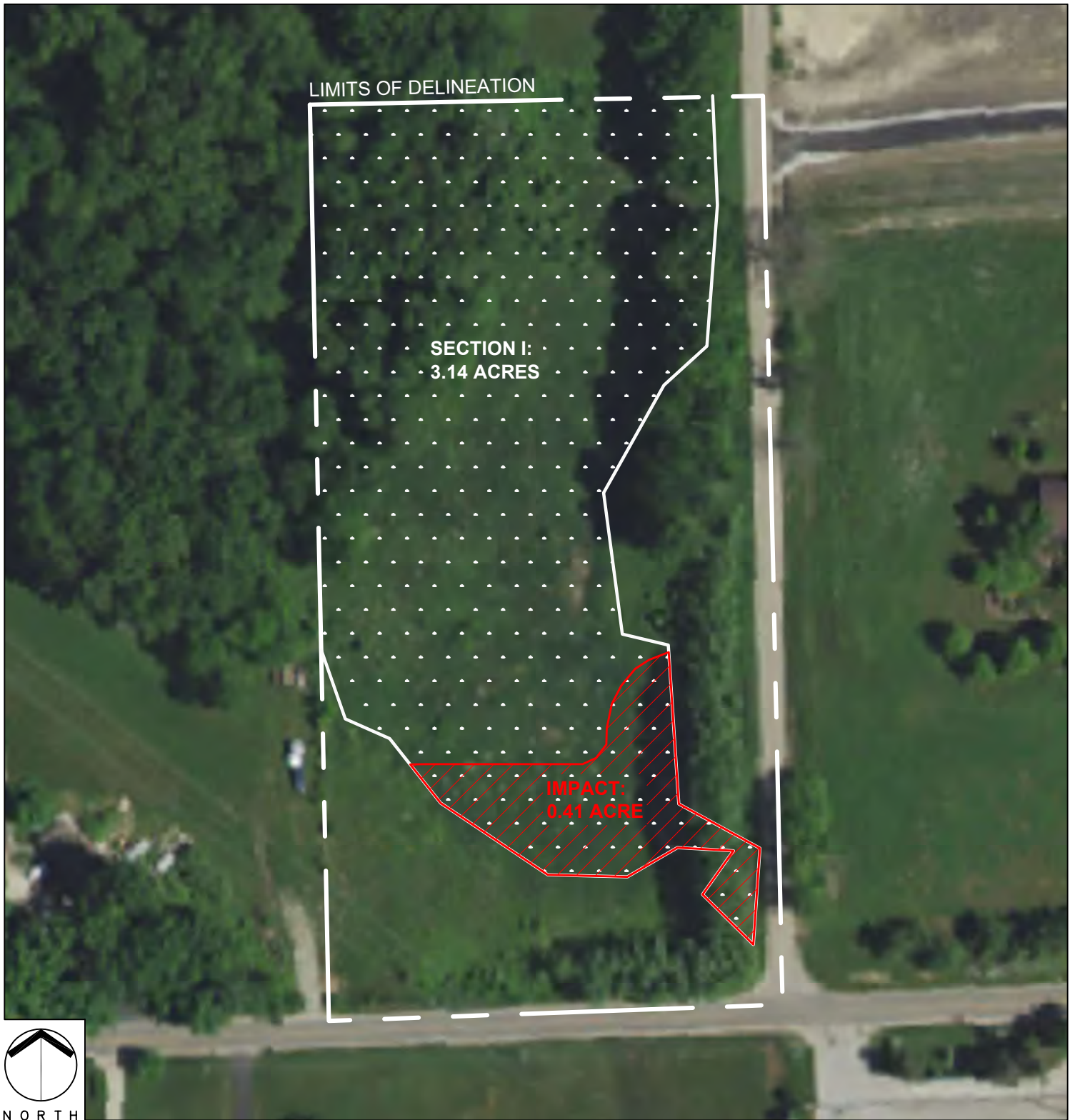
3. View north of Section I at data point T2P2. 6/1/2021.



