

## PLAN COMMISSION MEETING AGENDA Thursday, May 8, 2025 at 6:00 P.M.

## A. Call to Order and Roll Call

## **B.** Approval of Minutes

Approval of the regular meeting of April 17, 2025.

#### C. Public Hearing Business Matters

- 1. **Department of City Development, Haselow Planned Development District**. Request for recommendation of an Ordinance to create Section 15-3.0449 of the Unified Development Ordinance for a new Planned Development District (PDD) to keep the owner's vested property rights in the new Unified Development Ordinance rewrite upon property located at 9140 S. 51st Street and to rezone said property from R-1E Countryside/Estate Single-Family Multiple Residence Upon a Single Lot Estate District to Planned Development District No. 44 (Haselow).
- 2. Bear Development, Rezoning (Public Hearing), Comprehensive Master Plan Amendment and Certified Survey Map. Request for recommendation of approval to amend the Future Land Use Map designation from Business Park to Residential Multi-Family and Commercial, to rezone property from M-1 Limited Industrial District to B-2 General Business District and R-8 Multiple-Family Residence District, and approval of a 2-Lot Certified Survey Map being a redivision of Lot 80 and Lot 81 of Ryan Meadows for property located at 11590 W. Meadowview Drive.
- **D. Citizen comment period.** Citizens may comment upon the Business Matter items set forth on this Meeting Agenda.

#### E. Business Matters

- 1. Ascension Hospital Food Truck Event, Temporary Use. Request for approval of a Temporary Use Permit for a food truck operation until September 30, 2025 upon property located at 10101 S 27th Street.
- 2. **Home Depot Garden Center, Temporary Use.** Temporary Use application by Home Depot USA, Inc. for outdoor seasonal trees, shrubs and landscape bagged good sales, for property located at 6489 South 27<sup>th</sup> Street (714 9996 015).
- 3. **Home Path Financial, Miscellaneous.** Request for approval to allow for the installation of a fence within the 30-foot Landscape Bufferyard Easement upon Lot 6 of the Ryan Meadows subdivision, on property located at 9516 S. Bergamont Drive. (TKN 891 1006 000)
- 4. Croatian Eagles Soccer Club, Site Plan Amendment Time Extension. Request to amend Resolution 2024-021, to allow for a time extension for the paving of the parking lot, to be

completed no later than June 31, 2028, upon property located at 9100-9140 South 76th Street.

5. **Department of City Development, Comprehensive Master Plan Amendment.** An application for a Comprehensive Master Plan Amendment Commercial, Business Park and Areas of Natural Resource Features Use to Institutional and Areas of Natural Resource Features. The site of the proposed CMP Amendment and is one vacant property of approximately 67.3 acres generally located on the south side of Ryan Rd., addressed as 0 W RYAN RD (TKN 896 9996 001)

## F. Adjournment

The YouTube channel "City of Franklin WI" will live stream the Plan Commission meeting so the public can watch and listen to it at <u>https://www.youtube.com/c/CityofFranklinWIGov</u>. Any questions on this agenda may be directed to the Department of City Development's office at 414-425-4024, Monday through Friday, 8 AM – 4:30 PM.

\*Supporting documentation and details of these agenda items are available at City Hall during regular business hours. \*\*Notice is given that a majority of the Common Council may attend this meeting to gather information about an agenda item over which they have decision-making responsibility. This may constitute a meeting of the Common Council per *State ex rel. Badke v. Greendale Village Board*, even though the Common Council will not take formal action at this meeting.

[Note: Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information, contact the City Clerk's office at 414- 425-7500.]

REMINDERS: Next Regular Plan Commission Meeting: May 22, 2025.

#### A. Call to Order and Roll Call

Mayor John Nelson called the April 17, 2025 Plan Commission meeting to order at 6:00 p.m. in the Council Chambers at Franklin City Hall, 9229 West Loomis Road, Franklin, Wisconsin.

Present were Mayor John Nelson, Alderwoman Courtney Day, Alderman Nabil Salous, Commissioners Patrick Leon and Michael Shawgo. Excused were Commissioners Kevin Haley and Rebecca Specht. Also present were City Attorney Jesse Wesolowski, Planning Manager Régulo Martínez-Montilva and Director of Administration Kelly Hersh. Alderman Jason Craig, Chief of Police Craig Liermann and Assistant Chief Eric Stowers attended.

#### B. Approval of Minutes – Regular Meeting of April 3, 2025.

Commissioner Leon moved and Commissioner Shawgo seconded a motion to approve the April 3, 2025 meeting minutes. On voice vote, all voted 'aye'; motion carried (4-0-2).

#### C. Public Hearing Business Matters

1. Update to the city's noise regulations. An Ordinance to amend Chapter 183 Article XIII Noise and Vibrations of the Municipal Code and repeal Section 15-3.1107 Noise of the Unified Development Ordinance.

Planning Manager Martínez presented the update to the City's noise regulations request.

The Official Notice of Public Hearing was read in to the record by Planning Manager Martínez and the Public Hearing opened at 6:15 pm and closed at 6:25 pm.

Commissioner Shawgo moved and Alderwoman Day seconded a motion to table until further information from JPM is available. On roll call, four 'ayes', one abstention and two absences; motion carried (4-0-2).

**D.** Citizen comment period. Citizens may comment upon the Business Matter items set forth on this meeting agenda.

The citizen comment period opened at 6:48 p.m. and closed at 7:01 p.m..

#### **E.** Business Matters

**1.** Rock'n Food Truck Rally, Temporary Use. Food truck event from May 29 to October 31, 2025 (Thursdays only) at the Umbrella Bar upon property located at 7005 S. Ballpark Drive (744 1003 000).

Planning Manager Martínez presented the Temporary Use application request.

Commissioner Leon moved and Alderwoman Day seconded a motion to adopt a Resolution imposing conditions and restrictions for the approval of a Temporary Use for the Rock'n Food

Truck Rally for property located at 7005 S. Ballpark Drive, with a 15-minute correction period when exceeding maximum sound levels, and to recommend to the Common Council a maximum sound level of 60 dba (all sound meters). (ROC Ventures, LLC, applicant). On roll call, four 'ayes', one 'no' and two absences; motion carried (4-1-2).

2. Franklin Field, Temporary Use. 2025 baseball season from March 21 to September 1, and related operations: food and beverage sales, beverage carts, food truck, graduation ceremony and candy drop; upon property located at 7035 S. Ballpark Drive (744 1003 000).

Planning Manager Martínez presented the Temporary Use application request.

Commissioner Leon moved and Alderwoman Day seconded a motion to adopt a Resolution imposing conditions and restrictions for the approval of a Temporary Use for the Franklin Field 2025 baseball season for property located at 7035 S. Ballpark Drive, with additional conditions: a 15-minute correction period when exceeding maximum sound levels; the applicant must submit a noise monitoring report prior to July 1, 2025; the applicant must conduct a sound check prior to the Milwaukee Milkmen season. The Plan Commission recommends to the Common Council a maximum sound level of 65 dba (all sound meters). (ROC Ventures, LLC, applicant). On roll call, four 'ayes', one 'no' and two absences; motion carried (4-1-2).

## 3. Department of City Development annual report (2024).

Planning Manager Martínez presented the report.

Commissioner Leon moved and Commissioner Shawgo seconded a motion to accept and place on file. On voice vote, all voted 'aye'; motion carried (4-0-2).

## F. Adjournment

Commissioner Leon moved and Commissioner Shawgo seconded to adjourn the meeting at 7:52 pm. On voice vote, all voted 'aye'; motion carried (4-0-2).



## CITY OF FRANKLIN

## **REPORT TO THE PLAN COMMISSION**

## Meeting of May 8, 2025

### **Planned Development District**

**RECOMMENDATION:** Department of City Development staff recommends approval of the creation of a new Planned Development District No. 44 (Haselow)

Project Name:	Planned Development District No. 44 (Haselow)
Project Address:	9140 S 51 <sup>st</sup> Street
Applicant:	City of Franklin
Property Owner:	Dawn Boland and Joseph haselow
Current Zoning:	R-1E Countryside/Estate Single-Family Multiple Principal Residence Upon a Single Lot Estate District
2025 Comprehensive Plan:	Residential
Planner:	Luke Hamill, Associate Planner

#### **Introduction:**

As part of the City of Franklin's Unified Development Ordinance Rewrite project, the existing R-1E zoning district is proposed to be removed. Since there are specific standards within this zoning district, and 9140 S 51<sup>st</sup> Street is the only parcel in the city zoned R-1E, it was recommended to the Plan Commission that a Planned Development District be created for this parcel, to retain the owner's vested property rights.

At its regular March 6, 2025 meeting, the Plan Commission carried a motion to recommend designating parcel at 9140 S 51<sup>st</sup> Street as Planned Development Legacy (in the new UDO), and direct staff to prepare a Planned Development District application for such parcel.

#### **Staff recommendation**

Department of City Development staff recommends approval of the creation of a new Planned Development District No. 44 (Haselow), subject to the conditions set forth in the attached draft ordinance.

STATE OF WISCONSIN

CITY OF FRANKLIN

MILWAUKEE COUNTY [Draft 4-29-25]

#### ORDINANCE NO. 2025-

## AN ORDINANCE TO CREATE SECTION 15-3.0449 OF THE FRANKLIN UNIFIED DEVELOPMENT ORDINANCE ESTABLISHING PLANNED DEVELOPMENT DISTRICT NO. 44 (*HASELOW*) AND TO REZONE PROPERTY FROM R-1E COUNTRYSIDE/ESTATE SINGLE-FAMILY MULTIPLE RESIDENCE UPON A SINGLE LOT ESTATE DISTRICT TO PLANNED DEVELOPMENT DISTRICT NO. 44 (9140 SOUTH 51<sup>ST</sup> STREET)

WHEREAS, a petition for zoning change having been filed to change the zoning on a tract of land (1 parcel) from R-1E Countryside/Estate Single-Family Multiple Residence Upon a Single Lot Estate District to a Planned Development District, which tract of land is located at 9140 South 51<sup>st</sup> Street, and which is more particularly described below; and

WHEREAS, the Plan Commission having determined that the proposed Planned Development District No. 44 (*Haselow*) is in conformance with the City of Franklin Comprehensive Master Plan and contains more than 3 acres; and

WHEREAS, a Public Hearing was held before the Plan Commission on the 8<sup>th</sup> day of May, 2025 and the Plan Commission having reviewed the Planned Development District No. 44 petition and having found that the proposed Planned Development District conforms to the standards for adoption of a Planned Development District, and having recommended to the Common Council that the creation of Planned Development District No. 44 be approved; and

WHEREAS, the Common Council having reviewed the petition and recommendation following the Public Hearing and having determined that the adoption of an ordinance to create Planned Development District No. 44 will promote the health, safety and welfare of the Community.

NOW, THEREFORE, the Mayor and Common Council of the City of Franklin, Wisconsin, do ordain as follows:

SECTION 1: §15-3.0102 (Zoning Map) of the Unified Development Ordinance of the City of Franklin, Wisconsin, is hereby amended to provide that the zoning district designation for the property described below be changed from R-1E Countryside/Estate Single-Family Multiple Residence Upon a Single Lot Estate District to Planned Development District No. 44 (*Haselow*) as is created under SECTION 2 of this ordinance: The Northerly 532 feet of the West 60 acres of the West ½ of the Southeast ¼ of Section 23, Town 5 North, Range 21 East, in the City of Franklin, County of Milwaukee, State of Wisconsin

SECTION 2: §15-3.0449 of the Unified Development Ordinance of the City of Franklin, Wisconsin, is hereby created to read as follows:

Section 15-3.0449 PLANNED DEVELOPMENT DISTRICT NO. 43 (HASELOW)

## A. **District Intent.**

1. Provide for EXECUTIVE type developments to allow for multiple attached and detached dwelling units with larger lot sizes, and moderate building, bulk and setback requirements to allow for accessory uses such as guest homes, caretaker quarters, family care providers and multi-generational living options, while providing adequate buffers for adjacent lower density residential developments.

2. No additional dwelling structure or an accessory structure shall be permitted upon a lot until an occupancy permit has been issued for a principal structure meeting the requirements of Table 15-3.0201E.

3. Dwelling units shall not be for rent, for multiple occupancy developments or uses found under SIC Code No. 7011 Hotels and Motels. Additional dwelling units shall be utilized by permitted uses or members of the functional family unit.

4. The Plan Commission may consider more than two principal buildings per lot where more than two principal buildings are needed for the orderly development of the parcel. When additional structures are permitted, the Plan Commission may impose additional yard requirements, floor area ratio limitations, residential density requirements, land use intensity requirements, landscaping requirements, or parking requirements, or may require a minimum separation distance between principal buildings.

5. A property zoned PDD 44 shall connect to the public sanitary sewer system and/or the public water system when such system(s) are available, as may otherwise be proscribed and required by the Municipal Code. A property zoned PDD 44, its primary zoning purpose being to support more than one dwelling unit, shall be considered a reason in favor of any proposed extension of pubic sanitary sewer or water abutting such property in the consideration thereof, and as such, deemed a property owner vote in favor of such extension upon any property owner survey which may be conducted or considered by the Common Council upon such proposed extension.

6. Multiple dwelling units located on a single lot shall be positioned to be harmonious to one another for the orderly development of the parcel and compatible with adjacent land uses. All structures shall consist of high-quality building materials and architectural design.

7. Be used in conjunction with and adjacent to other single-family residence districts, especially for development of infill lots and/or lots containing a significant amount of protected natural resource features. May also be used as a transitional district to other higher intensity multi-family residential use districts as greater setbacks are required. B.

## B. District Standards.

1. All dwelling structures shall meet the following minimum setbacks (The total height of the structure is measured from grade to the highest point of the structure. In instances where there is a slope in grade height is measured from the lowest point of the slope):

- C. **Permitted Uses.** See § 15-3.0602 of the Unified Development Ordinance in addition to the uses listed below.
  - 1. Up to two dwelling units (attached or detached
  - 2. One of the following uses permitted within the second principal dwelling structure:
    - (a) Guest house with kitchen facilities.
    - (b) Servant's living quarters.
    - (c) Property caretaker's living quarters.
    - (d) Family care providers living quarters, including family medical care and childcare.
  - 3. Accessory Structures per subsection E. below.
- D. **Special Uses.** See §15-3.0602, 15-3.0700 and 15-3.0702 of the Unified Development Ordinance in addition to the uses listed below.
- E. Accessory Uses and Standards. Accessory uses and structures shall be regulated by §15-3.0800 of the Unified Development Ordinance, except as otherwise stated below:
  - 1. Permitted accessory uses:
    - (a) Uses described in §15-3.0801 and definition found in Part 11 of the Unified Development Ordinance.
    - (b) Lighted recreational courts. Light poles utilized for recreational lighting shall not exceed 20 feet in height from grade and shall be shut off between 10:00 PM and 6:00 AM. All other standards of §15-5.0400 shall be met.
  - 2. Accessory structures shall not exceed 5,000 square feet.
  - 3. Accessory structures shall not exceed 50 feet in height.;
  - 4. Accessory structures shall meet the following setbacks (The total height of the

structure is measured from grade to the highest point of the structure. In instances where there is a slope in grade height is measured from the lowest point of the slope):

- (a) Accessory structures not exceeding 150 square feet and 15 feet in height shall be setback at least five feet from the side or rear lot lines.
- (b) Accessory structures not exceeding 150 square feet or 15 feet in height shall be located no closer than a distance equal to its height to the side or rear lot lines; however, in no case shall an accessory structu8re over 150 square feet be closer to 10 feet to a side or rear lot line.
- 5. Location. No part of an accessory structure shall be located in a front yard, corner side yard, or any rear yard abutting a street on a corner lot. For a rear yard abutting a street on a corner lot, the setback shall be the required corner side yard setback of the zoning district. Where the front of a principal structure is not on a corner lot, an accessory use or structure may be placed in the yard facing the arterial street provided that all zoning district front and side yard setbacks form the arterial street lot line are met.
- 6. Fences shall be allowed to locate property lines in all yards. Fences shall not exceed seven feet in height and shall meet all other requirements of §15-3.0802E of the Unified Development Ordinance.
- 7. Fences surrounding recreational facilities shall not exceed 20 feet in height.
- F. **Development Standards.** Refer to the below Table 1 for Development Standards:

Table 1			
PDD 44 Haselow District Standards			
Type of Standard	Principal Detached D.U.s	Second Detached D.U.	Special Use Option for additional dwelling structures
Minimum Open Space Ratio and Maximum Density			
Open Space Ratio (OSR)	0.00	N/A	N/A
Gross Density (GD)	0.435	N/A	N/A

Net Density (ND)	0.435	N/A	N/A
	Lot Dimensiona	l Requirements	
Minimum Lot Area (square feet)	217,800	N/A	N/A
Minimum Lot Width at Setback Line (feet)	250	N/A	N/A
Minimum Shore Buffer (feet)	75	75	75
Minimum Wetland Buffer (feet)	30	30	30
Minimum Wetland Setback (feet)	50	50	50
Maximum Lot Coverage (maximum percent of lot area)	0.15	N/A	N/A
Minimum Total Living Area per Dwelling Unit (D.U.)			
1-Story D.U. 3 Bedrooms	3,000 square feet	1,200 square feet	1,200 square feet
1-Story D.U. > 3 Bedrooms	150 square feet (a)	150 square feet (a)	150 square feet (a)
1-Story D.U. if Basement is < 600 Square Feet	250 square feet (b)	250 square feet (b)	250 square feet (b)
Multi-Story D.U. 3 Bedrooms	3,000 square feet — total & 2,000 square feet — 1st floor	1,200 square feet — total & 600 square feet — 1st floor	1,200 square feet — total & 600 square feet — 1st floor
Multi-Story D.U. > 3 Bedrooms	150 square feet (a)	150 square feet (a)	150 square feet (a)

Multi-Story D.U. if	250 square feet (b)	250 square feet (b)	250 square feet (b)
Basement is $< 600$			
Square Feet			
Maximum Building Height			
Principal Structure (stories/feet)	4.5/50	4.5/50	4.5/50

Notes:

## N/A = NOT APPLICABLE

(a) Add to minimum required building floor area for each bedroom in excess of three.

(b) Add to minimum required first floor area for each D.U. which has a basement less than 600 square feet

(c) Plus one additional foot for each two feet over 35 feet of building height.

(d) Plus five additional feet for each additional story above two stories of building height.

(e) See § 15-5.0108 for increased setback requirements along arterial streets and highways.

- SECTION 3: The terms and provisions of this ordinance are severable. Should any term or provision of this ordinance be found to be invalid by a court of competent jurisdiction, the remaining terms and provisions shall remain in full force and effect.
- SECTION 4: All ordinances and parts of ordinances in contravention to this ordinance are hereby repealed.
- SECTION 5: This ordinance shall take effect and be in force from and after its passage and publication.

Introduced at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_\_\_\_, 2025, by Alderman \_\_\_\_\_\_\_.

Passed and adopted at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_ day of \_\_\_\_\_, 2025.

## APPROVED:

John R. Nelson, Mayor

ATTEST:

Karen L. Kastenson, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_

## City of Franklin Property Viewer



4/8/2025, 8:49:09 AM

Aldermanic District

Parcel

0.08 mi

0.13 km

0.04

0.07

SEWRPC, Maxar, Microsoft

0

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0.02

0.03

## City of Franklin Property Viewer



4/17/2025, 3:09:28 PM

Parcel



CITY OF FRANKLIN

Item C.2.

## **REPORT TO THE COMMON COUNCIL**

## Meeting of May 8, 2025

## Comprehensive Master Plan Amendment, Rezoning, and Certified Survey Map

**RECOMMENDATION:** Staff recommends approval of the Comprehensive Master Plan Amendment, Rezoning, and Certified Survey Map for the condominium development project upon property located at 11590 W. Meadowview Drive.

Project name:	Bear Development Condominiums
Property Owner:	Loomis & Ryan, Inc.
Applicant:	Bear Development, LLC
Agent:	Daniel Szczap, Bear Development, LLC
Property Address/TKN:	11590 W. Meadowview Drive/891 1081 000
Aldermanic District:	District 6
Zoning District:	M-1 Limited Industrial District
Staff Planner:	Nick Fuchs, Planning Associate
Submittal date:	3-17-2025 (CMP Amend. & Rezoning) and 4-1-2025 (CSM)
Application number:	PPZ25-0052 (Rezoning), PPZ25-0053 (CMP Amend.) and PPZ25-0068 (CSM)

## **Project Description/Analysis**

The applicant filed a Comprehensive Master Plan (CMP) Amendment, Rezoning and Certified Survey Map (CSM) applications for a proposed condominium development located at 11590 W. Meadowview Drive.

In 2018, this property was part of a larger development area. At that time, Bear Development received approval to rezone Lot 2 of CSM No. 9095, which included this portion of land. The subject property, as it exists today, was created by the Ryan Meadows Subdivision Plat as Lot 81.

The subject property has an area of about 7.735-acres (336,826 square feet). The preliminary site plan proposes a public road extending north from W. Meadowview Drive surrounded by 17 two-family condominium units. The site plan also includes a private drive extending east from the public road with five additional two-family units. This results in a total of 22 buildings and 44 dwelling units.

The preliminary plans also include a proposed parking lot for the Irish Cottage bar and restaurant located to the north and east at 11433 W. Ryan Road. The site plan illustrates a berm adjacent to the parking lot to buffer and screen it from the proposed condos. Additional berms are located throughout the perimeter of the site.

## CMP Amendment

The Comprehensive Master Plan Amendment application requests amending the 2025 Future Land Use Map designation from Business Park to Multi-Family Residential for the proposed condominium portion of the development and Commercial for the land to be combined with the Irish Cottage property at 11433 W. Ryan Road, which is already designated as Commercial.

## Rezoning

The rezoning application requests to amend the zoning from M-1 Limited Industrial District to R-8 Multiple-Family Residence District for the condominium portion of the development and B-2 District for the land to be combined with the Irish Cottage property at 11433 W. Ryan Road, which is already zoned B-2 District.

It should be noted that the City is currently proposing to rezone this property to L1 - Limited Industrial as part of the UDO rewrite project.

## <u>CSM</u>

The proposed CSM subdivides the subject property into two lots and combines a portion of the lot to the Irish Cottage property at 11433 W. Ryan Road.

Lot 1 has an area of approximately 1.0813 acres and includes the northern portion of the subject property as well as the Irish Cottage property. This is the property that would be zoned B-2 District.

Lot 2 has an area of approximately 7.2330 acres. This property will consist of the condominium development and would be zoned R-8 District.

The applicant included a Natural Resource Protection Plan Map from April 25, 2019 that illustrates a wetland buffer and steep slopes within the subject project area. The applicant also provided staff with a letter from Heartland Ecological Group, Inc. indicating that there are no wetlands identified within this project area.

The CSM includes a 30-foot access easement on the property. The intent is to provide access from W. Meadowview Drive to the property located at 11555 W. Loomis Road, which currently has access from W. Loomis Road. This is consistent with Sheet 1 of the Ryan Meadow plat. It is anticipated that the applicant will make a request to the WisDOT to relocate the easement to accommodate the current site layout.

## Next Steps

With approval of these applications, the applicant would then be required to submit a Certified Survey Map to dedicate the public right-of-way, a Condominium (Final) Plat Application, and a Site Plan Application.

Under the current R-8 District, a Special Use would be required as well. However, under this zoning, the maximum density allowed would be 38 units; six units less than proposed with the private drive option. According to the applicant, there would also be an issue with minimum living area requirements. As such, the applicant would be seeking Common Council approval of modifications to the R-8 District development standards in accordance with Section 15-3.0701.7. of the UDO.

Under the draft R-M Multiple-unit Residence District of the new zoning code, the development would comply with density standards, and this district does not require a minimum living area.

## **Staff Recommendation:**

Staff recommends approval of the Comprehensive Master Plan Amendment, Rezoning, and Certified Survey Map for the condominium development project upon property located at 11590 W. Meadowview Drive.

STATE OF WISCONSIN

### CITY OF FRANKLIN PLAN COMMISSION

#### **RESOLUTION NO. 2025-**

## A RESOLUTION RECOMMENDING THE ADOPTION OF AN ORDINANCE TO AMEND THE CITY OF FRANKLIN 2025 COMPREHENSIVE MASTER PLAN TO CHANGE THE CITY OF FRANKLIN 2025 FUTURE LAND USE MAP FOR PROPERTY LOCATED 11590 WEST MEADOWVIEW DRIVE AND BEARING TAX KEY NUMBER 891 1081 000 FROM BUSINESS PARK TO RESIDENTIAL – MULTI-FAMILY AND COMMERCIAL, PURSUANT TO WIS. STAT. § 66.1001(4)(B)

WHEREAS, pursuant to Wis. Stat. §§ 62.23(2) and (3) and 66.1001(4), the City of Franklin is authorized to prepare and adopt and to amend a comprehensive plan as defined in Wis. Stat. §§ 66.1001(1)(a) and 66.1001(2); and

WHEREAS, pursuant to Wis. Stat. § 66.1001(4)(b), the Plan Commission may recommend the amendment of the Comprehensive Master Plan to the Common Council by adopting a resolution by a majority vote of the entire Commission, which vote shall be recorded in the official minutes of the Plan Commission; and

WHEREAS, Bear Development, LLC has applied for an amendment to the Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map designation for property located at 11590 West Meadowview Drive from Business Park to Residential – Multi-Family and Commercial, pursuant to the Comprehensive Master Plan Amendment Exhibit dated \_\_\_\_\_\_\_, 2025, on file with the Department of City Development, such property bearing Tax Key Number 891 1081 000, more particularly described as follows:

Lot 81 of Ryan Meadows, Being Lot1, Lot 2, Lot 3 and Outlot 1 of Certified Survey Map No. 9095 and additional lands in the Southwest ¼ and Northwest ¼ of the Northeast ¼ AND the Northeast ¼ of the Southwest ¼ AND the Northeast ¼ and the Southeast ¼ of the Northwest ¼ all in Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin.

Tax Key Number 891 1081 000.

WHEREAS, the Plan Commission having determined that the proposed amendment, in form and content as presented to the Commission on May 8, 2025, is consistent with the Comprehensive Master Plan's goals, objectives and policies and in proper form and content for adoption by the Common Council as an amendment to the 2025 Comprehensive Master Plan, subject to such modifications the Common Council may consider reasonable and necessary, following public hearing, in order to protect and promote the health, safety and welfare of the City of Franklin.

RESOLUTION NO. 2025 -\_\_\_\_ Page 2

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the application for and the proposed ordinance to amend the City of Franklin 2025 Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map designation for property located at 11590 West Meadowview Drive from Business Park to Residential – Multi-Family and Commercial, be and the same is hereby recommended for adoption and incorporation into the 2025 Comprehensive Master Plan by the Common Council.

Introduced at a regular meeting of the Plan Commission of the City of Franklin this 8th day of May, 2025.

Passed and adopted at a regular meeting of the Plan Commission of the City of Franklin this 8th day of May, 2025.

APPROVED:

ATTEST:

John R. Nelson, Chairman

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_

CITY OF FRANKLIN

#### ORDINANCE NO. 2025-

## AN ORDINANCE TO AMEND THE CITY OF FRANKLIN 2025 COMPREHENSIVE MASTER PLAN TO CHANGE THE CITY OF FRANKLIN 2025 FUTURE LAND USE MAP FOR PROPERTY BEARING TAX KEY NUMBER 891 1081 000 FROM BUSINESS PARK TO RESIDENTIAL – MULTI-FAMILY AND COMMERCIAL (11590 WEST MEADOWVIEW DRIVE) (BEAR DEVELOPMENT, LLC, APPLICANT)

WHEREAS, pursuant to Wis. Stat. §§ 62.23(2) and (3) and 66.1001(4), the City of Franklin is authorized to prepare and adopt and to amend a comprehensive plan as defined in Wis. Stat. §§ 66.1001(1)(a) and 66.1001(2); and

WHEREAS, Bear Development, LLC has applied for an amendment to the Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map designation for property located at 11590 West Meadowview Road from Business Park to Residential – Multi-Family and Commercial, pursuant to the Comprehensive Master Plan Amendment Exhibit dated \_\_\_\_\_\_, 2025, on file with the Department of City Development; and

WHEREAS, the Plan Commission of the City of Franklin by a majority vote of the entire Commission on May 8, 2025, recorded in its official minutes, has adopted a resolution recommending to the Common Council the adoption of the Ordinance to Amend the City of Franklin 2025 Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map for property bearing Tax Key Number 891 1081 000 from Business Park to Residential – Multi-Family and Commercial; and

WHEREAS, the City of Franklin held a public hearing upon this proposed Ordinance, in compliance with the requirements of Wis. Stat. § 66.1001(4)(d); the Common Council having received input from the public at a duly noticed public hearing on May 20, 2025; and

NOW, THEREFORE, the Mayor and Common Council of the City of Franklin, Wisconsin, do ordain as follows:

- SECTION 1: The City of Franklin 2025 Comprehensive Master Plan is hereby amended to change the City of Franklin 2025 Future Land Use Map designation for property located at 11590 West Meadowview Drive and bearing Tax Key Number 891 1081 000 from Business Park to Residential – Multi-Family and Commercial. Such property is more particularly described within Resolution No. 2024- \_\_\_\_\_ of even-date herewith.
- SECTION 2: The terms and provisions of this ordinance are severable. Should any term or provision of this ordinance be found to be invalid by a court of

 ORDINANCE NO. 2025-\_\_\_\_

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 competent jurisdiction, the remaining terms and provisions shall remain in full force and effect.

