Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
August 29, 2024

Closing Date:
September 28, 2024

PUBLIC NOTICE

IDEM ID Number:
2024-607-2-EJW-IWIP

Corps of Engineers ID Number:
Not Applicable

To all interested parties: This letter shall serve as a formal notice of the receipt of an application for a **State Isolated Wetland Individual Permit** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for permits required under IC 13-18-22 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 and all applicable provisions of IC 13-18-22.

1. Applicant:
Midhat Omerovic
Universal Education Foundation of Fort Wayne
2223 Goshen Road
Fort Wayne, IN 46808

2. Agent:
Eric Ellingson
Earth Source, Inc.

14921 Hand Road
Fort Wayne, IN 46818

3. Project location: Latitude: 41.107993 Longitude: -85.170572
Approximately 0.9 miles Northwest of Goshen Rd and Butler Rd intersection in Fort Wayne.

4. Affected waterbody: Class 2, Unforested Isolated Wetland Section I

5. Project Description: The applicant proposes to expand the current facility. Additional parking area, improved driveways, addition to the existing building, and a detention basin are proposed. To construct the detention basin and east drive, 0.94 acres of class 2, unforested wetland will be impacted. To compensate for wetland impacts, the applicant proposes to purchase wetland credits at a 1:1 ratio from The Openings Wetland Mitigation Bank Phase II in Allen County.

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 state isolated wetland permit 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, at 317-671-6698 or by email 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. Evan White
Wetlands and Stormwater Section, Office of Water Quality
100 North Senate Avenue, Room 1255
Indianapolis Indiana 46204

July 30, 2024

re: **TRANSMITTAL**
Isolated Wetland Individual Permit
UEF-DarusSalam Masjid
Allen County, Indiana

Dear Mr. White:

Please find enclosed an Isolated Wetland Individual Permit for UEF-DarusSalam Masjid located in Section 27 of Washington Township (Township 31 North, Range 12 East) of Allen County, Indiana. The Universal Education Foundation of Fort Wayne is proposing a to expand the current facility to meet the growing community demand for additional space. The applicant is proposing an addition to the existing building, additional parking area, improved driveways and a detention basin to meet stormwater needs. The applicant proposes to excavated 995 cubic yards of original soil and place 1,520 cubic yards of clean dirt material below wetland grade of 0.94 acres of Class II, isolated non-forested wetland. To mitigate the impact, the applicant proposes to purchase 0.94 mitigation credits (1:1) from the Opening Wetland Mitigation Bank.

The community foundation has requested notification prior to on-site field visits. Please contact ***Earth Source*** Inc. for scheduling.

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

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 Universal Education Foundation of Fort Wayne	Name of Agent Earth Source, Inc.
Mailing address *(Street/ PO Box/ Rural Route, City, State, ZIP Code)* 2223 Goshen Road Fort Wayne, Indiana 46808	Mailing address *(Street/ PO Box/ Rural Route, City, State, ZIP Code)* 14921 Hand Road Fort Wayne, Indiana 46818
Daytime Telephone Number 260-515-1139	Daytime Telephone Number 260-489-8511
Fax Number	Fax Number 260-489-8607
E-mail address *(optional)* midhat.uef@yahoo.com	E-mail address *(optional)* eric@earthsourceinc.net
Contact person *(required)* Midhat Omerovic	Contact person Eric P. Ellingson

3. Project / Tract Location

County Allen		Nearest city or town Fort Wayne	
U.S.G.S. Quadrangle map name *(Topographic map)* Fort Wayne West		Project street address *(if applicable)* 2223 Goshen Road Fort Wayne, Indiana 46808	
Quarter	Section 27	Township T31N	Range R12E
Type of aquatic resource(s) to be impacted *(Attach Worksheet One.)* Class II, non-forested wetland		Project name or title *(if applicable)* UEF-DarusSalam Masjid	

Other location descriptions or driving directions

From Indianapolis, take I-69 North. Take exit 309A for Goshen Road. Take Goshen Road for 1 mile. The community center is located on the right hand side of the road. Please notify the applicant prior to conducting any site visit.

4. Project Purpose and Description (*Use additional sheet(s) if required.*)

Has any construction been started? ☑ Yes ☐ No	Anticipated start date *(month, day, year)* As Soon As Possible

If yes, how much work is completed?

The vegetation was cleared, but work stopped upon discovery of wetland flags

Purpose of project and overview of activities

The Universal Education Foundation of Fort Wayne is proposing to expand the current facility to meet the growing community demand for additional space. The applicant is proposing an addition to the existing building, additional parking area, improved driveways and a detention basin to meet stormwater needs.

To construct the detention basin, approximately 955 cubic yards of original soil will be excavated from the existing wetland on-site. To build the east drive as well as grading for the detention basin, approximately 1,520 cubic yards of clean dirt material will be placed within the wetland.

To mitigate for the 0.94 acres wetland impact, the applicant proposes to purchase 0.94 acres (1:1 ratio) of mitigation credit from the Openings Wetland Mitigation Bank.

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?
   Due to the small lot size the only possibility for the facility to expand is southwest toward the existing parking lot and southeast toward the wetland. Expanding is both directions is necessary to fill community needs. The applicant has focused the design for the hard structures/fill, such as the parking lot and building expansion, to be located outside of the wetland area. The detention basin cannot be moved as the only other area for detention is located in the southwest corner, which is unsuitable as it is located at too high an elevation to fit stormwater requirements.

2. Is the proposed activity reasonably necessary or appropriate?
   There is an increasing demand for a larger community center. In addition to the center, the existing parking lot is insufficient to meet current needs and the entrance and exit only driveways make it difficult for internal traffic when trying to find a parking space. Currently the community is parking in the gravel and gravel adjacent to the current parking lot during times of high traffic. During periods of poor or inclement weather, this poses a safety hazard.

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?
   Not Applicable

2. Have practicable and appropriate steps to minimize impacts to water resources been taken?
   Not Applicable

Describe all compensatory mitigation required for unavoidable impacts.
To mitigate for the impacts to 0.94 acres of isolated, Class II, non-forest wetland, the applicant proposes to purchase 0.94 acres (1:1 ratio) of wetland credit for the Openings Wetland Mitigation Bank. The Openings Wetland Mitigation Bank has certified credits available and are eligible for a 1:1 mitigation ratio under IC-13-18-22-6(b). Mitigation credits will be purchased prior to impacts, or within one year of the permit issuance, whichever comes first.

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.

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	Address *(number and street)*	City	State	ZIP Code
St Matthews EvangelicalLutheran Church	2305 Goshen Rd	Fort Wayne	IN	46808
Robert Carr	3415 Butler Ct	Fort Wayne	IN	46808
Morningstar Equity LLC	Morningstar Equity LLC	Fort Wayne	IN	46805
INDIANA MICHIGAN POWER COMPANY	PO BOX 60	Fort Wayne	IN	46801
Otis R Bowen Center For Human Services	850 N Harrison St PO Box 497	Warsaw	IN	46581
Norfolk Southern Railway Company	650 W Peachtree St NW	Atlanta	GA	30308
Hamilton AId Propco LLCc/o Aid Holdings LLC	301 Commerce St Ste 300	Fort Worth	TX	76102
MURRAY EQUIPMENT INC	2515 CHARLESTON PL	Fort Wayne	IN	46808
Marilyn Brenner	3433 Butler Ct	Fort Wayne	IN	46808
Cathedral of Praise Ministries &Church International of Fort Wayne Inc	3501 Harris Rd	Fort Wayne	IN	46808
Jacob Mazurek	3423 Butler Ct	Fort Wayne	IN	46808
Centennial Industrial Park Assoc Inc c/o Bradley Co	111 E Ludwig Rd Ste 101	Fort Wayne	IN	46825

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:  Date: 7/29/2024
(mm/dd/yyyy)

Print Name: Midhat Omerovic Title: President

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**
☐ EM ☐ SS ☐ FO	Not Applicable.	☐ Yes ☐ No			
☐ EM ☐ SS ☐ FO		☐ Yes ☐ No			
☐ EM ☐ SS ☐ FO		☐ Yes ☐ No			
☐ EM ☐ SS ☐ FO		☐ Yes ☐ No			
☐ EM ☐ SS ☐ FO		☐ Yes ☐ No			
☐ EM ☐ SS ☐ FO		☐ Yes ☐ No			
☐ EM ☐ SS ☐ FO		☐ Yes ☐ No			

Describe the type and composition of fill material to be placed in wetlands on the project site:

Describe the type and composition and quantity *(cubic yards)* of material proposed to be dredged or excavated from wetlands on the project site:

B. Isolated Wetlands (Existing Conditions)			Isolated Wetlands (Proposed Impacts)			
Wetland Class	**Type**	**Size of wetland *(acreage)***	**To be Impacted?**	**Acreage**	**Fill quantity *(cys)***	**ATF**
☐ 1 ☑ 2 ☐ 3	☑ NF ☐ F	0.94 acres	☑ Yes ☐ No	0.94	1,520	
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			

Describe the type and composition of fill material to be placed in isolated 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 isolated wetlands on the project site:
995 cubic yards of original soil will be excavated from the wetland.

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 *(cubic yards)* of bank protection fill placed below the Ordinary High Water Mark per running foot Not Applicable
Area *(square feet)* 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 *(linear feet)* Not Applicable	
Length of new channel to be constructed *(linear feet)* Not Applicable	
Existing channel to be backfilled? ☐ Yes ☐ No	Type of relocation ☐ Piping ☐ Open ☐ Channel ☐ Other:____
Type of fill and volume *(cubic yards)* Not Applicable	

F. Open Water Fill
Water body name Not Applicable
Description of impacts Not Applicable
Area of water body to be filled *(acres)* Not Applicable
Type of fill and volume *(cubic yards)* 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 oroutcome 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 ofthe mitigation plan must be provided, including: the location of the mitigation site, the size and type of mitigation to be performed, the construction sequence ortiming 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:

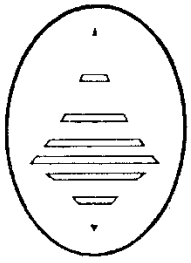
ISOLATED WETLAND INDIVIDUAL PERMIT

UEF-DARUSSALAM MASJID

Prepared for:

UNIVERSAL EDUCATION FOUNDATION
OF FORT WAYNE
2223 GOSHEN ROAD
FORT WAYNE, INDIANA 46808

Prepared by:



Earth·Source Inc

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

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1.0 EXECUTIVE SUMMARY

The Universal Education Foundation of Fort Wayne is proposing to expand the current facility to meet the growing community demand for additional space. The applicant is proposing an addition to the existing building, additional parking area, improved driveways and a detention basin to meet stormwater needs. The 7-acre project site is located in Section 27 of Washington Township (Township 31 North, Range 12 East) of Allen County, Indiana (Latitude: 41.108541°, Longitude: -85.171532°). The applicant is requesting an Isolated Wetland Individual Permit (IWIP) for the regulated impact to 0.94 acres of isolated, Class II, non-forested wetland for the construction of a detention basin and driveway. To mitigate for the 0.94 acres wetland impact, the applicant proposes to purchase 0.94 acres (1:1 ratio) of mitigation credit from the Openings Wetland Mitigation Bank.

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

2.0 PROJECT INFORMATION

2.1 Applicant Information.

Applicant

Mr. Midhat Omerovic
Universal Education Foundation of Fort Wayne
2223 Goshen Road
Fort Wayne, Indiana 46808

voice (260) 515-1139

Agent

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

voice (260) 489-8511

2.2 Project Summary.

The Universal Education Foundation of Fort Wayne is proposing to expand the current facility to meet the growing community demand for additional space. The applicant is proposing an addition to the existing building, additional parking area, improved driveways and a detention basin to meet stormwater needs. The 7-acre project site is located in Section 27 of Washington Township (Township 31 North, Range 12 East) of Allen County, Indiana (Latitude: 41.108541°, Longitude: -85.171532°). The applicant is requesting an Isolated Wetland Individual Permit (IWIP) for the regulated impact to 0.94 acres of isolated, Class II, non-forested wetland for the construction of a detention basin and driveway. To mitigate for the 0.94 acres wetland impact, the applicant proposes to purchase 0.94 acres (1:1 ratio) of mitigation credit from the Openings Wetland Mitigation Bank.

3.0 AVOIDANCE, MINIMIZATION & MITIGATION

There is an increasing demand for a larger community center. In addition to the center, the existing parking lot is insufficient to meet current needs and the entrance and exit only driveways make it difficult for internal traffic when trying to find a parking space. Currently the community is parking in the gravel and gravel adjacent to the current parking lot during times of high traffic. During periods of poor or inclement weather, this poses a safety hazard.

Due to the small lot size the only possibility for the facility to expand is southwest toward the existing parking lot and southeast toward the wetland. Expanding is both directions is necessary to fill community needs. The applicant has focused the design for the hard structures, such as the parking lot and building expansion, to be located outside of the wetland area. The detention basin cannot be moved as the only other area for detention is located in the southwest corner, which is unsuitable as it is located at too high an elevation to fit stormwater requirements.

To mitigate for the impacts to 0.94 acres of isolated, Class II, non-forest wetland, the applicant proposes to purchase 0.94 acres (1:1 ratio) of wetland credit for the Openings Wetland Mitigation Bank. The Openings Wetland Mitigation Bank has certified credits available and are eligible for a 1:1 mitigation ratio under IC-13-18-22-6(b). Mitigation credits will be purchased prior to impacts, or within one year of the permit issuance, whichever comes first.

4.0 REGULATED IMPACT SUMMARY

4.1 Section I (reference attachments C4.2 & C8.7a)

Type of development:	Commercial
Total area of wetland:	0.94 acre
Total area of regulated impact:	0.94 acre
Total proposed fill:	1,520 cubic yards

To construct the detention basin, approximately 955 cubic yards of original soil will be excavated from the existing wetland on-site. To build the east drive as well as grading for the detention basin, approximately 1,520 cubic yards of clean dirt material will be placed within the wetland.

As the existing wetland originates off-site and north discharges on-site. The detention basin area was designed to maintain original grade at the property line to allow the off-site wetland to discharge to the detention basin without impoundment.

5.0 STATE ENDANGERED SPECIES AVOIDANCE & RELOCATION PLAN

According to correspondence with Taylor Davis Astle from the Indiana Natural Heritage Data Center on July 30, 2024, three (3) state endangered species were identified within 0.50-mile radius of the project site, specifically Franke Park. More specifically, the state endangered Blanding's turtle (*Emydoidea blandingii*), Cerulean Warbler (*Setophaga cerulea*) and Golden-winged Warbler (*Vermivora chrysoptera*) has been documented within a ½ mile of the project area.

To minimize impacts to the Blanding's Turtle, silt fence has been installed around the work area, including through the wetland area where impacts are expected to occur. After the silt fence has been installed, the wetland area will be visually inspected for spotted turtles on a weekly basis during the construction. Any reptiles and amphibians encountered in the project area will be removed, unharmed, and immediately placed outside the construction area.

The Cerulean Warbler breeding season is April to July and the Golden-winged Warbler breeding season is May to June, which is outside the construction timeframe for the project's wetland impacts.