4. View north of Section I at data point T3P2. 6/1/2021.


PERMIT GRAPHICS

REGIONAL LOCATION MAP	H1
PROJECT LOCATION MAP	H2
NATIONAL WETLANDS INVENTORY MAP	H3
ALLEN COUNTY SOIL SURVEY MAP	H4
WETLAND DELINEATION MAP	H5
WETLAND IMPACT MAP	H6



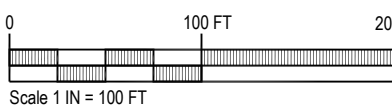
Project Name:
HATHAWAY ROAD SUBSTATION

Agent:



Earth-Source Inc
14921 Hand Road, Fort Wayne, IN 46818
(260) 489-8511 Fax (260) 489-8607

WETLAND IMPACT MAP

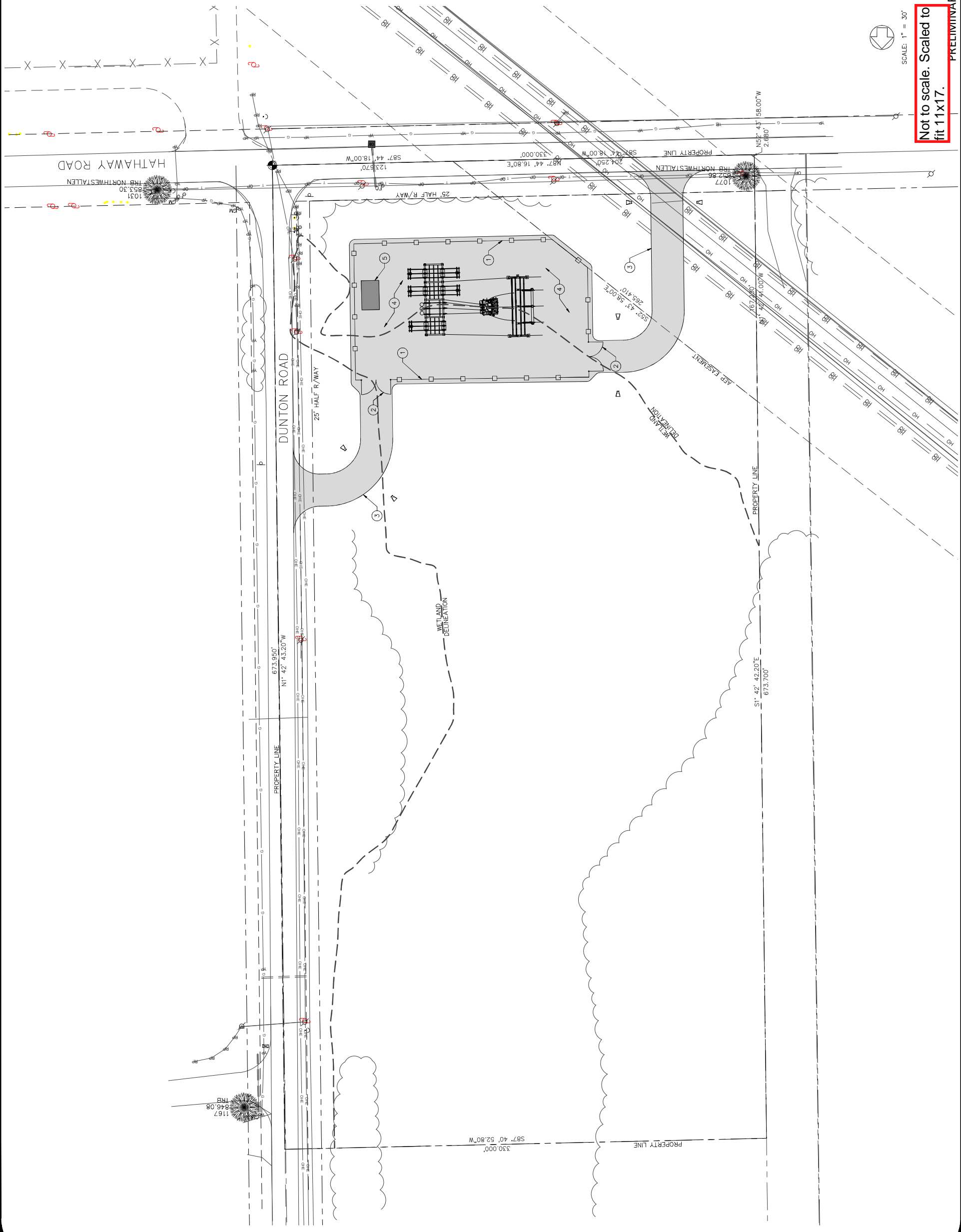


Applicant:
NORTHEASTERN REMC
4901 E PARK 30
COLUMBIA CITY, INDIANA 46725

State: INDIANA		County: ALLEN	
Township Name: PERRY			
Township: T32N	Range: R12E	Section: SEC 20	
Quadrangle: HUNTERTOWN (IN)			
Latitude/Longitude (WGS 84): 41.207421°, -85.153110°			
Revised Date: 8-12-2024		Attachment: H6	

CONSTRUCTION GRAPHICS

SITE PLAN	C100
ENLARGED SITE PLAN	C101
GRADING PLAN	C200
ENLARGED GRADING PLAN	C201
SITE SECTIONS	C202
ESCP	C300
SITE DETAILS	C400



LEGEND

---	PROPERTY LINE
- - -	CHAIN LINK FENCE
- X -	EXISTING FENCE
○	UTILITY POLE
●	GUY WIRE ANCHOR
⊕	BENCHMARK

GENERAL NOTES

1. ALL DIMENSIONS MEASURED FROM FACE OF CURB UNLESS OTHERWISE NOTED.
2. ALL WORK WITHIN THE R/WAY SHALL COMPLY WITH THE CITY OF FORT WAYNE AND ALLEN COUNTY DPW STANDARDS.