 SECTION 3:
 All ordinances and parts of ordinances in contravention to this ordinance are hereby repealed.

 SECTION 4:
 This ordinance shall take effect and be in force from and after its passage and publication.

Introduced at a regular meeting of the Common Council of the City of Franklin this 20th day of May, 2025, by <u>Alderman</u>\_\_\_\_\_.

Passed and adopted by a majority vote of the members-elect of the Common Council at a regular meeting of the Common Council of the City of Franklin this 20th day of May, 2025.

APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_

STATE OF WISCONSIN

CITY OF FRANKLIN

MILWAUKEE COUNTY [Draft 04-20-25]

#### ORDINANCE NO. 2025-\_\_\_\_

## AN ORDINANCE TO AMEND THE UNIFIED DEVELOPMENT ORDINANCE (ZONING MAP) TO REZONE THE PROPERTY BEARING TAX KEY NUMBER 891 1081 000 FROM M-1 LIMITED INDUSTRIAL DISTRICT TO R-8 MULTIPLE-FAMILY RESIDENCE DISTRICT AND B-2 GENERAL BUSINESS DISTRICT (11590 WEST MEADOWVIEW DRIVE) (BEAR DEVELOPMENT, LLC, APPLICANT)

WHEREAS, Bear Development, LLC having petitioned for the rezoning of approximately 7.735 acres of land, from M-1 Limited Industrial District to B-2 General Business District (for Lot 1 of the concurrently submitted Certified Survey Map) and R-8 Multiple-Family Residence District (for Lot 2 of the concurrently submitted Certified Survey Map), such land located at 11590 West Meadowview Drive and bearing Tax Key Number 891 1081 000; and

WHEREAS, a public hearing was held before the City of Franklin Plan Commission on the 8th day of May, 2025, upon the aforesaid petition and the Plan Commission thereafter having determined that the proposed rezoning would promote the health, safety and welfare of the City and having recommended approval thereof to the Common Council; and

WHEREAS, the Common Council having considered the petition and having concurred with the recommendation of the Plan Commission and having determined that the proposed rezoning is consistent with the 2025 Comprehensive Master Plan of the City of Franklin, Wisconsin and would promote the health, safety and welfare of the Community.

NOW, THEREFORE, the Mayor and Common Council of the City of Franklin, Wisconsin, do ordain as follows:

SECTION 1: §15-3.0102 (Zoning Map) of the Unified Development Ordinance of the City of Franklin, Wisconsin, is hereby amended to provide that the zoning district designation for property located at 11590 West Meadowview Drive and bearing Tax Key Number 891 1081 000 be changed from M-1 Limited Industrial District to B-2 General Business District (for Lot 1 of the concurrently submitted Certified Survey Map) and R-8 Multiple-Family Residence District (for Lot 2 of the concurrently submitted Certified Survey Map), as described below:

Lot 1 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5

North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 521.37 feet to a north line of Lot 81, Ryan Meadows; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said Lot 81, 302.82 feet to the Point of Beginning; Thence North 89°44'26" West, 79.44 feet to the southeasterly right of way line of West Loomis Road- State Trunk Highway "36 - United States Highway "45"; thence North 41°23'51" East along said right of way line, 206.07 feet to the south right of way line of West Ryan Road - County Trunk Highway "H"; thence South 89°44'26" East along said south right of way line, 353.92 feet; thence South 00°34'43" East, 84.00 feet; thence North 89°44'26" West, 259.64 feet; thence South 00°15'34" West, 71.20

feet; thence North 89°44'26" West, 151.64 feet to the Point of Beginning.

Lot 2 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 473.41 feet to the plat of Ryan Meadows, the southeasterly right of way line of West Loomis Road - United States Highway "45" and the Point of Beginning; Thence continuing South 00°34'43" East along said west line and along the northerly line of Ryan Meadows, 47.96 feet; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said northerly line, 302.82 feet; thence South 89°44'26" East, 151.64 feet; thence North 00°15'34" East, 71.20 feet; thence South 89°44'26" East, 259.64 feet to the platted east line of Lot 81, Ryan Meadows; thence South 00°34'43" East along said platted line of Rvan Meadows, 622.00 feet to the north line of Outlot 2 of Rvan Meadows; thence South 89°25'17" West along the north line of said Outlot 2, 327.05 feet; thence South 48°07'58" West along said north line, 142.71 feet to the north right of way line of Meadowview Drive; thence North 44°02'33" West along said right of way line, 91.29 feet; thence North 45°57'27" East along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of way, 369.79 feet to the aforesaid southeasterly right of way line of West Loomis Road and a point on a curve; thence northeasterly 90.22 feet along the arc of said curve to the left and said right of way, whose radius is 1979.86 feet and whose chord bears North 44°31'39" East, 90.21 feet to the Point of Beginning.

ORDINANCE NO. 2025-\_\_\_\_ Page 3

SECTION 2:	The terms and provisions of this ordinance are severable. Should any term or provision of this ordinance be found to be invalid by a court of competent jurisdiction, the remaining terms and provisions shall remain in full force and effect.
SECTION 3:	All ordinances and parts of ordinances in contravention to this ordinance are hereby repealed.
SECTION 4:	This ordinance shall take effect and be in force from and after its passage and publication.
Introduced at day of	a regular meeting of the Common Council of the City of Franklin this , 2025, by <u>Alderman</u> .
р 1 1 1	

Passed and adopted at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

## APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_

STATE OF WISCONSIN

CITY OF FRANKLIN

MILWAUKEE COUNTY

#### **RESOLUTION NO. 2025-**

A RESOLUTION CONDITIONALLY APPROVING A 2-LOT CERTIFIED SURVEY MAP, BEING A REDIVISION OF LOT 80 AND LOT 81 OF RYAN MEADOWS, IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 ALL IN SECTION 30, TOWNSHIP 5 NORTH, RANGE 21 EAST, CITY OF FRANKLIN, MILWAUKEE COUNTY, WISCONSIN (BEAR DEVELOPMENT, LLC, APPLICANT) (11590 WEST MEADOWVIEW DRIVE AND 11433 WEST RYAN ROAD)

WHEREAS, the City of Franklin, Wisconsin, having received an application for approval of a certified survey map, such map being a redivision of Lot 80 and Lot 81 of Ryan Meadows, in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4 all in Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, now being more particularly bounded and described and follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 473.41 feet to the plat of Ryan Meadows, the southeasterly right of way line of West Loomis Road - United States Highway "45" and the Point of Beginning; Thence continuing South 00°34'43" East along said west line and along the northerly line of Ryan Meadows, 47.96 feet; Thence South 89°23'13" East along said northerly line, 271.70 feet; Thence North 00°34'43" West along said northerly line, 302.82 feet; Thence North 89°44'26" West along said northerly line, 79.44 feet to the aforesaid southeasterly right of way line of West Loomis Road; Thence North 41°23'51" East along said right of way line, 206.07 feet to the south right of way line of West Ryan Road - County Trunk Highway "H"; Thence South 89°44'26" East along said south right of way line, 353.92 feet; Thence South 00°34'43" East along said platted line of Ryan Meadows, 706.00 feet to the north line of Outlot 2 of Ryan Meadows; Thence South 89°25'17" West along the north line of said Outlot 2, 327.05 feet; Thence South 48°07'58" West along said north line, 142.71 feet to the north right of way line of Meadowview Drive; Thence North 44°02'33" West along said right of way line, 91.29 feet; Thence North 45°57'27" East along said right of way line, 5.00 feet; Thence North 44°02'33" West along said right of way, 369.79 feet to the aforesaid southeasterly right of way line of West Loomis Road and a point on a curve; Thence northeasterly 90.22 feet along the arc of said curve to the left and said right of way, whose radius is 1979.86 feet and whose chord bears North 44°31'39" East, 90.21 feet to the Point of Beginning. Containing 362,170 square feet (8.3143 acres) of land Gross, more or less; and

WHEREAS, the Common Council having reviewed such application and Plan Commission recommendation and the Common Council having determined that such proposed certified survey map is appropriate for approval pursuant to law upon certain conditions.

## BEAR DEVELOPMENT, LLC – CERTIFIED SURVEY MAP RESOLUTION NO. 2025-\_\_\_\_ Page 2

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Common Council of the City of Franklin, Wisconsin, that the Certified Survey Map submitted by Bear Development, LLC, as described above, be and the same is hereby approved, subject to the following conditions:

- 1. That any and all objections made and corrections required by the City of Franklin, by Milwaukee County, and by any and all reviewing agencies, shall be satisfied and made by the applicant, prior to recording.
- 2. That all land development and building construction permitted or resulting under this Resolution shall be subject to impact fees imposed pursuant to §92-9 of the Municipal Code or development fees imposed pursuant to §15-5.0110 of the Unified Development Ordinance, both such provisions being applicable to the development and building permitted or resulting hereunder as it occurs from time to time, as such Code and Ordinance provisions may be amended from time to time.
- 3. Each and any easement shown on the Certified Survey Map shall be the subject of separate written grant of easement instrument, in such form as provided within the *City of Franklin Design Standards and Construction Specifications* and such form and content as may otherwise be reasonably required by the City Engineer or designee to further and secure the purpose of the easement, and all being subject to the approval of the Common Council, prior to the recording of the Certified Survey Map.
- 4. Bear Development, LLC, successors and assigns, and any developer of the Bear Development, LLC, two (2) lot certified survey map project, shall pay to the City of Franklin the amount of all development compliance, inspection and review fees incurred by the City of Franklin, including fees of consults to the City of Franklin, within 30 days of invoice for same. Any violation of this provision shall be a violation of the Unified Development Ordinance, and subject to §15-9.0502 thereof and §1-19 of the Municipal Code, the general penalties and remedies provisions, as amended from time to time.
- 5. The approval granted hereunder is conditional upon Bear Development, LLC and the 2 lot certified survey map project for the properties located at 11590 West Meadowview Drive and 11433 West Ryan Road: (i) being in compliance with all applicable governmental laws, statutes, rules, codes, orders and ordinances; and (ii) obtaining all other governmental approvals, permits, licenses and the like, required for and applicable to the project to be developed and as presented for this approval.
- 6. The applicant must resolve any technical corrections required by the Engineering or Planning Department, or the City Attorney's Office prior to the recording of the Certified Survey Map.

BE IT FURTHER RESOLVED, that the Certified Survey Map, certified by owners, Loomis & Ryan, Inc. and Loomis Cottage Ventures, LLC, be and the same is hereby rejected without final approval and without any further action of the Common Council, if any one, or more than one of the above conditions is or are not met and satisfied within 180 days from the

## BEAR DEVELOPMENT, LLC – CERTIFIED SURVEY MAP RESOLUTION NO. 2025-\_\_\_\_ Page 3

date of adoption of this Resolution.

BE IT FINALLY RESOLVED, that upon the satisfaction of the above conditions within 180 days of the date of adoption of this Resolution, same constituting final approval, and pursuant to all applicable statutes and ordinances and lawful requirements and procedures for the recording of a certified survey map, the City Clerk is hereby directed to obtain the recording of the Certified Survey Map, certified by owners, Loomis & Ryan, Inc. and Loomis Cottage Ventures, LLC, with the Office of the Register of Deeds for Milwaukee County.

Introduced at a regular meeting of the Common Council of the City of Franklin this 20th day of May, 2025.

Passed and adopted at a regular meeting of the Common Council of the City of Franklin this 20th day of May, 2025.

APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES NOES ABSENT

	APPLICATION DATE:	
Planning Department 9229 West Loomis Road Franklin, Wisconsin 53132 (414) 425-4024 franklinwi.gov	STAMP DATE:	
COMMON COUNCIL	REVIEW APPLICATION	
PROJECT INFORM	ATION [print legibly]	
APPLICANT [FULL LEGAL NAMES]	APPLICANT IS REPRESENTED BY [CONTACT PERSON]	
NAME: S.R. Mills	NAME: DANIGL SZCZAP	
COMPANY: Loomis ; Ryan, Ins.	COMPANY: Bear Development, LLC	
MAILING ADDRESS: 4011 80th Street	MAILING ADDRESS: 4011 Both Street	
CITY/STATE: Kenosha WI ZIP: 53142	CITY/STATE: Kenosha, WI ZIP: 53142	
PHONE: (262) 949-3788	PHONE: (262) 949-3788	
EMAIL ADDRESS: dan @ bear development.com	EMAIL ADDRESS: dan e beardeve lopment.com	
PROJECT PROPEI		
11590 Meadowview Drive	100 NUMBER 891-1081-000	
Loomis ; Ryan, Inc	PHONE: (262) 949-3788	
MAILING ADDRESS: 4011 Com Street	EMAIL ADDRESS: Jan @ beardevelopment.com	
CITY/STATE: Kenosha WI ZIP: 53192	DATE OF COMPLETION: office use only	
APPLICA	TION TYPE	
Please check the application	type that you are applying for	
Concept Review Comprehensive Master Plan Am	endment 🗆 Planned Development District 🗖 Rezoning	
Special Use / Special Use Amendment      Unified Development Ordinance Text Amendment		
Most requests require Plan Commission	n review and Common Council approval.	
Applicant is responsible for providing Plan Commission resubmitt	al materials up to 11 copies pending staff request and comments.	
SIGNA	TURES	
The applicant and property owner(s) hereby certify that: (1) all statements and other information submitted as part of this application are true and correct to the best of applicant's and property owner(s)' knowledge; (2) the applicant and property owner(s) has/have read and understand all information in this application; and (3) the applicant and property owner(s) agree that any approvals based on representations made by them in this Application and its submittal, and any subsequently issued building permits or other type of permits, may be revoked without notice if there is a breach of such representation(s) or any condition(s) of approval. By execution of this application, the property owner(s) authorize the City of Franklin and/or its agents to enter upon the subject property(ies) between the hours of 7:00 a.m. and 7:00 p.m. daily for the purpose of inspection while the application is under review. The property owner(s) grant this authorization even if the property has been posted against trespassing pursuant to Wis. Stat. §943.13.		
(The applicant's signature must be from a Managing Member if the business is an LLC, or from the President or Vice President if the business is a corporation. A signed applicant's authorization letter may be provided in lieu of the applicant's signature below, and a signed property owner's authorization letter may be provided in lieu of the owners of the property must sign this Application).		
I, the applicant, certify that I have read the following page detailing the requirements for plan commission and common council approval and submittals and understand that incomplete applications and submittals cannot be reviewed.		
PROPERTY OWNER SIGNATURE:	APPLICANT SIGNATURE	
NAME & TITLE: DATE:	NAME & TITLE: DATE:	
PROPERTY OWNER SIGNATURE:	APPLICANT REPRESENTATIVE SIGNATURE:	
NAME & TITLE: DATE:	NAME & TITLE: DANIEL SELEAP Projet Manager	

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CITY OF FRANKLIN APPLICATION CHECKLIST
If you have questions about the application materials please contact the planning department.
CONCEPT REVIEW APPLICATION MATERIALS
□ This application form accurately completed with signatures or authorization letters (see reverse side for more details). □ \$420 Application fee payable to the City of Franklin.
Three (3) complete collated sets of application materials to include
Three (3) project narratives. Three (3) copies of the Preliminary Site/Development Plan of the subject property(ies) and immediate surroundings on 8 % * X 11* or 1 17" paper (i.e., a scaled map identifying the subject property and immediate environs, including existing and proposed parcels, existing and proposed structures, existing and proposed land uses, existing and proposed zoning, existing and proposed infrastructure and utilities[approximate locations on and existing and proposed site conditions/site constraints [i.e. approximate locations of public road access, rights-of-way, natural resources/green space and drainage issues/concerns, etc.])
□ Three (3) colored copies of building elevations on 11" X 17" paper if applicable.
Email or flash drive with all plans / submittal materials.
COMPREHENSIVE MASTER PLAN AMENDMENT APPLICATION MATERIALS
This application form accurately completed with signatures or authorization letters (see reverse side for more details).
1,250 Application fee payable to the City of Franklin.
□ Word Document legal description of the subject property.
□ Three (3) complete collated sets of application materials to include
□ Three (3) project narratives.
Three (3) folded copies of a Site Development Plan / Map, drawn to reasonable scale, at least 11" X 17" paper or as determined by the City Plan or City Engineer, identifying the subject property and immediate environs, including parcels, structures, land use, zoning, streets and utilities, and natu resource features, as applicable.
us Email or flash drive with all plans / submittal materials.
<ul> <li>Requires a Class I Public Hearing Notice at least 30 days before the Common Council Meeting</li> </ul>
DI ANNED DEVELODMENT DICTORY (DDD)
This application form accurately completed with signatures or outle visation letters (see some side forms and to the letters)
Application fee payable to the City of Eraphia. Isolect and of the following.
$\square$ \$6 000: New PDD plus developer's deposit*
$\square$ (*) \$3,000 developer's deposit is required in addition to filing fees at the time of submittal, it may require replacible to the time of submittal.
$\Box$ \$5.900: PDD Major Amendment
□ \$850: PDD Minor Amendment
Word Document legal description of the subject property
□ Three (3) complete collated sets of application materials to include
Three (3) project parratives
<ul> <li>Three (3) folded full size, of the Site Plan Package, drawn to scale copies, on 24" x 36" paper, including Building Elevations, Landscape Plan, Outdo Lighting Plan, Natural Resource Protection Plan, Natural Resource Protection Report, etc. (See Sections 15-7.0101, 15-7.0301, and 15-5.0402 of the UDO information that must be denoted or included with each respective plan.)</li> </ul>
□ One (1) colored copy of the building elevations on 11" X 17" paper, if applicable.
One (1) copy of the Site Intensity and Capacity Calculations, if applicable (see division 15-3.0500 of the UDO)
LJ Email or flash drive with all plans / submittal materials.
<ul> <li>PDD and Major PDD Amendment requests require Plan Commission review, a public hearing, and Common Council approval.</li> <li>Minor PDD Amendment requests require Plan Commission review and Common Council approval.</li> </ul>
REZONING
This application form accurately completed with signatures or authorization letters (see reverse side for more details).
□ Application fee payable to the City of Franklin [select one of the following]
ם אסטט: one parcel residential.
Three (2) complete colleted sets of employed property.
Inter (a) complete contated sets of application materials to include
Three (3) folded earlies of a Plat Plan as Cita Plan ( ) and
or City Engineer, and fully dimensioned showing the area proposed to be rezoned, its location, its dimensions, the location and classification of adjacent zoning districts, and the location and existing use of all properties within 200 feet of the area proposed to be rezoned.
그 critall or flash or live with all plans / submittal materials. 그 Additional information as may be required.
<ul> <li>Additional notice to and approval required for amendments or rezoning in the FW, FC, FFO, and SW Districts</li> </ul>
Requires a Class II Public Hearing notice at Plan Commission.

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#### SPECIAL USE / SPECIAL USE AMENDMENT APPLICATION MATERIALS

This application form accurately completed with signatures or authorization letters (see reverse side for more details).

□ Application fee payable to the City of Franklin... [select one of the following]

□ \$2,500: New Special Use > 4000 square feet.

□ \$1,000: Special Use Amendment.

□ \$1,250: New Special Use < 4000 square feet.

U Word Document legal description of the subject property.

□ One copy of a response to the General Standards, Special Standards, and Considerations found in Section 15-3.0701(A), (B), and (C) of the UDO available at www.franklinwi.gov.

□ Three (3) complete collated sets of application materials to include ...

□ Three (3) project narratives.

□ Three (3) folded copies of the Site Plan package, drawn to scale at least 24" X 36", The submittal should include only those plans/items as set forth in Section 15-7.0101, 15-7.0301 and 15-5.0402 of the UDO that are impacted by the development. (e.g., Site Plan, Building Elevations, Landscape Plan, Outdoor Lighting Plan, Natural Resource Protection Plan, Natural Resource Protection Report, etc.

One (1) colored copy of the building elevations on 11" X 17" paper, if applicable.

Email or flash drive with all plans / submittal materials.

Additional information as may be required.

Special Use/Special Use Amendment requests require Plan Commission review, a Public Hearing and Common Council approval.

#### UNIFIED DEVELOPMENT ORDINANCE (UDO) TEXT AMENDMENT APPLICATION MATERIALS

□ This application form accurately completed with signatures or authorization letters (see reverse side for more details). □ \$1,250 Application fee payable to the City of Franklin.

□ Three (3) project narratives, including description of the proposed text amendment.

• Requires a Class II Public Hearing notice at Plan Commission.

The City's Unified Development Ordinance (UDO) is available at <u>www.franklinwl.gov</u>.



#### March 13, 2025

Mr. Regulo Martinez-Montilva Principal Planner 9229 W. Loomis Road Franklin, WI 53132

#### Re: Comprehensive Master Plan Amendment- Lots 80 & 81 Ryan Meadows

Dear Mr. Martinez-Montilva:

Bear Development is pleased to submit this letter and the enclosed submittal materials as formal application for a Comprehensive Master Plan Amendment for properties within Ryan Meadows Subdivision. Bear Development, LLC is acting on behalf of the record owners, Loomis & Ryan, Inc. and Loomis Cottage Ventures, LLC.

#### **Project Summary**

Loomis Cottage Ventures, LLC is the owner of record of .58 acres (25,344 SF) of improved land in the City of Franklin. The property is Lot 80 of the Ryan Meadows subdivision and is located at the southwest corner of STH 36 (Loomis Road) and Ryan Road.

Tax Key No:	891-1080-000.
Address:	11433 W. Ryan Road, Franklin, WI
Existing Zoning:	<b>B-2 General Business District</b>

**Existing Comprehensive Master Plan Designation:** Commercial **Proposed Comprehensive Master Plan Designation:**Commercial

Commercial (Irish Cottage Tavern)
Commercial
Vacant/Agriculture
Single Family Residential and Vacant
Vacant/Agriculture
STH 36

#### **Property History**

The property was platted and divided as part of the Ryan Meadows Subdivision. The subject property is used for commercial purposes as a tavern. The property includes public street frontage on Ryan Road and STH 36.

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Phone: 262.694.2327

www.beardevelopment.com



4011 80<sup>th</sup> Street, Kenosha, WI 53142



Loomis & Ryan, Inc. is the owner of record of 7.73 acres (336,826 SF) of vacant land in the City of Franklin. The property is Lot 81 of Ryan Meadows Subdivision.

Tax Key No:	891-1081-000
Address:	11590 W. Meadowview Drive, Franklin, WI
Existing Zoning:	M-1 Limited Industrial

The property is located on the north side of Meadowview Drive, just east of STH 36 (Loomis Road). The property also has public road frontage on Ryan Road. The subject property is vacant.

**Existing Comprehensive Master Plan Designation:** Business Park **Proposed Comprehensive Master Plan Designation:**Residential

Existing Land Use:	Vacant
Proposed Land Use:	Residential – 2 Family Condominiums
Adjacent Land Use	
North:	Vacant
South:	Single Family Residential and Vacant
East:	Single-Family Residential
West:	Business and Single-Family Residential

#### Property History

The property was platted and divided as part of the Ryan Meadows Subdivision. The subject property was improved with a public street (Meadowview Drive) and public utilities during the Ryan Meadows site development. The property includes public street frontage on Ryan Road to the north and Meadowview Drive to the south. The subject property was rezoned to the M-1 Limited Industrial District in 2017 during the approvals of the Ryan Meadows subdivision. It is currently vacan

#### **Proposed Amendments**

#### Lot 80 (Irish Cottage)

Bear Development, LLC has filed Land Division applications for a CSM that would reconfigure the existing Lot 80 and 81 to enlarge the Irish Cottage property to include an improved and safre property access. The applicant is respectfully requesting a Comprehensive Land Use Plan Amendment to designate the reconfigured property (shown as Lot 1 on the Certified Survey Map as Commercial.

#### Lot 81

Recognizing that the existing M-1 Limited Industrial zoning would allow land uses that, by right, that may be considered incompatible with the residential use that has been established in the area, Bear Development is respectfully requesting a Comprehensive Master Plan Amendment to the Residential classification.

Phone: 262.694.2327

www.beardevelopment.com



4011 80th Street, Kenosha, WI 53142



Enclosed for your consideration is a Conceptual Site Plan for the subject property, which includes a 2family condominium neighborhood fronting a public street. Example renderings of the proposed townhomes are also provided. Also included in the overall project is the reconfiguration of the Irish Cottage access drive and parking lot.

We feel the existing designation of Business Park, along with the existing M-1 Limited Industrial zoning, if activated with an allowed land use, could be detrimental to the existing residential land use in the area in terms of aesthetics, noise and land value.

Note: At the time of this application the City of Franklin is considering the adoption of an Updated UDO. While the property is currently zoned M-1 Limited Industrial it is likely that it will be classified as L-1 Limited Industrial at the time of Plan Commission and Common Council consideration.

Sample of Allowed Uses Permitted by Right in the L-1 Limited Industrial District :

- Auto Sales
- Car Wash
- Vehicle Fuel Sales
- Automotive Repair
- Brewery
- Equipment Rental, Sales and Service

Sample of Allowed Uses Permitted by Conditional Use in the L-1 Limited Industrial District:

- Light Industrial
- Adult Establishment
- Animal Boarding
- Self Storage
- Storage Yard

The applicant recognizes any future Residential land use would require additional entitlements including rezoning, land division, design engineering, etc., all of which require City of Franklin review and approval.

We feel that the proposed Comprehensive Amendments from Business Park to Commercial (Irish Cottage) and Business Park to Residential (Lot 81) are reasonable and rational requests that will designate the subject property with a Comprehensive Master Plan classification that is compatible with the surrounding land uses.

Phone: 262.694.2327

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www.beardevelopment.com



4011 80<sup>th</sup> Street, Kenosha, WI 53142



Should you have any questions regarding this request, please do not hesitate to contact me. I can be reached at (262) 842-0556 or by email, <u>dan@beardevelopment.com</u>

Thank you for your time and consideration and we look forward to discussing this project at the next available Common Council meeting.

Sincerely,

Daniel Szczap Bear Development, LLC

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4011 80<sup>th</sup> Street, Kenosha, WI 53142

## COMPREHENSIVE MASTER PLAN AMENDMENT EXHIBIT



# **REZONING EXHIBIT**


#### LEGAL DESCRIPTION:

Lot 1 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 521.37 feet to a north line of Lot 81, Ryan Meadows; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said Lot 81, 302.82 feet to the Point of Beginning;

Thence North 89°44'26" West, 79.44 feet to the southeasterly right of way line of West Loomis Road- State Trunk Highway "36 - United States Highway "45"; thence North 41°23'51" East along said right of way line, 206.07 feet to the south right of way line of West Ryan Road - County Trunk Highway "H"; thence South 89°44'26" East along said south right of way line, 353.92 feet; thence South 00°34'43" East, 84.00 feet; thence North 89°44'26" West, 259.64 feet; thence South 00°15'34" West, 71.20 feet; thence North 89°44'26" West, 151.64 feet to the Point of Beginning.