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

APPENDIX A

AGENCY CORRESPONDENCE

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT, MICHIANA SECTION
2422 VIRIDIAN DRIVE SUITE #200
SOUTH BEND, INDIANA 46628-3561

July 09, 2024

Regulatory Branch
File No. LRE-2024-00301-102-J24

Midhat Omerovic
Universal Education Foundation of Fort Wayne
2223 Goshen Road
Fort Wayne, Indiana 46808

Dear Midhat Omerovic,

This letter is in response to the *Wetland Delineation Report – UEF-Darussalam Masjid State Road 3*, dated May 21, 2024, submitted on your behalf by Earth Source, Inc., regarding the Corps of Engineers' (Corps) jurisdiction on property at 2223 Goshen Road, in Fort Wayne, Indiana (Latitude 41.10829 and Longitude -85.171624, Allen County). We recently inspected the property and determined that the wetland labeled *Section I* within the Review Area, and depicted on the enclosed figure, falls into a category of non-jurisdictional wetlands, waters, and/or features that are not under the regulatory authority of the Corps of Engineers.

This determination only addresses the wetlands, waters, and/or features within the identified Review Area. There may be other aquatic resources outside of the Review Area that fall under the Corps' regulatory jurisdiction. Although a Department of the Army permit may not be required for work in the wetland identified above, this determination does not relieve you of the responsibility to comply with applicable state law. We urge you to contact the Indiana Department of Environmental Management (IDEM) at (317) 233-8488 to determine the applicability of state law to your project. A copy of this letter is being forwarded on to the IDEM for its files.

Attached to this letter is an approved jurisdictional determination (AJD). If you are not in agreement with the AJD, you can make an administrative appeal under 33 CFR 331. We have enclosed a Notification of Administrative Appeals Options and Process and Request for Appeal form describing all your appeals options regarding this AJD. If you accept the AJD, you do not need to sign and submit the appeals form. If you intend to appeal this determination, you must submit a completed RFA form to the Corps' Great Lakes and Ohio River Division (Division) office, preferably via E-Mail at katherine.a.mccafferty@usace.army.mil, or to the following address:

Katherine A. McCafferty
Regulatory Administrative Appeals Officer
U.S. Army Corps of Engineers,
Great Lakes and Ohio River Division
550 Main Street, Room 10780
Cincinnati, Ohio 45202-3222

For an RFA to be accepted we 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 on the NAP sheet. If you decide to submit an RFA form, it must be received at the above address by September 07, 2024. Please do not submit an RFA form to the Division office if you do not object to the decision in this letter. You may contact the Appeals Review Officer at (513) 684-2699 and/or send a facsimile at (513) 684-2460.

This jurisdictional 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 Scott.C.Girardi@usace.army.mil, or by telephone at (574) 232-1952 ext. 21968. In all communications, please refer to File Number LRE-2024-00301-102-J24.

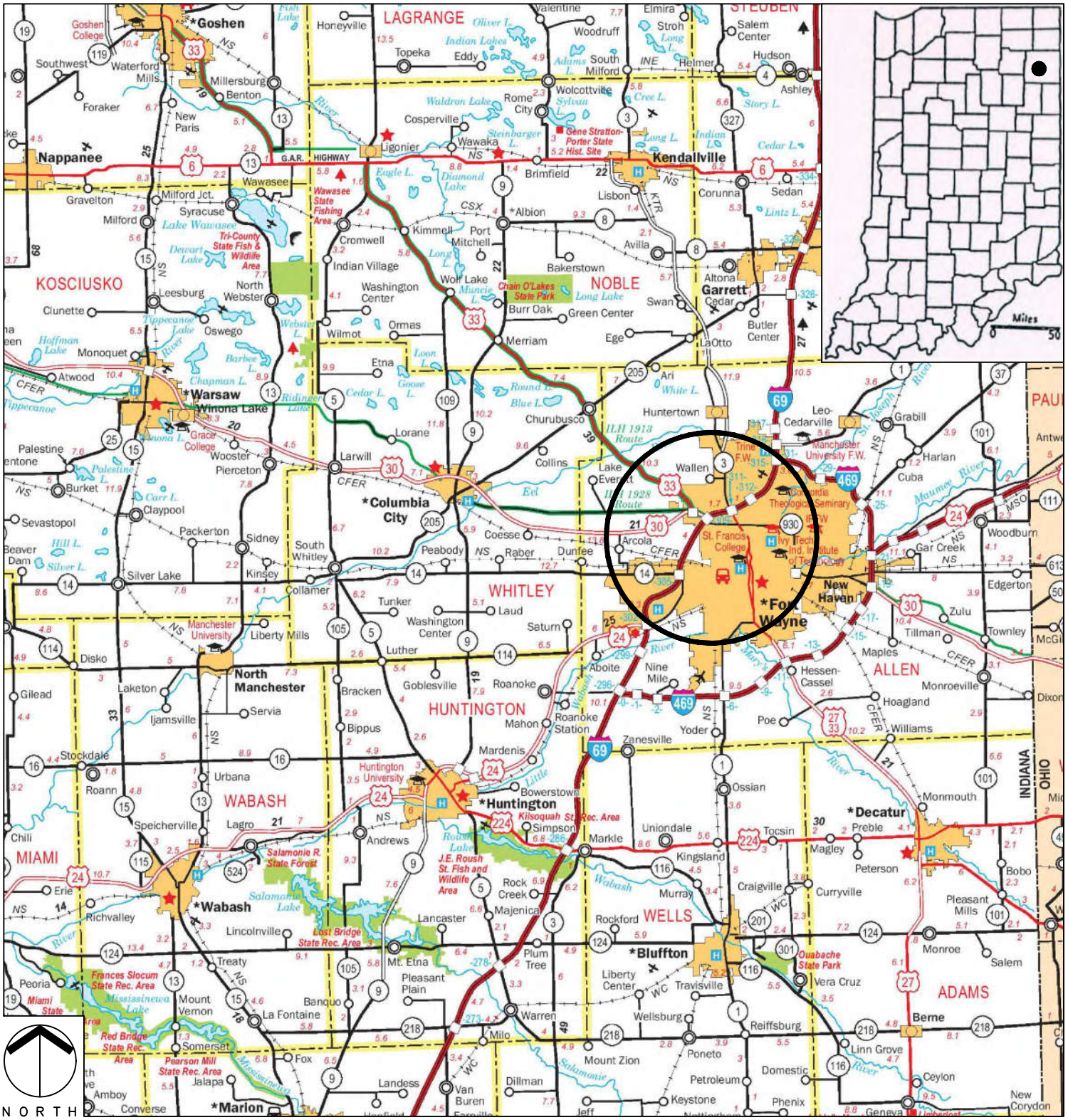
We are interested in your thoughts and opinions concerning your experience with the Detroit District, Corps of Engineers Regulatory Program. If you are interested in letting us know how we are doing, you can complete an electronic Customer Service Survey from our web site at: https://regulatory.ops.usace.army.mil/customer-service-survey/. 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,

Scott C. Girardi
Regulatory Project Manager
Michiana Section

Copy Furnished

Earth Source, Inc., Rodrigue, w/encl.
IDEM, Office of Water Quality, White, w/encl.
IDNR, Division of Water, Smithers, w/encl.



Project Name: UEF-DARUSSALAM MASJID	
Agent:	

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

REGIONAL LOCATION MAP

0 10 MI 20 MI

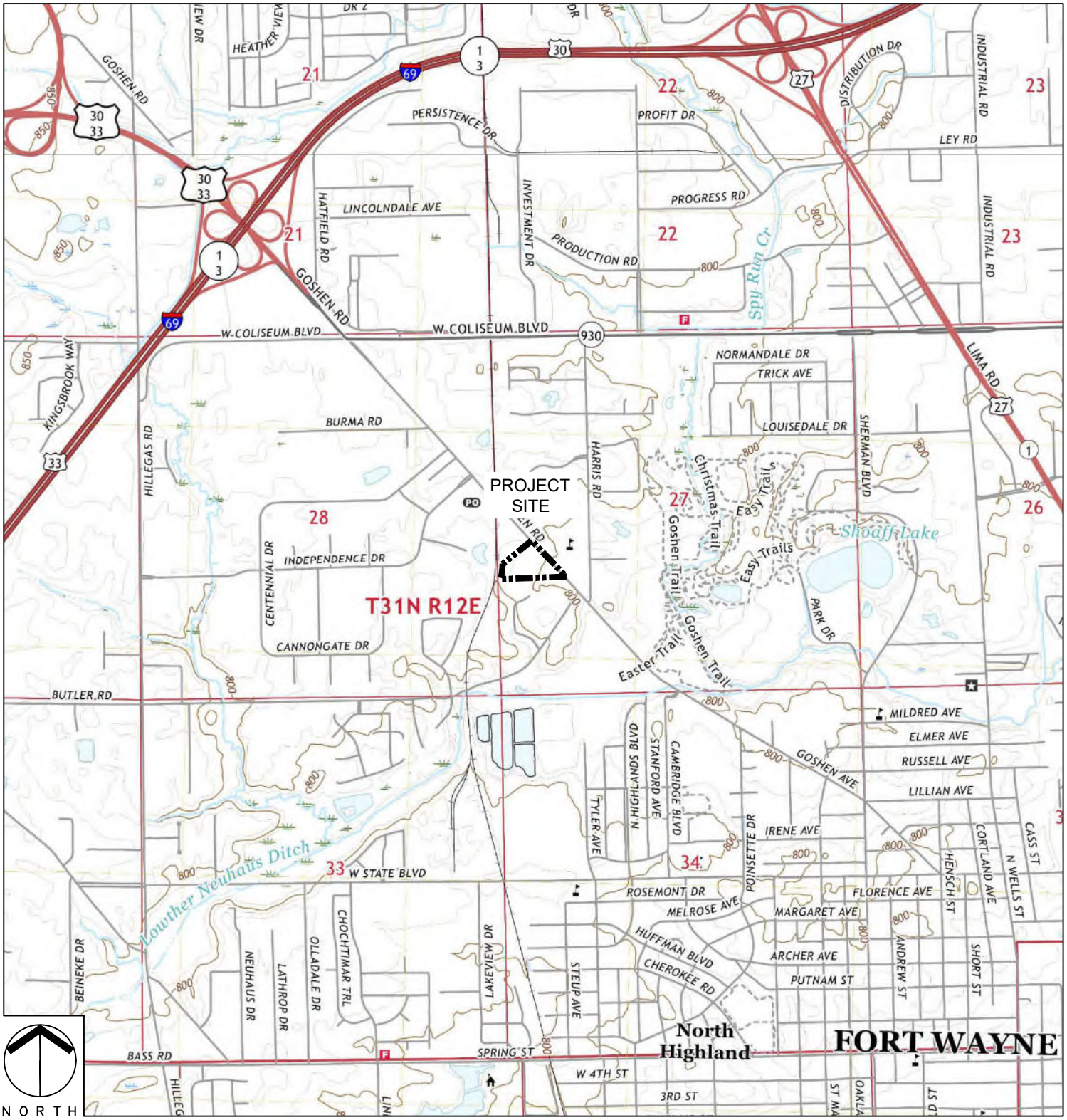
Scale 1 IN = 10 MI

Applicant:

AMANA CONSTRUCTION, INC.
6116 MULFORD VILLAGE DRIVE
ROCKFORD, IL 61107

State: INDIANA		County: ALLEN
Township Name: WASHINGTON		
Township: T31N	Range: R12E	Section: SEC 27
Quadrangle: FORT WAYNE WEST (IN)		
Latitude/Longitude (WGS 84): 41.108541°, -85.171532°		
Date: 5-21-2024		Attachment: U1

Basemap: Indiana Department of Transportation. Indiana Roadway Map 2021. Indianapolis, Indiana



Project Name:	UEF-DARUSSALAM MASJID
Agent:	Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

PROJECT LOCATION MAP

0 2,000 FT 4,000 FT

Scale 1 IN = 2,000 FT

Applicant:

AMANA CONSTRUCTION, INC.
6116 MULFORD VILLAGE DRIVE
ROCKFORD, IL 61107

State: INDIANA		County: ALLEN
Township Name: WASHINGTON		
Township: T31N	Range: R12E	Section: SEC 27
Quadrangle: FORT WAYNE WEST (IN)		
Latitude/Longitude (WGS 84): 41.108541°, -85.171532°		
Date: 5-21-2024		Attachment: U2

Basemap: U.S. Geological Survey. 2019. Fort Wayne West Quadrangle. 1:24,000. Map. 7.5-Minute Series. U.S. Department of the Interior. Reston, VA.

Project Name:
UEF-DARUSSALAM MASJID

Agent:

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

WETLAND DELINEATION MAP

0 200 FT 400 FT

Scale 1 IN = 200 FT

Applicant:

AMANA CONSTRUCTION, INC.
6116 MULFORD VILLAGE DRIVE
ROCKFORD, IL 61107

State:	County:	
INDIANA	ALLEN	
Township Name:		
WASHINGTON		
Township:	Range:	Section:
T31N	R12E	SEC 27
Quadrangle:		
FORT WAYNE WEST (IN)		
Latitude/Longitude (WGS 84):		
41.108541°, -85.171532°		
Date:	Attachment:	
5-21-2024	U7	

Basemap: Farm Service Agency. 2022 Aerial. National Agriculture Imagery Program. U.S. Department of Agriculture. Salt Lake City, Utah.

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL		
Applicant: Midhat Omerovic, Universal Education Foundation of Fort Wayne	File Number: LRE-2024-00301-102-J24	Date: July 09, 2024

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 WITHOUT PREJUDICE	C
	PERMIT DENIAL WITH PREJUDICE	D
XX	APPROVED JURISDICTIONAL DETERMINATION	E
	PRELIMINARY JURISDICTIONAL DETERMINATION	F

SECTION I

The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at https://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/appeals/ 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. 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 WITHOUT PREJUDICE: Not appealable

You received a permit denial without prejudice because a required Federal, state, and/or local authorization and/or certification has been denied for activities which also require a Department of the Army permit before final action has been taken on the Army permit application. The permit denial without prejudice is not appealable. There is no prejudice to the right of the applicant to reinstate processing of the Army permit application if subsequent approval is received from the appropriate Federal, state, and/or local agency on a previously denied authorization and/or certification.

D: PERMIT DENIAL WITH PREJUDICE: You may appeal the 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.

E: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information for reconsideration

- 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.

- RECONSIDERATION: You may request that the district engineer reconsider the approved JD by submitting new information or data to the district engineer within 60 days of the date of this notice. The district will determine whether the information submitted qualifies as new information or data that justifies reconsideration of the approved JD. A reconsideration request does not initiate the appeal process. You may submit a request for appeal to the division engineer to preserve your appeal rights while the district is determining whether the submitted information qualifies for a reconsideration.