3. ALL EASEMENTS AND EASEMENTS ARE TO BE SHOWN FOR REFERENCE ONLY. REFER TO RECORDED SURVEYS, PLATS AND OTHER OFFICIAL RECORDS DESCRIBING THE PROPERTY BOUNDARY FOR EASEMENT INFORMATION.
4. THIS SITE PLAN IS FOR THE PURPOSE OF OBTAINING BUILDING PERMITS. THE INFORMATION SHOWN DOES NOT REPRESENT A RE-TRACEMENT SURVEY, BOUNDARY SURVEY, ROUTE SURVEY, OR PLAT SURVEY. THIS SITE PLAN IS NOT TO BE USED FOR ESTABLISHING LEGAL PROPERTY LIMITS OR LINES.

- SITE PLAN KEYNOTES**
1. 6" CHAIN LINK FENCE WITH BARBED WIRE
 2. DOUBLE SWING GATE TOTAL WIDTH = 20'-0" WITH LOCKABLE HARDWARE
 3. STONE PAVED DRIVE RIGHT-OF-WAY PERMIT REQUIRED. VERIFY APPLICON CONSTRUCTION WITH GOVERNING AGENCY.
 4. STONE PAVEMENT THROUGHOUT YARD AREA WITHIN FENCED AREA
 5. CONTROL BUILDING

No.	Revision/Issue	Date
B	WETLAND DELINEATION	6/3/2024
B	OWNER REVIEW	5/13/2024
A	OWNER REVIEW	11/7/2024

Firm Name and Address
 WILSON ENGINEERS, INC.
 1122 LOMA COURT
 FISHERS, IN 46038
 317-449-0033
CONTACT: ANDY CASH
 317-490-4636
 wccash71@gmail.com

Project Name and Address
 NEREM CORP SUBSTATION
 HATHAWAY RD & DUNTON RD
 FORT WAYNE, IN 46845
 PERRY TWN - ALLEN CO

Sheet Title	SITE PLAN	Sheet	C100
Date	6/3/2024	Scale	As Noted



SCALE: 1" = 30'

Not to scale. Scaled to fit 11x17.