#### LEGAL DESCRIPTION:

Lot 2 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 473.41 feet to the plat of Ryan Meadows, the southeasterly right of way line of West Loomis Road - United States Highway "45" and the Point of Beginning;

Thence continuing South 00°34'43" East along said west line and along the northerly line of Ryan Meadows, 47.96 feet; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said northerly line, 302.82 feet; thence South 89°44'26" East, 151.64 feet; thence North 00°15'34" East, 71.20 feet; thence South 89°44'26" East, 259.64 feet to the platted east line of Lot 81, Ryan Meadows; thence South 00°34'43" East along said platted line of Ryan Meadows,

622.00 feet to the north line of Outlot 2 of Ryan Meadows; thence South 89°25'17" West along the north line of said Outlot 2, 327.05 feet; thence South 48°07'58" West along said north line, 142.71 feet to the north right of way line of Meadowview Drive; thence North 44°02'33" West along said right of way line, 91.29 feet; thence North 45°57'27" East along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of southeasterly right of way line of West Loomis Road and a point on a curve; thence northeasterly 90.22 feet along the arc of said curve to the left and said right of way, whose radius is 1979.86 feet and whose chord bears North 44°31'39" East, 90.21 feet to the Point of Beginning.







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**GIS Department** 9229 W. Loomis Rd. Franklin, WI 53132 www.franklinwi.gov

TRN - 9/109 09/Final Mapping/Chapter5/FLU 5\_7.24x38.msd

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Future

Land Use Map 2025

🏭 Sign in 🛛 —

Share

## CTTE DAT

SITE DATA	<b>FABLE</b>
MINIMUM LOT AREA:	6,000 SF (0.14 AC)
MINIMUM LOT WIDTH AT SETBACK LINE:	60 LF/ 75 LF CORNER
MINIMUM LANDSCAPE SURFACE RATIO:	0.40
YARD WIDTH:	THREE + UNIT BLDGS FRONT - 30' SIDE - 20' SIDE ON CORNER LOT - 30' REAR - 30'
	TWO UNIT BLDGS FRONT - 25' SIDE - 5' SIDE ON CORNER LOT - 15' REAR - 25' - D.U. 10' - GARAGE
BASE SITE AREA:	336,826 SF (7.73 AC)
LOT 1:	315,068 (7.23 AC)
PROPOSED BUILDINGS / AREA:	44 UNITS 51,480 SF (1.18 AC)
PROPOSED IMPERVIOUS AREA:	117,113 SF (2.69 AC)
PROPOSED GREEN SPACE AREA:	197,955 (4.54 AC)
EX. ZONING DISTRICT:	M-1 (LIMITED INDUSTRIAL DISTRICT)
PROP ZONING DISTRICT:	R-8 (MF RESIDENCE)
MAX LOT COVERAGE:	0.35
PROPOSED LOT COVERAGE:	0.16
OPEN SPACE RATIO REQUIREMENT:	0.00
GROSS DENSITY REQUIREMENT:	5.00
NET DENSITY REQUIREMENT:	5.00
LOT 2:	21,758 (0.50 AC)
PROPOSED IMPERVIOUS AREA:	11,828 SF (0.27 AC)
PROPOSED GREEN SPACE AREA:	9,930 SF (0.23 AC)

# 27 <u>development</u>

STATE TRUNK HIGHWAY 36

W MERDOWNIEW DR



## LOOMIS BP LOT 81 CONCEPT PLAN - RESIDENTIAL DUPLEX **PINNACLE** ENGINEERING GROUP 20725 WATERTOWN ROAD | SUITE 100 | BROOKFIELD, WI 53186 | WWW.PINNACLE-ENGR.COM |

# PLAN | DESIGN | DELIVER

11/218/2024 **PEGJOB**# 809.70



#### 11/27/2024 - DRAFT FOR PUBLIC CONSIDERATION

Dumpsters for Trash and Garbage Required For Construction Sites	т	т	Т	т	т
Garage and Yard Sales	Т	Т	Т	Т	Т
Food Truck	Т	Т	Т	Т	Т
Model Homes, Model Dwelling Units, and Pre-Construction Sales Offices	Т	т	Т	Т	Т
Public Interest and Special Events	Т	Т	Т	Т	Т
Temporary Roadside Stands for the Sale of Agricultural Products	Т	Т	Т	Т	Т
Temporary Concrete Batch Plants or Asphalt or Asphalt Reprocessing Plants and Temporary Stone Crushers	Т	Т	Т	Т	Т

#### C. Permitted, Conditional, and Temporary Uses in Nonresidential and Mixed-Use Districts.

Table 15-3-04(C): Permitted, Conditional, and Temporary Uses in Nonresidential and Mixed-Use Districts													
Use	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	I	L	FW
Residential	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р	1	L	FW
Single-Family				Р	Р			Р	Р				
Multifamily, above ground floor only	Р	Р	Р	Р	Р				÷				
Institutional	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Educational Facility											С		
Governmental Uses											С		
Health Care Facility	Р	Р	Р	Р			Р				С		
Cemetery											С		
Place of Assembly	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Indoor Commercial Place of Assembly, 20,000 sqft or less	Р	Р	Р	Р	Р			С	С	С	Р		
Indoor Commercial Place of Assembly, more than 20,000 sqft	С	Р	Р	Р	С			С	С	с	Р		
Outdoor Commercial Place of Assembly	С	с	С	С	С			С	С	С	Р		
Noncommercial Place of Assembly, 20,000 sqft or less								С	С	С	Р		
Noncommercial Place of Assembly, more than 20,000 sqft								С	С	с	Р		
Recreation, Amusement, and Lodging	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Campground										С			
Lodging House								Р	Р				
Hotel	С	С	С	С									
Motel		С											
Recreation Area													Р
Short-Term Rental					С			Р	Р				
Retail	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р	1	L	FW
Adult Establishment							С						
General Retail, 50,000 sqft or less	Р	Р	Р	Р	Р								

11/27	//2024 -	DRAF	f for f	PUBLIC C	ONSIDE	RATION							
General Retail, more than 50,000 sqft	S	Р	Р	Р	С				]				 
Multitenant Shopping Center	С	С	С	С									
Wholesale Establishment							С						
Service	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Animal Boarding Facility/Kennel and/or													
Veterinary Service	С	С					С	С					
General Service, 50,000 sqft or less	Р	Р	Р	Р	Р								
General Service, more than 50,000	•	_	_	_	~	_							
	S	P	Р - Р	Р	C	P							
	Р	Р	Р	Р		Р							
Funeral Home	С	С											
Office, above ground floor only				Р	Р								
Office, 50,000 sqtt or less	Р –	Р	Р	Р	Р	Р							
Office, more than 50,000 sqft	Р	Р	Р	Р		P							
Office Complex/Business Park						Р							
Eating and Drinking	B-N	B-G	B-R	B-MU	B-SM	B-P		A	A-P	Р		L	FW
Bar/Tavern	Р	Р	Р	Р	Р								
Brewery/Winery/Distillery Tasting	Р	Р	Р	Р	Р								
Food Truck Court	C.	C	C	C	C	С							
Micro Brewery/Winery/Distillery		P	P	P	P								
Restaurant	Р	P	P	P	P								
Vehicle Related	-B-N	B-G	B-R	B-MU	B-SM	B-P	11	A	A-P	Р	1	1	FW
Auto Sales/Rental and Service		С	С				Р						
Carwash		C	c				P						
Major Automotive Repair			С				P						
Minor Automotive Repair			P				P						
Vehicle Fuel Sales		С	C				P						
Agricultural	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р	1	L	FW
Community Garden								Р	Р				
Crop Production								P	P				
Animal Husbandry								P	P				
Indoor Agriculture							Р	P	P				
Nursery Retail	Р	Р	Р					P	P				
Nursery Wholesale			-					P	P				
Industrial	B-N	B-G	B-R	B-MU	B-SM	B-P		A	A-P	Р	1		FW
Artisan Manufacturing	Р	Р	Р	Р	Р								
Brewery/Winery/Distillery							Р	С	С				
Composting Facility							С	C	C				
Distribution Escility								· · ·				1	1
Distribution Facility							С						
Equipment Rental, Sales, and Service	Р	P	Р				C P						
Equipment Rental, Sales, and Service	Р	Р	Р				C P C	C					

11/27	/2024 -	DRAF	f for i	PUBLIC C	ONSIDE	RATION							
Home Improvement Center/ Lumberyard	P	Р	Р				Р						
Landfill												С	
Light Industry							С						
Recycling Facility											С	С	
Salvage Yard							С					Ρ	
Self-Service Storage Facility			С				С						
Solid Waste Facility							С					С	
Storage Yard							С						
Warehouse							С						
Utility and Transportation	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Antenna	С	С	С	С	С	С	С	С	С	С	С	С	
Airport/ Heliport											С		
Helistop		С	С	С		С					С		
Loading Areas and Parking Areas, as a Principal Use													Р
Railroad Use											С		
Sanitary Sewer or Water Supply Lines											-		С
Solar Farm								С	С				
Telecommunications Tower	С	С	С	С	С	С	С	С	С	С	С	С	
Wastewater Treatment Ponds and Facilities													Р
Waterborne Transportation Uses													Р
Wind Farm								С	С				
Accessory	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Accessory Retail	Р	Р	Р	Р	Р	Р	С						
Accessory Structure	Р	Р	Р	Р	Р	Р	Р	Ρ	Р	Р	Ρ	Ρ	
Artisan Workshop								Ρ	Р				
Drive Through	С	С	С	С									
Donation Drop Box	C	С	С	С			С						
Electric Vehicle Charging Station	Р	Р	Р	Р	Р	Р	Р				Ρ		
Outdoor Activity/ Operation/Storage							С						
Outdoor Dining	Р	Р	Р	Р	Р								
Outdoor Display/ Sale of Merchandise	Р	Р	Р	Р	Р								
Solar Energy Collection System, canopy	Р	Р	Р	Р	Р	Р	Р	Ρ	Р	Р	Р	Ρ	
Solar Energy Collection System, ground mounted	С	С	С	С	С	С	С	С	С	С	С	С	
Solar Energy Collection System, roof mounted	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	
Temporary	B-N_	B-G	B-R_	B- <u>MU</u>	B- <u>SM</u>	B-P	LI	A	A-P	Р	1	L	FW
Construction Related	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	
Construction Trailers as Temporary Offices	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	

11/27	/2024 -	DRAF	f for i	PUBLIC C	ONSIDEF	RATION							
Dumpsters for Trash and Garbage Required For Construction Sites	Т	Т	Т	Т	т	т	Т	Т	т	Т	т	т	
Farmers Market	Т	Т	Т	Т	Т			Т	Т				
Food Truck	Т	Т	Т	Т	Т	Т		Т	Т				
Garage and Yard Sales	Т	Т	Т	Т				Т	Т				
Model Homes, Model Dwelling Units, and Pre-Construction Sales Offices	Т	т	Т	Т	Т	Т	Т	Т	Т	т	Т	Т	
Public Interest and Special Events	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	
Temporary Roadside Stands for the Sale of Agricultural Products	Т	Т	Т	т	Т			Р	Р				
Temporary Concrete Batch Plants or Asphalt or Asphalt Reprocessing	т	т	т	т	т	т	т	т	т	т	т	т	

#### 15-3-05. B-SM - Saint Martin's Road Historic Business District Specific Standards

#### A. Canopies and Awnings.

- 1. Building canopies, awnings, or similar weather protection devices are encouraged on the first floor of all buildings.
- 2. If provided, the device shall project a minimum of three (3) feet and a maximum of five (5) feet from the façade to which it is affixed.
- B. Building Frontage. The primary façade of all nonresidential and mixed-use development shall meet the standards of one (1) of the frontage types detailed in subsection one through four below. The use of the resulting front yards or porches for outdoor dining or other activity generating uses that support the subject lot's principal use is encouraged.
  - Projecting Porch. The primary façade of the building shall be sufficiently set back from the property line to
    accommodate the projecting porch within the front yard setback. The resulting front yard may or may not be defined by
    a fence or hedge to spatially maintain the edge of the street. The projecting porch shall be open on three (3) sides and
    have a roof form that shall be separate from the principal structure. A projecting porch may encroach into a required
    front yard setback to a maximum extent of ten (10) feet. The following minimum standards shall apply to projecting
    porches.
    - a. Width. Ten (10) feet
    - b. Depth. Eight (8) feet
    - c. Height. Eight (8) feet
  - 2. **Storefront.** The primary façade of the building shall adjoin the required minimum front setback. Accordion-style windows and doors or other operable windows are encouraged. The following standards shall apply to shopfronts.
    - a. Window Area. Sixteen (16) square feet
    - b. Window Width. Three (3) feet
    - c. Window Height. Four (4) feet
    - d. Sill Height. Three (3) feet

1	
Planning Department	STAMP DATE:city use only
9229 West Loomis Road	Idin
(414) 425-4024	
franklinwi.gov WISCO	NSIN
	REVIEW APPLICATION
PROJECT INFORM	ATION [print legibly]
	APPLICANT IS REPRESENTED BY [CONTACT PERSON]
S.R. MILLS	DANIEL SZCZAP
LOOMIS : RVAN, INC.	COMPANY: BEAR DEVELOPMENT, LLC
MAILING ADDRESS: 4011 Soth Street	MAILING ADDRESS: 4011 80 Street
CITY/STATE: KENOSHA, WI ZIP: 53142	CITY/STATE: KENOSHA WI ZIP: 53142
PHONE: (262) 949-3788	PHONE: (262) 949-3788
EMAIL ADDRESS: dan @ bear development.com	EMAIL ADDRESS: dan @ boardevelopment.com
PROJECT PROPER	RTY INFORMATION
PROPERTY ADDRESS: 11590 Meadow view Doire	TAX KEY NUMBER:
PROPERTY OWNER: LEONAS ? Rugar Inc.	PHONE: (262) 949-3799
MAILING ADDRESS: 4011 Groth Street	EMAIL ADDRESS:
CITY/STATE: Kenosha WI ZIP: 53142	DATE OF COMPLETION: office use only
APPLICAT	ΓΙΟΝ ΤΥΡΕ
Please check the application t	type that you are applying for
Concept Review 🗆 Comprehensive Master Plan Am	endment 🗆 Planned Development District 🖾 Rezoning
🗆 Special Use / Special Use Amendment 🗆 Un	ified Development Ordinance Text Amendment
Most requests require Plan Commission	review and Common Council approval
Applicant is responsible for providing Plan Commission resubmitta	al materials up to 11 copies pending staff request and comments.
SIGNA	TURES
The applicant and property owner(s) hereby certify that: (1) all statements and othe	r information submitted as part of this application are true and correct to the best
of applicant's and property owner(s)' knowledge; (2) the applicant and property own applicant and property owner(s) agree that any approvals based on representations	ner(s) has/have read and understand all information in this application; and (3) the smade by them in this Application and its submittal, and any subsequently issued
building permits or other type of permits, may be revoked without notice if there is a	a breach of such representation(s) or any condition(s) of approval. By execution of
this application, the property owner(s) authorize the City of Franklin and/or its agent p.m. daily for the purpose of inspection while the application is under review. The pror	ts to enter upon the subject property(ies) between the hours of 7:00 a.m. and 7:00 perty owner(s) grant this authorization even if the property has been posted against
trespassing pursuant to Wis. Stat. §943.13.	
applicant's signature must be from a Managing Member if the business is an LL applicant's authorization letter may be provided in lieu of the applicant's signature l	C, or from the President or Vice President if the business is a corporation. A signed below, and a signed property owner's authorization letter may be provided in lieu
of the property owner's signature[s] below. If more than one, all of the owners of th	he property must sign this Application).
of the property owner's signature[s] below. If more than one, all of the owners of the I, the applicant, certify that I have read the following page detailing the	he property must sign this Application). e requirements for plan commission and common council approval and
of the property owner's signature[s] below. If more than one, all of the owners of the I, the applicant, certify that I have read the following page detailing the submittals and understand that incomplete app	he property must sign this Application). e requirements for plan commission and common council approval and plications and submittals cannot be reviewed.
of the property owner's signature[s] below. If more than one, all of the owners of the I, the applicant, certify that I have read the following page detailing the submittals and understand that incomplete app	he property must sign this Application). e requirements for plan commission and common council approval and plications and submittals cannot be reviewed.
of the property owner's signature[s] below. If more than one, all of the owners of the I, the applicant, certify that I have read the following page detailing the submittals and understand that incomplete app PROPERTY OWNER SIGNATURE: 3/6/25 NAME & TITLE: DATE:	he property must sign this Application). e requirements for plan commission and common council approval and plications and submittals cannot be reviewed. APPLICANT SIGNATURE NAME & TITLE:
of the property owner's signature[s] below. If more than one, all of the owners of th  I, the applicant, certify that I have read the following page detailing the submittals and understand that incomplete app  PROPERTY OWNER SIGNATURE:  3/6/25 NAME & TITLE:  S.R. M://IS Master DATE:  PROPERTY OWNER SIGNATURE:  PROPERTY OWNER SIGNATURE:  PROPERTY OWNER SIGNATURE:  DATE:  DATE: D	APPLICANT SIGNATURE         NAME & TITLE:         MILLS         APPLICANT SIGNATURE         DATE:         3/6/25
of the property owner's signature[s] below. If more than one, all of the owners of the owners of the l, the applicant, certify that I have read the following page detailing the submittals and understand that incomplete app PROPERTY OWNER SIGNATURE: 3/6/25 NAME & TITLE: 5.R. M://IS Program DATE: PROPERTY OWNER SIGNATURE:	APPLICANT SIGNATURE:         NAME & TITLE:         MILLS         APPLICANT SIGNATURE:         DATE:         3/6/25
of the property owner's signature[s] below. If more than one, all of the owners of th  I, the applicant, certify that I have read the following page detailing the submittals and understand that incomplete app  PROPERTY OWNER SIGNATURE:  NAME & TITLE:  NAME & TITLE:  DATE:	APPLICANT SIGNATURE         NAME & TITLE:         DATE:         APPLICANT REPRESENTATIVE SIGNATURE:         MAME & TITLE:         DATE:         MAME & TITLE:         DATE:         MAME & TITLE:         DATE:         MAME & TITLE:         DATE:         DATE:         DATE:         DATE:         DATE:         DATE:         DATE:         DATE:         DATE:

CITY OF FRANKLIN APPLICATION CHECKLIST
If you have questions about the application materials please contact the planning department.
CONCEPT REVIEW APPLICATION MATERIALS
$\Box$ 1113 application form accurately completed with signatures or authorization letters (see reverse side for more details). $\Box$ \$420 Application fee payable to the City of Franklin.
Three (3) complete collated sets of application materials to include
$\Box$ Three (3) project narratives.
Three (3) copies of the Preliminary Site/Development Plan of the subject property(jes) and immediate surroundings on 8 % " X 11" or 11" X
17" paper (i.e., a scaled map identifying the subject property and immediate environs, including existing and proposed parcels, existing and proposed structures, existing and proposed land uses, existing and proposed zoning, existing and proposed infrastructure and utilities[approximate locations only], and existing and proposed site conditions/site constraints [i.e. approximate locations of public road access, rights-of-way, natural resources/green space and drainage issues/concerns, etc.])
$\Box$ Three (3) colored copies of building elevations on 11" X 17" namer if applicable
Email or flash drive with all plans / submittal materials.
COMPREHENSIVE MASTER PLAN AMENDMENT APPLICATION MATERIALS
□ \$1,250 Application fee payable to the City of Franklin.
U Word Document legal description of the subject property.
Three (3) complete collated sets of application materials to include
Three (3) project narratives.
Three (3) folded copies of a Site Development Plan / Map, drawn to reasonable scale, at least 11" X 17" paper or as determined by the City Planner or City Engineer, identifying the subject property and immediate environs, including parcels, structures, land use, zoning, streets and utilities, and natural resource features, as applicable.
Email or flash drive with all plans / submittal materials.
Additional information as may be required.
Requires a Class I Public Hearing Notice at least 30 days before the Common Council Meeting
PLANNED DEVELOPMENT DISTRICT (PDD)
□ This application form accurately completed with signatures or authorization letters (see reverse side for more details).
Application fee payable to the City of Franklin [select one of the following]
□ \$6,000: New PDD plus developer's deposit*
(*) \$3,000 developer's deposit is required in addition to filing fees at the time of submittal, it may require replenishment.
\$5,900: PDD Major Amendment
LJ \$850: PDD Minor Amendment
Three (2) complete collete destription of the subject property.
Three (3) complete collated sets of application materials to include  Three (3) project constant of the set of the s
Three (3) project narratives.  Three (3) folded full size of the Site Diep Deckage, drawn to excluse the off and the state of the stat
Lighting Plan, Natural Resource Protection Plan, Natural Resource Protection Report, etc. (See Sections 15-7.0101, 15-7.0301, and 15-5.0402 of the UDO for Information that must be denoted or included with each respective plan.)
One (1) colored copy of the building elevations on 11" X 17" paper, if applicable.
U One (1) copy of the Site Intensity and Capacity Calculations, <i>if applicable (see division 15-3.0500 of the UDO)</i>
Li Email or flash drive with all plans / submittal materials.
<ul> <li>PDD and Major PDD Amendment requests require Plan Commission review, a public hearing, and Common Council approval.</li> <li>Minor PDD Amendment requests require Plan Commission review and Common Council approval.</li> </ul>
REZONING
This application form accurately completed with signatures or authorization letters (see reverse side for more details).
Application fee payable to the City of Franklin [select one of the following]
<b>5</b> \$2,500
□ \$600: one parcel residential.
Word Document legal description of the subject property.
Three (3) complete collated sets of application materials to include
Three (3) project narratives.
□ Three (3) folded copies of a Plot Plan or Site Plan, drawn to reasonable scale, at least 11" X 17" paper or as determined by the City Planner
zoning districts, and the location and existing use of all properties within 200 feet of the area proposed to be recorded
Email or flash drive with all plans / submittal materials.
Additional information as may be required.
<ul> <li>Additional notice to and approval required for amendments or rezoning in the FW, FC, FFO, and SW Districts</li> </ul>
<ul> <li>Requires a Class II Public Hearing notice at Plan Commission.</li> </ul>



#### March 26, 2025

Mr. Regulo Martinez-Montilva Principal Planner 9229 W. Loomis Road Franklin, WI 53132

#### Re: Zoning Amendment- Lots 80 & 81 Ryan Meadows

Dear Mr. Martinez-Montilva:

Bear Development is pleased to submit this letter and the enclosed submittal materials as formal application for Zoning Amendment for properties within Ryan Meadows Subdivision. Bear Development, LLC is acting on behalf of the record owners, Loomis & Ryan, Inc. and Loomis Cottage Ventures, LLC.

#### **Project Summary**

Loomis Cottage Ventures, LLC is the owner of record of .58 acres (25,344 SF) of improved land in the City of Franklin. The property is Lot 80 of the Ryan Meadows subdivision and is located at the southwest corner of STH 36 (Loomis Road) and Ryan Road.

 Tax Key No:
 891-1080-000.

 Address:
 11433 W. Ryan Road, Franklin, WI

**Existing Comprehensive Master Plan Designation:** Commercial **Proposed Comprehensive Master Plan Designation:**Commercial

Existing Land Use:	Commercial (Irish Cottage Tavern)	
Proposed Land Use:	Commercial	
Adjacent Land Use		
North:	Vacant/Agriculture	
South:	Single Family Residential and Vacant	
East:	Vacant/Agriculture	
West:	STH 36	
Existing Zoning:	B-2 General Business and M-1 Limited Industrial	
Proposed Zoning:	Commercial	
Adjacent Zoning:		
North:	B-2 General Business	
South:	M-1 Limited Industrial	
East:	STH 36 and R-8 Multiple Family Residential	
West:	R-2 Estate Single-Family Residential	

- Phone: 262.694.2327
- www.beardevelopment.com



4011 80th Street, Kenosha, WI 53142



#### **Property History**

The property was platted and divided as part of the Ryan Meadows Subdivision. The subject property is used for commercial purposes as a tavern. The property includes public street frontage on Ryan Road and STH 36.

Loomis & Ryan, Inc. is the owner of record of 7.73 acres (336,826 SF) of vacant land in the City of Franklin. The property is Lot 81 of Ryan Meadows Subdivision.

Tax Key No:	891-1081-000
Address:	11590 W. Meadowview Drive, Franklin, WI

The property is located on the north side of Meadowview Drive, just east of STH 36 (Loomis Road). The property also has public road frontage on Ryan Road. The subject property is vacant.

**Existing Comprehensive Master Plan Designation:** Business Park **Proposed Comprehensive Master Plan Designation:**Residential

Existing Land Use:	Vacant
Proposed Land Use:	Residential – 2 Family Condominiums
Adjacent Land Use	
North:	Vacant
South:	Single Family Residential and Vacant
East:	Single-Family Residential
West:	Business and Single-Family Residential
Existing Zoning:	M-1 Limited Industrial
Proposed Zoning:	RM Multiple Family Residential District
Adjacent Zoning:	
North:	B-2 General Business
South:	R-6 Suburban Single Family Residential District
East:	R-2 Estate Single Family Residential District
West:	R-2 Suburban Single-Family Residential and B-2 General Business

#### **Property History**

The property was platted and divided as part of the Ryan Meadows Subdivision. The subject property was improved with a public street (Meadowview Drive) and public utilities during the Ryan Meadows site development. The property includes public street frontage on Ryan Road to the north and Meadowview Drive to the south. The subject property was rezoned to the M-1 Limited Industrial District in 2017 during the approvals of the Ryan Meadows subdivision. It is currently vacant

Phone: 262.694.2327
Proposed Amendments

www.beardevelopment.com

**(14)** 



4011 80<sup>th</sup> Street, Kenosha, WI 53142



#### Lot 80 (Irish Cottage)

Bear Development, LLC has filed Land Division applications for a CSM that would reconfigure the existing Lot 80 and 81 to enlarge the Irish Cottage property to include an improved and safer property access. The applicant is respectfully requesting a Zoning Amendment to designate the reconfigured property (shown as Lot 1 on the Certified Survey Map) as B-2 General Business District.

#### Lot 81

Recognizing that the existing M-1 Limited Industrial zoning would allow land uses that, by right, that may be considered incompatible with the residential use that has been established in the area, Bear Development is respectfully requesting a Zoning Amendment to the RM Multiple Family Residential District.

Enclosed for your consideration is a Conceptual Site Plan for the subject property, which includes a 2family condominium neighborhood fronting a public street. Example renderings of the proposed townhomes are also provided. Also included in the overall project is the reconfiguration of the Irish Cottage access drive and parking lot.

We feel the existing designation of Business Park, along with the existing M-1 Limited Industrial zoning, if activated with an allowed land use, could be detrimental to the existing residential land use in the area in terms of aesthetics, noise and land value.

Note: At the time of this application the City of Franklin is considering the adoption of an Updated UDO. While the property is currently zoned M-1 Limited Industrial it is likely that it will be classified as L-1 Limited Industrial at the time of Plan Commission and Common Council consideration.

Sample of Allowed Uses Permitted by Right in the L-1 Limited Industrial District :

- Auto Sales
- Car Wash
- Vehicle Fuel Sales
- Automotive Repair
- Brewery
- Equipment Rental, Sales and Service

Sample of Allowed Uses Permitted by Conditional Use in the L-1 Limited Industrial District:

- Light Industrial
- Adult Establishment
- Animal Boarding
- Self Storage
- Storage Yard

Phone: 262.694.2327

www.beardevelopment.com

4011 80<sup>th</sup> Street, Kenosha, WI 53142





The applicant recognizes any future Residential land use would require additional entitlements including rezoning, land division, design engineering, etc., all of which require City of Franklin review and approval.

We feel that the Zoning Amendments requests are reasonable and rational and will designate the subject property with zoning classifications that are compatible with the surrounding land uses.

Should you have any questions regarding this request, please do not hesitate to contact me. I can be reached at (262) 842-0556 or by email, <u>dan@beardevelopment.com</u>

Thank you for your time and consideration and we look forward to discussing this project at the next available Common Council meeting.