F: PRELIMINARY JURISDICTIONAL DETERMINATION: Not appealable
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.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:	If you only have questions regarding the appeal process you may also contact:
Scott C. Girardi Regulatory Project Manager U.S. Army Corps of Engineers Detroit District, Michiana Section 2422 Viridian Drive, Suite 200 South Bend, Indiana 46628 Tel. (574) 232-1952 ext. 21968	Katherine A. McCafferty Regulatory Administrative Appeals Officer U.S. Army Corps of Engineers, Great Lakes and Ohio River Division 550 Main Street, Room 10780 Cincinnati, Ohio 45202-3222 e-mail: katherine.a.mccafferty@usace.army.mil Tel. (513) 684-2699 Fax (513) 684-2460

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. Use additional pages as necessary. 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.	
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:
Email address of appellant and/or agent:	Telephone number:

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

CELRE-OPR-M [09 July 2024]

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Pre-2015 Regulatory Regime Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023) ,[1] [LRE-2024-00301-102-J24]

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.[2] AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.[3] For the purposes of this AJD, we have relied on section 10 of the Rivers and Harbors Act of 1899 (RHA),[4] the Clean Water Act (CWA) implementing regulations published by the Department of the Army in 1986 and amended in 1993 (references 2.a. and 2.b. respectively), the 2008 *Rapanos-Carabell* guidance (reference 2.c.), and other applicable guidance, relevant case law and longstanding practice, (collectively the pre-2015 regulatory regime), and the *Sackett* decision (reference 2.d.) in evaluating jurisdiction.

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. The features addressed in this AJD were evaluated consistent with the definition of “waters of the United States” found in the pre-2015 regulatory regime and consistent with the Supreme Court's decision in *Sackett*. This AJD did not rely on the 2023 “Revised Definition of ‘Waters of the United States,’” as amended on 8 September 2023 (Amended 2023 Rule) because, as of the date of this decision, the Amended 2023 Rule is not applicable [in Indiana] due to litigation.

[1] While the Supreme Court’s decision in *Sackett* had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.
[2] 33 CFR 331.2.
[3] Regulatory Guidance Letter 05-02.
[4] USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

1. SUMMARY OF CONCLUSIONS.

    a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).

        i. [UEF, Section I, non-jurisdictional]

2. REFERENCES.

    a. Final Rule for Regulatory Programs of the Corps of Engineers, 51 FR 41206 (November 13, 1986).

    b. Clean Water Act Regulatory Programs, 58 FR 45008 (August 25, 1993).

    c. U.S. EPA & U.S. Army Corps of Engineers, Clean Water Act Jurisdiction Following the U.S. Supreme Court's Decision in *Rapanos v. United States & Carabell v. United States* (December 2, 2008)

    d. *Sackett v. EPA*, 598 U.S. _, 143 S. Ct. 1322 (2023)

3. REVIEW AREA. [The Review Area is approximately 6.6-acres in size located at 2223 Goshen Road in Fort Wayne, Indiana (Latitude 41.10829 and Longitude -85.171624, Allen County). Attached to this MFR is a figure depicting the extent of the Review Area.]

4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), INTERSTATE WATER, OR THE TERRITORIAL SEAS TO WHICH THE AQUATIC RESOURCE IS CONNECTED. [N/A][5]

5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, INTERSTATE WATER, OR THE TERRITORIAL SEAS [N/A]

[5] This MFR should not be used to complete a new stand-alone TNW determination. A stand-alone TNW determination for a water that is not subject to Section 9 or 10 of the Rivers and Harbors Act of 1899 (RHA) is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established.

6. SECTION 10 JURISDICTIONAL WATERS[6]: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.[7] [N/A]

7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the pre-2015 regulatory regime and consistent with the Supreme Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the pre-2015 regulatory regime. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.

    a. TNWs (a)(1): [N/A]

    b. Interstate Waters (a)(2): [N/A]

    c. Other Waters (a)(3): [N/A]

    d. Impoundments (a)(4): [N/A]

    e. Tributaries (a)(5): [N/A]

    f. The territorial seas (a)(6): [N/A]

    g. Adjacent wetlands (a)(7): [N/A]

[6] 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as "navigable in law" even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

[7] This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.

8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

a. Describe aquatic resources and other features within the review area identified as "generally non-jurisdictional" in the preamble to the 1986 regulations (referred to as "preamble waters").[8] Include size of the aquatic resource or feature within the review area and describe how it was determined to be non-jurisdictional under the CWA as a preamble water. [N/A]

b. Describe aquatic resources and features within the review area identified as "generally not jurisdictional" in the *Rapanos* guidance. Include size of the aquatic resource or feature within the review area and describe how it was determined to be non-jurisdictional under the CWA based on the criteria listed in the guidance. [N/A]

c. Describe aquatic resources and features identified within the review area as waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA. Include the size of the waste treatment system within the review area and describe how it was determined to be a waste treatment system. [N/A]

d. Describe aquatic resources and features within the review area determined to be prior converted cropland in accordance with the 1993 regulations (reference 2.b.). Include the size of the aquatic resource or feature within the review area and describe how it was determined to be prior converted cropland. [N/A]

e. Describe aquatic resources (i.e. lakes and ponds) within the review area, which do not have a nexus to interstate or foreign commerce, and prior to the January 2001 Supreme Court decision in "*SWANCC*," would have been jurisdictional based solely on the "Migratory Bird Rule." Include the size of the aquatic resource or feature, and how it was determined to be an "isolated water" in accordance with *SWANCC*. [N/A]

f. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the pre-2015 regulatory regime consistent with the Supreme Court's decision in *Sackett* (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).

[8] 51 FR 41217, November 13, 1986.

[Wetland UEF, Section I is a non-jurisdictional wetland approximately 0.94-acres in size within the Review Area. Wetland Section I does not possess a continuous surface connection to a jurisdictional water of the United States and is a depressional wetland surrounded entirely by upland and Goshen Road to the east. No continuous surface connection was observed during the June 28, 2024, Site Inspection exiting Section I in any direction that would connect it hydrologically to a jurisdictional water. Review of the Allen County iMap Engineering Viewer contour map did not indicate the presence of a defined topographic feature or features that would serve as a continuous surface connection between Section I and a jurisdictional water of the United States. This is further supported by the USFWS National Wetland Inventory, the NRCS Web Soil Survey for Allen County, and USGS Topographic Maps (IN-Fort Wayne West) from 1956, 1963, 1998, 2013, and 2019, which also do not map or indicate a feature that could be a continuous surface connection between wetland Section I and a water of the United States.]

9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.

a. [U.S. Army Corps of Engineers, Site Inspection, June 28, 2024, and associated site photographs]

b. [U.S. Army Corps of Engineers desktop evaluation conducted July 01, 2024]

c. [Allen County iMap Engineering Viewer, 1938, 1957, 1986, 1993, 2006, 2009, 2012, 2015, 2018, 2021 aerial imagery, regulated/miscellaneous drains and contours layers, accessed July 01, 2024]

d. [U.S. Fish and Wildlife Service Online Wetlands Mapper (NWI), accessed July 01, 2024]

e. [NRCS Web Soil Survey for Allen County, accessed July 01, 2024]

f. [U.S. Geological Survey Topographic Map, 1:24,000, IN-Fort Wayne West, 1956, 1963, 1998, 2013, and 2019, accessed July 01, 2024]

g. [U.S. Army Corps of Engineers, Antecedent Precipitation Tool (APT), results for June 28, 2024]

h. [U.S. Army Corps of Engineers, National Regulatory Viewer – Great Lakes and Ohio River Division, accessed July 01, 2024]

10. OTHER SUPPORTING INFORMATION. [Wetland Delineation Report – UEF-Darussalam Masjid State Road 3, prepared by Earth Source, Inc., dated May 21, 2024.]

11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR's structure and format may be subject to future modification or may be rescinded as needed to implement additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.

APPENDIX B

IDNR – NATURAL HERITAGE DATA

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

July 30, 2024

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

Dear Ashlee Rodrigue:

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 UEF DarusSalam Majid - Facility Expansion Project located within Allen County, Indiana. The Indiana Natural Heritage Data Center has been checked and included you will find a datasheet with information on the T&E species documented within 0.5 mile of the project area.

If you need a review of the impacts to the animal species mentioned or a general environmental review, 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.

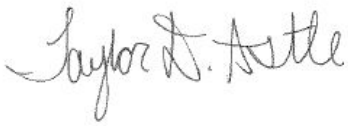
U.S. Fish and Wildlife Service
620 South Walker Street
Bloomington, Indiana 47403-2121
(812)334-4261

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 if you have any questions or need additional information.

Sincerely,



Taylor Davis Astle
Indiana Natural Heritage Data Center

Enclosure: invoice
datasheet

July 30, 2024

INDIANA HERITAGE DATA WITHIN 0.5 MILE OF:

UEF DarusSalam Majid - Facility Expansion Project, Allen County

Sci. Name	Com. Name	State	Fed.	Date	Site	Comments
Bird						
Setophaga cerulea	Cerulean Warbler	SE		2019	FRANKE PARK	
Vermivora chrysoptera	Golden-winged Warbler	SE	C	2021	FRANKE PARK	
Other						
Migratory Bird Concentration Area		SG		2022	NORTHERN FORT WAYNE AREA, FRANKE PARK, VESEY PARK	FOREST BIRD CONCENTRATION
Reptile						
Emydoidea blandingii	Blanding's turtle	SE	C	1970	FRANKE PARK	

Fed: E = Federal endangered; T = Federal threatened; C = Federal candidate species
State: SE = State endangered; ST= State threatened; SR = State rare; SSC = State species of special concern; SG = State significant; no rank - not ranked but tracked to monitor status

APPENDIX C

SITE PHOTOGRAPHS

APPENDIX C
UEF-DARUSSALAM MASJID: ALLEN COUNTY, INDIANA

1. View north of Section I at data point T1P3. 5/15/2024.

3. View south of Section I at data point T1P4. 5/15/2024.

2. View west of Section I at data point T1P3. 5/15/2024.

4. View east of Section I at data point T2P3. 5/15/2024.

5. View south of Section I at data point T2P3. 5/15/2024.

7. View from off-site forested wetland at data point T3P1. 5/15/2024.

6. View north from off-site forested wetland at data point T3P1. 5/15/2024.

APPENDIX D

STATE REGULATED WETLAND CLASS DETERMINATION WORKSHEET

State Regulated Wetland Class Determination Worksheet

(R2 / 5-24)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Effective Date: July 1, 2024

Agent First Name: Ashlee	Agent Last Name: Rodrigue	Agent Affiliation *(Company Name)*: Earth Source, Inc
Phone Number: 260-489-8511	Email Address: arodrigue@earthsourceinc.net	
Project Name: UEF-DarusSalam Masjid	Wetland ID *(Per the Wetland Delineation)*: Section I	Wetland Size *(Acres)*: 0.94
Project Description (If Applicable): Expansion of a community center building and parking lot.		

INSTRUCTIONS

1. Read all questions and instructions thoroughly before filling out this form.

2. Complete this form when conducting wetland delineations. At least one form should be completed for each wetland on-site. Multiple forms are required for wetlands that have zones of different classifications.

3. Submit all completed forms with your wetland delineation and Approved Jurisdictional Determination or official U.S. Army Corps of Engineers correspondence when applying for Waters of the State Determinations or State Regulated Wetland Permits.

4. Please attach any additional comments, justifications, and/or supporting documentation related to this class determination as a separate attachment appended to this form.

5. Additional instructions and guidance for completing this form can be found at the following website:
https://www.in.gov/idem/wetlands/files/state_regulated_guidance_class_determination.pdf

In addition, the Ohio EPA Rapid Assessment Method manual at the following website may be referenced for help completing this form, except as superseded by the instructions on this form, the IDEM worksheet guidance, or additional information provided by IDEM:

https://epa.ohio.gov/static/Portals/35/401/ORAM%20Manual%205.0.pdf

6. Completed forms and materials or questions regarding this form may be submitted to appropriate program staff which can be found at the following website: https://www.in.gov/idem/wetland/contact

Please complete ALL questions and assessments to complete the tables below.

Table 1:

Question (2) is YES	**Moderate Habitat or Hydrology or Both** Question (4) and/or (5) are YES	**Neither Moderate Habitat nor Hydrology** Both Question (4) and (5) are NO
Undisturbed or Minimally Disturbed Question (3) is YES	**Class III**	**Class II**
More than Minimally Disturbed Question (3) is NO	**Class II**	**Class II**

Table 2:

Question (2) is NO	**Moderate Habitat or Hydrology or Both** Question (4) and/or (5) are YES	**Neither Moderate Habitat nor Hydrology** Both Question (4) and (5) are NO
Undisturbed or Minimally Disturbed Question (3) is YES	**Class II**	**Class I**
More than Minimally Disturbed Question (3) is NO	**Class II**	**Class I**

Select the State Regulated Wetland Classification based on the tables above: ☐ **Class I** ☑ **Class II** ☐ **Class III**

Rare or Ecologically Important Wetlands:

(1) Is the wetland a listed rare or ecologically important type under IC 13-11-2-25.8(3)(A)? ☐ Yes ☑ No

If Yes, please indicate type:

☐ Acid Bog	☐ Fen	☐ Circumneutral Seep	☐ Muck Flat	☐ Dune and Swale	☐ Sinkhole Pond
☐ Acid Seep	☐ Panne	☐ Cypress Swamp	☐ Sand Flat	☐ Forest Fen	☐ Sinkhole Swamp

If Yes, the Wetland is Class III. This form is now complete.
If No, proceed to Question (2).

(2) Is the wetland a listed rare or ecologically important type under IC 13-11-2-25.8(3)(B)? ☐ Yes ☑ No

If Yes, please indicate type:

☐ Shrub Swamp ☐ Sedge Meadow ☐ Forested Swamp ☐ Wet Floodplain Forest ☐ Wet Prairie ☐ Wet Sand Prairie

If Yes OR No, proceed to Question (3).

Disturbance:

(3) Is the wetland undisturbed or minimally disturbed? *(See below)* ☑ Yes ☐ No

(3.1) Substrate Disturbance (Score = 2)
Select one OR select two and calculate the average.

☐ None or none apparent (4) ☐ Recovered (3) ☑ Recovering (2) ☐ Recent or no recovery (1)

(3.2) Habitat Development (Score = 5)
Select only one.

☐ Excellent (7)	☑ Good (5)	☐ Fair (3)	☐ Poor (1)
☐ Very good (6)	☐ Moderately good (4)	☐ Poor to fair (2)	

(3.3) Habitat Alteration (Score = 3)
Select one OR select two and calculate the average.

☐ None or none apparent (9) ☐ Recovered (6) ☑ Recovering (3) ☐ Recent or no recovery (1)

Mark all habitat alterations observed below:

☑ Mowing	☐ Selective cutting	☐ Shrub/sapling removal	☐ Dredging
☐ Grazing	☐ Woody debris removal	☐ Herbaceous/aquatic bed removal	☐ Farming
☐ Clearcutting	☐ Toxic pollutants	☐ Sedimentation	☐ Nutrient Enrichment

(3.4) Add scores from above: (3.1) + (3.2) + (3.3) = 10
If total score is 9 or greater, check Yes to Question (3)
If total score is 8 or less, check No to Question (3) – Provide additional photos, narrative, etc., as necessary to justify score.

If Yes OR No, proceed to Question (4) AND Question (5).

The wetland area was mown until 2010. Once mowing ceased, a scrub-shrub community developed in the south and west portions.

Wetland Habitat Functional Assessment:

(4) Does the wetland support moderate wildlife or aquatic habitat? (*See below)* ☑ Yes ☐ No

(4.1) Wetland Vegetation Communities (Score = 4)
Score all present with 0 to 3 scale, using parameters to the right.