PRELIMINARY - NOT FOR CONSTRUCTION

BLANKET INSTALLATION NOTES

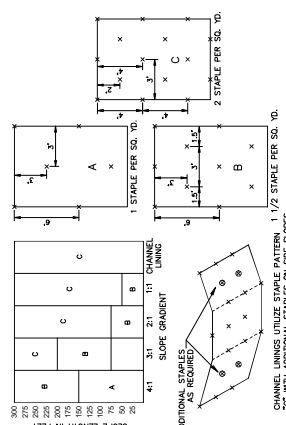
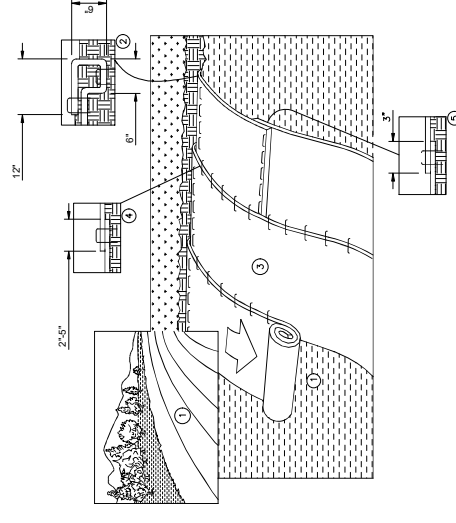
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP'S), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP X 6" WIDE TRENCH. ANCHOR THE RECP'S WITH ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING PORTION OF RECP'S OVER SEED. STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
3. ROLL THE RECP'S (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP'S WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP'S MUST BE STAPLED TO THE SOIL SURFACE. STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN. WHEN USING THE DOT SYSTEM STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON RECP'S TYPE.
5. CONSECUTIVE RECP'S SPliced DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA. STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN. WHEN USING THE DOT SYSTEM STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN. WHEN USING THE DOT SYSTEM STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.

GENERAL STAPLE RECOMMENDATIONS
STAPLE PATTERNS APPLY TO ALL NORTH AMERICAN GREEN EROSION CONTROL BLANKETS.
STAPLE PATTERNS MAY VARY DEPENDING UPON SOIL TYPE AND AVERAGE ANNUAL RAINFALL.

AT SLOPE LENGTHS GREATER THAN 300 FEET OR WHERE DRAINAGE OVER LARGE AREAS IS DIRECTED ONTO THE BLANKETS, STAPLE PATTERN "C" SHOULD BE UTILIZED.

CHANNEL LININGS REQUIRED A 2.0' MINIMUM OVERLAP AT LONGITUDINAL JOINTS. SIDESLOPES SHALL REQUIRE A 6" MINIMUM OVERLAP. WHERE OVERLAPS OCCUR, THE UPSTREAM BLANKET SHALL OVERLAP THE DOWNSTREAM.

IF OTHER THAN NORTH AMERICAN GREEN EROSION CONTROL BLANKETS ARE INSTALLED FOLLOW THE INSTALLATION DIRECTIONS RECOMMENDED BY THAT PRODUCTS COMPANY.