Sincerely,

Daniel Szczap Bear Development, LLC

6



**Q** 4011 80<sup>th</sup> Street, Kenosha, WI 53142

### COMPREHENSIVE MASTER PLAN AMENDMENT EXHIBIT



### **REZONING EXHIBIT**



#### LEGAL DESCRIPTION:

Lot 1 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 521.37 feet to a north line of Lot 81, Ryan Meadows; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said Lot 81, 302.82 feet to the Point of Beginning;

Thence North 89°44'26" West, 79.44 feet to the southeasterly right of way line of West Loomis Road- State Trunk Highway "36 - United States Highway "45"; thence North 41°23'51" East along said right of way line, 206.07 feet to the south right of way line of West Ryan Road - County Trunk Highway "H"; thence South 89°44'26" East along said south right of way line, 353.92 feet; thence South 00°34'43" East, 84.00 feet; thence North 89°44'26" West, 259.64 feet; thence South 00°15'34" West, 71.20 feet; thence North 89°44'26" West, 151.64 feet to the Point of Beginning.

#### LEGAL DESCRIPTION:

Lot 2 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 473.41 feet to the plat of Ryan Meadows, the southeasterly right of way line of West Loomis Road - United States Highway "45" and the Point of Beginning;

Thence continuing South 00°34'43" East along said west line and along the northerly line of Ryan Meadows, 47.96 feet; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said northerly line, 302.82 feet; thence South 89°44'26" East, 151.64 feet; thence North 00°15'34" East, 71.20 feet; thence South 89°44'26" East, 259.64 feet to the platted east line of Lot 81, Ryan Meadows; thence South 00°34'43" East along said platted line of Ryan Meadows,

622.00 feet to the north line of Outlot 2 of Ryan Meadows; thence South 89°25'17" West along the north line of said Outlot 2, 327.05 feet; thence South 48°07'58" West along said north line, 142.71 feet to the north right of way line of Meadowview Drive; thence North 44°02'33" West along said right of way line, 91.29 feet; thence North 45°57'27" East along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of southeasterly right of way line of West Loomis Road and a point on a curve; thence northeasterly 90.22 feet along the arc of said curve to the left and said right of way, whose radius is 1979.86 feet and whose chord bears North 44°31'39" East, 90.21 feet to the Point of Beginning.







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**GIS Department** 9229 W. Loomis Rd. Franklin, WI 53132 www.franklinwi.gov

TRN - 9/109 09/Final Mapping/Chapter5/FLU 5\_7.24x38.msd

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Future

Land Use Map 2025

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## CTTE DAT

SITE DATA	FABLE
MINIMUM LOT AREA:	6,000 SF (0.14 AC)
MINIMUM LOT WIDTH AT SETBACK LINE:	60 LF/ 75 LF CORNER
MINIMUM LANDSCAPE SURFACE RATIO:	0.40
YARD WIDTH:	THREE + UNIT BLDGS FRONT - 30' SIDE - 20' SIDE ON CORNER LOT - 30' REAR - 30'
	TWO UNIT BLDGS FRONT - 25' SIDE - 5' SIDE ON CORNER LOT - 15' REAR - 25' - D.U. 10' - GARAGE
BASE SITE AREA:	336,826 SF (7.73 AC)
LOT 1:	315,068 (7.23 AC)
PROPOSED BUILDINGS / AREA:	44 UNITS 51,480 SF (1.18 AC)
PROPOSED IMPERVIOUS AREA:	117,113 SF (2.69 AC)
PROPOSED GREEN SPACE AREA:	197,955 (4.54 AC)
EX. ZONING DISTRICT:	M-1 (LIMITED INDUSTRIAL DISTRICT)
PROP ZONING DISTRICT:	R-8 (MF RESIDENCE)
MAX LOT COVERAGE:	0.35
PROPOSED LOT COVERAGE:	0.16
OPEN SPACE RATIO REQUIREMENT:	0.00
GROSS DENSITY REQUIREMENT:	5.00
NET DENSITY REQUIREMENT:	5.00
LOT 2:	21,758 (0.50 AC)
PROPOSED IMPERVIOUS AREA:	11,828 SF (0.27 AC)
PROPOSED GREEN SPACE AREA:	9,930 SF (0.23 AC)

# 27 <u>development</u>

STATE TRUNK HIGHWAY 36

W MERDOWNIEW DR



## LOOMIS BP LOT 81 CONCEPT PLAN - RESIDENTIAL DUPLEX **PINNACLE** ENGINEERING GROUP 20725 WATERTOWN ROAD | SUITE 100 | BROOKFIELD, WI 53186 | WWW.PINNACLE-ENGR.COM |

# PLAN | DESIGN | DELIVER

11/218/2024 **PEGJOB**# 809.70



#### 11/27/2024 - DRAFT FOR PUBLIC CONSIDERATION

Dumpsters for Trash and Garbage Required For Construction Sites	т	т	т	т	т
Garage and Yard Sales	Т	Т	Т	Т	Т
Food Truck	Т	Т	Т	Т	Т
Model Homes, Model Dwelling Units, and Pre-Construction Sales Offices	Т	т	Т	Т	Т
Public Interest and Special Events	Т	Т	Т	Т	Т
Temporary Roadside Stands for the Sale of Agricultural Products	Т	Т	Т	Т	Т
Temporary Concrete Batch Plants or Asphalt or Asphalt Reprocessing Plants and Temporary Stone Crushers	Т	Т	Т	Т	Т

#### C. Permitted, Conditional, and Temporary Uses in Nonresidential and Mixed-Use Districts.

Table 15-3-04(C): Permitted, Conditional, and Temporary Uses in Nonresidential and Mixed-Use Districts													
Use	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	I	L	FW
Residential	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р	1	L	FW
Single-Family				Р	Р			Р	Р				
Multifamily, above ground floor only	Р	Р	Р	Р	Р				*				
Institutional	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Educational Facility											С		
Governmental Uses											С		
Health Care Facility	Р	Р	Р	Р			Ρ				С		
Cemetery											С		
Place of Assembly	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Indoor Commercial Place of Assembly, 20,000 sqft or less	Р	Р	Р	Р	Р			С	С	С	Р		
Indoor Commercial Place of Assembly, more than 20,000 sqft	С	Р	Р	Р	С			С	С	с	Р		
Outdoor Commercial Place of Assembly	С	С	С	С	С			С	С	С	Р		
Noncommercial Place of Assembly, 20,000 sqft or less								С	С	С	Р		
Noncommercial Place of Assembly, more than 20,000 sqft								С	С	с	Р		
Recreation, Amusement, and Lodging	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Campground										С			
Lodging House								Р	Р				
Hotel	С	С	С	С									
Motel		С											
Recreation Area													Р
Short-Term Rental					С			Р	Р				
Retail	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р	1	L	FW
Adult Establishment							С						
General Retail, 50,000 sqft or less	Р	Р	Р	Р	Р								

11/27/2024 - DRAFT FOR PUBLIC CONSIDERATION													
General Retail, more than 50,000 sqft	S	Р	Р	Р	С								
Multitenant Shopping Center	С	С	С	С									
Wholesale Establishment							С						
Service	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Animal Boarding Facility/Kennel and/or													
Veterinary Service	С	С					С	С					
General Service, 50,000 sqft or less	Р	Р	Р	Р	Р								
General Service, more than 50,000	•	_	_	-	0								
sqft	S	P	P	<u>Р</u>	C	Р							
	P	P	Р	Р		Р							
Funeral Home	С	С		-									
Office, above ground floor only				Р	Р								
Office, 50,000 sqtt or less	Р –	Р –	Р –	Р	Р	Р							
Office, more than 50,000 sqft	Р	Р	Р	Р		P							
Office Complex/Business Park						Р							
Eating and Drinking	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р		L	FW
Bar/Tavern	Р	Р	Р	Р	Р								
Brewery/winery/Distillery Tasting	Р	Р	Р	Р	Р								
Food Truck Court	C	C	C	C	C	С							
Micro Brewery/Winery/Distillery		P	P	P	P	Ŭ							
Restaurant	Р	P	P	P	P								
Vehicle Related	-B-N	B-G	B-R	B-MU	B-SM	B-P	11	A	A-P	Р	1	1	FW
Auto Sales/Rental and Service		С	С				Р						
Carwash		C	c				P						
Maior Automotive Repair			С				Р						
Minor Automotive Repair			P				P						
Vehicle Fuel Sales		С	С				Р						
Agricultural	B-N	PC											
Community Garden		D-0	B-R	B-MU	B-SM	B-P	LI	A	A-P	Р	1	L	FW
		<i>D</i> -G	B-R	B-MU	B-SM	B-P	LI	A P	<i>А-Р</i> Р	Р	1	L	FW
Crop Production		D-G	B-R	B-MU	B-SM	B-P	LI	A P P	<u>А-Р</u> Р Р	Р	1	L	FW
Crop Production Animal Husbandry		<i>D</i> -G	B-R	B-MU	B-SM	B-P	LI	A P P P	<u>А-Р</u> Р Р	Р	1	L	FW
Crop Production Animal Husbandry Indoor Agriculture			B-R	B-MU	B-SM	B-P	LI	A P P P	A-P P P P	<i>P</i>			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail	P	P	B-R	B-MU	B-SM	<i>B-P</i>	LI P	A P P P P	A-P P P P P	P			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale	P	P	B-R P	B-MU	B-SM	B-P	P	A P P P P P	A-P P P P P P P	P			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale	P B-N	<u>В-</u> G	B-R P B-R	B-MU B-MU	B-SM	B-P	LI P LI	А Р Р Р Р Р	A-P P P P P P P A-P	P			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale Industrial Artisan Manufacturing	P B-N P	P P B-G P	<i>B-R</i> P <i>B-R</i> P	B-MU B-MU P	B-SM B-SM P	B-P	LI P LI	А Р Р Р Р Р А	A-P P P P P P P A-P	P			FW FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale Industrial Artisan Manufacturing Brewery/Winery/Distillery	P B-N P	P B-G P	<i>B-R</i> P <i>B-R</i> P	<i>B-MU</i> <i>B-MU</i> P	B-SM B-SM P	B-P	LI P LI	A P P P P P A C	A-P P P P P P P P P A-P	P			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale Industrial Artisan Manufacturing Brewery/Winery/Distillery Composting Facility	P B-N P	P B-G P	<i>B-R</i> P <i>B-R</i> P	<i>B-MU</i>	B-SM B-SM P	B-P B-P	LI P LI P C	A P P P P P A C C	A-P P P P P P P A-P C C	P			FW FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale Industrial Artisan Manufacturing Brewery/Winery/Distillery Composting Facility Distribution Facility	P B-N P	P-G P-G P	<i>B-R</i> P <i>B-R</i>	<i>B-MU</i> <i>B-MU</i> P	B-SM B-SM P	B-P	LI P LI C C	A P P P P P A C C	A-P P P P P P P P P C C C	P			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale Industrial Artisan Manufacturing Brewery/Winery/Distillery Composting Facility Distribution Facility Equipment Rental, Sales, and Service	P B-N P	<u>Р</u> Р <u>Р</u> Р	<i>B-R</i> P <i>B-R</i> P	B-MU B-MU P	B-SM B-SM P	B-P	LI P LI C C C P	A P P P P P A C C	A-P P P P P P P P A-P C C	P			FW
Crop Production Animal Husbandry Indoor Agriculture Nursery Retail Nursery Wholesale Industrial Artisan Manufacturing Brewery/Winery/Distillery Composting Facility Distribution Facility Equipment Rental, Sales, and Service Extractive Industry	P B-N P P	P P B-G P	<i>B-R</i> P <i>B-R</i> P	<i>B-MU</i> <i>B-MU</i> P	B-SM B-SM P	B-P	LI P P C C C C C	A P P P P P A C C C C	A-P P P P P P P P C C C	P			FW FW

11/27	/2024 -	DRAF	FOR F	PUBLIC C	ONSIDE	RATION							
Home Improvement Center/ Lumberyard	Р	Р	Р				Р						_
Landfill												С	
Light Industry							С						
Recycling Facility											С	С	
Salvage Yard							С					Ρ	
Self-Service Storage Facility			С				С						
Solid Waste Facility							С					С	
Storage Yard							С						
Warehouse							С						
Utility and Transportation	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Antenna	С	С	С	С	С	С	С	С	С	С	С	С	
Airport/ Heliport											С		
Helistop		С	С	С		С					С		
Loading Areas and Parking Areas, as a Principal Use													Р
Railroad Use											С		
Sanitary Sewer or Water Supply Lines													С
Solar Farm								С	С				
Telecommunications Tower	С	С	С	С	С	С	С	С	С	С	С	С	
Wastewater Treatment Ponds and Facilities													Р
Waterborne Transportation Uses													Р
Wind Farm								С	С				
Accessory	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Accessory Retail	Р	Р	Р	Р	Р	Р	С						
Accessory Structure	Р	Р	Р	Р	Р	Р	Ρ	Ρ	Р	Р	Ρ	Ρ	
Artisan Workshop								Ρ	Р				
Drive Through	С	С	С	С									
Donation Drop Box	С	С	С	С			С						
Electric Vehicle Charging Station	Р	Р	Р	Р	Р	Р	Ρ				Ρ		
Outdoor Activity/ Operation/Storage							С						
Outdoor Dining	Р	Р	Р	Р	Р								
Outdoor Display/ Sale of Merchandise	Р	Р	Р	Р	Р								
Solar Energy Collection System, canopy	Р	Р	Р	Р	Р	Р	Ρ	Ρ	Р	Р	Ρ	Ρ	
Solar Energy Collection System, ground mounted	С	С	С	С	С	С	С	С	С	С	С	С	
Solar Energy Collection System, roof mounted	Р	Р	Р	Р	Р	Р	Р	Р	Р	P	Р	Р	
Temporary	B-N	B-G	B-R	B-MU	B-SM	B-P	LI	Α	A-P	Р	1	L	FW
Construction Related	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	
Construction Trailers as Temporary Offices	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	

11/27	/2024 -	DRAF	f for i	PUBLIC C	ONSIDEF	RATION							
Dumpsters for Trash and Garbage Required For Construction Sites	Т	Т	Т	Т	т	т	Т	Т	т	Т	Т	т	
Farmers Market	Т	Т	Т	Т	Т			Т	Т				
Food Truck	Т	Т	Т	Т	Т	Т		Т	Т				
Garage and Yard Sales	Т	Т	Т	Т				Т	Т				
Model Homes, Model Dwelling Units, and Pre-Construction Sales Offices	Т	т	т	Т	Т	Т	Т	Т	Т	т	Т	Т	
Public Interest and Special Events	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	Т	
Temporary Roadside Stands for the Sale of Agricultural Products	Т	Т	Т	т	Т			Р	Р				
Temporary Concrete Batch Plants or Asphalt or Asphalt Reprocessing	т	т	т	т	т	т	т	т	т	т	т	т	
Tiants and Temporary Stone Clushers									<u> </u>	'			

#### 15-3-05. B-SM - Saint Martin's Road Historic Business District Specific Standards

#### A. Canopies and Awnings.

- 1. Building canopies, awnings, or similar weather protection devices are encouraged on the first floor of all buildings.
- 2. If provided, the device shall project a minimum of three (3) feet and a maximum of five (5) feet from the façade to which it is affixed.
- B. Building Frontage. The primary façade of all nonresidential and mixed-use development shall meet the standards of one (1) of the frontage types detailed in subsection one through four below. The use of the resulting front yards or porches for outdoor dining or other activity generating uses that support the subject lot's principal use is encouraged.
  - Projecting Porch. The primary façade of the building shall be sufficiently set back from the property line to
    accommodate the projecting porch within the front yard setback. The resulting front yard may or may not be defined by
    a fence or hedge to spatially maintain the edge of the street. The projecting porch shall be open on three (3) sides and
    have a roof form that shall be separate from the principal structure. A projecting porch may encroach into a required
    front yard setback to a maximum extent of ten (10) feet. The following minimum standards shall apply to projecting
    porches.
    - a. Width. Ten (10) feet
    - b. **Depth**. Eight (8) feet
    - c. Height. Eight (8) feet
  - 2. **Storefront.** The primary façade of the building shall adjoin the required minimum front setback. Accordion-style windows and doors or other operable windows are encouraged. The following standards shall apply to shopfronts.
    - a. Window Area. Sixteen (16) square feet
    - b. Window Width. Three (3) feet
    - c. Window Height. Four (4) feet
    - d. Sill Height. Three (3) feet



March 26, 2025 Regulo Martinez-Montilva City of Franklin 9229 W. Loomis Road Franklin, WI 53132

RE: Certified Survey Map Application

Dear Mr. Martinez-Montilva:

Bear Development is pleased to submit this letter and the enclosed submittal materials as formal application for Certified Survey Map review and approval. Bear Development is acting on behalf of the owners of record, Loomis & Ryan, Inc. and Loomis Cottage Ventures, LLC.

#### **Property Summary**

Loomis Cottage Ventures, LLC is the owner of record of .58 acres (25,344 SF) of improved land in the City of Franklin. The property is Lot 80 of the Ryan Meadows subdivision and is located at the southwest corner of STH 36 (Loomis Road) and Ryan Road.

Tax Key No:	891-1080-000.
Address:	11433 W. Ryan Road, Franklin, WI
Existing Zoning:	B-2 General Business District

The property is commonly known as the Irish Cottage and is improved with a commercial building and parking lot. Public street access for the property is located on Ryan Road and is non-conforming.

Loomis & Ryan, Inc. is the owner of record of 7.73 acres (336,826 SF) of vacant land in the City of Franklin. The property is Lot 81 of Ryan Meadows Subdivision.

Tax Key No:	891-1081-000
Address:	11590 W. Meadowview Drive, Franklin, WI
Existing Zoning:	M-1 Limited Industrial

The property is located on the north side of Meadowview Drive, just east of STH 36 (Loomis Road). The property also has public road frontage on Ryan Road. The subject property is vacant.

#### **Project Summary**

Bear Development, LLC respectfully requests review and approval of the enclosed Certified Survey Map to reconfigure the two (2) existing lots.

OMPANY





#### **Proposed Lot 1**

Upon land division, the Irish Cottage property would consist of Lot1, a 1.08 acre parcel, exceeding the zoning bulk requirements of the B-2 General Business District. Our intention would be to relocate the existing property access approximately 250' west on Ryan Road. The existing access, while legal, is non-conforming and arguably unsafe. The new access has been discussed with Milwaukee County Public Works and will be approved upon formal application. Further, our plans include the construction of an engineered parking lot to serve the existing commercial use. Presently, the property is underserved with parking.

#### **Proposed Lot 2**

Lot 2 of the proposed Certified Survey Map would consist of a 7.23 acre parcel with public street frontage on Meadowview Drive. The property is currently be reviewed for future development options.

In accordance with City of Franklin requirements, we have completed a Natural Resource Protection Plan for the property in question. A copy has been included in this submittal.

The proposed land division presents a unique opportunity to enhance the safety of the STH 36/Ryan Road intersection by providing a dedicated commercial driveway on Ryan Road. The division will also provide an opportunity to improve the subject property by providing adequate and orderly parking and to improve traffic circulation around the existing building.

We feel the requested land division will create separate parcels with future land use which is consistent and compatible with the properties in the general area.

Should you have any questions regarding this request, please do not hesitate to contact me. I can be reached at (262) 842-0556 or by email, <u>dan@beardevelopment.com</u>

Thank you for your time and consideration.

Sincerely,

Daniel Szczap Bear Development, LLC

www.beardevelopment.com



#### LEGAL DESCRIPTION:

Lot 1 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 521.37 feet to a north line of Lot 81, Ryan Meadows; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said Lot 81, 302.82 feet to the Point of Beginning;

Thence North 89°44'26" West, 79.44 feet to the southeasterly right of way line of West Loomis Road- State Trunk Highway "36 - United States Highway "45"; thence North 41°23'51" East along said right of way line, 206.07 feet to the south right of way line of West Ryan Road - County Trunk Highway "H"; thence South 89°44'26" East along said south right of way line, 353.92 feet; thence South 00°34'43" East, 84.00 feet; thence North 89°44'26" West, 259.64 feet; thence South 00°15'34" West, 71.20 feet; thence North 89°44'26" West, 151.64 feet to the Point of Beginning.

#### LEGAL DESCRIPTION:

Lot 2 of Certified Survey Map No. \_\_\_\_\_\_, as recorded in the Register of Deeds office for Milwaukee County as Document No. \_\_\_\_\_, being a redivision of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, located in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4, Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 473.41 feet to the plat of Ryan Meadows, the southeasterly right of way line of West Loomis Road - United States Highway "45" and the Point of Beginning;

Thence continuing South 00°34'43" East along said west line and along the northerly line of Ryan Meadows, 47.96 feet; thence South 89°23'13" East along said northerly line, 271.70 feet; thence North 00°34'43" West along said northerly line, 302.82 feet; thence South 89°44'26" East, 151.64 feet; thence North 00°15'34" East, 71.20 feet; thence South 89°44'26" East, 259.64 feet to the platted east line of Lot 81, Ryan Meadows; thence South 00°34'43" East along said platted line of Ryan Meadows,

622.00 feet to the north line of Outlot 2 of Ryan Meadows; thence South 89°25'17" West along the north line of said Outlot 2, 327.05 feet; thence South 48°07'58" West along said north line, 142.71 feet to the north right of way line of Meadowview Drive; thence North 44°02'33" West along said right of way line, 91.29 feet; thence North 45°57'27" East along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of feet; thence North 44°02'33" West along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of way line, 5.00 feet; thence North 44°02'33" West along said right of way, 369.79 feet to the aforesaid southeasterly right of way line of West Loomis Road and a point on a curve; thence northeasterly 90.22 feet along the arc of said curve to the left and said right of way, whose radius is 1979.86 feet and whose chord bears North 44°31'39" East, 90.21 feet to the Point of Beginning.






Being a redivision of Lot 80 and Lot 81 of Ryan Meadows, in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4 all in Section 30. Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin

### SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN) WAUKESHA COUNTY) SS

I, John P. Konopacki, Professional Land Surveyor, do hereby certify:

That I have surveyed, mapped and divided that all of Lot 80 and Lot 81 of Ryan Meadows, as recorded in the Register of Deeds office for Milwaukee County as Document No. 10962414, being a part of the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4 all in Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the northwest corner of the Northeast 1/4 of said Section 30; thence South 00°34'43" East along the west line of said Northeast 1/4, 473.41 feet to the plat of Ryan Meadows, the southeasterly right of way line of West Loomis Road - United States Highway "45" and the Point of Beginning;

Thence continuing South 00°34'43" East along said west line and along the northerly line of Ryan Meadows, 47.96 feet;

Thence South 89°23'13" East along said northerly line, 271.70 feet; Thence North 00°34'43" West along said northerly line, 302.82 feet;

Thence North 89°44'26" West along said northerly line, 79.44 feet to the aforesaid southeasterly right of way line of West Loomis Road; Thence North 41°23'51" East along said right of way line, 206.07 feet to the south right of way line of West Ryan Road - County Trunk Highway "H";

Thence South 89°44'26" East along said south right of way line, 353.92 feet;

Thence South 00°34'43" East along said platted line of Ryan Meadows, 706.00 feet to the north line of Outlot 2 of Ryan Meadows; Thence South 89°25'17" West along the north line of said Outlot 2, 327.05 feet;

Thence South 48°07'58" West along said north line, 142.71 feet to the north right of way line of Meadowview Drive;

Thence North 44°02'33" West along said right of way line, 91.29 feet;

Thence North 45°57'27" East along said right of way line, 5.00 feet;

Thence North 44°02'33" West along said right of way, 369.79 feet to the aforesaid southeasterly right of way line of West Loomis Road and a point on a curve;

Thence northeasterly 90.22 feet along the arc of said curve to the left and said right of way, whose radius is 1979.86 feet and whose chord bears North 44°31'39" East, 90.21 feet to the Point of Beginning.

Containing 362 170 square feet (8 3143 acres) of land Gross more or less

That I have made such survey, land division and map by the direction of LOOMIS & RYAN INC, and LOOMIS COTTAGE VENTURES, LLC, owners of said land.

That such plat is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

That I have fully complied with the requirements of Chapter 236 of the Wisconsin State Statutes and the City of Franklin Land Division Ordinance and the Unified Development Ordinance Division - 15 of the City of Franklin in surveying the certified survey map.

Date: APRIL 22, 2025



John / P. Konopacki Professional Land Surveyor S-2461

	BOUNDARY CURVE TABLE											
	CURVE NO.	LENGTH	RADIUS	DELTA	C⊦	CHORD BEARING		CHORD LENGTH		TAN	GENT	TANGENT
	C1	90.22'	1979.86'	002°36'39"		N44°31'39"E		90.21'		N45°49'59"E		N43°13'19"E
						CON	ISER'	VAT	ION EASEM	ENT		
				CURVE N	10.	LENGTH	RADI	IUS	CHORD BEAF	RING	CHOF	RD LENGTH
				C2		113.39'	87.2	24'	N89°44'26"W	/		105.57'
	PINN 20725 V BROOK	ACLE EN( VATERTOWN FIELD, WI 5318 (262) 754-88	GINEERIN ROAD I SUI 86 88 T	G GROUP TE 100 his instrumen	) It drai	fted by John P.	Konop	acki. (	2LS-License No. S-	2461	р SH	egjob#809.71 Heet 4 of 7

Being a redivision of Lot 80 and Lot 81 of Ryan Meadows, in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4 all in Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin

### **OWNER'S CERTIFICATE**

LOOMIS & RYAN INC, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, AND LOOMIS COTTAGE VENTURES, LLC, a Limited Liability Company duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owners, do hereby certify that said corporation and said limited liability company caused the land described on this certified survey map to be surveyed, divided, mapped and dedicated as represented on this certified survey map.

**LOOMIS & RYAN INC** and **LOOMIS COTTAGE VENTURES**, LLC, as owners, also certify that this map is required by s.236.10 or s.236.12 of the Wisconsin State Statutes and the Unified Development Ordinance Division-15 of the City of Franklin to be submitted to the following for approval or objection:

1. City of Franklin

BROOKFIELD, WI 53186 OFFICE: (262) 754-8888

IN WITNESS WHEREOF, the said LOOMIS & RYAN INC has caused these presents to be signed by (name - print)

, (t	itle)		, at	
(city),	County, Wisconsin, on this	day o	f	_ , 2025.
In the presence of: LOOMIS & RYAN INC.				
Name (signature) - Title				
IN WITNESS WHEREOF, the said <b>LOOMIS COTTA</b> (name - print)	AGE VENTURES, LLC has c _, (title)	caused these pre	sents to be signed by , at	
(city),	County, Wisconsin, on this	day o	f	_ , 2025.
In the presence of: LOOMIS COTTAGE VENTURE	S, LLC			
Name (signature) - Title				
STATE OF WISCONSIN) COUNTY ) SS				
Personally came before me this day of	202	25 (name)		
(title)	, of the above named LC	DOMIS & RYAN	NC, to me known to be	e the
persons who executed the foregoing instrument, and of said corporation and acknowledged that they exec by its authority.	d to me known to be such cuted the foregoing instrume	ent as such office	r as the deed of said co	(title) prporation,
Notary Public				
Name:				
My Commission Expires:				
STATE OF WISCONSIN) COUNTY ) SS				
Personally came before me this day of	, 202	25, (name)		,
known to be the persons who executed the foregoin of said corporation and acknowledged that they exec by its authority.	g instrument, and to me kno cuted the foregoing instrume	wn to be such ent as such office	r as the deed of said co	(title) prporation,
			MUSCONS	
Notary Public Name:			MI CONTRACTOR	
State of Wisconsin My Commission Expires:			ON P. KONOPACK S-24 SUMM	
Prepared By:	~		10 SUBVE	
■ PINNACLE ENGINEERING GRO 20725 WATERTOWN ROAD   SUITE 100		// IL 22, 2025		

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

Being a redivision of Lot 80 and Lot 81 of Ryan Meadows, in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4 all in Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin

## CONSENT OF CORPORATE MORTGAGEE -LOOMIS & RYAN INC

\_\_\_\_\_\_, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, dedication and mapping of the land described in the forgoing affidavit of John P. Konopacki, surveyor, and does hereby consent to the above certification of owners.

IN WITNESS WHEREOF, the said \_\_\_\_\_\_, has caused these presents to be signed by \_\_\_\_\_\_, its President, and its corporate seal to be hereunto affixed this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

Date

President

STATE OF WISCONSIN)

Personally came before me this \_\_\_\_\_ day of \_\_\_\_\_, 2025, \_\_\_\_\_, to me known to be the person who executed the foregoing instrument and to me known to be such officer of said corporation and acknowledged the same.