- ☐ Aquatic bed
- ☑ Emergent
- ☑ Shrub
- ☐ Forest
- ☐ Other *(Please indicate)*: _____

Vegetation Community Cover Scale (4.1a)	
0	Absent or comprises <0.1ha (0.2471 acres) contiguous area.
1	Present and comprises small part of wetland's vegetation and is of moderate quality.
	Present and comprises a significant part of wetland's vegetation and is of low quality.
2	Present and comprises significant part of wetland's vegetation and is of moderate quality.
	Present and comprises a small part of wetland's vegetation and is of high quality.
3	Present and comprises a significant part of wetland's vegetation and is of high quality.

(4.2) Horizontal (Plan View) Interspersion (Score = 2)
Select only one. Interspersion is the diversity of habitat by plant community variation.

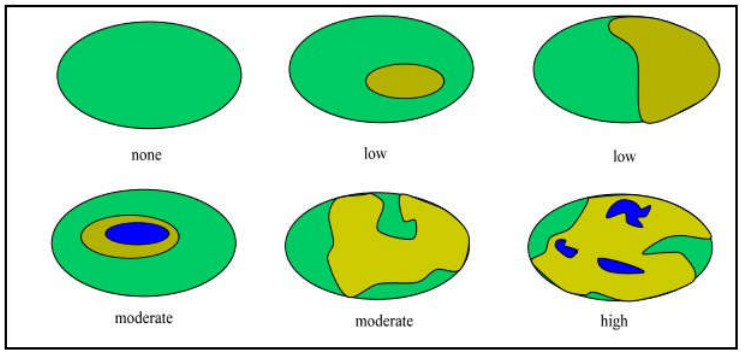
- ☐ High mosaic/patchwork (5)
- ☐ Moderately high (4)
- ☐ Moderate (3)
- ☑ Moderately low (2)
- ☐ Low (1)
- ☐ None – uniform (0)

Narrative Description of Vegetation Quality (4.1b)	
Low	Low species diversity and/or predominance of nonnative or disturbance-tolerant native species.
Moderate	Native species are dominant component of the vegetation, although nonnative and/or disturbance tolerant native species can also be present. Species diversity is moderate to moderately high.
High	A predominance of native species, with nonnative species and/or disturbance-tolerant native species absent or virtually absent. High species diversity.

(4.3) Coverage of Invasive Plants (Score = 1)
Select only one, using total areal coverage of any combination of species listed on the Indiana Invasive Species Council List:
https://entm.purdue.edu/iisc/invasiveplants.html

- ☐ Extensive >75% cover (-5)
- ☐ Moderate 25-75% cover (-3)
- ☐ Sparse 5-25% cover (-1)
- ☐ Nearly absent <5% cover (0)
- ☑ Absent cover (1)

Interspersion (4.2)



(4.4) Microtopography (Score = 0)
Score all present with 0 to 3 scale, using parameters to the right.

- ☐ Vegetated hummocks/tussocks
- ☐ Coarse woody debris >15cm (6in)
- ☐ Standing dead >25cm (10in) diameter at breast height
- ☐ Amphibian breeding pools

Microtopography Cover Scale (4.4)	
0	Absent
1	Present in very small amounts or, if more common, of marginal quality.
2	Present in moderate amounts but not of the highest quality, or in small amounts of the highest quality.
3	Present in moderate or greater amounts and of the highest quality

(4.5) Add scores from above: (4.1) + (4.2) + (4.3) + (4.4) = 7
If total score is 5 or greater, check Yes to Question (4)
If total score is 4 or less, check No to Question (4) - Provide additional photos, narrative, etc., as necessary to justify score.

If Yes OR No, proceed to Question (5).

Wetland vegetation was cleared prior to the wetland delienation. Vegetation was evaluated based on emergence of on-site species, adjacent off-site wetland and aerial imagery.

Wetland Hydrology Functional Assessment:

(5) Does the wetland support moderate hydrological function? *(See below)* ☐ Yes ☑ No

(5.1) Water Storage Capacity (Score = 2)
Select only one.

☐ Wetland is ≥50 acres (7) ☐ Wetland is 10 to <25 acres (5) ☐ Wetland is 1 to <3 acres (3) ☐ Wetland is 0.1 to <0.3 acre (1)
☐ Wetland is 25 to <50 acres (6) ☐ Wetland is 3 to <10 acres (4) ☑ Wetland is 0.3 to <1 acres (2) ☐ Wetland is <0.1 acre (0)

(5.2) Sources of Water (Score = 1)
Select all that apply.

☐ High pH groundwater (5) ☐ Perennial surface water (lake or stream) (5) ☑ Precipitation (1)
☐ Other groundwater (3) ☐ Seasonal/intermittent surface water (3)

(5.3) Maximum Water Depth (Score = 1)
Select only one.

☐ >0.7m (>27.6in) (3) ☐ 0.4–0.7m (15.7–27.6in) (2) ☑ <0.4m (<15.7in) (1)

(5.4) Duration of Inundation/Saturation (Score = 1)
Select one or two.

☐ Semi- to permanently inundated/saturated (4) ☐ Seasonally inundated (2)
☐ Regularly inundated/saturated (3) ☑ Seasonally saturated in upper 30cm (12in) (1)

(5.5) Connectivity (Score = 2)
Select all that apply.

☐ Wetland position in the watershed is 1st order (3)
☑ Wetland position in the watershed is 2nd or 3rd order (2)
☐ Wetland position in the watershed is 4th or 5th order and the substrate is sand or silt (1)
☐ Wetland is located within a groundwater Wellhead Protection Area (2)
https://www.in.gov/idem/cleanwater/information-about/groundwater-monitoring-and-source-water-protection/wellhead-protection-program/source-water-proximity-determination-tool/
☐ Wetland is located within a drinking water Source Water Susceptibility Area (2)
☐ Wetland is located within a drinking water Source Water Assessment Area (2)

☐ 100-year floodplain (1) ☐ Part of wetland/upland, e.g. forest, complex (1)
☐ Between stream/lake and other human use (1) ☐ Part of riparian or upland corridor (1)

(5.6) Other Signs of Moderate Hydrologic Function (Score = 1)
Select all that apply.

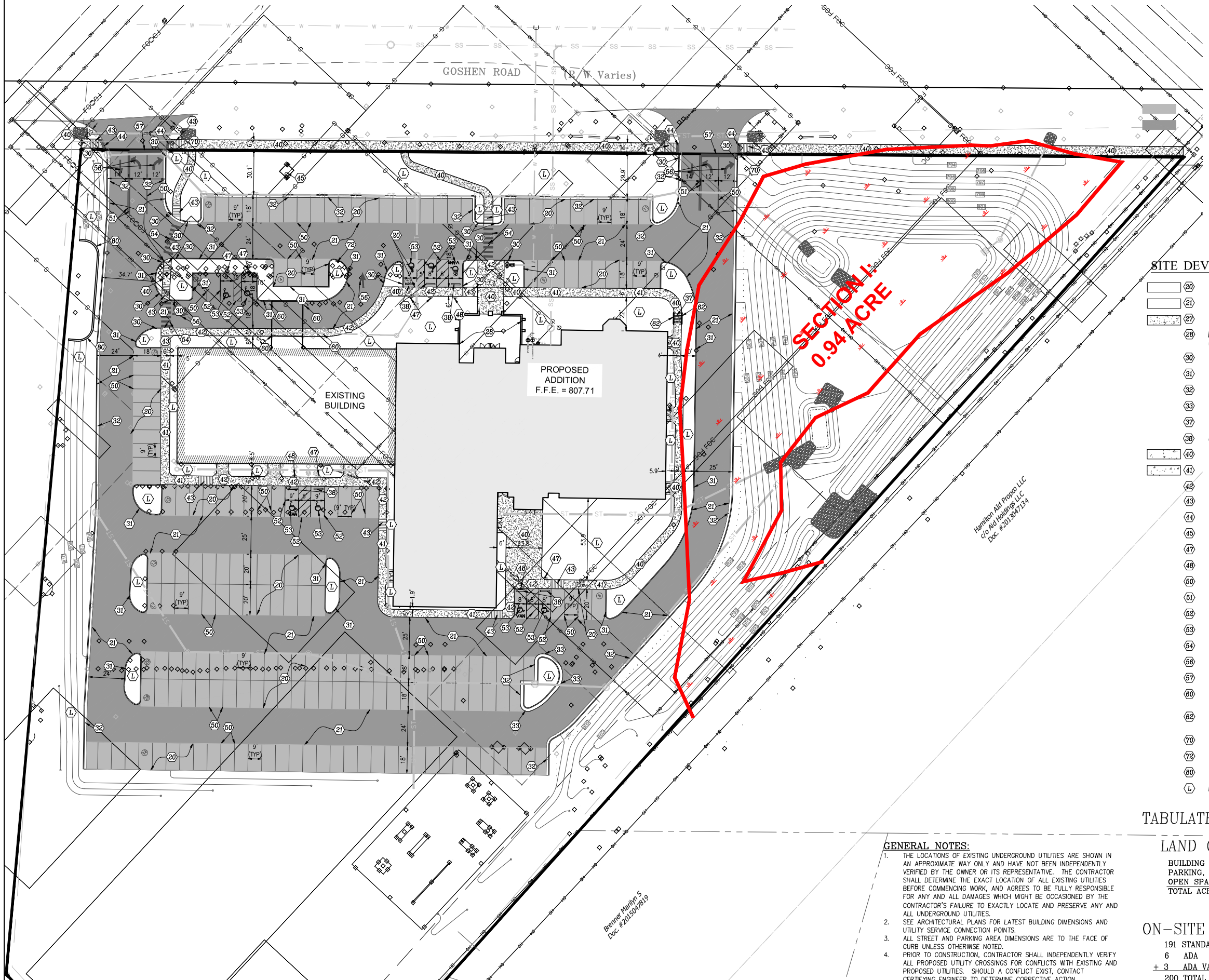
☑ Wetland possess strong hydric soil indicators – likely needs to be observed from datapoint near the center of a wetland (gleyed matrix or chroma ≤1) (1)
☐ Dominant vegetation in wetland is highly adapted to prolonged inundation (OBL dominance) (1)
☐ Wetland substrate is sand or silt, indicating higher hydraulic conductivity (1)
☐ Wetland is located within a highly developed landscape (>75% impervious surfaces in ½ mile radius) (1)
☐ Parcel with wetland is bordered by development, roads, or impervious surfaces (1)

(5.7) Add scores from above: (5.1) + (5.2) + (5.3) + (5.4) + (5.5) + (5.6) = 8

If (5.7) is 10 or greater, check Yes to Question (5)
If (5.7) is 9 or less, check No to Question (5) - Provide additional photos, narrative, etc., as necessary to justify score.

If Yes OR No, proceed to tables (Page 1 of 4).

GRAPHICS



30 15 0 30
Scale 1" = 30'
Contour Interval 1'

Not to Scale. Scaled to fit 11x17 format

SITE DEVELOPMENT PLAN LEGEND

- (20) BITUMINOUS PAVEMENT, TYPE 'A' (LIGHT DUTY)
- (21) BITUMINOUS PAVEMENT, TYPE 'B' (MEDIUM DUTY)
- (27) 8-INCH REINFORCED CONCRETE
- (28) DECORATIVE CONCRETE (COORDINATE WITH ARCHITECTURAL PLANS)
- (30) CURB END TREATMENT
- (31) 6-INCH CONCRETE CURB
- (32) CONCRETE CURB AND GUTTER
- (33) MODIFIED CONCRETE CURB AND GUTTER
- (37) CONCRETE STEPS
- (38) CONCRETE WHEEL STOP
- (40) CONCRETE SIDEWALK
- (41) INTEGRAL CONCRETE CURB AND SIDEWALK
- (42) CONCRETE SIDEWALK FLUSH WITH PAVEMENT
- (43) CONCRETE SIDEWALK RAMP (CITY COMPLIANT)
- (44) DETECTABLE WARNING SURFACE
- (45) EXISTING MONUMENT SIGN
- (47) ADA ACCESSIBLE PARKING SIGN
- (48) ADA (VAN) ACCESSIBLE PARKING SIGN
- (50) PAVEMENT MARKINGS, PAINT, 4" WHITE
- (51) PAVEMENT MARKINGS, PAINT, 4" YELLOW
- (52) PAVEMENT MARKINGS (ADA), PAINT, 4" BLUE
- (53) PAVEMENT MARKINGS (ADA), PAINT, SYMBOL BLUE
- (54) PAVEMENT MARKINGS, PAINT, PEDESTRIAN CROSS WALK
- (56) PAVEMENT MARKINGS, ARROW, PAINT, WHITE
- (57) PAVEMENT MARKINGS, PAINT, 24" STOP BAR
- (60) DECORATIVE BOLLARD (SEE ARCHITECTURAL PLANS FOR DETAILS)
- (62) HANDRAIL (SEE ARCHITECTURAL PLANS FOR DETAILS)
- (70) 'STOP' SIGN
- (72) 'DO NOT ENTER' SIGN
- (80) SEGMENTED BLOCK RETAINING WALL
- (L) LANDSCAPE AREA (SEE LANDSCAPE PLAN FOR SEEDING, MULCHING & PLANTING INFORMATION)

TABULATED LAND USE DATA:

LAND COVERAGE

BUILDING	=	35,608 sft (11.8%)
PARKING, DRIVES, SIDEWALKS	=	90,322 sft (30.2%)
OPEN SPACE	=	175,070 sft (58.0%)
TOTAL ACREAGE (6.91 ac)	=	301,000 sft (100.0%)

ON-SITE PARKING

191 STANDARD
6 ADA
+ 3 ADA VAN
200 TOTAL SPACES

GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
2. SEE ARCHITECTURAL PLANS FOR LATEST BUILDING DIMENSIONS AND UTILITY SERVICE CONNECTION POINTS.
3. ALL STREET AND PARKING AREA DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL INDEPENDENTLY VERIFY ALL PROPOSED UTILITY CROSSINGS FOR CONFLICTS WITH EXISTING AND PROPOSED UTILITIES. SHOULD A CONFLICT EXIST, CONTACT CERTIFYING ENGINEER TO DETERMINE CORRECTIVE ACTION.