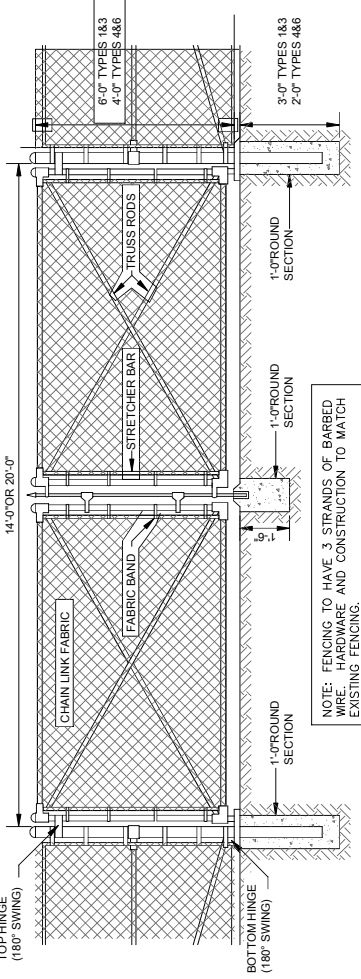


EROSION CONTROL BLANKET

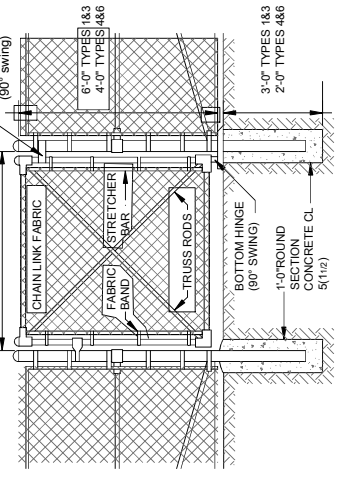
NO SCALE

ESCP GENERAL NOTES

1. ALL PROPOSED EROSION AND SEDIMENT CONTROL SHALL BE IN CONFORMANCE WITH DISCREPANCIES BETWEEN THE PLANS AND THE MANUAL SHALL NOT ALLEVIATE THE CONTRACTOR FROM ADHERING TO THE REQUIREMENTS SET FORTH IN THE MANUAL OR OTHER WRITTEN REGULATIONS.
 2. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED BY STATE OR COUNTY INSPECTOR.
 3. DISTURBED AREAS INACTIVE FOR OVER 14 DAYS REQUIRE TEMPORARY EROSION CONTROLS BE APPLIED WITHIN 2 DAYS.
 4. SEDIMENT BASINS, ALONG WITH OTHER SEDIMENT-CONTROL PRACTICES, MUST BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND MUST BE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WITH THE OWNER DURING BIDDING AND DURING CONSTRUCTION ACTIVITIES ALL ITEMS TO BE REMOVED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ANY MATERIALS AND/OR STRUCTURES NOT IDENTIFIED ON THIS SURVEY FOR THE INSTALLATION OF THE NEW WORK.
 6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING UTILITIES, AND ALL UTILITIES NOT REMOVED BY THE UTILITY COMPANY SHALL BE REMOVED BY THE CONTRACTOR.
 7. UTILITIES ARE SHOWN TO BE APPROXIMATE AND SHALL BE RELOCATED AND/OR CAPPED AND ABANDONED BEFORE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
 8. ALL DEMOLITION MATERIAL AND SALVAGEABLE MATERIAL IS THE PROPERTY OF THE DEMOLITION CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF THE SITE.
 9. ALL UTILITIES MUST REMAIN ACTIVE FOR SURROUNDING PROPERTIES. NO UTILITY SERVICE SHALL BE INTERRUPTED DURING THE CONSTRUCTION PROCESS WITHOUT PROPER NOTIFICATION.
- GENERAL SITE MAINTENANCE DURING CONSTRUCTION**
1. ESTABLISH VEGETATIVE COVER AND FERTILIZE AS NECESSARY TO MAINTAIN A VIGOROUS COVER IN AND AROUND THE PROJECT SITE.
 2. REMOVE UNDESIRABLE VEGETATION PERIODICALLY TO PREVENT GROWTH OF TREES AND SHRUBS WITHIN THE PROJECT SITE.
 3. PROMPTLY REPAIR ERODED AREAS. REESTABLISH VEGETATIVE COVER IMMEDIATELY WHERE SCOUR EROSION HAS REMOVED ESTABLISHED SEEDING.
 4. PROMPTLY REMOVE ANY BURROWING RODENTS THAT MAY INVADE AREAS OF EXCAVATION AND/OR EMBANKMENT.
 5. REMOVE TRASH AND DEBRIS THAT MAY BLOCK THE SEDIMENT BASIN OUTLET.
 6. REMOVE SEDIMENT FROM BASIN WHEN IT FILLS TO A DEPTH OF 12".
 7. CHECK OUTLET AND POINTS OF INFLOW TO ENSURE DRAINAGE IS NOT CAUSING EROSION AND THAT OUTLETS ARE NOT CLOGGED. REPLACE DISPLACED FILTER STONE AND RIPRAP IMMEDIATELY.