Notary Public	
Name:	
State of Wisconsin	
My Commission Expires:	

### CONSENT OF CORPORATE MORTGAGEE - LOOMIS COTTAGE VENTURES, LLC,

, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, dedication and mapping of the land described in the forgoing affidavit of John P. Konopacki, surveyor, and does hereby consent to the above certification of owners.

IN WITNESS WHEREOF, the said \_\_\_\_\_\_, has caused these presents to be signed by \_\_\_\_\_\_, its President, and its corporate seal to be hereunto affixed this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

Date

President

STATE OF WISCONSIN)

\_\_\_\_\_ COUNTY) SS

Personally came before me this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2025, \_\_\_\_\_\_, to me known to be the person who executed the foregoing instrument and to me known to be such officer of said corporation and acknowledged the same.

Notary Public Name:\_\_\_\_\_\_ State of Wisconsin My Commission Expires: \_\_\_\_\_



Prepared By:
 PINNACLE ENGINEERING GROUP
 20725 WATERTOWN ROAD 1 SUITE 100
 BROOKFIELD, WI 53186
 OFFICE: (262) 754-8888
 This instrument

This instrument drafted by John P. Konopacki, PLS-License No. S-2461

PEG JOB#809.71 SHEET 6 OF 7

Being a redivision of Lot 80 and Lot 81 of Ryan Meadows, in the Northwest 1/4 of the Northeast 1/4 and the Northeast 1/4 of the Northwest 1/4 all in Section 30, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin

### CITY OF FRANKLIN COMMON COUNCIL APPROVAL

Date

John R. Nelson, Mayor

Date

Shirley J. Roberts, City Clerk

### CONSERVATION EASEMENT RESTRICTIONS:

- No construction or placement of buildings or any structure.
- No construction or any improvements, unless, notwithstanding covenant 1 above, the improvement is specifically and previously approved by the Common Council of the City of Franklin, upon the advice of such other persons, entities, and agencies as it may elect; such improvements as may be so approved being intended to enhance the resource value of the protected property to the environment or the public and including, but not limited to animal and bird feeding stations, park benches, the removal of animal blockage of natural drainage or other occurring blockage of natural drainage, and the like.
- No excavation, dredging, grading mining, drilling, or change the topography of the land or its natural condition in any manner, including any cutting or removal of vegetation, except for the

removal of dead or diseased trees; with the exception of limited grading within the wetland setback area as defined by the City of Franklin Unified Development Ordinance.

- No filling, dumping, or depositing of any material whatsoever, including, but not limited to soil, yard waste, or other landscape materials, ashes, garbage, or debris.
- No planting of any vegetation not native to the protected property or not typical wetland vegetation.
- No operating snowmobiles, dune buggies, motorcycles, all-terrain vehicles or any other types of motorized vehicles.

### NOTES:

- All measurements have been made to the nearest one-hundredth of a foot.
- All angular measurements have been made to the nearest one second.
- Bearings referenced to the Wisconsin State Plane Coordinate System, South Zone (N.A.D. 1927). The north line of the Northeast 1/4 of Section 30, Township 5 North, Range 21 East bears S89°44'26"E.
- Wetlands delineated by Eric Parker, Heartland Ecological Group, Inc. April, 2025.
- ACCESS RESTRICTION NOTE: No owner, possessor, user, nor licensee, nor other person shall have any right of direct vehicular ingress or egress with West Loomis Road - State Trunk Highway "36" - United States Highway "45" as shown. It being expressly intended that this restriction shall constitute a restriction for the benefit of the public according to SS236.293, Stats., and shall be enforceable by the Department of Transportation.
- Lot 1 of this Certified Survey Map shall have NO DIRECT VEHICULAR ACCESS through Lot 2 to West Loomis Road - State Trunk Highway "36" - United States Highway "45" per the Wisconsin Department of Transportation Project CA 064-1(1).
- HIGHWAY SETBACK RESTRICTION: There shall be no improvements or structures placed between the highway and the setback line.
- NOISE NOTE: The lots of this land division may experience noise at the levels exceeding the levels in SSTrans 405.04, Table I. These levels are based on federal standards. The Department of Transportation is not responsible for abating noise from the existing state trunk highways or connecting highways, in the absence of any increase by the Department to the highway's through-lane capacity.
- Lot 1 of this Certified Survey Map is served by private well and septic system. Lot 2 of this Certified Survey Map
  is served by public sewer and water.





**PINNACLE** ENGINEERING GROUP

5850 W. BLUEMOUND ROAD | SUITE 210 | BROOKFIELD, WI 53005 | WWW.PINNACLE-ENGR.COM |



NATURAL RESOURCE FEATURE AREAS						
RESOURCE TYPE	RYAN MEADOWS (RESIDENTIAL) LOTS 1-79, OUTLOTS 1 & 4 (27.97 AC)	LOOMIS BUSINESS PARK (COMMERCIAL) LOTS 80-84, OUTLOTS 2 & 3 (105.43 AC)	ENTIRE BASE SITE (133.40 AC)			
STEEP SLOPES AREA - 10-19% SLOPES - PER PEG SURVEYED CONTOURS	N/A	13,461 SF (0.31 AC)	13,461 SF (0.31 AC)			
STEEP SLOPES AREA - 20-30% SLOPES - PER PEG SURVEYED CONTOURS	N/A	N/A	N/A			
STEEP SLOPES - MAN-MADE - 10-19% SLOPES - PER PEG SURVEYED CONTOURS	N/A	N/A	N/A			
STEEP SLOPES - MAN-MADE - 20-30% SLOPES - PER PEG SURVEYED CONTOURS	N/A	N/A	N/A			
PONDS -FIELD DELINEATED BY PEG SURVEY IN JANUARY OF 2019	N/A	28,733 SF (0.66 AC)	28,733 SF (0.66 AC)			
WETLANDS -SEE DELINEATION NFORMATION BELOW**	N/A	251,003 SF (5.76 AC)	251,003 SF (5.76 AC)			
WETLAND BUFFER "NO TOUCH" - 30' OFFSET, BASED OFF WETLAND DELINEATION	N/A	104,124 SF (2.39 AC)	104,124 SF (2.39 AC)			
	N/A	79,308 SF (1.82 AC)	79,308 SF (1.82 AC)			
SHORE BUFFER - 75' OFFSET, BASED OFF FIELD VERIFIED POND LOCATION	N/A	14,983 SF (0.34 AC)	14,983 SF (0.34 AC)			
<ul> <li>MATURE WOODLAND</li> <li>BASED OFF PEG SURVEY</li> <li>AND CHAPUT CSM</li> </ul>	36,224 SF (0.83 AC)	268,151 SF (6.16 AC)	304,375 SF (6.99 AC)			

\* ADDITIONAL INFORMATION IS INCLUDED IN THE ATTACHED SITE INTENSITY CALCULATIONS \*\*FIELD DELINEATED BY RA SMITH NATIONAL ON 10-29-14 & 10-30-14 (SEE "WETLAND DELINEATION REPORT" DATED 03-19-15) RE-DELINEATED ALONG LOOMIS BY HEARTLAND ECOLOGICAL GROUP ON 08-15-18, 08-19-18 & 08-22-18 (SEE "WETLAND DELINEATION REPORT" DATED 09-11-18)

PLAN | DESIGN | DELIVER

04/25/19

809.20



**PEG JOB#** 



506 Springdale Street, Mount Horeb, WI 53572

April 23, 2025

Mr. Dan Szczap Bear Development, LLC 4011 80<sup>th</sup> Street Kenosha, WI, 53142

# RE: Wetland Determination Summary – Ryan Meadows CSM Parcels, City of Franklin, Milwaukee County, Wisconsin

Dear Dan:

Heartland Ecological Group, Inc. ("Heartland") completed a(n) assured wetland determination at the Project Site on April 21, 2025 at the request of Bear Development, LLC. Fieldwork was completed by Eric C. Parker, SPWS, an assured delineator qualified via the Wisconsin Department of Natural Resources (WDNR) Wetland Delineation Assurance Program (Attachment 5, Delineator Qualifications). The 17.11-acre site (the "Study Area") lies in the north-central portion of Section 30, T5N, R21E, City of Franklin, Milwaukee County, Wisconsin (Attachment 1, Figure 1). This Study Area was split into two parcels. The north parcel is 7.73 acres and located immediately southeast of the intersection of State Trunk Highway (STH) 36 (Loomis Road) and County Trunk Highway (CTH) H (Ryan Road). The southern parcel is 9.39 acres and is located 1,000 feet south of the intersection of STH 36 and CTH H. The purpose of the wetland delineation was to determine the location and extent of wetlands within the Study Area. There were no wetlands identified within the Study Area (Attachment 1, Figure 7). These findings are consistent with the previous assured wetland delineation completed by RA Smith in October 2014 (Attachment 7).

## Methods

Wetland determinations were based upon the criteria and methods described in the USACE Wetland Delineation Manual, T.R. Y-87-1 ("1987 Corps Manual") and the applicable Regional Supplement to the Corps of Engineers Wetland Delineation Manual. In addition, the Guidance for Submittal of Delineation Reports to the St. Paul District USACE and the WDNR (WDNR, 2015) was followed in completing the wetland determination and report.

Wetland determinations utilized available resources including the U.S. Geological Survey's (USGS) *WI 7.5 Minute Series (Topographic) Map* (Figure 2, Appendix A), the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service's (NRCS) Soil Survey Geographic Database (SSURGO) *Web Soil Survey* (Figure 3, Appendix A), the WDNR's *Wetland Indicator* data layer (Figure 4, Appendix A), the WDNR's *Wisconsin Wetland Inventory* data layer (Figure 5, Appendix A), the WNDR's *24k Hydro Flowlines (Rivers and Streams)* data layer (Figure 2 and 5, Appendix A), the WDNR's *Color-Stretch LiDAR and Hillshade Image Service Layer* (Figure 6, Appendix A), and aerial imagery available through the USDA Farm Service Agency's (FSA) National Agriculture Imagery Program (NAIP) and Milwaukee County's Land Information Office.



Wetland determinations were completed on-site at sample points, often along transects if wetlands were determined to be present, using the three (3) criteria (vegetation, soil, and hydrology) approach per the 1987 Corps Manual and the Regional Supplement. Procedures in these sources were followed to demonstrate that, under normal circumstances, wetlands were present or not present based on a predominance of hydrophytic vegetation, hydric soils, and wetland hydrology.

Fieldwork was completed in the spring when conditions are typically wet in most types of wetlands in southern Wisconsin. Typically, primary indicators such as High-Water Table (A2) and Saturation (A3) are expected to be present in seasonal wetlands at this time of year. The growing season was reviewed to determine it was underway based on the emergence of non-evergreen perennial plant species, buds opening on shrubs and trees, and/or the soil temperature at 12 inches depth being at 41 degrees Fahrenheit or higher within the Study Area. Sample point placement(s) for the wetland determination(s) were based on topography and the presence of potentially hydric soils as indicated by NRCS-mapped soil units and the previous wetland delineation.

Recent weather conditions influence the visibility or presence of certain wetland hydrology indicators. An assessment of recent precipitation patterns helps to determine if climatic/hydrologic conditions were typical when the field investigation was completed. Therefore, a review of antecedent precipitation in the 90 days leading up to the field investigation was completed. Using an Antecedent Precipitation Tool (APT) analysis developed by the USACE (Deters & Gutenson 2021), the amount of precipitation over these 90 days was compared to averages and standard deviation thresholds observed over the past 30 years to generally represent if conditions encountered during the investigation were normal, wet, or dry. Recent precipitation events in the weeks prior to the investigation were also considered while interpreting wetland hydrology indicators. Additionally, the Palmer Drought Severity Index was checked for long-term drought or moist conditions (NOAA, 2018).

The sample point locations were recorded with a Global Navigation Satellite System (GNSS) receiver capable of sub-meter accuracy. Wetland flagging was not utilized and sample point locations were only recorded with a GNSS receiver. The GNSS data was then used to map the sample point locations using ESRI ArcGIS Pro<sup>™</sup> software.

## Results

According to the APT analysis using the previous 90 days of precipitation data, conditions encountered at the time of the fieldwork were expected to be normal for the time of year (Appendix B). The Palmer Drought Severity Index was checked as part of the APT analysis, and the long-term conditions at the time of the fieldwork were in the mild drought range. Fieldwork was completed outside the dry season based on long-term regional hydrology data utilized in the WebWIMP Climatic Water Balance and computed as part of the APT analysis. The growing season was determined to be underway based on several nonevergreen perennial plant species greening-emerging.

The topography within the northern parcel was rolling, with various hills, depressions, and slopes and a topographic high of approximately 802 feet mean sea level (msl) on the west side, and a topographic low of approximately 787 feet msl within a depression on the east side. In the southern parcel, the topography consisted of a ridge in the southern portion of the parcel, grading down towards a depression in the north (Attachment 1, Figures 2 and



7). Topography had been graded since the 2014 wetland delineation. Land uses within the Study Area and surrounding areas are primarily agricultural row cropping and residential, with industrial and woodland areas also present.

Soils mapped by the NRCS Soil Survey within the Study Area and their hydric status are summarized in Table 1 and illustrated on Figure 3. Those areas of the Study Area with hydric or potentially hydric soils mapped by the NRCS were the primary focus of the field wetland determination.

The Wisconsin Wetland Inventory (WWI) mapping (Attachment 1, Figure 5) does not identify wetlands within the Study Area.

Soil symbol: Soil Unit Name	Soil Unit Component	Soil Unit Component Percentage	Landform	Hydric status
AsA: Ashkum silty clay loam, 0-2% slopes	Ashkum- Drained	85-100	Ground moraines, end moraines	Yes
	Peotone- Drained	0-9	Depressions on ground moraines	Yes
	Orthents, clayey	0-3	Ground moraines, lake plains	No
	Urban land	0-3	Ground moraines	No
BIA: Blount silt loam, 1-3% slopes	Blount	90	Moraines	No
	Ashkum	10	Depressions	Yes
EsA: Elliott silt loam, 1-3% slopes	Elliott	90	Ground moraines	No
	Ashkum	10	Depressions	Yes
MeB: Markham silt Ioam, 2-6% slopes	Markham	85-100	Ground moraines, end moraines	No
	Ashkum- Drained	0-9	Ground moraines, end moraines	Yes
	Pewamo	0-6	Ground moraines, end moraines	Yes
OzaB: Ozaukee silt loam, 2-6% slopes	Ozaukee	88-100	Ground moraines, end moraines	No
	Pewamo- Drained	0-7	Drainageways on ground moraines, depressions on ground moraines	Yes
	Ashkum- Drained	0-7	Ground moraines, end moraines	Yes
	Urban land	0-5	Ground moraines	No

## Table 1. Summary of NRCS Mapped Soils within the Study Area



Soil symbol: Soil Unit Name	Soil Unit Component	Soil Unit Component Percentage	Landform	Hydric status
OzaB2: Ozaukee silt loam, 2-6% slopes, eroded	Ozaukee- Eroded	88-100	Ground moraines, end moraines	No
	Ashkum- Drained	0-7	End moraines, ground moraines	Yes
	Pewamo- Drained	0-7	Drainageways on ground moraines, depressions on ground moraines	Yes
	Urban land	0-5	Ground moraines	No

Available NAIP imagery of the Study Area from the period of 2004-2020 (Attachment 5) was reviewed for evidence of wetland signatures and to gain insight into the site's recent history. NAIP imagery indicates that both parcels within the study area were row-cropped until at least 2018. In imagery from 2020, both parcels were no longer being cropped. Both parcels were graded to prepare for development in 2020. These areas have remain uncropped in the 2022 and 2024 imagery.

Field data used for wetland determination were collected at two (2) sample points. Their locations are depicted on Figure 7, Attachment 1. Vegetation at the sample point locations was comprised of old field plant communities dominated by Queen Anne's lace (*Daucus carota*, UPL), frost aster (*Symphyotrichum pilosum*, FACU), and reed canary grass (*Phalaris arundinacea*, FACW). Vegetation observed at all sample points failed to satisfy any indicators of hydrophytic vegetation. No field indicators of hydric soils or indicators of wetland hydrology were observed within any sample points.

Based on the results of the wetland determination, no wetlands are present within the limits of the Study Area. These findings concur with the previously performed assured delineation performed in 2014 (Attachment 7).

Heartland recommends that all applicable regulatory agency reviews and permits are obtained prior to beginning work within the Study Area. Heartland can assist with evaluating the need for additional environmental reviews, surveys, or regulatory agency coordination in consideration of the proposed activity and land use as requested but is outside of the scope of the wetland determination.

Experienced and qualified professionals completed the wetland determination using standard practices and professional judgment. Wetland determinations may be affected by conditions present within the Study Area at the time of the fieldwork. All final decisions on wetlands are made by the USACE, the WDNR, and/or sometimes a local unit of government. Wetland determination reviews by regulatory agencies may result in modifications to the findings presented to the Client. These modifications may result from varying conditions between the time the wetland determination was completed and the time of the review. Factors that may influence the findings may include but are not limited to precipitation patterns, drainage modifications, changes or modification to vegetation, and the time of year.



Please feel free to contact me if you have any questions regarding this wetland determination.

Regards,

E. C

Eric C. Parker, SPWS Principal Scientist Heartland Ecological Group, Inc. eric@heartlandecological.com 414-380-0269

Attachments:

- 1 Figures 1-7
- 2 APT Analysis
- 3 Wetland Determination Data Sheets
- 4 Site Photographs
- 5 NAIP Imagery
- 6 Delineator Qualifications
- 7 RAS 2014 Assured Wetland Delineation Report



Attachment 1 | Figures

















Attachment 2 | APT Analysis





Coordinates	42.871952, -88.057198
Observation Date	2025-04-20
Elevation (ft)	787.506
Drought Index (PDSI)	Mild drought (2025-03)
WebWIMP H <sub>2</sub> O Balance	Wet Season

STCORPS OF ENCI	Figure and tables made by the Antecedent Precipitation Tool
	Version 1.0
1000	Written by Jason Deters
CATORY PRO	U.S. Army Corps of Engineers

30 Days Ending	30 <sup>th</sup> %ile (in)	70 <sup>th</sup> %ile(in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2025-04-20	2.661024	4.002756	3.637795	Normal	2	3	6
2025-03-21	1.468898	2.589764	2.602362	Wet	3	2	6
2025-02-19	1.009055	2.795276	0.732283	Dry	1	1	1
Result							Normal Conditions - 13

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation $\Delta$	Weighted $\Delta$	Days Normal	Days Antecedent
HALES CORNERS/WHITNALL PARK/BO	42.9375, -88.0297	773.95	4.738	13.556	2.196	7268	78
HALES CORNERS 0.7 SE	42.9328, -88.0412	788.058	0.666	14.108	0.309	8	1
GREENDALE 1.5 NW	42.9485, -88.0252	724.081	0.793	49.869	0.396	1	11
HALES CORNERS 0.7 NNE	42.9492, -88.0439	797.9	1.081	23.95	0.512	2	0
GREENFIELD 0.7 SW	42.9559, -88.0151	765.092	1.47	8.858	0.675	2	0
GREENDALE 1.0 ENE	42.9409, -87.9823	801.837	2.409	27.887	1.151	8	0
W ALLIS	42.9981, -88.0242	772.966	4.196	0.984	1.892	2052	0
WEST ALLIS 0.7 SSE	42.998, -88.0238	768.045	4.191	5.905	1.911	2	0
MILWAUKEE MITCHELL AP	42.955, -87.9044	666.995	6.451	106.955	3.593	2010	0

— Daily Total

- 30-Day Rolling Total
  - 30-Year Normal Range

Jun	Jul	Aug
2025	2025	2025



Attachment 3 | Wetland Determination Data Sheets

## **U.S. Army Corps of Engineers** WETLAND DETERMINATION DATA SHEET – Midwest Region See ERDC/EL TR-10-16; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

	City/County: Milwaukee County Sampling Date: 2025-					2023-04-21
Applicant/Owner: Bear Development				State: Wisconsin	Sampling Point:	P1
Investigator(s): Eric C Parker, SPWS		Section, T	ownship, Ra	ange: sec 30 T005N R02	21E	
Landform (hillside, terrace, etc.): Depression		/	Local relief (	concave, convex, none):	Concave	
Slope (%): 0-2 Lat: 42.871952		Long: -	88.057198	 [	Datum: WGS84	
Soil Map Unit Name: Elliott silt loam, 1 to 3 percent slo	pes			NWI classifie	cation: None Depi	cted
Are climatic / hydrologic conditions on the site typical for	or this time c	of vear?	Yes 🗸	No (If no, expl	lain in Remarks.)	
Are Vegetation , Soil , or Hydrology	sianificantly	disturbed? A	Are "Normal (	Circumstances" present?	Yes ✓ No	)
Are Vegetation Soil or Hydrology	naturally pro	blematic? (	If needed, ex	olain anv answers in Ren	narks.)	·
SUMMARY OF FINDINGS – Attach site ma	ap showii	ng samplin	ig point lo	ocations, transects,	important fea	tures, etc.
Hydrophytic Vegetation Present? Yes No	>_√_	Is the	Sampled A	rea		
Hydric Soil Present? Yes No	> 🗸	withir	ו a Wetland	? Yes	No 🧹	
Wetland Hydrology Present? Yes No	>_√					
Remarks: APT analysis indicates climatic conditions are in the no wetlands.	ormal range.	Review of 20'	14 assured d	Jelineation confirms this pa	arcel still does not	have
VEGETATION – Use scientific names of pla	nts.					
Tree Stratum (Plot size: 30' radius )	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test work	ksheet:	
1				Number of Dominant S Are OBL, FACW, or FA	Species That	0 (A)
3.				Total Number of Domir	nant Species	1 (B)
5.				Percent of Dominant S	pecies That	
Sapling/Shrub Stratum (Plot size: 15' radius )	)	=Total Cover		Are OBL, FACW, or FA	\C: 0	.00 (A/B)
1				Prevalence Index wor	rksheet:	
2.				Total % Cover of:	Multiply	by:
3				OBL species 0	x 1 =	0
4				FACW species 0	x 2 =	0
5				FAC species 3	x 3 =	9
	0	=Total Cover		FACU species 23	x 4 =	92
Herb Stratum (Plot size: 5' radius )				UPL species 30	x 5 = <u>1</u>	50
1. DAUCUS CAROTA	30	Y	UPL	Column Totals: 56	(A) 25	<u>1.00</u> (B)
2. Erigeron canadensis	10	N	FACU	Prevalence Index =	: B/A = <u>4.48</u>	
3. Taraxacum officinale	5	<u>N</u>	FACU			
4. Festuca rubra	5	N	FACU	Hydrophytic Vegetati	on Indicators:	
5. Symphyotrichum pilosum	3	N	FACU	1 - Rapid Test for I	Hydrophytic Vegeta	ation
6. Rumex crispus	3	N	FAC		st is >50%	
7				3 - Prevalence ind	$ex is \leq 3.0^{\circ}$	de europartina
8				4 - Morphological /	Adaptations (Flovi	de supporting
9					s or orra separates	(Evoloin)
10	50.0	Tatal Covor			phytic vegetation	(Explain)
<u>Woody Vine Stratum</u> (Plot size: <u>30' radius</u> )	<u>56.0</u>	=10tai Covei		<sup>1</sup> Indicators of hydric so be present, unless dist	il and wetland hydi urbed or problema	rology must tic.
1				Hydrophytic		
2				Vegetation		
	0	=Total Cover		Present? Yes	No√_	_