Gensic Engineering Inc
Civil Engineers
407 Airport North Office Park
Fort Wayne, IN 46825
Phone - (260) 489-7643

SEAL

PRELIMINARY DOCUMENT NOT FOR CONSTRUCTION PRELIMINARY DOCUMENT

OWNER REPRESENTATIVE:

AMANA CONSTRUCTION, INC

CONTACT: MOKHTAR MOHAMED
6116 MULFORD VILLAGE DRIVE
ROCKFORD, ILLINOIS 61107
PHONE: (815) 519-3332
EMAIL: MOKYUSA@AOL.COM

REVISIONS

UEF-DarusSalam Masjid

SITE DEVELOPMENT PLANS

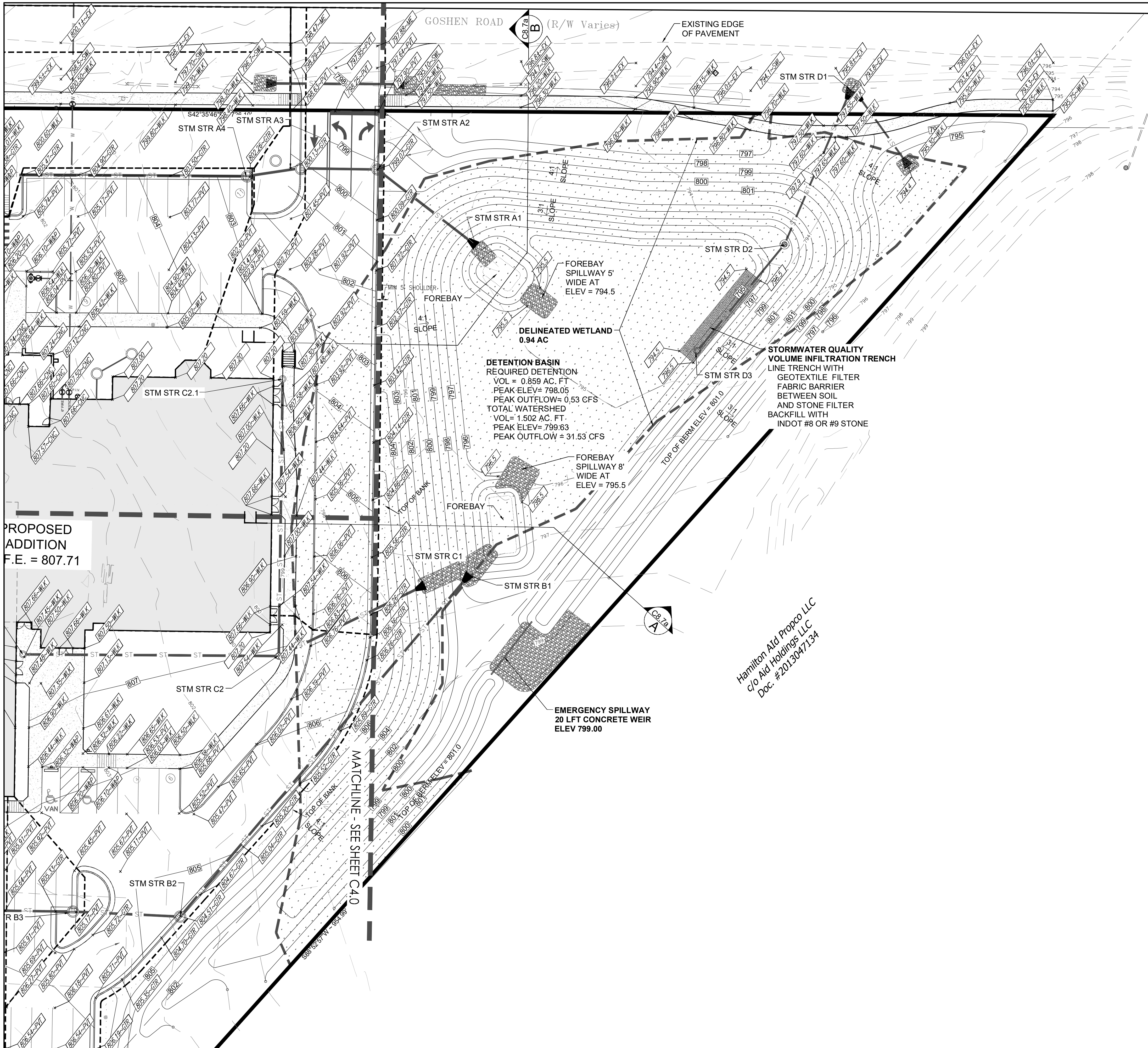
SITE DEVELOPMENT PLAN

2223 GOSHEN ROAD FORT WAYNE, INDIANA

DATE : 08-28-2023
SCALE: 1"= 30'
VERT:
DRAWN BY: TLT
CHECKED BY: PMG

Indiana 811 Know what's below. Call before you dig.

SHEET
C3.0



Scale 1" = 20'
Contour Interval 1'

Not to Scale. Scaled to fit 11x17 format

GRADING LEGEND

XXX.XX~ME	MATCH EXISTING GRADE
XXX.XX	FINISHED GRADE
XXX.XX~FF	FINISHED FLOOR ELEVATION
XXX.XX~WLK	FINISHED GRADE CONCRETE WALK
XXX.XX~CNC	FINISHED GRADE CONCRETE
XXX.XX~GTR	FINISHED GRADE GUTTER FLOWLINE
XXX.XX~TOC	FINISHED GRADE TOP OF CURB
XXX.XX~PVT	FINISHED GRADE PAVEMENT
XXX.XX~W&P	FINISHED GRADE WALK AND PAVEMENT
- - -	WATERSHED BOUNDARY
	DELINEATED WETLAND BOUNDARY

GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
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Gensic Engineering Inc
Civil Engineers
407 Airport North Office Park
Fort Wayne, IN 46825
Phone - (260) 489-7643

SEAL
PETER M. GENSIC, REGISTERED No. PE 10200279, STATE OF INDIANA, PROFESSIONAL ENGINEER

OWNER REPRESENTATIVE:
AMANA CONSTRUCTION, INC
CONTACT: MOKHTAR MOHAMED
6116 MULFORD VILLAGE DRIVE
ROCKFORD, ILLINOIS 61107
PHONE: (815) 519-3332
EMAIL: MOKYUSA@AOL.COM

REVISIONS

Date	No.	Description
10/17/2023	1	ADDRESS STORMWATER REVIEW COMMENTS
11/09/2023	2	DRAINAGE AND SWPPP APPROVED PLANS
12/18/2023	3	ADDRESS ILP REVIEW COMMENTS
07/25/204	4	ADD WETLAND DELINEATION

UEF-DarusSalam Masjid

SITE DEVELOPMENT PLANS

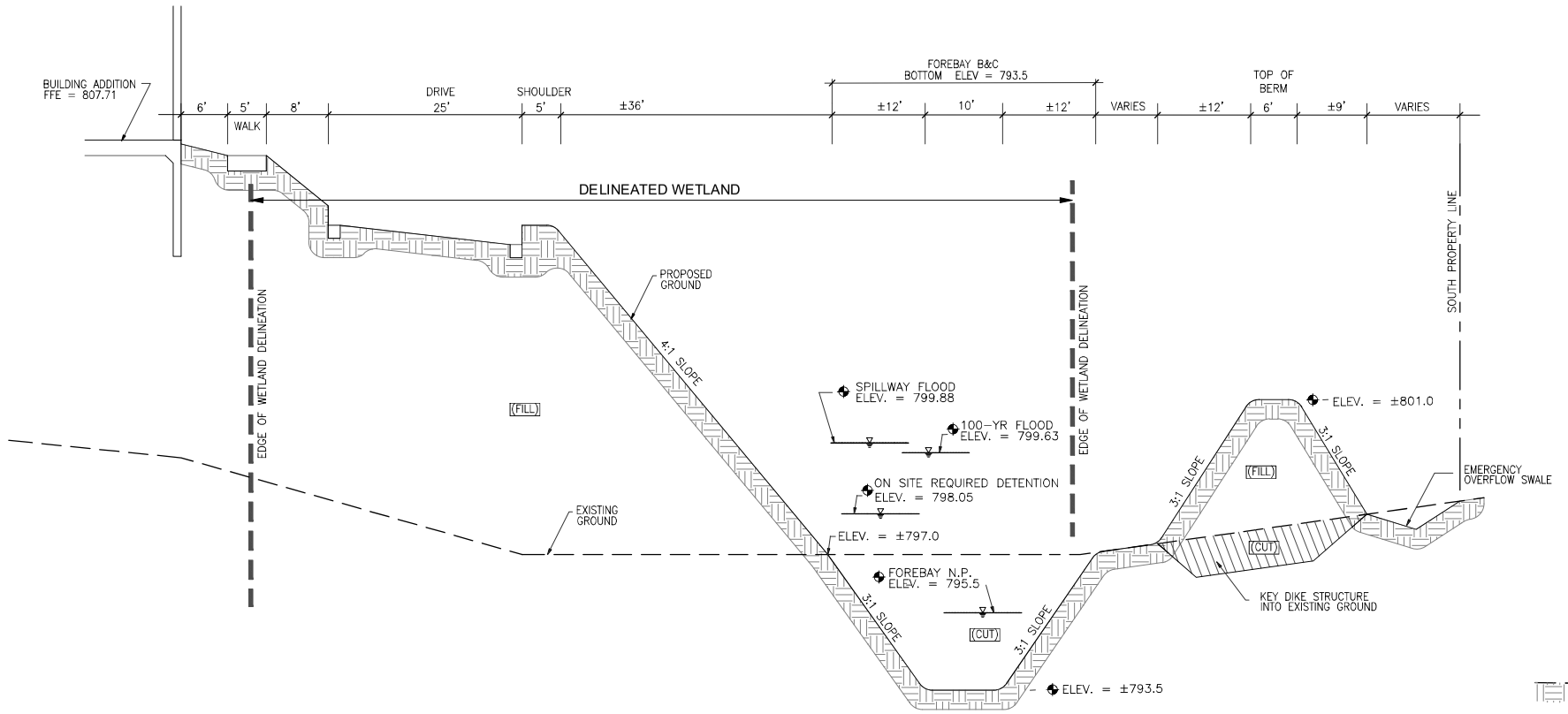
GRADING AND DRAINAGE PLAN

2223 GOSHEN ROAD FORT WAYNE, INDIANA

DATE : 08-28-2023
SCALE: 1"= 20'
VERT:
DRAWN BY: TLT
CHECKED BY: PMG

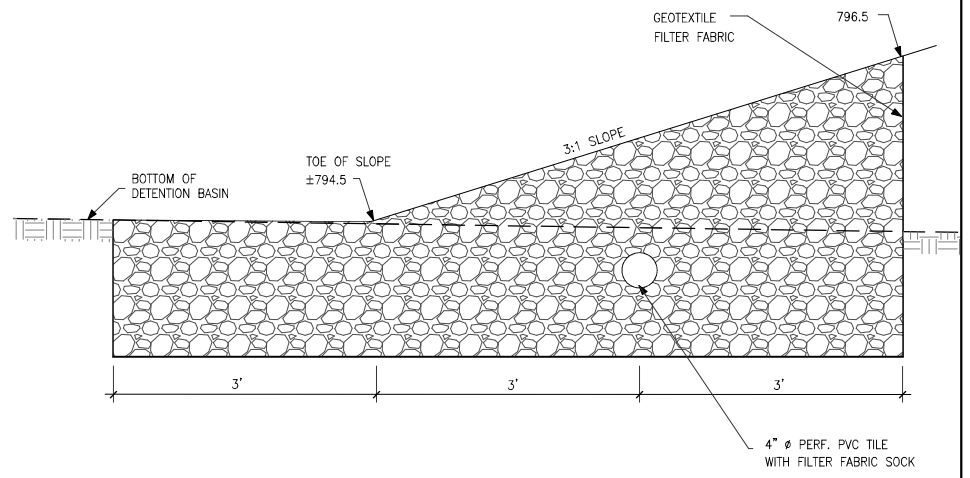
Indiana811 Know what's below. Call before you dig.

SHEET C4.2

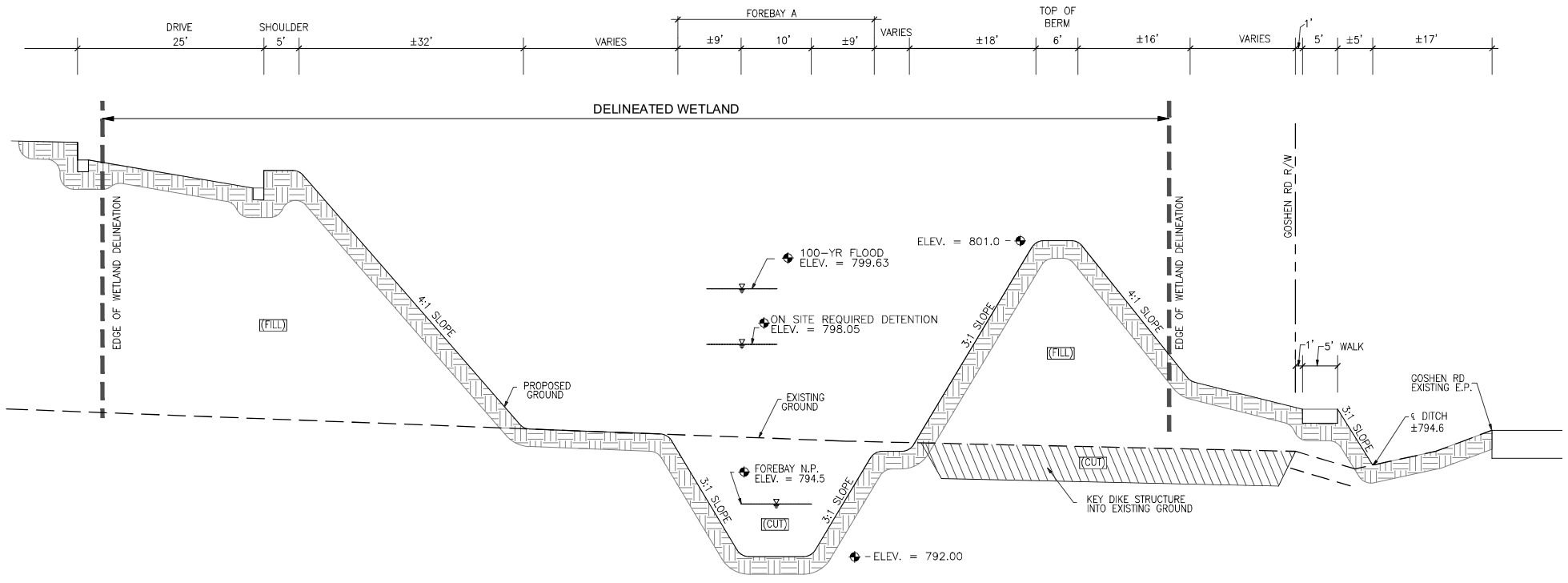


DETENTION BASIN
SECTION A–A
H: 1" = 10'
V: 1" = 2'

Not to Scale. Scaled to fit 11x17 format



DETENTION BASIN INFILTRATION TRENCH
DETAIL
N.T.S.



DETENTION BASIN
SECTION B–B
H: 1" = 10'
V: 1" = 2'

Gensic Engineering Inc
Civil Engineers
407 Airport North Office Park
Fort Wayne, IN 46825
Phone - (260) 489-7643

SEAL
PETER M. GENSIC
REGISTERED
No. PE 10200279
STATE OF
INDIANA
PROFESSIONAL ENGINEER

OWNER
REPRESENTATIVE:
AMANA
CONSTRUCTION,
INC
CONTACT: MOKHTAR MOHAMED
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REVISIONS		
1	10/17/2023	ADDRESS STORMWATER REVIEW COMMENTS
2	11/09/2023	DRAINAGE AND SWPPP APPROVED PLANS
3	12/18/2023	ADDRESS ILP REVIEW COMMENTS
4	07/25/204	ADD WETLAND DELINEATION

UEF-DarusSalam Masjid

SITE DEVELOPMENT PLANS

DETENTION BASIN DETAILS AND TYPICAL SECTION

2223 GOSHEN ROAD FORT WAYNE, INDIANA

DATE : 08-28-2023
SCALE: N.T.S.
VERT:
DRAWN BY: TLT
CHECKED BY: PMG

Indiana 811
Know what's below. Call before you dig.