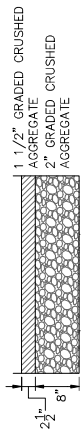
NOTE: FENCING TO HAVE 3 STRANDS OF BARBED WIRE HARDWARE AND CONSTRUCTION TO MATCH EXISTING FENCING.



- NOTES:**
1. FENCE FABRIC SHALL BE SECURED TO GATE FRAMES WITH KNUCKLED SELVAGE ALONG TOP EDGE FOR THESE CHAIN LINK FENCE INSTALLATIONS
 2. MINIMUM CHAIN LINK FENCE LENGTH: TYPES 1&3 8'-0" TYPES 4&6 5'-0"
 3. CONCRETE OR GROUT AROUND POST AT GROUND LINE SHALL BE MOUNDED FOR DRAINAGE

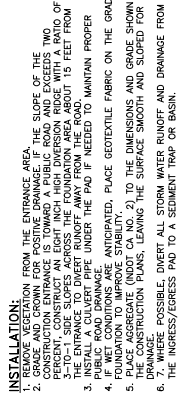
CHAIN LINK FENCING

NOT TO SCALE



STONE PAVEMENT

SCALE: 3/4" = 1'-0"



- INSTALLATION:**
1. GRADE AND CROWN FOR POSITIVE DRAINAGE IF THE SLOPE OF THE TWO PERCENT. CONSTRUCT AN EIGHT INCH HIGH DIVERSION RIDGE WITH A RATIO OF 1:1. THE ENTRANCE TO DRAINAGE SHALL BE 15 FEET FROM THE ENTRANCE TO DRAINAGE AWAY FROM THE ROAD.
 2. INSTALL A CULTIVATOR PIPE UNDER THE PAD IF NEEDED TO MAINTAIN PROPER FOUNDATION TO IMPROVE STABILITY.
 3. TO THE DIMENSIONS AND GRADE SHOWN IN THE CONSTRUCTION PLANS, LEAVING THE SURFACE SMOOTH AND SLOPED FOR DRAINAGE.
 4. WHERE POSSIBLE, DIVERT ALL STORM WATER RUNOFF AND DRAINAGE FROM THE INGRESS/EGRESS PAD TO A SEDIMENT TRAP OR BASIN.
- MAINTENANCE:**
- INSPECT DAILY.
 - REMOVE MULCH AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
 - TOP DRES WITH CLEAN AGGREGATE AS NEEDED.
 - IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC FLUSHING SHOULD ONLY BE USED IF THE WATER CAN BE CONVEYED INTO A SEDIMENT TRAP OR BASIN.

CONSTRUCTION ENTRANCE

NOT TO SCALE

STONE CHECK DAM

NOT TO SCALE

Sheet Title	SITE DETAILS	Sheet	C400
Date	6/3/2024	Scale	As Noted

Project Name and Address
 NEREM CORP SUBSTATION
 HATHAWAY RD & DUNTON RD
 FORT WAYNE, IN 46845
 PERRY TWIN - ALLEN CO

Firm Name and Address
 WOODS BROS. CO.
 1112 LOMA COURT
 FISHERS, IN 46038
 317-449-0033
 CONTACT: ANDY CASH
 317-490-4036
 wocash71@gmail.com

No.	Revision/Issue	Date
B	WETLAND DELINEATION	0/9/2024
B	OWNER REVIEW	5/13/2024
A	OWNER REVIEW	11/7/2024

Copyright © 2024, by **Earth Source Inc.**
All rights reserved.

**LAND PLANNING - LANDSCAPE ARCHITECTURE
CONSTRUCTED WETLANDS - WATERSHED ANALYSIS - HABITAT DESIGN
WETLAND DELINEATION, MITIGATION AND MONITORING
SECTION 10, 401 AND 404 PERMITTING**

14921 Hand Road, Ft. Wayne, IN 46818
(260) 489-8511 EM: office@earthsourceinc.net