SOIL

. /	Color	(moist)	%	Color (moist)	% 1	Гуре <sup>1</sup>	Loc <sup>2</sup>	Text	ure		Remarks		
0-21	10YR	3/1	100			<u> </u>		SIC	)L	No redox			
21-24	2.5Y	2.5/1	100					SI	L	No redox			
		210/1											
Туре: С=С	oncentratio	n, D=Depl	letion, RM=	Reduced Matrix, I	//S=Maske	d Sand	Grains		<sup>2</sup> Location	: PL=Pore	Lining, M=Ma	trix.	
Hydric Soil	Indicators	:							Indicator	s for Probl	ematic Hydri	c Soils <sup>3</sup> :	
Histosol	(A1)			Sandy Gle	Sandy Gleyed Matrix (S4)				Iron-	Manganese	e Masses (F12	2)	
Histic Ep	pipedon (A2	2)		Sandy Re	Sandy Redox (S5)				Red I	Parent Mate	erial (F21) Ver	у	
Black Histic (A3)				Stripped N	Stripped Matrix (S6)				Shallow Dark Surface (F22)				
Hydrogen Sulfide (A4)				Dark Surfa	Dark Surface (S7)				Other (Explain in Remarks)				
Stratified	d Layers (A	5)		Loamy Mu	cky Minera	al (F1)							
2 cm Mu	uck (A10)			Loamy Gle	eyed Matrix	: (F2)							
Deplete	d Below Da	rk Surface	e (A11)	Depleted I	Matrix (F3)								
Thick Dark Surface (A12)				Redox Da	Redox Dark Surface (F6)								
Iron Monosulfide (A18)				Depleted Dark Surface (F7)					Indicators of hydrophytic vegetation and				
Sandy Mucky Mineral (S1)				Redox Depressions (F8)					wetland hydrology must be present,			esent,	
—5 cm Mı	ucky Peat o	r Peat (S3	5)						unles	s disturbed	or problemat	с.	
Restrictive	Layer (if ol	bserved):											
Type:													
Depth (inches):			Hydr				Hydric So	ydric Soil Present? Yes <u>No</u>					
Remarks:													
Remarks:													
Remarks:	DGY												
Remarks: YDROLC	)GY /drology In	dicators:											
Remarks: YDROLC Vetland Hy Primary Indi	DGY rdrology In cators (min	dicators:	ne is requi	red; check all that	apply)	- (P0)			Secondar	y Indicators	(minimum of	two require	
YDROLC YDROLC Vetland Hy Primary Indi Surface	DGY rdrology In cators (min Water (A1)	dicators: imum of o	ne is requi	red; check all that	apply) ined Leave	s (B9)			Secondar Surfa	<u>y Indicators</u> ce Soil Cra	<u>: (minimum of</u> cks (B6)	two require	
YDROLC YUROLC Vetland Hy Primary Indi Surface High Wa	DGY drology In cators (min Water (A1) ater Table (/	dicators: imum of o A2)	ne is requi	red; check all that Water-Sta Aquatic Fa	apply) ined Leave suna (B13)	s (B9)			Secondar Surfa Drain	y Indicators ce Soil Cra age Patterr	s (minimum of cks (B6) ns (B10)	two require	
Primary Indi Surface High Wa Saturatid Water M	DGY rdrology In cators (min Water (A1) ater Table ( <i>i</i> on (A3) darke (B1)	dicators: imum of o A2)	ne is requi	red; check all that Water-Sta Aquatic Fa True Aqua	apply) ined Leave iuna (B13) tic Plants ( Sulfide Od	s (B9) B14)			Secondar Surfa Drain Dry-S	y Indicators ce Soil Cra age Patterr Season Wat	<u>s (minimum of</u> cks (B6) ns (B10) er Table (C2)	two require	
YDROLC YDROLC Vetland Hy Yrimary Indi Surface High Wa Saturatio Water M	DGY rdrology In icators (min Water (A1) ater Table ( <i>i</i> on (A3) flarks (B1) nt Deposits	dicators: imum of o A2) (B2)	ne is requi	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen	apply) ined Leave suna (B13) tic Plants ( Sulfide Od	s (B9) B14) or (C1)	iving Pr		Secondar Surfa Drain Dry-S Crayf	<u>y Indicators</u> ce Soil Cra age Patterr Season Wat ish Burrows	s (minimum of cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im	two require	
Primary Indi Primary Indi Surface High Wa Saturatio Water M Sedimer Drift Der	DGY rdrology In Acators (min Water (A1) ater Table (r on (A3) farks (B1) nt Deposits posits (B3)	dicators: imum of o A2) (B2)	ne is requi	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F	apply) ined Leave auna (B13) tic Plants ( Sulfide Od Rhizospher	s (B9) B14) or (C1) es on L	iving Ro		Secondar Surfa Drain Dry-S Crayf Satur	<u>y Indicators</u> ce Soil Cra age Patterr Season Wat ish Burrows ation Visible	<u>s (minimum of</u> cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im	two require	
YDROLC Yetland Hy Primary Indi Surface High Wa Saturatie Water M Sedimer Drift Dep Algal Ma	OGY drology In cators (min Water (A1) ater Table ( on (A3) farks (B1) nt Deposits posits (B3) at or Crust (	dicators: imum of o A2) (B2) B4)	ne is requi	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro	apply) ined Leave auna (B13) tic Plants ( Sulfide Od Rhizosphere of Reduced n Reductio	s (B9) B14) or (C1) es on L d Iron (i n in Til	iving Ro C4)	pots (C3)	Secondar Surfa Drain Dry-S Crayf Satur Stunt Geon	y Indicators ce Soil Cra age Patterr Season Wat ish Burrows ation Visible ed or Stress porphic Pos	s (minimum of cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D	<u>two require</u> agery (C9) 1)	
Primary Indi Surface High Wa Saturatid Water M Sedimer Drift Dep Algal Ma Iron Der	DGY rdrology In cators (min Water (A1) ater Table ( <i>i</i> on (A3) farks (B1) nt Deposits posits (B3) at or Crust ( posits (B5)	dicators: imum of o A2) (B2) B4)	ne is requi	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro Thin Muck	apply) ined Leave tuna (B13) tic Plants ( Sulfide Od Rhizospher of Reduced n Reductio Surface (C	s (B9) B14) or (C1) es on L d Iron ( n in Til C7)	iving Ro C4) Ied Soils	pots (C3) s (C6)	Secondar Surfa Drain Dry-S Crayf Satur Stunt Geon FAC-	y Indicators ce Soil Cra age Patterr Season Wat ish Burrows ation Visible ed or Stress norphic Pos Neutral Tes	s (minimum of cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D sition (D2) st (D5)	two require agery (C9) 1)	
Remarks: <b>IYDROLC</b> <b>Netland Hy</b> Primary Indi Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati	DGY rdrology In vater (A1) ater Table ( <i>i</i> on (A3) farks (B1) nt Deposits posits (B3) at or Crust ( posits (B5) on Visible c	dicators: imum of o A2) (B2) B4) on Aerial Ir	ne is requi	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro Thin Muck	apply) ined Leave tuna (B13) tic Plants ( Sulfide Od Chizosphere of Reduced n Reductio Surface (C Well Data (	s (B9) B14) or (C1) es on L d Iron ( n in Til C7) D9)	iving Ro C4) Ied Soils	pots (C3) s (C6)	Secondar Surfa Drain Dry-S Crayf Satur Stunt Geon FAC-	<u>y Indicators</u> ce Soil Cra age Patterr Geason Wat ish Burrows ation Visible ed or Stress norphic Pos Neutral Tes	s (minimum of cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D sition (D2) st (D5)	<u>two require</u> agery (C9) 1)	
Primary Indi Primary Indi Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely	DGY rdrology In cators (min Water (A1) ater Table ( <i>i</i> on (A3) flarks (B1) nt Deposits posits (B3) at or Crust ( posits (B5) on Visible c y Vegetated	dicators: imum of o A2) (B2) B4) on Aerial Ir I Concave	ne is requi nagery (B7 Surface (E	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro Thin Muck 38) Other (Exp	apply) ined Leave auna (B13) tic Plants ( Sulfide Od Rhizosphere of Reduced n Reductio Surface (C Well Data ( olain in Rer	rs (B9) B14) or (C1) es on L d Iron ( d Iron ( n in Til C7) D9) narks)	iving Ro C4) led Soils	bots (C3) s (C6)	Secondar Surfa Drain Dry-S Crayf Satur Stunt Geon FAC-	y Indicators ce Soil Cra age Patterr Season Wat ish Burrows ation Visible ed or Stress norphic Pos Neutral Tes	(minimum of cks (B6) is (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D cition (D2) st (D5)	<u>two require</u> agery (C9) 1)	
Remarks: YDROLC Vetland Hy Primary Indi Surface High Wa Saturation Water M Sedimen Drift Dep Algal Ma Iron Dep Inundati Sparsely ield Obser	DGY drology In cators (min Water (A1) ater Table ( <i>i</i> on (A3) Marks (B1) nt Deposits posits (B3) at or Crust ( posits (B5) on Visible c y Vegetated rvations:	dicators: imum of o A2) (B2) (B2) (B4) on Aerial Ir I Concave	ne is requi nagery (B7 Surface (E	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro Thin Muck 7) Gauge or 38) Other (Exp	apply) ined Leave tuna (B13) tic Plants ( Sulfide Od Rhizospher of Reduced n Reductio Surface (C Well Data ( olain in Rer	s (B9) B14) or (C1) es on L d Iron (i n in Til C7) D9) narks)	iving Ro C4) led Soils	pots (C3) s (C6)	Secondar Surfa Drain Dry-S Crayf Satur Stunt Geon FAC-	y Indicators ce Soil Cra age Patterr Season Wat ish Burrows ation Visible ed or Stress norphic Pos Neutral Tes	s (minimum of cks (B6) as (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D sition (D2) st (D5)	two require agery (C9) 1)	
Remarks: IYDROLC Vetland Hy Primary Indi Surface High Wa Saturatio Water M Sedimer Drift Deg Algal Ma Iron Deg Inundati Sparsely Field Obser Surface Wa	DGY rdrology In cators (min Water (A1) ater Table ( <i>i</i> on (A3) farks (B1) nt Deposits posits (B3) at or Crust ( bosits (B5) on Visible co y Vegetated rvations: ter Present?	dicators: imum of o A2) (B2) B4) on Aerial Ir I Concave ? Ye	ne is requi nagery (B7 Surface (E	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro Thin Muck 7) Gauge or 88) Other (Exp	apply) ined Leave tuna (B13) tic Plants ( Sulfide Od Rhizosphere of Reduced n Reductio Surface (C Well Data ( olain in Rer Depth (incl	s (B9) B14) or (C1) es on L d Iron ( n in Til C7) (D9) narks) hes):	iving Ro C4) Ied Soils	pots (C3) s (C6)	Secondar Surfa Drain Dry-S Crayf Satur Stunt Geon FAC-	y Indicators ce Soil Cra age Patterr Geason Wat ish Burrows ation Visible ed or Stress norphic Pos Neutral Tes	s (minimum of cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D sition (D2) st (D5)	two require agery (C9) 1)	
Remarks: IYDROLC Wetland Hy Primary Indi Surface High Wa Saturatio Water M Sedimer Drift Dep Algal Ma Iron Dep Inundati Sparsely Field Obser Surface Water Vater Table	DGY rdrology In vater (A1) ater Table ( <i>i</i> on (A3) farks (B1) farks (B1) farks (B1) farks (B3) at or Crust ( boosits (B5) on Visible c y Vegetatec rvations: ter Present?	dicators: imum of o A2) (B2) B4) bn Aerial Ir I Concave ? Ye Ye	ne is requi magery (B7 Surface (E s s	red; check all that Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized F Presence Recent Iro Thin Muck () Gauge or 38) Other (Exp No $\checkmark$	apply) ined Leave tuna (B13) tic Plants ( Sulfide Od Rhizosphere of Reduced n Reductio Surface (C Well Data ( Dlain in Rer Depth (incl Depth (incl	s (B9) B14) or (C1) es on L d Iron ( <sup>1</sup> n in Til C7) D9) narks) hes): hes):	iving Ro C4) led Soils	bots (C3) s (C6)	Secondar Surfa Drain Dry-S Crayf Saturt Stunt Geon FAC-	<u>y Indicators</u> ce Soil Cra age Patterr Beason Wat ish Burrows ation Visible ed or Stress norphic Pos Neutral Tes	s (minimum of cks (B6) ns (B10) er Table (C2) s (C8) e on Aerial Im sed Plants (D sition (D2) st (D5)	two require agery (C9) 1)	

# (includes capillary fringe)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: 2005-2024 NAIP imagery

### Remarks:

Standing water and saturated soils in the upper 3 inches of soil are perched and present due to significant rain over the last 2-3 days and are NOT associated with a water table.

## U.S. Army Corps of Engineers WETLAND DETERMINATION DATA SHEET – Midwest Region See ERDC/EL TR-10-16; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027 Requirement Control Symbol EXEMPT: (Authority: AR 335-15, paragraph 5-2a)

Project/Site: 20251512 Ryan Meadows CSMs		City/Cour	nty: Milwaul	kee County	Sampling Date:	2025-04-21				
Applicant/Owner: Bear Development				State: Wisconsin	Sampling Point:	P2				
Investigator(s): Eric C Parker, SPWS		Section, T	Section, Township, Range: sec 30 T005N R021E							
Landform (hillside, terrace, etc.): Sideslope		I	Local relief (d	concave, convex, none):	None					
Slope (%): 3-7 Lat: 42.867031		Long: -	88.059976	1	Datum: WGS84					
Soil Map Unit Name: Ashkum silty clay loam, 0 to 2 pe	ercent slopes	~		NWI classifi	cation: None Dep	icted				
Are climatic / hvdrologic conditions on the site typical f	or this time c	of vear?	Yes 🗸	No (If no, exp	lain in Remarks.)					
Are Vegetation Soil or Hydrology	significantly	disturbed? A	Are "Normal (	Circumstances" present?	Yes 🗸 N	0				
Are Vegetation Soil or Hydrology	naturally pro	hlematic? (	If needed ex	volain any answers in Rer	narke)	°				
					Idino.					
SUMMARY OF FINDINGS – Attach site m	ap snown	ng samplin	g point io	Cations, transects,	important lea	itures, etc.				
Hydrophytic Vegetation Present? Yes N	0_√_	Is the	Sampled A	rea						
Hydric Soil Present? Yes N	0 ✓	within	n a Wetland	? Yes	No 🧹					
Wetland Hydrology Present? Yes N	0_√_									
Remarks:				· · · ·		-				
APT analysis indicates climatic conditions are in the n wetlands.	ormal range.	Review of 201	14 assured d	lelineation confirms this p	arcel still does not	i have				
VECETATION Lies scientific names of pla										
VEGETATION – Use scienting names of pla	Absolute	Dominant	Indicator	1						
Tree Stratum (Plot size: <u>30' radius</u> )	% Cover	Species?	Status	Dominance Test wor	ksheet:					
1				Number of Dominant S	Species That					
2				Are OBL, FACW, or FA	AC:	1 (A)				
3				Total Number of Domin	nant Species					
4				Across All Strata:		3(B)				
5		Total Covor		Percent of Dominant S	pecies That	οοοο (Λ/P)				
Sanling/Shrub Stratum (Plot size: 15' radius	<u>ں</u>			ALE ODE, FACIN, OF FA	AC: <u> </u>	3.33 (A/D)				
1	)			Prevalence Index wo	rksheet:					
2.				Total % Cover of:	Multiply	v by:				
3.				OBL species 0	x 1 =	0				
4.				FACW species 20	x 2 =	40				
5.				FAC species 3	x 3 =	9				
	0	=Total Cover		FACU species 40	x 4 =	160				
Herb Stratum (Plot size: 5' radius )	-			UPL species 20	x 5 =	100				
1. DAUCUS CAROTA	20	Y	UPL	Column Totals: 83	(A) <u>30</u>	09.00 (B)				
2. Symphyotrichum pilosum	15	Y	FACU	Prevalence Index =	= B/A = <u>3.72</u>					
3. PHALARIS ARUNDINACEA	15	Y	FACW							
4. Solidago canadensis	10	N	FACU	Hydrophytic Vegetati	on Indicators:					
5. Taraxacum officinale	7	<u> </u>	FACU	1 - Rapid Test for	Hydrophytic Vege	tation				
6. Festuca rubra	5	<u> </u>	FACU	2 - Dominance res	st is >50%					
	<u> </u>	<u>N</u>		3 - Prevalence inu	$eX IS \leq 3.0$	vide supporting				
Engeron canademsis     Pumov crispus	<u> </u>	<u> </u>	FACU	data in Remarks	s or on a separate	sheet)				
10	5	IN	FAG	Problematic Hydro	phytic Vegetation	<sup>1</sup> (Explain)				
10	83.0	=Total Cover		<sup>1</sup> Indicators of hydric sc	and wotland by					
Woodv Vine Stratum (Plot size: 30' radius	)	-1010.0012		be present, unless dist	urbed or problem:	atic.				
1. <u></u> , ,	/			Hydrophytic						
2.				Vegetation						
	0	=Total Cover		Present? Yes	No_√					
Remarks: (Include photo numbers here or on a sepa	rate sheet.)			<u>I</u>		-				
Weed community	,									

nches) 0-12	Color			Redo	x Features						
0-12	00101	(moist)	%	Color (moist)	% Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks		
	10YR	3/1	100				SIL	No redox			
12-16	10YR	2/1	100				SIL	No redox			
16-20	2.5Y	2.5/1	100				SICL	No redox			
20-24	2.5Y	4/1	100				SIC	No redox			
vpe: C=Cc		n. D=Dep	letion. RM	=Reduced Matrix. I	MS=Masked Sand	Grains.	<sup>2</sup> Loca	tion: PL=Pore I	Lining, M=Ma	trix.	
vdric Soil I	ndicators	:					Indic	ators for Proble	ematic Hvdri	c Soils <sup>3</sup>	:
Histosol (A1)       Sandy Gleyed Matrix (S4)         Histic Epipedon (A2)       Sandy Redox (S5)         Black Histic (A3)       Stripped Matrix (S6)         Hydrogen Sulfide (A4)       Dark Surface (S7)         Stratified Layers (A5)       Loamy Mucky Mineral (F1)         2 cm Muck (A10)       Loamy Gleyed Matrix (F2)         Depleted Below Dark Surface (A11)       Depleted Matrix (F3)         Thick Dark Surface (A12)       Redox Dark Surface (F6)         Iron Monosulfide (A18)       Depleted Dark Surface (F7)         Sandy Mucky Peat or Peat (S3)       Redox Depressions (F8)         Restrictive Layer (if observed):       Type:         Depth (inches):       Deptetel (inches):						<ul> <li>Iron-Manganese Masses (F12)</li> <li>Red Parent Material (F21) Very</li> <li>Shallow Dark Surface (F22)</li> <li>Other (Explain in Remarks)</li> </ul> <sup>3</sup> Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Hydric Soil Present? Yes No					
emarks: /DROLO /etland Hyc	GY drology In	dicators:	ne is requ	ired; check all that	apply)		<u>Seco</u> l	ndary Indicators	. (minimum of	two requ	uire

Stunted or Stressed Plants (D1)

Geomorphic Position (D2)
--------------------------

Iron Deposits (B5) Thin Muck Surface (C7) FAC-Neutral Test (D5) Gauge or Well Data (D9) Inundation Visible on Aerial Imagery (B7) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) **Field Observations:** Surface Water Present? Yes No Depth (inches): No ✓ No ✓ Water Table Present? Yes Depth (inches): Saturation Present? Yes Depth (inches): Wetland Hydrology Present? Yes No 🗸 (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: 2005-2024 NAIP imagery Remarks: No wetland hydrology indicators observed, no saturation.

Presence of Reduced Iron (C4)

Recent Iron Reduction in Tilled Soils (C6)

Drift Deposits (B3)

Algal Mat or Crust (B4)



Attachment 4 | Site Photographs



Ryan Meadows CSMs Parcels Bear Development, LLC April 21, 2025 Assured Wetland Delineation Milwaukee County, Wisconsin Heartland Project #: 20251512



Photo #1 Sample point P1



Photo #2 Sample point P1



Photo #3 Sample point P1



Photo #5 Sample point P2



Photo #4 Sample point P1



Photo #6 Sample point P2



Ryan Meadows CSMs Parcels Bear Development, LLC April 21, 2025



**Photo #7** Sample point P2



Photo #8 Sample point P2



Attachment 5 | NAIP Imagery
























Bear Development, LLC Ryan Meadows CSM Parcels Project #:20251512 April 23, 2025

Attachment 6 | Delineator Qualifications

#### State of Wisconsin DEPARTMENT OF NATURAL RESOURCES 1027 W. Saint Paul Avenue Milwaukee WI 53233

Tony Evers, Governor Karen Hyun, Ph.D., Secretary

> Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



April 1, 2025

Eric Parker, SPWS, CWS Heartland Ecological Group, Inc. 4821 Elm Island Circle Waterford, WI 53185

Subject: 2025 Assured Wetland Delineator Confirmation

Dear Eric Parker:

This letter provides Wisconsin Department of Natural Resources (WDNR) confirmation for the wetland delineations you conduct during the 2025 growing season. You and your clients will not need to wait for the WDNR to review your wetland delineations before moving forward with project planning. This will help expedite the review process for WDNR's wetland regulatory program. Your name and contact information will continue to be listed on our website at: http://dnr.wi.gov/topic/wetlands/assurance.html.

In the instance where a municipality may require a letter of confirmation for your work prior to moving forward in the local regulatory process, this letter shall serve as that confirmation. Although your wetland delineations do not require WDNR field review, inclusion of a Wetland Delineation Report is required for projects needing State authorized wetland, waterway and/or storm water permit approvals.

To comply with Chapter 23.321, State Statutes, please supply the department with a polygon shapefile of the wetland boundaries delineated within the project area. Please do not include data such as parcel boundaries, project limits, wetland graphic representation symbols, etc. If internal upland polygons are found within a wetland polygon, then please label as UPLAND. The shapefile should utilize a State Plane Projection and be overlain onto recent aerial photography. If a different projection system is used, please indicate in which system the data are projected. In the correspondence sent with the shapefile, please supply a brief description of each wetland's plant community (eg: wet meadow, floodplain forest, etc.). Please send these data to Calvin Lawrence (608-266-0756 or email at calvin.lawrence@wisconsin.gov).

If you or any client has a question regarding your status in the Wetland Delineation Professional Assurance Program, contact me by email at kara.brooks@wisconsin.gov or phone at 414-308-6780. Thank you for all your hard work and best wishes for the upcoming field season.

Sincerely,

Kara Brooks Wetland Identification Coordinator Bureau of Watershed Management





Eric C. Parker, SPWS Principal Scientist 4821 Elm Island Circle, Waterford, WI 53185 eric@heartlandecological.com (414) 380-0269



Eric is a Senior Professional Wetland Scientist and Professionally Assured Wetland Delineator in Wisconsin with 35 years of experience assisting public and private clientele. He has completed wetland projects in other states including IL, IN, OH, MI, ND, MO, PA, TX, MD, VA, and NC. His work has supported thousands of institutional, commercial, utility, residential, industrial & transportation projects. Eric's natural resource specialties include botanical surveys, wetland science, restoration and mitigation, and environmental corridor mapping. He has a widespread understanding of the scientific, technical, and regulatory aspects of natural resources projects. His interests also include floristic quality assessment (FQA) and wetness categorization of plant species.

Eric's experience includes the following: Botanical / Biological Surveys and Natural Resource Inventories; Rare Species Surveys, Conservation Plans and Monitoring; Wetland Determination, Delineation and Functional Assessment; Wetland Exemptions; Environmental Corridor Determinations/Mapping; Wetland Restoration, Mitigation, Banking and Monitoring; Habitat Restoration, Wildlife Surveys, SCAT surveys, Environmental Assessments; Local, state, federal permit applications; Expert Witness testimony; and Regulatory permit compliance.

## Education

Wetland Ecosystems (including delineation & assessment), USEPA Graduate School, Washington DC, 1988

US Army Terrain Analysis Course, Distinguished Graduate, Defense Mapping School, Fort Belvoir, VA, 1984

BS, Watershed Management, Soils Minor, University of Wisconsin – Stevens Point, Stevens Point, WI, 1983

## Certifications and Licensing

Senior Professional Wetland Scientist #838, Society of Wetland Scientists Professional Certification Program, 1995 - present

Certified Wetland Scientist #C-058, Stormwater Management Commission Lake County, IL, 2002 present

Qualified Wetland Review Specialist #W-057, Kane County, IL, 2006 – present

## **Professional Development**

Critical Methods in Wetland Delineation, University of Wisconsin - La Crosse Continuing Education and Extension, Madison, WI, 2006, 2008, 2010, 2014, 2016-2022

Sedges ID & Ecology, University of Wisconsin – Milwaukee, Cedarburg Bog Field Station, Saukville, WI, 2002, 2006, 2010

Advanced Wetland Delineation, University of Wisconsin - La Crosse, Bayfield County, WI, 2001

Vegetation Description, University of Wisconsin – Milwaukee, Cedarburg Bog Field Station, Saukville, WI, 1998

Mosses ID & Ecology, University of Wisconsin – Milwaukee, Cedarburg Bog Field Station, Saukville, WI, 1998

Grasses ID & Ecology, University of Wisconsin – Milwaukee, Cedarburg Bog Field Station, Saukville, WI, 1998

Basic Wetland Delineation Training, Wisconsin Department of Administration, Waukesha, WI, 1997

Field Oriented Wetland Delineation Course (1987 Corps Manual), Wetlands Training Institute (WTI), St. Paul, MN, 1994

## **Project Experience**

## Wetland Delineation & Regulatory Support

## 2022 Wetland Delineations, Exemption Submittals, and Permitting (104 sites)

Capitol Dr Property, Waukesha Co., WI (Jan); Puetz Rd Property, Milwaukee Co., WI (Jan); Glas Driveway Wetlands and GP, Kenosha Co., (Mar); 19555 W Lincoln Ave GP, Waukesha Co., WI (Mar); Northern Oaks Subd GP-AWER, Waukesha Co., WI (Mar); Workman Properties, Waukesha Co., WI (Apr); 5732 W Rawson Av, Milwaukee Co., WI (Apr); 2705 West Rd, Racine Co., WI (Apr); CTH CW Site, Dodge Co., WI (Apr); 4-Mile Rd Property, Racine Co., WI (Apr); Kurtze Ln Property, Waukesha Co., WI (Apr); 128th St Parcel, Kenosha Co., WI (Apr); Thomas Property Wetlands-PEC-Navigability, Waukesha Co., WI (Apr); Ament Property, Racine Co., WI (Apr); W3970 South Shore Dr, Walworth Co., WI (Apr); N2280 Temperance Tr, Walworth Co., WI (Apr); S Clark St Parcel, Dodge Co., WI (Apr); Deer Haven GC, Waukesha Co., WI (May); Petrie Rd 7.5 Ac Parcel, Walworth Co., WI (Apr); 5.5Ac Parcel Mukwonago, Waukesha Co., WI (Apr); S107 W16311 Loomis Rd Parcel, Waukesha Co., WI (Apr); CTH A & USH 12 Property, Walworth Co., WI (Apr); Cape Crossing NFE, Milwaukee Co., WI (Apr); Teipner Parcel, Waukesha Co., WI (Apr); Lichner Parcel, Waukesha Co., WI (Apr); Biocut Systems Site AWER, Waukesha Co., WI (Apr); Spring St Parcels, Racine Co., WI (May); US41 Corridor, Waukesha Co., WI (Apr); Reddelien Rd Parcel, Waukesha Co., WI (May); Watertown Rd Property, Waukesha Co., WI (May); 10027 Camelot Dr, Racine Co., WI (May); Koller Property, Ozaukee Co., WI (May); Altschaefl Property, Waukesha Co., WI (May); Pipito Property Pond, Dodge Co., WI (May); Kenora Rd Parcels, Waukesha Co., WI (May); Moorland & Greenfield Wetlands-AWER, Waukesha County, WI (May); Alliant Edgewater GS, Sheboygan Co., WI (May); Arbet North Parcel, Kenosha Co., WI (May); Pleasant Prairie Police Station, Kenosha Co., WI (May); 3rd Ave Pleasant Prairie Site, Kenosha Co., WI (May); 10766 N Torrey Dr Property, Ozaukee Co., WI (Jun); Kolnik Parcel, Kenosha Co., WI (Jun); Gateway Dr Watertown, Jefferson Co., WI (Jun); Green Bay Gardens Site, Kenosha Co., WI (Jun); DuCharme Property Wetlands-PEC, Waukesha Co., WI (Jun); 2301 Lakeshore Dr. GP-Tree Survey, Ozaukee Co., WI (Jun); 641 Drexel Wetlands-GP, Milwaukee Co., WI (Jun); Quigley Farm, Washington Co., WI (Jun); Big Bend Business Park, Waukesha Co., WI (Jun); Lad Lake Property, Waukesha Co., WI (Jun); Pleasant Prairie PP Utility Corridor, Kenosha Co., WI (Jul); Pleasant Prairie Fire Station 3, Kenosha Co., WI (Jul); CTH H Parcels, Walworth Co., WI (Jul); Oakwood Rd Parcels, Milwaukee Co., WI (Jul); Big Bend Rd Property, Waukesha Co., WI (Jul); Heartland Communities, Racine Co., WI (Jul); Leo Living Bristol Wetlands-PEC, Kenosha Co., WI (Jul); Stream Conservation Union Grove, Racine Co., WI (Jul); 8979 S 42nd St Franklin, Milwaukee Co., WI (Jul); 2205 Silvernail Rd, Waukesha Co., WI (Jul); East Wolf Run Mukwonago, Waukesha Co., WI (Jul); 1302 Roundtable Dr, Racine Co., WI (Jul); Corporation Parcel Dover, Racine Co., WI (Jul); 11925 W Lake Park Dr, Milwaukee Co., WI (Jul); 17905 W Capitol Dr Parcel, Waukesha Co., WI (Jul); Mosconi West Property, Kenosha Co., WI (Jul); Promise Builders Site, Kenosha Co., WI (Jul); Highland Dr Menomonee Falls Botanical Survey, Waukesha Co., WI (Aug); METRO RDF Expansion, Milwaukee Co., WI (Aug); 5.53 Ac Mukwonago Site, Waukesha Co., WI (Aug); Northstar Beloit Site, Rock Co., WI (Aug); Wirth Farm PEC-AWER-Tree Survey, Ozaukee Co., WI (Aug); Olympia Fields Wetlands-AWER, Waukesha Co., WI (Aug); Maple Rd Softball Field, Washington Co., WI (Aug); Blise Property Pond, Washington Co., WI (Aug); St. Johns NW Military Academy Wetlands-PEC, Waukesha Co., WI (Aug); Wildwood Property Wetlands-Navigability, Walworth Co., WI (Aug); Goldendale Rd Property, Washington Co., WI (Aug); 6951 S Lovers Lane, Milwaukee Co., WI (Aug); Klumb Property Wetlands-Corridor, Waukesha Co., WI (Aug); Highland Meadows Residential, Ozaukee Co., WI (Sep); Grand Hills Castle Expansion GP, Waukesha Co., WI (Sep); 31110 82nd St Property, Kenosha Co., WI (Sept); Miller Property Wetlands-SEC, Waukesha Co., WI (Sep); Townline Rd Water Main Wetlands-GP, Waukesha Co., WI (Sep); Sanctuary at Good Hope East PEC, Waukesha Co., WI (Oct); Kutzler Express Property, Kenosha Co., WI (Oct); 47th Ave Property, Kenosha Co., WI (Oct); Steinbrink Property, Kenosha Co., WI (Oct); Caledonia Developments, Racine Co., WI (Oct); DeGrave Farm, Racine Co., WI (Oct); Nettesheim Farm Pewaukee, Waukesha Co., WI (Oct); Fisher-Barton Property, Waukesha Co., WI (Oct); BRP shipyard Sturtevant, Racine Co., WI (Oct); CTH C Site Sheboygan Falls, Sheboygan Co., WI (Oct); Willabay Meadows Residential, Walworth Co., WI (Oct); Thode Dr Property, Waukesha Co., WI (Oct); Middle Rd Property Wetlands-AWER, Racine Co., WI (Oct); Three Pillars Dousman Ph1A, Waukesha Co., WI (Oct); Primrose School Site Brookfield, Waukesha Co., WI (Oct); Grand Geneva Housing Site, Walworth Co., WI (Nov); 2651 Fuller Rd Site, Rock Co., WI (Nov); Willis Ray Rd Property, Walworth Co., WI (Nov); Harding Dr Menomonee Falls Site, Waukesha Co., WI (Nov).