SHEET
C8.7a

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
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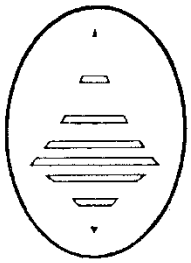
WETLAND DELINEATION REPORT

UEF-DARUSSALAM MASJID
STATE ROAD 3

Prepared for:

AMANA CONSTRUCTION, INC.
6116 MULFORD VILLAGE DRIVE
ROCKFORD, ILLINOIS 61107

Prepared by:



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EXECUTIVE SUMMARY

A wetland delineation of the UEF-DarusSalam Masjid located at 2223 Goshen Road in Fort Wayne (Allen County, Indiana) was completed on 20 May 2024. The project is located in Section 27 of Washington Township (Township 31 North, Range 12 East) (Latitude: 41.108541°, Longitude: -85.171532°, WGS 84). The wetland delineation was performed using the atypical determination procedures as set forth by the 1987 *Corps of Engineers Wetlands Delineation Manual*.

Under Sections 404 and 401 of the Clean Water Act, the Army Corps of Engineers (ACOE) and/or the Indiana Department of Environmental Management (IDEM) have jurisdiction over *waters of the United States*. This includes wetlands and other *waters* with an identifiable connection to interstate commerce. Wetlands not regulated under Section 401 and 404 of the Clean Water Act are regulated by the State of Indiana under IC 13-18-22. Any activity that involves the placement of fill and/or excavation within these jurisdictional areas may require notification and authorization of the appropriate regulatory agency. Jurisdictional status of *waters* identified within this report is based on ***Earth Source***, Inc.'s interpretation and understanding of the definition and scope of *waters of the United States* protected under the Clean Water Act and related communications with ACOE Division and District personnel.

As illustrated by the attached wetland delineation plan (U6), a 0.94-acre wetland was identified within the project site. In late 2023/early 2024, the southeast corner of the project was cleared of trees and brush. Construction activities ceased upon discovery of potential wetland area.

TABLE 1. SUMMARY OF WATERS RESOURCES

Feature	Size	Description
Section I	0.94 acre	Emergent/Forested Wetland

INTRODUCTION

A wetland delineation of the UEF-DarusSalam Masjid located at 2223 Goshen Road in Fort Wayne (Allen County, Indiana) was completed on 15 May 2024 (limits of delineation noted on attached plans U2 - U7). The project is located in Section 27 of Washington Township (Township 31 North, Range 12 East) (Latitude: 41.108541°, Longitude: -85.171532°, WGS 84). Site conditions were cloudy and 58°F, ground conditions were unobscured. The wetland delineation was performed using the atypical determination procedures as set forth by the 1987 *Corps of Engineers Wetlands Delineation Manual*.

METHODOLOGY

Four (4) transects were set perpendicular to the baseline and modified to encompass all areas and community types within the stie boundary. Data stations included areas identified by soils data, the U.S. Fish and Wildlife Service (FWS) National Wetland Inventory and Aerial Photography as potential wetlands. Soil, hydrology, and vegetation data were collected for each cover type encountered.

The three criteria required for the determination of an area to be a wetland are 1) Hydric Soils, 2) Wetland Hydrology, and 3) Dominance of Hydrophytic Vegetation. **Hydric Soils** criteria are met with a hydric soils listing and/or the presence of Histosols (organic soils - peat or muck), a histic epipedon, or reduced mineral soils with low matrix chroma of 2 or less with mottles, or with a matrix chroma of 1 without mottles, or gleyed soils, and/or the presence of other hydric soil indicators such as an aquic or peraquic moisture regime, ponding or a water table near the surface for at least one week during the growing season. **Wetland Hydrology** criteria are met or assumed by the presence of inundation or saturated soils and/or the confirmed presence of hydrologic field indicators such as water marks, debris deposits or morphological plant adaptations to life in anaerobic soil conditions. **Hydrophytic Vegetation** is a plant adapted to life in permanently or periodically inundated or saturated soil conditions. Wetland vegetation is characterized as an obligate, facultative wetland, or facultative species dependent upon the frequency these species are found in wetlands. The Hydrophytic Vegetation criterion is met when, upon identification of the dominant plant species in each stratum or layer of the plant community, a dominance (greater than 50 percent) of obligate, facultative wetland or facultative species is indicated. The hydrophytic vegetation criterion was based upon persistent vegetation. In order for an area to be determined as a wetland, all three criteria must be positively identified.

In order for an area to be subject to federal regulation, all three wetland criteria must be positively identified, and the area must meet the definition of *waters of the United States* found at 33 CFR 328.3 (a).

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ATYPICAL DETERMINATION PROCEDURES

To determine the extent of wetland conditions in accordance with the atypical determination procedures as set forth by the 1987 *Corps of Engineers Wetlands Delineation Manual*, a number of data points were taken, and an array of available site information was reviewed. The reviewed site information included:

1. Allen County GIS topographic survey

2. USDA-SCS (NRCS) Soil Survey of Allen County, Indiana, http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

3. U.S. Fish and Wildlife Service. 2024. National Wetlands Inventory website. U.S. Department of the Interior, Fish and Wildlife Service. Washington, D.C. http://www.fws.gov/wetlands/

4. USGS Topographic Survey, Huntertown Quadrangle. 2019. Indiana-Allen Co. 7.5-Minute Series U.S. Department of the Interior. Reston, VA.

6. Aerial Photographs
   2022 Aerial Photograph – USDA National Agriculture Imagery Program (NAIP)
   2021 Aerial Photograph – Allen County GIS Data Viewer
   2018 Aerial Photograph – Allen County GIS Data Viewer
   2015 Aerial Photograph – Allen County GIS Data Viewer
   2012 Aerial Photograph – Allen County GIS Data Viewer
   2009 Aerial Photograph – Allen County GIS Data Viewer
   2006 Aerial Photograph – Allen County GIS Data Viewer
   2003 Aerial Photograph – Allen County GIS Data Viewer
   1999 Aerial Photograph – Allen County GIS Data Viewer

USDA - Allen County Soil Survey Map
The USDA Allen County Soil Survey Map identifies one (1) hydric soil within the limits of the project site: Pewamo silty clay loam.

U.S. Fish and Wildlife Service - NWI
The U.S. Fish and Wildlife Service National Wetland Inventory map identifies no wetlands or other features within the limits of the project site.

Aerial Photographs

Review of the aerial photographs identified saturated soils within the wetland area. Saturated soils are evident in every winter aerial photograph available. The extent of the wetlands could not be determined to due vegetation coverage. The saturated soils begin along the south property boundary and flow northeast toward Goshen Road.

WETLAND DELINEATION

One (1) wetland was identified within the project site. The wetland was disturbed with the mechanical removal of woody vegetation. The wetland was evaluated the Atypical Wetland Procedures. An adjacent wetland was used as a reference wetland and evaluated

using the routine on-site determination methods as set forth 1987 Corps of Engineers Wetlands Delineation Manual and Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0). Based on the three 30-day periods preceding the wetland delineation, the delineation was conducted in a "Wetter-than-Normal" year compared to the precipitation totals from the preceding 30 years. A discussion of the delineated water resources found on the site is presented below.

Isolated Wetlands

SECTION I: Section I is an emergent and scrub-shrub wetland. Woody vegetation was mechanically removed within the wetland during the winter 2023/2024 season. The wetland is classified as a Palustrine, Emergent, Scrub-shrub, Deciduous, Temporarily Flooded (PEM/SS1A) system (Cowardin 1979). As illustrated by the attached wetland delineation plan (U6), the delineated wetland area is 0.94 acres. The wetland boundary was delineated by comparing historical aerial imagery and evaluating wetland hydrology indicators and modified wetness indicators of existing plant vegetation identified in the field. Below is a typical data point taken from within Section I (Appendix A: Data Forms T1P3, T1P4, T2P3, T2P4, T3P2).

Section III - Atypical Data Point (T1P3)

Subsection 1 – Vegetation

Step 1 – Describe the Type of Alteration. Original trees and shrubs were mechanically removed.

Step 2 – Describe Effects on Vegetation. Original vegetation was absent, but herbaceous layer regrowth was present.

Step 3 – Determine the Type of Vegetation that Previously Occurred. Based on the reviewed aerial photographs and regrowth of vegetation, dominate canopy and shrub-shrub species for the wetland would likely be *Populus deltoides*, *Cornus racemosa,* and Quercus palustris. An herbaceous vegetation layer has regrown after the mechanical remove of woody vegetation. Below is the vegetation data from T1P3 (Appendix A) that represents the present vegetation within this area:

Present Sapling/Shrub Stratum Species List:

Gray Dogwood*	Co*rnus racemosa*	FAC
Pin Oak*	*Quercus palustris*	FACW

Present Herbaceous Stratum Species List:

*Carex granularis**	*Limestone-Meadow Sedge*	FACW
*Lycopus americanus**	*Cut-Leaf Water-Horehound*	OBL
*Poa pratensis**	*Fowl Blue Grass*	FAC
Carex vulpinoidea	*Common Fox Sedge*	FACW
Scirpus atrovirens	*Dark-Green Bulrush*	OBL

Step 4 – Determine Whether Plant Community Types Constitute Hydrophytic Vegetation. Based upon the above information and the field investigation, the area did contain hydrophytic vegetation. The wetland vegetation criterion is met with greater than 100% species FAC, FACW or OBL.

Subsection 2 – Soils

Step 1 – Describe the Type of Alteration. Soils were disturbed by the removal of woody vegetation with mechanical equipment. Some stumps remained. Tire ruts were present.

Step 2 – Describe Effects on Soil. Tire tracks/ruts are present in this area, but the soil profile is intact in this area.

Step 3 – Characterize the Soil that Previously Occurred. Field investigation and the USDA Soil Survey of Allen County were used to characterize soils.

Soil Survey. According to the Allen County Soil Survey, the soil-mapping unit for this area was Pewamo Silty Clay Loam. The Pewamo series is listed as hydric per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List. At the data point, the soil matrix color at ten (10) inches below the surface was 10YR 3/1 silty clay loam with 5% redox concentrations of 10YR 4/6 (Munsell Soil Color, 1992). The hydric soil criterion is met by the presence of a redox dark surface (F6).

This observed field soil profile is concurrent with the USDA Soil Survey for Allen County:

> Ap-0 to 25 cm (10 inches); very dark brown (10YR 2/2) clay loam, grayish brown (10YR 5/2) dry; weak medium granular structure; firm; 3 percent gravel; slightly acid; abrupt smooth boundary.
>
> A-25 to 33 cm (10 to 13 inches); very dark brown (10YR 2/2) clay loam; weak medium angular blocky structure; firm; 3 percent gravel; slightly acid; gradual wavy boundary.
>
> Btg1--33 to 64 cm (13 to 25 inches); dark gray (10YR 4/1) silty clay; moderate medium angular blocky structure; firm; many faint dark gray (10YR 4/1) clay films on faces of peds; common medium faint very dark gray (10YR 3/1) organic masses; common medium prominent strong brown (7.5YR 5/6) masses of oxidized iron in the matrix; about 2 percent gravel; slightly acid; gradual wavy boundary.

Step 4 – Determine Whether Hydric Soils Were Formerly Present. The Allen County Soil Survey identified hydric soils were present within this area. Observed soils in this area and reference wetland are consistent with the Pewamo classification. The hydric soil criterion is met by the presence of hydric soil indicators (redox dark surface).

Subsection 3 – Hydrology

Step 1 – Describe the Type of Alteration. No change to hydrology

Step 2 – Describe Effects of Alteration on Area Hydrology. Water sheds from south to northeast toward the roadside swale. The removal of woody vegetation likely raised the water table and reduced transpiration.

Step 3 – Characterize the Hydrology that Previously Existed in the Area.

a. **Stream of Tidal Gauge Data.** The site in question is not associated with a stream or other monitored surface water.

b. **Field Hydrologic Indicators.** Soil was saturated to the soil surface and 1 to 2 inches of inundation was present within the tire ruts

c. **Aerial Photography.** Soil saturation is present within the reviewed aerial photographs.

Step 4 – Determine Whether Wetland Hydrology Previously Occurred. The wetland hydrology determination within this area is based upon the presence of wetland hydrology indicators in the review aerial photographs prior to clearing and the presence of wetland hydrology indicators observed in the field investigation. The wetland hydrology criterion is considered met by the potential presence of primary and two secondary indicators (saturation, inundation, geomorphic position and FAC-Neutral Test).

ATYPICAL WETLAND DELINEATION SUMMARY

Section I exhibits wetland hydrology indicators were evident in the reviewed aerial photographs. For Section I, 0.94 acres of wetland was delineated through both field determinations and by evaluating wetland signatures in the aerial photographs.

CONCLUSIONS AND RECOMMENDATIONS

In Indiana, *waters of the United States*, including wetlands, are subject to regulation by the ACOE and/or the Indiana Department of Environmental Management (IDEM). Under Sections 404 and 401 of the Clean Water Act, the ACOE and/or the IDEM have jurisdiction over any activity that involves the placement of fill into, and/or excavation of delineated *water of the United States.* Wetlands located adjacent to *waters of the United States* or that have a connection to interstate commerce are considered *waters of the United States*.

Section I was determined to be an isolated water. The jurisdictional status of delineated waters identified in this report are based upon Earth Source's interpretation of 1987 *Corps of Engineers Wetlands Delineation Manual* (TRY-87-1), Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0) and Rapanos guidance. The ACOE is the regulatory authority with regard to wetlands or other *waters of the United States*. *Waters* not regulated under Section 401 and 404 of the Clean Water Act are regulated by the State of Indiana under IC 13-18-22.

Generally, impacts (fill and/or drainage) to federally and state regulated wetland areas will require notification and authorization through the ACOE and IDEM. In general, if impacts are limited to less than 1,500 linear feet (not to exceed 1.0 acre) of a stream channel or 1.0 acre of headwater wetlands or other *waters of the United States*, the project may qualify for authorization under the Regional or Nationwide General Permit Program (RGP

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& NWP). The general permit program is a simplified process that provides for general permits within a 45 to 60-day time frame. Impacts to greater than 1,500 linear feet of stream channel or 1.0 acre of headwater wetland will require an Individual Permit. The Individual permit process requires a more intensive and lengthy review of the project, practical alternatives analysis, 30-day public notice period, and potential public hearing. The average Individual Permit process will run 4 to 6 months. In either case, permitted impacts will require mitigation or replacement, generally at a ratio greater than that of the area impacted. Normal mitigation ratios are 2:1 replacement for impacts to emergent wetlands; 3:1 for scrub/shrub wetlands; and 4:1 for forested impacts. Impacts to less than 0.10 acre and 300 linear feet of *waters of the United States* typically will not require mitigation but involve submittal of notification to the agencies at least 30 days prior to project initiation.