## 2021 Wetland Delineations, Exemption Submittals, and Permitting (95 sites)

CTH CW Property Exemption, Jefferson Co., WI (Jan); BP Parcel Determination, Kenosha Co., WI (Mar); Narula Property, Kenosha Co., WI (Apr); So Wi Veterans Mem Cemetery, Racine Co., WI (Apr); N. 70th St. Site, Milwaukee Co., WI (Apr); 6th & Grange Site, Milwaukee Co., WI (Apr); North Lake Dr Site, Racine Co., WI (Apr); E. Lakeshore Dr Property, Kenosha Co., WI (Apr); Deaton Parcel Exemption, Kenosha Co., WI (Apr); Alliant Energy Solar Site, Sheboygan Co., WI (Apr); Breg-3 Site Exemptions, Milwaukee Co., WI (Feb); Bristol Highlands, Kenosha Co., WI (Apr); Sandalwood Lot 20, Oconto Co., WI (Apr); Martin Rd Parcels, Waukesha Co., WI (Apr); Fair Meadow Subd Exemption, Walworth Co., WI (Apr); Will Rose Haven GP, Waukesha Co., WI (Apr); Bristol Property Wetlands & Exemption, Kenosha Co., WI (Apr); 11900 N Port Washington Rd, Ozaukee Co., WI (Apr); Gibbs Parcel, Kenosha Co., WI (May); Schaefer Farm, Racine Co., WI (May); Lisbon 12-Ac Parcel, Waukesha Co., WI (May); Coach Hills Exemptions, Racine Co., WI (May); Ventimiglia Property, Oconto Co., WI (May); Case HS Property, Racine Co., WI (May); Warntjes North-South Parcels, Kenosha Co., WI (May/Jul); CSM 3325 Dover, Racine Co., WI (May); STH 175 Parcel, Washington Co., WI (May); Holy Hill Rd Property, Washington Co., WI (May); Lyons Parcel Determination, Walworth Co., WI (May); CSM 3591 Mequon, Ozaukee Co., WI (May); Parcel 293-0965 Pleasant Prairie, Kenosha County, WI (May); Denoon Country Estates Muskego, Waukesha Co., WI (May); Blaze Landscaping Lisbon Parcel Wetlands-Exemption, Waukesha Co., WI (Jun); Hughes Parcel wetlands-Woodlands-PEC, Racine Co., WI (Jun); Logan Parcel, Washington Co., WI (May); CTH LL Property, Ozaukee Co., WI (Jun); Steenburg Farm Oakridge, Fond du Lac Co., WI (Jun); Steenburg Farm Dallman, Fond du Lac Co., WI (Jun); UW Parkside Utility Renovations, Kenosha County, WI (May); Salem Lakes Parcel 70412, Kenosha County, WI (Jun); Russet Ct Muskego Site, Waukesha Co., WI (Jun); Kazmierczak Property, Washington Co., WI (Jun); Parcel 152-0100 Pleasant Prairie, Kenosha Co., WI (Jun); 59-Acre Parcel Lisbon Property, Waukesha Co., WI (Jun); 98th St Parcel Randall, Kenosha Co., WI (Jun); Ryan Rd 80-Ac Site, Milwaukee Co., WI (Jul); Hickory Hill West Wetland-PEC Lisbon, Waukesha Co. WI (Jun); Cranberry Creek Landfill, Wood Co., WI (Jul); Christina Estates Outlot 1 Exemption, Racine Co., WI (Jul); LG House of Music Property, Walworth Co., WI (Jul); STH 158-I94 Property, Kenosha Co., WI (Aug); 3-Mile Rd Property, Racine Co., WI (Jul); Price Parcel Ottawa, Waukesha Co., WI (Jul); Lot 1 Lilac Rd Rubicon, Dodge Co., WI (Aug); 633 Progress Dr Determination, Ozaukee Co., WI (Jul); I41 & STH60 Property Slinger, Washington Co., WI (Aug); Summit Parcel 0708985 Determination, Waukesha Co., WI (Aug); Timberline Trail Landfill Wetlands and Exemption, Rusk Co., WI (Aug); Seasons at Mt Pleasant Sewer, Racine Co., WI (Aug); Kenny Dr Lots 1-2, Washington Co., WI (Aug); Bliffert Lumber Germantown, Washington Co., WI (Aug); Gibson Parcels Eagle Site, Waukesha Co., WI (Aug); Clover Run Stables, Racine Co., WI (Sep); Pink Property Salem Lakes GP, Kenosha Co., WI (Sep); Albano Property Carol Beach, Kenosha Co., WI (Sep); Mosconi Parcel Somers, Kenosha Co., WI (Sep); Petrie Rd Property Geneva, Walworth Co., WI (Sep); NML Property Oak Creek, Milwaukee Co., WI (Sep); Carol Beach Estates, Kenosha Co., WI (Sep); Mt. Pleasant Business Ctr Site, Racine Co., WI (Sep); Pleasant Prairie Power Plant, Kenosha Co., WI (Sep); STH 31 Property, Racine Co., WI (Sep); 112th St Expansion Parcel, Milwaukee Co., WI (Oct); Glacier Ridge Landfill EC Site, Dodge Co., WI (Sep); City-View Subdivision Horicon, Dodge Co., WI (Sep); Rock Rd Co Beloit, Rock Co., WI (Oct); Glass Parcels Richfield, Washington Co., WI (Oct); Alliant Clinton Substation, Rock Co., WI (Oct); Triggs Property Delafield, Waukesha Co., WI (Oct); Singh Parcel Franklin, Milwaukee Co., WI (Oct); Hilmer Property Muskego, Waukesha Co., WI (Oct); Baseler Property Muskego, Waukesha Co., WI (Oct); ALDI Property Oak Creek, Milwaukee Co., WI (Oct); Plank Rd Property Burlington, Racine Co., WI (Oct); Jackson Marsh Restoration Site, Washington Co., WI (Oct); Pilgrim Rd Parcel Brookfield, Waukesha Co., WI (Oct); Henneberry Parcel Muskego, Waukesha Co., WI (Oct); Ewig Parcel Franklin, Milwaukee Co., WI (Oct); STH 120 Site L Geneva, Walworth Co., WI (Oct); KMHS Wales, Waukesha Co., WI (Oct); 184th Ave Bristol Property, Kenosha Co., WI (Oct); 144th Ave Bristol Property, Kenosha Co., Pabst Rd Oconomowoc Site, Waukesha County, WI (Oct); N Lake Shore Dr Mequon, Ozaukee Co., WI (Nov); 28414 Wilmot Rd Salem Lakes, Kenosha Co., WI (Nov); 819 E Drexel Site, Milwaukee Co., WI (Nov).

## 2020 Wetland Delineations, Exemption Submittals, and Permitting (90 sites)

Courtney Street Storage Buildings, Racine Co., WI (Feb); 86th Ave & STH 165 Parcel, Kenosha Co., WI (Feb-Apr); Harris Gravel Pit, Dane Co., WI (Mar-Apr); Alliant Birnamwood Substation, Shawano Co., WI (Apr); Rolling Meadows Drive Parcel, Fond du Lac Co., WI (Apr); Lieds Nursery Site, Waukesha Co., WI (Apr); Plas-Tech Engineering Site, Walworth Co., WI (Apr); Fink Parcel, Racine Co., WI (Apr); Lot 1 Proposed CSM 3258, Racine Co., WI (Apr); Harris Gravel Pit, Dane Co., WI (May); Schumacher Rd Reconstruction, Dane Co., WI (Apr); Whitetail Ridge Ph2, Kenosha Co., WI (Apr), Kelly Pit Addition, Dane Co., WI (Apr); Myrtle Way Road Improvements, Rock Co., WI (Apr); Pewaukee Industrial Park South, Waukesha Co., WI (May); Mueller Property, Fond du Lac Co., WI (Apr); 3901 Kipp Street Site,

Dane Co., WI (Apr); Witte Parcels, Dane Co., WI (Apr); Sandalwood Lots 7-8, Oconto Co., WI (Apr); Yellowstone Outdoor Resort, Lafayette Co., WI (Apr); S&L Underground Expansion, Columbia Co., WI (May); 200 Baraboo Street, Sauk Co., WI (May); Jefferson Pit, Jefferson Co., WI (May); Rock Point Village, Waukesha Co., WI (May); Blanchardville Coop Oil & NGSD Parcels, Green Co., WI (May); Logtown Development, Sauk Co., WI (Jun); Maple Ave Property, Waukesha Co., WI (May); Wanasek Property, Racine Co., WI (May); Meier Farms, Dane Co., WI (Jun); 76th & Ryan Site, Sauk Co., WI (May); Milton Townline Road Site, Rock County, WI (May); Somers Multi-family Site, Kenosha Co., WI (May); Cazenovia WWTP Expansion, Waukesha Co., WI (Jun); Waukegan Property, Lake Co., IL (Jun); Ozaukee Christian School, Washington Co., WI (Jun); Kohler Distribution Center, Sheboygan Co., WI (Jun); Veterans Memorial Park West Site, Kenosha County, WI (Jun); Veterans Memorial Park East Site, Kenosha County, WI (Oct); Bristol Commons Site, Kenosha Co., WI (Jun); Barels Property, Racine Co., WI (Jun); Rogich Property, Milwaukee Co., WI (Jun); CTH MM Intersection Reconstruction, Dane Co., WI (Jul); Rose Property, Racine Co., WI (Jun); Baldev Court Property, Ozaukee Co., WI (Jul); Paul-Meghan Dominie Property, Dane Co., WI (Jul); Union Court Site, Kenosha Co., WI (Jul); Webcrafters Parcels, Dane Co., WI (Jul); Site Security Upgrades Site, Waukesha Co., WI (Jul); Scuppernong Creek Site, Waukesha Co., WI (Jul); W9030 Oak Ridge Road Property, Jackson Co., WI (Jul); Cherokee Golf Course, Dane Co., WI (Aug); W3948 South Shore Drive, Walworth Co., WI (Aug); Caledonia Multifamily Site, Racine Co., WI (Aug), Mittelstaedt Property, Sauk Co., WI (Aug); 1525 Bryce Drive Parcel, Winnebago Co., WI (Sep); Platten Property, Outagamie Co., WI (Sep); St. Mary's Springs Site, Fond du Lac Co., WI (Sep); Fairway Village Site, Ozaukee Co., WI (Sep); Quarry Park Site, Waukesha Co., WI (Sep); CTH F-Concord Site, Jefferson Co., WI (Sep); HJ Williams Farm, Adams Co., WI (Oct); STH 16-Lisbon Rd Parcel, Waukesha Co., WI (Sep); Golden Lake Road Property, Waukesha Co., WI (Sep); 4522 CTH P Parcel, Washington Co., WI (Sep); Darby Farms, Kenosha Co., WI (Sep); 227 Sussex Street, Waukesha Co., WI (Sep); Lexus of Brookfield Site, Milwaukee Co., WI (Sep); Wesner Greenfield Ave Parcels, Waukesha Co., WI (Sep); Oriole Lane Parcels, Ozaukee Co., WI (Oct); Wayside Parkview Estates, Brown Co., WI (Sep); Wind Point Parcel, Racine Co., WI (Oct); Geneva National Lot 18-23, Walworth Co., WI (Oct); Badger Farm, Racine Co., WI (Oct); Dorset Corners Substation, Monroe Co., WI (Sep); Covered Bridge Rd Site, Ozaukee Co., WI (Oct); Trek Distribution Center, Jefferson Co., WI (Oct); Craftsman Drive Parcel, Waukesha Co., WI (Oct); Village Green Subdivision, Ozaukee Co., WI (Oct); Ansay Farm, Ozaukee Co., WI (Oct); Zenner Farm Property, Racine Co., WI (Oct); West Snell Rd Site, Winnebago Co., WI (Oct); Kenosha County Bridges, Kenosha Co., WI (Oct); Confidential Site Janesville, Rock Co., WI (Oct); Janesville Airport Site, Rock Co., WI (Oct); 10920 West Liberty Drive, Milwaukee Co., WI (Oct); V of River Hills 53-Acre Site, Milwaukee Co., WI (Oct); Hwy 14 & Lacy Rd Site, Dane Co., WI (Oct); Wilderness Way Parcel, Waukesha County, WI (Oct); Hummingbird Lane Parcel, Sheboygan Co., WI (Oct); Plainview Rd Site, Waukesha Co., WI (Nov); Delimat Property, Kenosha Co., WI (Nov); 11900 N Port Washington Rd Parcel, Ozaukee Co., WI (Nov); Canopy Hills Artificial Wetland, Racine Co., WI (Dec); Strauss Brands Facility, Milwaukee County, WI (Dec).

## 2019 Wetland Delineations, Exemption Submittals, and Permitting (39 sites)

North Hills Subdivision, Waukesha Co., WI (Jan); Prairie Walk Subdivision, Waukesha Co., WI (Apr); Loomis Parcel Determination, WI (Mar-Apr); Lamminem Parcel, Kenosha Co., WI (Apr); Lot 103 Burlington, Racine Co., WI (Apr); 7220 Ryan Rd Parcel, Milwaukee Co., WI (Apr); 1-Acre Franklin Parcel, Milwaukee Co., WI (June); 256th Ave Site, Kenosha Co., WI (May); 915 Main St Mukwonago, Waukesha Co., WI (May); Muskego Lakes CC, Muskego, Waukesha Co., WI (June), Bonniwell Road Parcel, Ozaukee Co., WI (July); 333 Portland Rd Site, City of Waterloo, Jefferson Co., WI (May); Thompson Lane Parcel, Village of Chenequa, Waukesha Co., WI (May); Schmitz Redi-Mix Site, Village of Mt. Pleasant, Racine Co., WI (June); New Berlin Redi-Mix Site, City of New Berlin, Waukesha Co., WI (May); Elm Grove Road Basin, City of New Berlin, Waukesha Co., WI (May); Lathrop-Meacham Parcels Mitigation Site, Village of Mt. Pleasant, Racine Co., WI (May-July); Lot 18-31 Geneva National Site, Town of Geneva, Walworth Co., WI (July); Bohner's Lake Parcel, Town of Burlington, Racine Co., WI (Sept); 6970 South 6th St., City of Oak Creek, Milwaukee Co., WI (Aug); Weatherstone Meadows site, City of New Berlin, Waukesha Co., WI (Aug); Parkview Apartments site, Village of Somers, Kenosha Co., WI (Aug); Volkswagen Expansion site, Village of Pleasant Prairie, Kenosha Co., WI (Aug); Pewaukee-Brookfield Trail, Waukesha Co., WI (Aug-Sept); Parcel 1268-993, City of New Berlin, Waukesha Co., WI (Aug); Germantown Industrial Business Park, Washington Co., WI (Oct); Haasch- Finger site, City of Brookfield, Waukesha Co., WI (Oct); Kennedy Property, Village of Waunakee, Dane Co., WI (Oct); Jefferson County Interurban Trail, Towns of Watertown and Ixonia, Jefferson Co., WI (Oct); Mukwonago Residential Parcel, Village of Mukwonago, Waukesha Co., WI (Oct); Pine Ridge Estates, City of Oconomowoc, Waukesha Co., WI (Oct); Silver Lake Parcels, Village of Salem Lakes, Kenosha Co., WI (Oct); New Berlin Trail Phase II, City of Waukesha, Waukesha Co., WI (Oct); 1910 W Puetz Road site, City of Oak Creek, Milwaukee County, WI (Oct); Project Redline, Village of Menomonee Falls,

WI (Oct); CSM 3232 Outlot 1, Village of Mt. Pleasant, Racine Co., WI (Oct); Plant Community Mapping and Assessment, City of Oak Creek, Milwaukee Co., WI (Nov); Faber Property, Village of Williams Bay, Walworth Co., WI (Nov); Campus Drive Property, Village of Hartland, Waukesha Co., WI (Dec).

## Example 2018 Wetland Delineations in WI and IL (50 sites)

Homestead Acres, Racine Co., WI (Apr); Greenmeadows, Racine Co., WI (Apr), Wind Point School, Racine Co., WI (Apr); Vintage Parc East, Kenosha Co., WI (Apr); Nelson-Heckel, Kenosha Co., WI (Apr); Caledonia Storage, Racine Co., WI (Apr); New Berlin Storage, Waukesha Co., WI (Mar); Manke Gravel Pit, Columbia Co., WI (May); Drissel-Wallace, Kenosha Co., WI (May); LaBelle Golf Course, Waukesha Co., WI (May); Waterloo Aluminum, Jefferson Co., WI (May); Salem Business Park, Kenosha Co., WI (May); Audubon Arboretum, Racine Co., WI (May); Briarwood, Racine Co., WI (May); Basting-Brown Parcels, Waukesha Co., WI (May); 84-Acre Site, Racine Co., WI (May); Jolenta Lane, Waukesha Co., WI (Apr); Rock Road Storage, Walworth Co., WI (May); Wildwood Creek, Winnebago Co., WI (Jun); Green Bay Site, Brown Co., WI (Jun); Main Street Market, Kenosha Co., WI (Jul), Armstrong Eddy Park, Rock Co., WI (May), Hickory St Site, Ozaukee Co., WI (Jun), Parcel DW 800004, Walworth Co. (Jun); Lot 8 Parcel WCA-0003, Walworth Co., WI (Jun); RRR Grundy, Kane Co., IL (Jul); Coleman Norris Parcel, Waukesha Co., WI (Jul); Deaton Parcel, Kenosha Co., WI (Aug); Hintz Parcel, Washington Co., WI (Aug); Loomis-Ryan Rds Site, Milwaukee Co., WI (Aug); Grass Parcels, Waukesha Co., WI (Sep); Mallard Ridge Landfill Pipeline, Walworth Co., WI (Sep); Glacier Ridge Landfill Pipeline, Dodge Co., WI (Sep); Ravenwoods, Waukesha Co., WI (Aug); Canopy Hills, Racine Co., WI (Sep); Duck Pond, Kenosha Co., WI (Sep); Splinter Parcels, Racine Co., WI (Oct); Berget Parcel, Walworth Co., WI (Sep); Saylesville Rd Parcel, Waukesha Co., WI (Oct); Racine Ave-Lawnsdale Rd Parcel, Waukesha Co., WI (Oct); Braun Rd-90th St Parcel, Racine Co., WI (Oct); Grafton Parcels, Ozaukee Co., WI (Dec); Crawford Parcel, Racine Co., WI (Nov); Kotas Parcels, Racine Co., WI (Nov); Altamount Acres South, Racine Co., WI (Dec); Christina Estates, Racine Co., WI (Dec); Christina Estates NE, Racine Co., WI (Dec); Lathrop Parcel, Racine Co., WI (Dec); Hillside Ridge, Waukesha Co., WI (Dec); Stolz Property, Waukesha Co., WI (Dec).

## Example 2017 Wetland Delineations in WI, MI, IN, and IL (31 Sites)

Back 40 Mine, Menominee Co., MI (Jan); Oakdale Rd Site, Waukesha Co., WI (Sep), Birds Eye Foods, Walworth Co., WI (Sep); Boss Property, Leelanau Co., MI (Jul); Brighton Estates, Waukesha Co., WI (Sep); Saltzman North, Waukesha Co., WI (Sep); Susnar Parcel, Waukesha Co., WI (Sep); Wrenwood Site, Washington Co., WI; Chorneyko Site, Walworth Co., WI (Apr); CN Railroad Bridges-6 Sites, Fond du Lac & Winnebago Co's, WI; CN Railroad Freeport Culvert, Kane Co., IL (May); Herrling Site, Dane Co., WI (Sep); MMSD Sewerage Project, Milwaukee Co., WI (May); Spring St Site, Racine Co., WI (Oct); Goshen Midway Cell Tower, Elkhart Co., IN (Apr); Two Creeks Utility Site, Manitowoc Co., WI (Nov); Suncast Site, Kane Co., IL (Dec); Lot 51 Lakeview Corp Park, Kenosha Co., WI (Oct); Lakefront Gun Range, Racine Co., WI (Oct); WI Club Golf Course, Milwaukee Co., WI (Apr); WisDOT Improvements, STH 32 Racine Co (Aug), STH 67 Walworth Co. (Sep), STH 20, Racine Co. (Oct), 27th St, Milwaukee Co. (Sep); Conference Point Boat Launch, Walworth Co., WI (Oct); Lake View RR Corridor, Portage Co., WI (Sep).

## Example 2016 Wetland Delineations in WI, OH, MI and IL (Mostly Large Projects)

AEP Wavery-Adams-Seaman 138 kV Trans. Line Rebuild, Adams & Pike Co's, OH (Dec); Kansas West- Faraday Trans. Line Rebuild-Macon, Moultrie, & Coles Co's, IL (Jan), Riveredge Nature Center Preliminary, Ozaukee Co., WI (Feb); Lost Creek Mitigation Site, Portage Co., WI (Jun); I-41 Burleigh to Good Hope Corridor WisDOT, Milwaukee Co., WI (Jul); STH 60 Corridor, Ozaukee & Washington Co's, WI (Aug-Oct); Erin Hills Golf Course, Washington Co., WI (Sep); Back 40 Mine, Menominee Co., MI; Lake Zurich SW Cell Tower, Lake Co., IL (Oct); Acme Steel Coke Site, Cook Co., IL (Dec).

## Example 2015 Wetland Delineations in WI, IL, and MO (Mostly Large Projects)

Bolser Street MO33211-M Cell Tower Site, Grundy Co., MO (Sep); Section 9 Site, Dane Co., WI (Apr); Franzel Rd Site, Bayfield Co., WI (Apr); Big Eau Pleine Mitigation Site, Marathon Co., WI (Aug); Taylor Road Siding Track, Jackson Co., WI (Nov); UPS-CACH Site, Cook Co., IL (Jun); Eggers Woods Forest Preserve, Cook Co., IL (Mar).

## Example 2014 Wetland Delineations in WI, IL, and MI (Mostly Large Projects)

Emerald Park Western Expansion, Waukesha Co., WI (Oct); Arcadia Mining Site-Trempealeau Co., WI (Apr);



Kalamazoo River Parcel, Kalamazoo and Calhoun Co's, MI (Jul); G2 Mitigation Site - Winnebago Co., WI (May); Line 6A MP 378.94, McHenry Co., IL (Sep); Geneva National Site, Walworth Co., WI (Nov); Nortrax Site -Lincoln Co., WI (Oct); Toberman Parcel- Crawford Co., WI (Oct).

### Example 2013 Wetland Delineations in WI, IL, OH, and MI (Mostly Large Projects)

West Central Lateral - Eau Claire, Clark, Jackson & Monroe Co's, WI (Apr-May); Walker Cranberry 80- acre Parcel – Jackson Co., WI (Sept - Oct); Berne to Natrium Pipeline, Monroe Co., OH (Oct); CNX Noble Pipeline – Noble Co., OH (Oct); Deer Grove Forest Preserve, Cook Co., IL (Nov).

### Example 2012 Wetland Delineations in WI, IL, IN, and TX (Mostly Large Projects)

West Central Lateral (190 miles), Eau Claire, Clark, Jackson & Monroe Co's, WI (Sep-Nov); Morrison Creek Cranberry Parcel, Jackson Co., WI (Aug); London Mitigation Site, Jefferson Co., WI (July); Southern Access Pipeline, Sawyer & Washburn Co's, WI (Jun); I-80 Interchange, LaPorte Co., IN (Mar); Eagle-Ford Shale Plays, LaSalle & McMullen Co's, TX (Jan-Feb).

### **Previous Example Projects**

I-94 Corridor Wetland and Primary Environmental Corridor Mapping and Endangered Species Study, Milwaukee, Racine, and Kenosha Counties, WI (Project Manager and Lead Scientist)

Primary Environmental Corridor Delineation Parkview Site, Village of Somers, WI (Lead Scientist)

Elm Road Generating Station, Oak Creek & Caledonia, WI (Project Manager & Lead Scientist)

Tri-State Tollway, Deerfield Plaza Wetland and Endangered Species Investigation, Lake and Cook Counties, IL (Lead Scientist)

Guardian II Laterals, Fox Valley, Hartford and West Bend, WI (Project Manager and Lead Scientist)

ATC Paris to St. Martins (KK3025) 138KV Line Rebuild, Kenosha, Racine and Milwaukee Counties, WI (Project Manager and Lead Scientist)



Bear Development, LLC Ryan Meadows CSM Parcels Project #:20251512 April 23, 2025

Attachment 7 | RAS 2014 Assured Wetland Delineation Report

# **Wetland Delineation Report**



# **Approximately 112-Acre Loomis Rd. Parcels**

# City of Franklin, Milwaukee County, Wisconsin

RASN Project No. 1140273

March 19th, 2015

## Wetland Delineation Report

# Approximately 112-Acre Loomis Rd. Parcels City of Franklin, Milwaukee County, Wisconsin

Prepared by:

Heather D. Patti, PWS Senior Wetland Ecologist/ Project Manager

Reviewed by:

Tina M. Myers, PWS Senior Wetland Ecologist

R.A. Smith National, Inc. 16745 W. Bluemound Road, Suite 200 Brookfield, WI 53005-5938 (262) 781-1000

Prepared for:

Bear Development, LLC 4011 80<sup>th</sup> Street Kenosha, WI 53142

March 19<sup>th</sup>, 2015

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March 19<sup>th</sup>, 2015



## **INTRODUCTION**

R.A. Smith National, Inc. (RASN) is pleased to provide this Wetland Delineation Report for a an approximately 112-acre Study Area split into 4 sections located north and south of West Loomis Road, south of West Ryan Road, and west of South 112<sup>th</sup> Street in the City of Franklin, Milwaukee County, Wisconsin (Appendix 1, Figure 1). The Study Area is more specifically located in the Northwest and Northeast <sup>1</sup>/<sub>4</sub>'s of Section 30, Township 5 North, Range 21 East. The delineation was completed at the request of Bear Development, LLC.

The purpose of the wetland delineation was to identify the proximity and extent of wetlands within the Project Area in association with a proposed development project. Eleven (11) wetlands totaling 13.17 acres (573,871 square feet), hereby referred to as "W-1 through W-11", were identified within the Study Area (Figure 2, Appendix 1). Only one of these wetlands, W-7, appears to have an obvious connection to a navigable waterway, while the other wetlands may be considered isolated. The final jurisdictional determination of the wetlands, however, lies with the US Army Corps of Engineers (USACE). The delineation is presented here in terms of qualifications, methodology, results, and conclusions.

## STATEMENT OF QUALIFICATIONS

RASN provides wetland and ecological services including wetland delineation, assessment, permitting, and restoration. RASN ecologists offer a wide variety of technical experience in the natural resource field, and have successfully completed projects throughout the Midwestern and Northeastern United States.

Ms. Heather Patti, PWS and Ecologist with RASN, was the technical lead on this delineation project. Heather earned a Masters Degree in Botany and a minor in Ecology from North Carolina State University. Ms. Patti is experienced with a variety of aspects of ecological restoration, including wetland, mixed hardwood, and prairie restoration. She provides over 15 years of experience in wetland delineation, assessment, and mitigation. Ms. Patti attended the Basic & Advanced Wetland Delineation course offered by UW-LaCrosse in 2005 & 2013, became a WDNR Assured Wetland Delineator in 2009, and recently attended the Hydric Soil Identification Course offered by UW-LaCrosse in 2011.

Ms. Tina Myers has over 15 years of multidisciplinary ecological experience and has been recognized as a Professional Wetland Scientist (PWS) by the Society of Wetland Scientists (SWS) since 2004. She is also recognized as a Certified Wetland Specialist (CWS) in Illinois. Tina earned a Bachelor's degree in Conservation Biology from the University of Milwaukee in 1998 and has taken a multitude of ongoing educational courses including the Corps Wetland Delineation Training which she took in 2006, Regional Supplement and Field Practicum which she took in 2012, Advanced Wetland Delineation Training which she took in 2013, and Critical Methods in Wetland Delineation which she takes annually. She has performed hundreds of wetlands delineations throughout Wisconsin and Illinois and is also experienced in wetland restoration, wetland and waterway permitting, wetland assessment, vegetation surveys including rare species surveys, wildlife surveys, and environmental monitoring.

Ms. Nancy Wilson, Staff Ecologist and Landscape Architect with RASN, earned a Bachelor of Science Degree in Agronomy with an emphasis in Soil Science from Oklahoma State University. She also earned an Associate of Science Degree in Conservation Technology from Fox Valley Technical College in Appleton, Wisconsin, and an additional Associate of Science Degree in Landscape Horticulture from Milwaukee Area Technical College. Ms.

Deliver excellence, vision, and responsive service to our clients.

112-Acre Loomis Road Parcels Wetland Delineation Bear Development, LLC Page 2 / March 19<sup>th</sup>, 2015

Wilson attended the Basic Plant Identification, Hydric Soils and Wetland Delineation courses offered by UW-LaCrosse in 2009, and Wetland Delineation Critical Methods Workshops in 2010, 2011, 2013 and 2014. Ms. Wilson began assisting with wetland delineation projects in 2011.