In order for a wetland to be classified as isolated an approved jurisdictional determination must be provided by the ACOE. Wetland "Class" must be approved by IDEM and typically, a notice of exemption is to be filed with IDEM. Exempt isolated wetlands are "Class I" wetlands and "Class II" wetlands described as the following and may limited to the larger of: 1) the acreage of an individual isolated "Class II" wetland delineated as three-eighths (3/8) acre or less; 2) sixty percent (60%) of the cumulative acreage of all individual isolated "Class II" wetlands delineated as three-eighths (3/8) acre or less. "Exempt" waters of the State (isolated wetlands), typically will not require mitigation but involve submittal of notification to the agencies at least 15 days prior to project initiation. A permit is not required for dredge and fill activities in a "Class II" wetland that is 1) located within the boundaries of a municipality and 2) has a delineated area of not more than three-fourths (3/4) acre. Impacts to "Class II" wetlands that meet these criteria typically will not require mitigation, but involve submittal of notification to the agencies prior to project initiation. For isolated wetlands, impacts to "Class III" wetlands will require an Individual Permit. Non-exempt "Class II" wetlands may qualify for the general permit program analogous to those allowed under the RGP and NWP for minimal impacts, or otherwise requires an Individual Permit. Compensatory mitigation shall be provided in accordance with the following Table 2:

Table 2. Isolated Wetland Compensatory Mitigation Ratios

Wetland Class	Replacement Class	On-site and In-Lieu Fee Ratio	Off-site Ratio
Class II	Class II or III	1.5 to 1 Non-forested	2 to 1 Non-forested
		2 to 1 Forested	2.5 to 1 Forested
Class III	Class III	2 to 1 Non-forested	2.5 to 1 Non-forested
		2.5 to 1 Forested	3 to 1 Forested

Compensatory mitigation ratios may be lowered to 1 to 1 if the mitigation is completed before the initiation of the wetland activity. Also, exempt isolated wetlands may be used to provide compensatory mitigation for wetlands activities in state regulated wetlands.

SUMMARY OF ACRONYMS AND REFERENCES

Indicator Status Acronyms:

OBL (Obligate Wetland). Occur almost always in wetlands.
FACW (Facultative Wetland). Usually occur in wetlands.
FAC (Facultative). Likely to occur in wetlands or uplands.
FACU (Facultative Upland). Usually occur in uplands.
UPL (Obligate Upland). Occur almost always in uplands.
N/I (No Indicator). Indicator status unavailable.

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APPENDIX A

DATA FORMS

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: UEF-DarusSalam Masjid | City/County: Fort Wayne/Allen | Sample Date: 5/15/2024
Applicant/Owner: Amana Construction, Inc. | State: IN | Sample Point: T1P1
Investigator(s): Ashlee Nichter | Section: Township, Range: Section 27, T31N, R12E
Landform (hillslope, terrace, etc.): Hillslope | Local relief (concave, convex, none): Convex
Slope (%): 0 | Lat: 41.108541° | Long: -85.171532° | Datum: WGS 84
Soil Map Unit Name: Glynwood Silt loam | NWI classification: None
Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks:
Upland old field under power lines, upslope

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Rubus allegheniensis*	30	X	FACU
2. *Sambucus nigra*	5		FAC
3. *Cornus racemosa*	5		FAC
4.			
5.			
	40 = Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Solidago canadensis*	40	X	FACU
2. *Conium maculatum*	30	X	FACW
3. *Parthenocissus quinquefolia*	10		FACU
4. *Poa pratensis*	5		FAC
5. *Oldfield Cinquefoil*	5		FACU
6. *Galium aparine*	5		FACU
7.	5		
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 3 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 33 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL **Sampling Point: T1P1**

Profile Description: Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-24	10YR 4/2	90	10YR 5/6	10	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):
Type:
Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked all that apply)

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)		Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? **Yes** **No** X

Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T1P2
Community: Upland Scrub-shrub/ old field

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically removed

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Herbaceous stratum plant list:

Parthenocissus quinquefolia	10%	FACU
Solidago canadensis	5%	FACU
Rosa multiflora	5%	FACU
Fraxinus pennsylvanica	5%	FACW
Erythronium americanum	2%	UPL

4. Hydrophytic Vegetation? Yes_____ No_____X_____

B. SOIL:

1. Type of Alteration:

No soil alternation present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-24	10YR 3/1	90%	10YR 5/6	10%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Glynwood Silt Loam according to the USDA Allen County Soil Survey. The Glynwood series is not listed as hydric, but may have hydric soil inclusions per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   This area is located on a 10% hillslope. Water sheds from south to north toward the wetland area. The removal of woody vegetation would likely raise the water table and reduce transpiration.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   No indicators of wetland hydrology were present.

   Aerial Photography.
   No indicators of wetland hydrology were present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____ No_____X_____

.

Characterized by:
Ashlee Nichter

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T1P3
Community: Section I – Scrub-shrub/Emergent Wetland

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically removed.

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Sapling/Shrub stratum plant list:

Cornus racemosa	10%	FAC
Quercus palustris	5%	FACW

Herbaceous stratum plant list:

Carex granularis	10%	FACW
Lycopus americanus	10%	OBL
Poa pratensis	10%	FAC
Carex vulpinoidea	5%	FACW
Scirpus atrovirens	2%	OBL

4. Hydrophytic Vegetation? Yes_____X_____ No_____

B. SOIL:

1. Type of Alteration:

Tire ruts were present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-12	10YR 3/1	95%	10YR 4/6	5%	C	M	Silty Clay Loam
12-24	10YR 4/1	90%	10YR 4/6	5%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Pewamo Silty Clay Loam according to the USDA Allen County Soil Survey. The Pewamo series is listed as hydric per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   Water sheds from south to north toward the wetland area. The removal of woody vegetation would likely raise the water table and reduce transpiration.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   Soil was saturated to the soil surface and 1 to 2 inches of inundation was present within the tire ruts.

   Aerial Photography.
   Soil saturation is present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____X_____ No_____

.
Characterized by:
Ashlee Nichter

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T1P4
Community: Section I – Scrub-shrub/Emergent Wetland

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically removed

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Herbaceous stratum plant list:

Poa pratensis	10%	FAC
Carex scoparia	10%	FACW
Populus deltoides	10%	FAC
Lycopus americanus	5%	OBL

4. Hydrophytic Vegetation? Yes_____X_____ No_____

B. SOIL:

1. Type of Alteration:

Tire ruts were present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-6	N 3/	90%	10YR 4/6	10%	C	M	Silty Clay Loam
6-24	10YR 3/1	90%	10YR 4/6	5%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Glynwood Silt Loam according to the USDA Allen County Soil Survey. The Glynwood series is not listed as hydric, but may have hydric soil inclusions per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   Tire ruts presents

2. **Effect on Hydrology:**

   Water sheds from south to north toward the wetland area. The removal of woody vegetation would likely raise the water table and reduce transpiration. Water collects in the tire ruts.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   The soil was saturated and 1 to 2" of inundation was present.

   Aerial Photography.
   Soil saturation is present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____X_____ No_____

.

Characterized by:
Ashlee Nichter

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: UEF-DarusSalam Masjid | City/County: Fort Wayne/Allen | Sample Date: 5/15/2024
Applicant/Owner: Amana Construction, Inc. | State: IN | Sample Point: T1P5
Investigator(s): Ashlee Nichter | Section: Township, Range: Section 27, T31N, R12E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 41.108541° | Long: -85.171532° | Datum: WGS 84
Soil Map Unit Name: Glynwood Silt Loam | NWI classification: None
Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks:
Mown lawn

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	65	X	FAC
2. *Trifolium repens*	15		FACU
3. *Taraxacum officinale*	10		FACU
4. *Festuca rubra*	10		FACU
5.			
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:
OBL species	0	x 1 = 0
FACW species	0	x 2 = 0
FAC species	65	x 3 = 195
FACU species	35	x 4 = 140
UPL species	0	x 5 = 0
Column Totals:	100 (A)	335 (B)

Prevalence Index = B/A = 3.35

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
X Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

Remarks: (Include photo numbers here or on a separate sheet.)
The lawn does not pass the prevalence index.

SOIL

Sampling Point: T1P5

Profile Description: Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-24	10YR 3/1	90	10YR 5/6	10	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)		Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)	X	Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked all that apply)

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)		Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? Yes No X

Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: UEF-DarusSalam Masjid | City/County: Fort Wayne/Allen | Sample Date: 5/15/2024
Applicant/Owner: Amana Construction, Inc. | State: IN | Sample Point: T1P6
Investigator(s): Ashlee Nichter | Section: Township, Range: Section 27, T31N, R12E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 41.108541° | Long: -85.171532° | Datum: WGS 84
Soil Map Unit Name: Glynwood Silt Loam | NWI classification: None
Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks:
Mown Lawn

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	20	X	FAC
2. *Trifolium repens*	20	X	FACU
3. *Fragaria virginiana*	20	X	FACU
4. *Medicago lupulina*	20	X	FACU
5. *Festuca rubra*	20	X	FACU
6.			
7.			
8.			
9.			
10			
	100 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 5 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 20 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:
OBL species		x 1 =
FACW species		x 2 =
FAC species		x 3 =
FACU species		x 4 =
UPL species		x 5 =
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL **Sampling Point: T1P6**

Profile Description: Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-24	10YR 4/2	90	10YR 5/6	10	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked all that apply)

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)		Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? **Yes** **No** X

Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T2P1
Community: Upland scrub-shrub

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically cleared

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Herbaceous stratum plant list:

Solidago canadensis	40%	FACU
Cirsium arvense	20%	FACU
Alliaria petiolata	20%	FAC
Parthenocissus quinquefolia	10%	FACU
Rubus occidentalis	10%	UPL
Cornus racemosa	5%	FAC

4. Hydrophytic Vegetation? Yes_____ No_____X_____

B. SOIL:

1. Type of Alteration:

No soil alternation present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-13	10YR 4/2	95%	10YR 5/6	5%	C	M	Silty Clay Loam
13-24	10YR 4/1	95%	10YR 5/6	5%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Pewamo Silty Clay Loam according to the USDA Allen County Soil Survey. The Pewamo series is listed as hydric per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   Water sheds from south to north toward the wetland area. The removal of woody vegetation would likely raise the water table and reduce transpiration.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   No indicators of wetland hydrology were present.

   Aerial Photography.
   No indicators of wetland hydrology were present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____ No_____X_____

.

Characterized by:
Ashlee Nichter

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T2P2
Community: Upland scrub-shrub

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically removed.

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Herbaceous stratum plant list:

Rubus occidentalis	10%	UPL
Solidago canadensis	10%	FACU
Fragaria virginiana	5%	FACU
Fraxinus pennsylvanica	5%	FACW
Cornus racemosa	5%	FAC

4. Hydrophytic Vegetation? Yes_____ No_____X_____

B. SOIL:

1. Type of Alteration:

No soil alternation present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-4	10YR 3/2	95%	10YR 5/6	5%	C	M	Silty Clay Loam
4-10	10YR 4/2	95%	10YR 5/6	5%	C	M	Silty Clay Loam
10-24	10YR 5/2	85%	10YR 5/6	15%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Pewamo Silty Clay Loam according to the USDA Allen County Soil Survey. The Pewamo series is listed as hydric per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   Water sheds from south to north toward the wetland area. The removal of woody vegetation would likely raise the water table and reduce transpiration.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   No indicators of wetland hydrology were present.

   Aerial Photography.
   No indicators of wetland hydrology were present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____ No_____X_____

.

Characterized by:
Ashlee Nichter

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T2P3
Community: Section I –Emergent Wetland

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically removed

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Herbaceous stratum plant list:

Carex radiata	25%	FAC
Ranunculus sceleratus	15%	OBL
Glyceria striata	10%	OBL

4. Hydrophytic Vegetation? Yes_____X_____ No_____

B. SOIL:

1. Type of Alteration:

Tire ruts were present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-6	10YR 3/1	90%	10YR 4/6	10%	C	M	Silty Clay Loam
6-24	10YR 4/1	90%	10YR 4/6	10%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Pewamo Silty Clay Loam according to the USDA Allen County Soil Survey. The Pewamo series is listed as hydric per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   Water sheds from south to north toward the wetland area. The removal of woody vegetation would likely raise the water table and reduce transpiration..

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   The soil was saturated on the surface and <1" of inundation was present.

   Aerial Photography.
   Soil saturation is present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____X_____ No_____

.

Characterized by:
Ashlee Nichter

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T2P5
Community: Gravel Lot

A. <u>VEGETATION</u>:

1. Type of Alteration:

The vegetation and soil were removed and replaced with gravel

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer is sprouting between the gravel

3. Current Vegetation: See T1P5 for lawn point

Herbaceous stratum plant list:

Poa pratensis	10%	FAC
Ambrosia artemisiifolia	10%	FACU
Trifolium repens	5%	FACU
Cornus racemosa	10%	FAC
Plantago major	5%	FAC
Apocynum cannabinum	2%	FAC
Taraxacum officinale	2%	FACU

4. Hydrophytic Vegetation? Yes_____ No_____X_____

B. <u>SOIL:</u>

1. Type of Alteration:

Soil was excavated and replaced the top layer with gravel

2. Effect on Soils:

The soil profile could not be taken due to the presence of gravel.

3. Current Soils:

<u>Soil Survey.</u>
This area mapped as Glynwood Silt Loam according to the USDA Allen County Soil Survey. The Glynwood series is not listed as hydric, but may have hydric soil inclusions per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____ No_____X_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   Water sheds from northeast toward the roadside swale.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   No indicators of wetland hydrology were present.

   Aerial Photography.
   No indicators of wetland hydrology were present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____ No_____X_____

Characterized by:
Ashlee Nichter

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: UEF-DarusSalam Masjid | City/County: Fort Wayne/Allen | Sample Date: 5/15/2024
Applicant/Owner: Amana Construction, Inc. | State: IN | Sample Point: T3P1
Investigator(s): Ashlee Nichter | Section: Township, Range: Section 27, T31N, R12E
Landform (hillslope, terrace, etc.): Depression | Local relief (concave, convex, none): Concave
Slope (%): 0 | Lat: 41.108541° | Long: -85.171532° | Datum: WGS 84
Soil Map Unit Name: Glynwood Silt Loam | NWI classification: PFO1C
Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes	X	No		**Is the Sampled Area Within a Wetland?** **Yes** X **No** ____
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes	X	No		

Remarks:
Forested Wetland, offsite (south of powerlines)

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1. *Quercus macrocarpa*	30	X	FAC
2. *Quercus palustris*	30	X	FACW
3.			
4.			
5.			
	60	= Total Cover	
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1. *Frangula alnus*	20	X	FACW
2.			
3.			
4.			
5.			
	20	= Total Cover	
Herb Stratum (Plot size): 5-ft radius			
1. *Carex scoparia*	50	X	FACW
2. *Packera glabella*	10		FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10			
	60	= Total Cover	
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
		= Total Cover	

Dominance Test worksheet:
Number of Dominant Species That are OBL, FACW or FAC: 4 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals: (A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
____ Rapid Test for Hydrophytic Vegetation
X Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** X **No** ____

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: T3P1

Profile Description: Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/1	95	10YR 4/6	5	C	M	Silty Clay Loam	
8-24	10YR 4/1	95	10YR 4/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)	X	Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked all that apply)

X	Surface water (A1)	X	Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
X	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
X	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)		Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)	X	Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)	X	FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
X	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes	X	No		Depths (inches):	0
Water Table Present?	Yes	X	No		Depths (inches):	0
Saturation Present? (includes capillary fringe)	Yes	X	No		Depths (inches):	4

Wetland Hydrology Present? Yes X **No**

Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Water drains north to Section I

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T3P2
Community: Section I – Scrub-shrub/Emergent Wetland

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically removed

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: A forested wetland is present to the south (T3P1), however this community type is forested instead of emergent/scrub-shrub.

Herbaceous stratum plant list:

Carex scoparia	20%	FACW
Bidens frondosa	15%	FACW
Scirpus atrovirens	5%	OBL
Cyperus esculentus	5%	FACW
Rumex crispus	2%	FAC

4. Hydrophytic Vegetation? Yes_____X_____ No_____

B. SOIL:

1. Type of Alteration:

No soil alternation present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-24	10YR 3/1	90%	10YR 4/6	10%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Glynwood Silt Loam according to the USDA Allen County Soil Survey. The Glynwood series is not listed as hydric, but may have hydric soil inclusions per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   The wetland receives hydrology from the off-site wetland and water sheds from south to northeast toward the roadside swale. The removal of woody vegetation would likely raise the water table and reduce transpiration.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   Soil was saturated on the surface with <1" inundation present within tire ruts.

   Aerial Photography.
   Soil saturation is present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____X_____ No_____

.

Characterized by:
Ashlee Nichter

DATA FORM: ATYPICAL SITUATIONS

Applicant Name: Amana Construction
Location: Section 27, T31N, R12E, Allen CO, IN
Date: 5/15/2024

Project Name: UEF-DarusSalam Masjid
Sample Point: T3P3
Community: Upland scrub-shrub

A. VEGETATION:

1. Type of Alteration:

Original trees and shrubs were mechanically cleared

2. Effect on Vegetation:

Original vegetation was absent, but herbaceous layer regrowth was present.

3. Current Vegetation: No reference location was available

Herbaceous stratum plant list:

Solidago canadensis	20%	FACU
Podophyllum peltatum	15%	FACU
Cirsium arvense	10%	FACU
Rubus allegheniensis	5%	FACU

4. Hydrophytic Vegetation? Yes_____ No_____X_____

B. SOIL:

1. Type of Alteration:

No soil alternation present

2. Effect on Soils:

Soil profile is intact in this area

3. Current Soils:

0-10	10YR 3/1	95%	10YR 4/6	5%	C	M	Silty Clay Loam
10-24	10YR 4/1	90%	10YR 5/6	5%	C	M	Silty Clay Loam

Soil Survey.
This area mapped as Glynwood Silt Loam according to the USDA Allen County Soil Survey. The Glynwood series is not listed as hydric, but may have hydric soil inclusions per the Natural Resources Conservation Service, United States Department of Agriculture, State Hydric Soils List.

4. **Hydric Soils?** Yes_____X_____ No_____

C. HYDROLOGY:

1. **Type of Alteration:**

   No change to hydrology

2. **Effect on Hydrology:**

   Water sheds from south to northeast toward the roadside swale. The removal of woody vegetation would likely raise the water table and reduced transpiration.

3. **Previous Hydrology:**

   Stream or Tidal Gauge Data.
   The site in question is not associated with a stream or other monitored surface water.

   Field Hydrologic Indicators.
   No indicators of wetland hydrology were present.

   Aerial Photography.
   No indicators of wetland hydrology were present within the reviewed aerial photographs.

4. **Wetland Hydrology?** Yes_____ No_____X_____

.

Characterized by:
Ashlee Nichter

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: UEF-DarusSalam Masjid | City/County: Fort Wayne/Allen | Sample Date: 5/15/2024
Applicant/Owner: Amana Construction, Inc. | State: IN | Sample Point: T3P4
Investigator(s): Ashlee Nichter | Section: Township, Range: Section 27, T31N, R12E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 41.108541° | Long: -85.171532° | Datum: WGS 84
Soil Map Unit Name: Glynwood Silt Loam | NWI classification: None
Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes	X	No		
Wetland Hydrology Present?	Yes		No	X	

Remarks:
Lawn. The area is adjacent to a large dirt pile.

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Poa pratensis*	45	X	FAC
2. *Plantago major*	20	X	FAC
3. *Fragaria virginiana*	5		FACU
4. *Daucus carota*	5		UPL
5. *Trifolium repens*	5		FACU
6.			
7.			
8.			
9.			
10			
	80 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	65	x 3 =	195
FACU species	10	x 4 =	40
UPL species	5	x 5 =	25
Column Totals:	80 (A)		260 (B)
Prevalence Index = B/A =			3.25

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
X Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

Remarks: (Include photo numbers here or on a separate sheet.)
The lawn does not meet the prevalence index.

SOIL

Sampling Point: T3P4

Profile Description: Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 5/1	95	10YR 5/6	5	C	M	Silty Clay Loam	
12-24	10YR 4/1	95	10YR 5/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

	Histosol (A1)		Sandy Gleyed matrix (S4)		Coast Prairie Redox (A16)
	Histic Epipedon (A2)		Sandy Redox (S5)		Dark Surface (S7)
	Black Histic (A3)		Stripped Matrix (S6)		Iron-Manganese Masses (F12)
	Hydrogen Sulfide (A4)		Loamy Mucky Mineral (F1)		Very Shallow Dark Surface (TF12)
	Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		Other (Explain in Remarks)
	2 cm Muck (A10)	X	Depleted matrix (F3)		
	Depleted Below Dark Surface (A11)		Redox Dark Surface (F6)		[3]Indicators of hydrophytic vegetation and
	Thick Dark Surface (A12)		Depleted Dark Surface (F7)		wetland hydrology must be present,
	Sandy Mucky Mineral (S1)		Redox Depressions (F8)		unless disturbed or problematic.
	5 cm Mucky Peat or Peat (S3)				

Indicators for Problematic Hydric Soils[3]:

Restrictive Layer (if observed):

Type:

Depth (in.)

Hydric Soil Present? Yes X No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked all that apply)

	Surface water (A1)		Water-Stained Leaves (B9)		Surface Soil Cracks (B6)
	High Water Table (A2)		Aquatic Fauna (B13)		Drainage patterns (B10)
	Saturation (A3)		True Aquatic Plants (B14)		Dry-Season Water table (C2)
	Water marks (B1)		Hydrogen Sulfide Odor (C1)		Crayfish Burrows (C8)
	Sediment Deposits (B2)		Oxidized Rhizospheres on Living roots (C3)		Saturation Visible on Aerial Imagery (C9)
	Drift Deposits (B3)		Presence of Reduced Iron (C4)		Stunted or Stressed Plants (D1)
	Algal Mat or Crust (B4)		Recent Iron Reduction in Tilled Soils (C6)		Geomorphic Position (D2)
	Iron Deposits (B5)		Thin Muck Surface (C7)		FAC-Neutral Test (D5)
	Inundation Visible on Aerial Imagery (B7)		Gauge or Well Data (D9)		
	Sparsely Vegetated Concave Surface (B8)		Other (Explain in Remarks)		

Secondary Indicators (minimum of two required)

Field Observations:

Surface Water Present?	Yes		No	X	Depths (inches):
Water Table Present?	Yes		No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes		No	X	Depths (inches): >24

Wetland Hydrology Present? Yes No X

Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: UEF-DarusSalam Masjid | City/County: Fort Wayne/Allen | Sample Date: 5/15/2024
Applicant/Owner: Amana Construction, Inc. | State: IN | Sample Point: T4P1
Investigator(s): Ashlee Nichter | Section: Township, Range: Section 27, T31N, R12E
Landform (hillslope, terrace, etc.): Plain | Local relief (concave, convex, none): None
Slope (%): 0 | Lat: 41.108541° | Long: -85.171532° | Datum: WGS 84
Soil Map Unit Name: Glynwood Silt Loam | NWI classification: None
Are climatic/hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)
Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____
Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

Summary of Finding – Attach site map showing sampling point locations, transect, important features, etc.

Hydrophytic Vegetation Present?	Yes		No	X	**Is the Sampled Area Within a Wetland?** **Yes** ____ **No** X
Hydric Soil Present?	Yes		No	X	
Wetland Hydrology Present?	Yes		No	X	

Remarks:
Mown Lawn

Vegetation – Use scientific names of plants.

Tree Stratum (Plot size): 30-ft radius	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Sapling/Shrub Stratum (Plot size): 15-ft radius			
1.			
2.			
3.			
4.			
5.			
	= Total Cover		
Herb Stratum (Plot size): 5-ft radius			
1. *Festuca rubra*	20	X	FACU
2. *Poa pratensis*	20	X	FAC
3. *Plantago major*	20	X	FAC
4. *Trifolium repens*	20	X	FACU
5. *Viola sororia*	10		FAC
6.			
7.			
8.			
9.			
10			
	90 = Total Cover		
Woody Vine Stratum (Plot size): 30-ft radius			
9.			
10			
	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That are OBL, FACW, or FAC: 50 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:
OBL species		x 1 =
FACW species		x 2 =
FAC species		x 3 =
FACU species		x 4 =
UPL species		x 5 =
Column Totals:	(A)	(B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

____ Rapid Test for Hydrophytic Vegetation
____ Dominance Test > 50%
____ Prevalence Index is ≤ 3.0[1]
____ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
____ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? **Yes** ____ **No** X

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL **Sampling Point: T4P1**

Profile Description: Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color	%	Type[1]	Loc[2]	Texture	Remarks
0-24	10YR 3/3	95	10YR 4/6	5	C	M	Silty Clay Loam	

[1] Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2] Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ 2 cm Muck (A10)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ 5 cm Mucky Peat or Peat (S3)
- ___ Sandy Gleyed matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils[3]:

- ___ Coast Prairie Redox (A16)
- ___ Dark Surface (S7)
- ___ Iron-Manganese Masses (F12)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: ___

Depth (in.) ___

Hydric Soil Present? Yes ___ No X

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; checked all that apply)

- ___ Surface water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ True Aquatic Plants (B14)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Gauge or Well Data (D9)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage patterns (B10)
- ___ Dry-Season Water table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes	___	No	X	Depths (inches): ___
Water Table Present?	Yes	___	No	X	Depths (inches): >24
Saturation Present? (includes capillary fringe)	Yes	___	No	X	Depths (inches): >24

Wetland Hydrology Present? **Yes** ___ **No** X

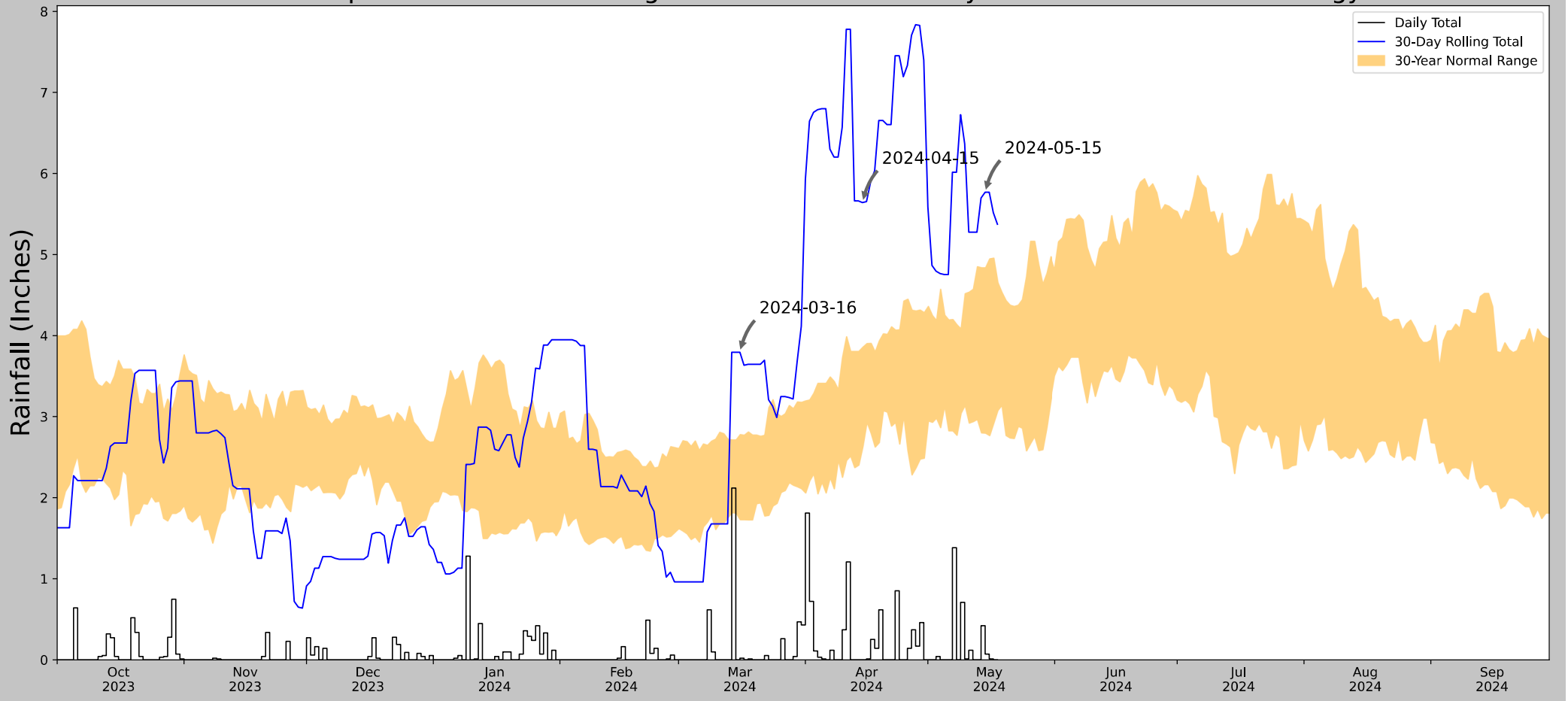
Describe Recorded Data (Stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

APPENDIX C

“TYPICAL YEAR” PRECIPITATION DATA

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	41.108541, -85.171532
Observation Date	2024-05-15
Elevation (ft)	807.575
Drought Index (PDSI)	Mild wetness (2024-04)
WebWIMP H_2O Balance	Wet Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2024-05-15	2.795276	4.833071	5.767717	Wet	3	3	9
2024-04-15	2.630315	3.854331	5.641732	Wet	3	2	6
2024-03-16	1.727953	2.776772	3.795276	Wet	3	1	3
Result							Wetter than Normal - 18

US Army Corps of Engineers

ERDC

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
FT WAYNE INTL AP	40.9725, -85.2064	796.916	9.574	10.659	4.41	11352	90

Project Name:	UEF-DARUSSALAM MASJID
Agent:	Earth·Source Inc 14921 Hand Road, Fort Wayne, IN 46818 (260) 489-8511 Fax (260) 489-8607

DATA POINT LOCATION MAP

0 200 FT 400 FT

Scale 1 IN = 200 FT

Applicant:

AMANA CONSTRUCTION, INC.
6116 MULFORD VILLAGE DRIVE
ROCKFORD, IL 61107

State: INDIANA		County: ALLEN
Township Name: WASHINGTON		
Township: T31N	Range: R12E	Section: SEC 27
Quadrangle: FORT WAYNE WEST (IN)		
Latitude/Longitude (WGS 84): 41.108541°, -85.171532°		
Date: 5-21-2024		Attachment: U8

Basemap: Farm Service Agency. 2022 Aerial. National Agriculture Imagery Program. U.S. Department of Agriculture. Salt Lake City, Utah.

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

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