Mr. Mike Al-wathiqui, wetland ecologist co-op with RASN, earned his Bachelor's of Science degree from the University of Wisconsin-Milwaukee in Biology and Conservation and Environmental Science. He is currently pursuing his Master's degree in Freshwater Sciences and Technology at the University of Wisconsin-Milwaukee's School of Freshwater Science. Mike has over four years of multidisciplinary, ecological experience including working as a natural areas technician with the WDNR and as a forestry intern with the City of Milwaukee.

### METHODOLOGY

The wetland delineation consisted of a map review followed by fieldwork to delineate the on-site wetlands. The fieldwork documented the presence and absence of hydrophytic vegetation, wetland hydrology, and hydric soil indicators outlined in the *U.S. Army Corps of Engineers (USACE) 1987 Wetland Delineation Manual*, Technical Report Y-87-1 (1987) and subsequent guidance documents (USACE 1991, 1992), Guidelines for Submitting Wetland Delineations in Wisconsin to the St. Paul District Corps of Engineers (USACE 1996), the *Basic Guide to Wisconsin's Wetlands and Their Boundaries* (Wisconsin Department of Administration Coastal Management Program, 2005), and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region, Version 2.0*, the guide for the USDA Natural Resources Conservation Services (NRCS) Field Indicators of Hydric Soils (version 7.0) in the United States, and in general accordance with Wisconsin Department of Natural Resources (WDNR) guidelines. The Midwest Regional USACE supplement was drafted in August 2010 for the purpose of bringing the existing 1987 Manual up to date for wetland delineations. This supplement is intended to be used as an additional guidance to the 1987 Manual and is not its replacement.

Prior to conducting fieldwork, RASN reviewed several maps for the property, including the United States Geological Survey (USGS) 7.5-minute quadrangle topographic map (Appendix 1, Figure 1), the NRCS Soil Survey Report for Milwaukee County (Appendix 1, Figure 3), the United States Geological Service (USGS) historical aerial photographs dated 2000, 2005, 2010, and 2013 (Appendix 1, Figures 4A-D), the Wisconsin Wetland Inventory Map (Appendix 1, Figure 5), and NOAA's Advanced Hydrologic Prediction Service Map (Appendix 1, Figure 6). Farm Service Agency (FSA) crop slides were also reviewed to determine the potential presence of farmed wetlands. The results of the FSA review are presented in Appendix 2 along with the FSA slides on CD.

Areas having wetland field indicators were evaluated in the field by RASN wetland scientists Ms. Heather D. Patti and Ms. Tina Myers with assistants Nancy Wilson and Mike Al-wathiqui during site visits on October 29<sup>th</sup> and 30<sup>th</sup>, 2014 and photo documented (Appendix 3). According to guidance described in the 1987 Manual and Midwest Regional Supplement, areas that under normal circumstances reflect a predominance of hydrophytic vegetation, hydric soils, and wetland hydrology are considered wetlands. RASN collected field data at thirty-two (32) sample points, using a transect and data point approach following the USACE Midwest Supplement wetland determination forms (Appendix 4). A sharpshooter shovel was used to dig the soil pits and to refine the wetland boundary. Cursory soil samples were also taken in areas that contained transitional hydric vegetation. The delineated wetland areas were flagged and then surveyed by RASN. Pink wire flags with the words "Wetland Delineation" were used to stake the wetland boundaries and orange flags were used to stake the data point locations. The wetland boundaries and data point locations are depicted on Appendix 1, Figure 2. Observations were made at representative sample points along transects extending through upland and wetland areas and photo documented (Appendix 3).

## RESULTS

The USGS topographic map (Appendix 1, Figure 1) shows the location of the property and the Wetland Boundary Map (Appendix 1, Figure 2) depicts the wetland boundaries overlaid onto a recent aerial photograph. Additionally, a one-foot contour map was overlain onto the most recent 2013 aerial map (Appendix 1, Figure 4D) to help determine where depressional areas area located within the landscape and thus where wetlands were most likely to be found. The topography throughout much of the Study Area is gently rolling, with elevations ranging from approximately 779-810 feet above mean sea level (msl). In general, the landscape positions of the wetlands vary and their elevations range from approximately 784 feet to 810 feet above msl.

According to the NRCS Soil Survey Report of Milwaukee County, Wisconsin (Appendix 1, Figure 3), mapped soils within the parcel consist of Ashkum silty clay loam with 0-2% slopes (AsA), Blount silt loam with 1-3% slopes (BlA), Elliott silt loam with 1-3% slopes (EsA), Markham silt loam with 2-6% slopes (MeB), Morley silt loam with 2-6% slopes (MzdB), Morley silt loam with 2-6% eroded slopes (MzdB2), and Morley silt loam with 6-12% eroded slopes (MzdC2). Of these soil types, the NRCS hydric soil list classifies the Ashkum silty clay loam as a poorly drained hydric soil, while the Blount and Elliott silt loams are classified as somewhat poorly drained soils with hydric inclusions. The vast majority of the Study Area contains either mapped hydric soil or soils with hydric inclusions as shown on both the NRCS Soil Survey map (Appendix 1, Figure 3) and the Wisconsin Wetland Inventory map (Appendix 1, Figure 5). The Wetland Summary Table (after this report) lists the mapped soils associated with each wetland. Most of the wetlands were delineated within mapped hydric or partially hydric soils with the exception of W-4 and W-10, which were delineated within non-hydric mapped soils. The fact that the vast majority of the site supports a healthy agricultural crop indicates that hydric and partially hydric soils within this site were likely historically drained via tiling.

A review of aerial photographs from the years 2000, 2005, 2010, and 2013 (Appendix 1, Figures 4-D) was completed by RASN prior to the site visit. During this timeframe, the majority of the land with the Study Area has been used as agricultural cropland with the exception of the upland wooded areas, wetlands, and the existing residential parcel. Wetlands W-1, W-2, W-6 and W-7 are all visible as non-farmed, mottled tones with black tones indicting open water. Wetland W-6 contains a more intermittent fresh (wet) meadow perimeter which is sometimes farmed. This perimeter is not highly visible on the 2000 through 2010 aerials, but is evident on the 2013 aerials perhaps due to a wet year. Farmed wetlands W-4, W-8, and W-9 are visible on most aerials as dark tones, indicating saturation. The remaining wetlandsW-3, W-5, W-10, and W-11 are generally indiscernible on the aerials due to their small sizes, locations within wooded areas, or their narrow width as is the case with W-11.

The Wisconsin Wetland Inventory (WWI) Map depicts seven (7) mapped wetland cover types within the Project Area which are classified as follows:

- E1K = Emergent/ Wet Meadow (E), Persistent (1), Wet Soil, Palustrine (K)
- E2K = Emergent/ Wet Meadow (E), Narrow-leaved Persistent (2), Wet Soil, Palustrine (K)
- E2H = Emergent/ Wet Meadow (E), Narrow-leaved Persistent (1), Standing Water, Palustrine (H)
- S3K = Scrub/shrub (S), Broad-leaved Deciduous (3), Wet Soil, Palustrine (K)
- T3K = Forested (T), Broad-leaved Deciduous (3), Wet Soil, Palustrine (K)
- W0Hx = Open Water (W), Subclass Unknown (0), Standing Water, Palustrine (H), Excavated (x)
- T3/W0Hx = Forested (T), Broad-leaved Deciduous (3) / Open Water (W), Subclass Unknown (0), Standing Water, Palustrine (H), Excavated (x)

Of the eleven wetlands delineated, only five are mapped on the WWI map including W-1, W-2, W-6, W-7, and W-8. Please also refer to the Wetland Summary Table (follows this report) which lists each wetland and its associated

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WWI-mapped wetland cover types. The remaining wetlands are not mapped probably due to their small sizes.

Recent precipitation data are used to assess the current season's hydrology. Precipitation data can help make determinations as to whether or not the wetland hydrology criterion has been met at recorded data points. Rainfall data recorded by the local WETS table and the National Weather Service's Advanced Hydrologic Prediction Service (AHPS) were used to evaluate the hydrology of the site prior to the October 29<sup>th</sup> and 30<sup>th</sup> site visits (Appendix 1, Figure 6). According to the local WETS table (MILWAUKEE MITCHELL AP, WI839), average precipitation in the Milwaukee County area for the three months prior to the fieldwork is 9.82 inches. Average rainfall for the month of October is typically 2.49 inches. According to the AHPS map (Appendix 1, Figure 7), the late summer/autumn precipitation in the City of Franklin for the end of October fieldwork was within the normal range. This suggests that the surface or near-surface hydrology at the time of the site visits was probably in the normal range for this time of year.

### FSA Crop Slide Review

Due to the presence of mapped hydric/partially hydric soil within a major portion of the Project Area, RASN conducted a review of Farm Service Agency (FSA) crop slides to evaluate the potential presence of farmed wetlands in areas that were particularly difficult to interpret due to the presence of a healthy corn crop. Crop slides for the years of 1980 through 2013 (except 2007, 2009, 2011, and 2012) were obtained from the Milwaukee County NRCS/FSA office. Four spreadsheets referred to as "FSA Crop Slide Review Data Sheets" can be found in Appendix 2 which analyze four potential farmed wetland areas that were located within mapped Ashkum hydric soil units that were normally cropped. These spreadsheets summarize interpretations made from viewing the crop slides as well as a climate summary based on a WETS Analysis. The WETS Analysis was used to determine normality of precipitation for the three months prior to the photograph date and conclude whether conditions were considered "dry", "normal", or "wet" during that period of time. If the date of the photograph was not provided, then it was presumed that the photograph was taken during the month of July, which is the most common month for these slides to be taken.

Of the thirty years analyzed, nineteen (19) were considered "normal", five (5) were "dry", and six (6) were "wet". The analysis of the FSA slides during the thirty year period lead indicated that none of the four areas evaluated contained wetland signatures in 50% or greater of the total years evaluated. In general, most of the signatures identified were present during wet years or during a month when a significant amount of rainfall had been recorded. All other farmed wetland areas visible on aerial photography and FSA slides were evaluated in the field and data points taken to confirm that wetland criteria were met.

### **Field Investigation**

All areas on the above-mentioned maps as being wetland or having wetland characteristics were evaluated in the field. A total of thirty-five (35) data points were examined and eleven (11) wetlands totaling 13.17 acres (573,871 square feet), were delineated and surveyed by RASN (Appendix 1, Figure 2). Site photographs were taken of each wetland and are included in Appendix 3. Cursory soil samples and data points in both upland and wetland areas were sampled in the field to determine the wetland boundaries. The data sheets were compiled and are included in Appendix 4. Please refer to the Wetland Summary Table following this report for information about each wetland.

### CONCLUSION

Based on the wetland assessment completed by RASN, eleven (11) wetlands totaling 13.17 acres (573,871 square feet), were identified within the Study Area (Figure 2, Appendix 1). Only one of these wetlands, W-7, appears to have an obvious connection to a navigable waterway, while the other wetlands may be considered isolated. The final jurisdictional determination of the wetlands lies with the US Army Corps of Engineers (USACE).

This report is limited to the delineation of state and/or federally regulated wetlands on the property. However, there may be other regulated environmental features within the property (e.g., historical, archaeological, threatened or endangered species). Federal, state and/or local units of government may have regulatory authority to restrict land use within or close in proximity to other environmental features. For example, Wisconsin Adm. Code NR 151.12 requires buffers or a "protective area" from the top of the channel of streams, rivers and lakes, or at the delineated boundary of wetlands. The jurisdictional decision on the width of wetland buffers rests with the WDNR. The local unit(s) of government may also have protective area buffers from wetlands than that imposed under NR 151.

The U.S. Army Corps of Engineers has regulatory authority over waters of the U.S. including adjacent wetlands, and the WDNR has regulatory authority over wetlands, navigable waters, and adjacent lands under Ch. 30 Wisconsin State Statues, Act 6, and NR 103 Wisconsin Administrative Code. Local jurisdictions may also have regulations through zoning ordinances. Our client, Bear Development, LLC., respectfully requests verification of the delineated wetlands by the USACE.

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Appendix 3: Site Photos

 Appendix 4:
 Wetland Delineation Data Forms – Midwest Region

### LOOMIS ROAD PARCELS WETLAND SUMMARY TABLE

Wetland ID	Dominant Community Type*	Size (SF)	Dominant Plant Species	Mapped Waterway	WWI Classification	Mapped Soil Types**	
W-1	SM / ShM / FW	109,069	Phalaris arundinacea, Calamogrostis canadensis, Typha latifolia, Carex stricta, Spartina pectinata	none	E2K	Ashkum silty clay loam, 0-2% slopes (C) & Blount silt loam 1- 3 % slopes (I)	W-1 is contains predominantly native sedge meador 1 are degraded due to farming activities and prior m hydrology included a high water table, saturation at FAC-Neutral Test in Transect T-1 and T-3. In Transec hydrology included a sparsely vegetated concave su and geomorphic position; however, hydrology is sea time of the site visit. Soils were observed as hydric Indicators.
W-2	FWM / OW / FW	155,164	Phalaris arundinacea, Salix alba, Salix interior	none	E1K, WOHx, S3K	Morley silt loam 2-6% slopes & Blount silt loam 1-3 % slopes (I)	W-2 is located north of Loomis Road and is surround spruces and pines to the east and south, and an acti all aerials as a black tone and covers the major porti excavated many years ago (prior to 1951 per Milwa includes fresh (wet) meadow and farmed wetland a included a sparsely vegetated concave surface, surfa stressed plants, geomorphic position, and a positive Soil Indicators.
W-3	SC	1,413	Fraxinus pennsylvanica, Rhamnus cathartica	none	none	Elliott silt loam, 1-3% slopes (I)	W-3 is a small concave depression with seasonal hydromis Rd and Loomis Ct. Evidence of wetland hydromorphic position, and a positive FAC-Neutral Texa Indicators. Due to its small size, W-3 was not evident
W-4	FW	3,137	n/a – mostly bare ground	none	none	Markham silt loam, 2-6% slopes	W-4 is a small farmed wetland with seasonal hydrol was mostly void of vegetation, with <i>Echinochloa cru</i> Evidence of wetland hydrology included a sparsely w visible on aerial imagery, stunted or stressed plants, Shovel refusal occurred within 15" of the surface du perched in this area early in the spring due to the pu A11 and F6 Hydric Soil Indicators.
W-5	ow	860	Typha latifolia, Bidens frondosa	none	none	Blount silt loam 1-3 % slopes (I)	W-5 is a man-made pond with a tile outlet on its no of a small wooded area just west of 112 <sup>th</sup> St. There boundary and the hydroperiod is long with a surface included water-stained leaves, geomorphic position Indicator.
W-6	OW / FWM	85,253	Phalaris arundinacea, Echinochloa crus galli	none	T3/W0Hx	Ashkum silty clay loam, 0-2% slopes (C), Elliott silt loam, 1- 3% slopes (I), & Morley silt loam with 2-6% eroded slopes	W-6 contains an open water pond with permanent is seasonal hydrology. The uplands are actively farme farmed as observable on historical aerials and FSA comeadow was fairly densely vegetated with reed can within the two wetland data points (DP-18 & DP-20) imagery, surface soil cracks, saturation visible on ae Test. The soils observed met the A11, A12 and F6 H

\*Community Types: FW = Farmed Wetland, FWM = Fresh (wet) Meadow, SM= Sedge Meadow, HS = Hardwood Swamp, SC=Shrub Carr, OW=Open Water Pond \*\* Soil Types: (C) = hydric, (I) = hydric via inclusions ShM = Shallow Marsh. Note: Refer to Site Photographs of each wetland.

## Comments

w and shallow marsh communities. However, portions of Wnanipulations to wetland hydrology. Evidence of wetland t or near the surface, geomorphic position, and a positive ct T-2 where farming occurs regularly, evidence of wetland irface, saturation visible on aerials, stunted or stressed plants, asonal as a water table and saturation were absent at the in all three data points meeting the A2 and F6 Hydric Soil

ded by mesic forest to the north, mowed lawn with planted ive farm field to the west. The open water pond is evident on ion of this wetland. The pond appears to have been ukee County GIS aerials). The remainder of the wetland reas with seasonal hydrology. Evidence of wetland hydrology ace soil cracks, saturation visible on aerial imagery, stunted or FAC-Neutral Test. The soil profiles met the F3 and F6 Hydric

drology. It is located in the small triangular area between ology included surface soil cracks, crayfish burrows, st. The observed soil profile met the A11 and F6 Hydric Soil nt on aerial photography.

ogy and is located just south of Loomis Road. The wetland is galli (FACW) as the most common plant observed. vegetated concave surface, surface soil cracks, saturation geomorphic position, and a positive FAC-Neutral Test. le to a hard clay layer. It is possible that water becomes resence of the hard clay. The soil profile observed met the

rth end. The wetland was excavated along the southern edge is a strong topographic break along the entire wetland e water depth of 6 inches. Other evidence of hydrology , and a positive FAC-Neutral Test. Soils met the F3 Hydric Soil

inundation surrounded by a fresh (wet) meadow with d. During dry years, the fresh (wet) meadow of W-6 may be rop slides. At the time of RASN's site visit, the fresh (wet) nary and barnyard grasses. Evidence of wetland hydrology ) included saturation at 12 inches, inundation visible on aerial rial imagery, geomorphic position, and a positive FAC-Neutral lydric Soil Indicators.

#### LOOMIS ROAD PARCELS WETLAND SUMMARY TABLE

W-7	ShM	185,571	Typha spp., Phalaris arundinacea	Yes	E2H	Ashkum silty clay loam, 0-2% slopes (C)	W-7 is located at the southernmost extent of the Prooff-site providing baseflow to a tributary to Ryan Crewetland boundary where healthy corn gave way to provide soils. Evidence of wetland hydrology included saturation positive FAC-Neutral Test. The soils contained a thic (Histosol) Hydric Soil Indicator.
W-8	FW	17,995	n/a – mostly bare ground	none	ТЗК	Ashkum silty clay loam, 0-2% slopes (C)	W-8 is a small farmed wetland with seasonal hydrol contained predominantly bare soil due to seasonal s included a sparsely vegetated concave surface, wate aerial imagery, stunted or stressed plants, and geom due to the presence of some widely scattered, oppo the season as the water receded. The soil profile ob
W-9	FW	5,084	n/a – mostly bare ground	none	none	Blount silt loam 1-3 % slopes (I)	W-9 is a small farmed wetland with seasonal hydrole is located just north of Loomis Road. The wetland co water or saturation. Evidence of wetland hydrology cracks, saturation visible on aerial imagery, stunted Neutral Test. The soil profile observed met the F6 Hy
W-10	SM / FWM	2,108	Carex stricta, Phalaris arundinacea	none	none	Morley silt loam 2-6% slopes	W-10 is a small, concave depression located in the s field and a treeline. A topographic and vegetative b boundary. The wetland appears to extend slightly o way. Although soils are mapped as non-hydric, a de depletions and concentrations starting within 8 inch Evidence of wetland hydrology included a high wate leaves, geomorphic position, and a positive FAC-Neu
W-11	ShM	8,217	Typha x glauca, Phalaris arundinacea	none	none	Ashkum silty clay loam, 0-2% slopes (C) & Blount silt loam 1- 3 % slopes (I,) Elliott silt loam, 1-3% slopes (I), & Markham silt loam, 2-6% slopes	W-11 is a cattail-dominated drainage ditch that lies water from the road embankment and also via a cul and compacted clay and there was shovel refusal at Evidence of wetland hydrology included saturation v surface, drift deposits, water-stained leaves, a drain position, and a positive FAC-Neutral Test.

oject Area. It is part of a larger wetland complex that extends eek. A distinct vegetative break was observed along this primarily FACW and OBL vegetation with saturated hydric ration, a drainage pattern, geomorphic position, and a ck dark muck (with some clay content) which met the A1

ogy and is located just south of Ryan Road. The wetland standing water or saturation. Evidence of wetland hydrology er-stained leaves, surface soil cracks, saturation visible on norphic position. It did not meet a positive FAC-Neutral Test ortunistic upland weed species that may have grown late in oserved met the F6 Hydric Soil Indicator.

ogy and is located within the portion of the Project Area that contained predominantly bare soil due to seasonal standing / included a sparsely vegetated concave surface, surface soil or stressed plants, geomorphic position, and a positive FACydric Soil Indicator.

southwest portion of the Project Area between an active farm break were the determining factors for the delineated off-site towards the west into the transmission line right-ofeep dark soil (10YR 2/1) was observed which contained redox hes of the surface, meeting the F6 Hydric Soil Indicator. Fr table at 12 inches, saturation to the surface, water-stained utral Test.

directly along the south side of Loomis Road. It receives lvert along Loomis Road. The soils contained extensive gravel : 10 inches; however the soils met the F6 Hydric Soil Indicator. within W-11 included saturation within 6 inches of the hage pattern, saturation visible on aerial imagery, geomorphic

# **Appendices**

**Appendix 1: Figures** 

**Appendix 2: FSA Slide Review** 

**Appendix 3: Site Photographs** 

Appendix 4: Wetland Determination Data Forms – Midwest Region

# **Appendix 1: Figures**

Figure 1: USGS Map/Site Location Map

**Figure 2: Wetland Boundary Map** 

Figure 3: NRCS Soil Survey of Milwaukee County

Figures 4A-D: Aerial Photographs (2000, 2005, 2010, & 2013)

**Figure 5: Wisconsin Wetland Inventory Map** 

**Figure 6: 90-day Departure from Normal Precipitation Map** 





Wisconsin.

Part of the Northwest 1/4 and Northeast 1/4 of Section 30, Township 5 North, Range 21 East, in the City of Franklin, Milwaukee County, Wisconsin.

December 1, 201

# WETLAND BOUNDARY MAP

Situated on West Loomis Road, in the City of Franklin, Milwaukee County,

|--|

Survey No.166226-BMJ

R.A. Smith National, Inc

## LEGEND

DP-1 😽	DATA POI	NT	
	WETLAND	AREA	
<b>←</b>	WETLAND	BOUN	DARY
	PROJECT	AREA	BOUNDARY



## FIGURE 2. WETLAND BOUNDARY MAP

## R.A. Smith National, Inc.

Beyond Surveying and Engineering

16745 W. Bluemound Road, Brookfield WI 53005 262-781-1000 Fax 262-797-7373 www.rasmithnational.com Appleton, WI Orange County, CA Pittsburgh, PA

> S:\5166226\dwg\ WX101B.dwg\W LOOMIS RD

> > SHEET 1 OF 1













Milwaukee/Sullivan, WI (MKX): Current 90-Day Departure from Normal Precipitation Valid at 10/29/2014 1200 UTC- Created 10/29/14 14:20 UTC



The project area falls within -1" to 1" of the normal precipitation range.

R.A. Smith National Beyond Surveying and Engineering

NOT TO SCALE

# **Appendix 2:**

FSA Slide Review
Form based on NRCS-0	CPA-32W
	(9-6-06)

		Wetland Do	ocumentation R	ecord		. ,
Owner/Operator:	Bear C	Creek Developmen	t, LLC	County: Milwaukee	State:	WI
Slide Reviewer: Site Identification:	Loomis Rd P	Heather Patti & arcels - AsA Unit e	Tina M. Myers ast of W-1 (Area 1)	Date:	10/28/2014 Location: City	of Franklin
		Farm Service Ag	ency Aerial Color	Slide Data		
		I ann Service Ag	ency Aerial Color			
	Avg.Rainfall (in) 3	Dry, Normal				
Date (Mo./Yr)	months	or Wet?	Interpretation - (co	des listed in box below)		
	prior	<u>(D/N/W)</u>				
Aug 1980	3.29	<u>N</u>				
June 1982	3.48	<u> </u>	N. CR			
July 1983	3.97	N	N, CR s	lide is dark		
July 1984	4.44	N	N, CR			
Aug 1985	2.06	<u> </u>	N, CR			
Aug 1986	4.47	<u>N</u>				
July 1988	1.77		N. NC			
July 1989	2.03	 D	N, NC d	ark soil tone, but no obvi	ous signatures	
Aug 1990	5.18	N	N, NC			
June 1991	4.00	N	N, NC			
July 1992	2.05	<u> </u>	N, NC d	ark soil tone, but no obvi	ous signatures	· · · · · · · · · · · · · · · · · · ·
July 1993	4.86			ark soil tone, but no obvi	ous signatures (silde	is very grainy)
June 1995	2.03	<u> </u>	N NC d	ark soil tone but no obvi	y ous signatures	
Aug 1996	3.32	<u> </u>	N, CR s	lide is too grainy	oud dignatured	
July 1997	4.70	N	N, NC d	ark soil tone, but no obvi	ous signatures (slide	is very grainy)
July 1998	3.16	N	N, NC d	ark soil tone, but no obvi	ous signatures	
July 1999	5.61	<u> </u>	N, NC d	ark soil tone, but no obvi	ous signatures	
July 2000	5.16		<u>Y+, NC, 6e s</u>	lide is generally poor qua	llity	
July 2001	2.09	N				
July 2002	2.58	<u> </u>	N. NC			
July 2004	4.71	W	N, CR			
July 2005	2.09	D	Y-, NC, 6d			
July 2006	3.50	<u>N</u>	N, NC			
2007	na 6.54	na		ver 10" of reinfall in June	2008	
2000	0.04 na		<u>na</u>		2006	
July 2010	4.61	<u> </u>	N. CR ~	11" of rain in July		
2011	na	na	na			
2012	na	na	na			
July 2013	5.83	W	Y-, NC, 6d			
Y = signal indicates CR = cropped (row	s wetness (+ = / crop or tilled)	strong, - = weak)	N = N0 NC = r	D wetness signature not cropped (hay, pasture	e, idle, etc.)	
Footuro		Color	Manin	ulation	Other	
1 = water		6a = dark green	<u>iviailip</u> 7a – d	itched	write explanation	
2 = mud flat		6b = light green	7b = til	ed		
3 = bare spot		6c = yellow	7c = fil	led		
4 = drowned crop		6d = brown	7d = tr	ee/brush removal		
5 = planted late		6e = black	8 = plc	wed/tilled		
* Data not available	e at this time fro	om NRCS or USG	S			
Does slide/air phot	o data indicate	the site is a wetla	nd?	Yes No	Indiscernible	
All Years:	<u>4</u> years out of 1 years out of	30 years have w	et (W) signatures et (W) signatures	Percentage = Percentage =	13% 5%	

Comments: Only one strong signature observed during a wet year; however, the slide was poor quality. This field appears to be effectively drained for agricultural purposes.

Form based on NRCS-CPA-32W (9-6-06)

		Wetland Do	ocumentati	ion Record			
Owner/Operator:	Bear	Creek Developmen	sensed Data it, LLC	County:	Milwaukee	State:	WI
Slide Reviewer:		Heather Patti &	Tina M. Myer	rs	Date:	10/28/2014	
Site Identification:	Loomis Rd F	Parcels - AsA mapp	ed unit just s	outh of Loomis F	Rd (Area 2)	Location: City	of Franklin
		Farm Service Ag	ency Aerial	Color Slide Data	<u>a</u>		
	Avg.Rainfall	Dry,					
Date (Mo /Vr)	(in) 3	Normal,	Interpretatio	n - (codes listed	l in hox helow)		
Date (100./11)	months	or Wet?	Interpretatio				
Aug 1000	prior	<u>(D/N/W)</u>					
Aug 1980	3.29	<u>N</u>		dark soil to	ne but no obvic	us signatures	
June 1982	3.48	- <u>N</u>		dark soil to	ne, but no obvic	ous signatures	
July 1983	3.97	N	N, CR	slide is dar	k		
July 1984	4.44	N	N, NC				
Aug 1985	2.06	D	N, CR	dark soil to	ne, but no obvic	ous signatures	
Aug 1986	4.47	N	N, CR				
Aug 1987	3.40	<u> </u>	N, CR				
July 1988	1.77	<u> </u>	N, NC	مام بار مما ا			
Δμα 1989	<u> </u>	<u>D</u>	N CR	uark soir to		lus signatures	
June 1991	4.00	- <u>N</u>	N, NC	dark soil to	ne, but no obvic	ous signatures	
July 1992	2.05	D	N, NC	dark soil to	ne, but no obvic	ous signatures	
July 1993	4.86	W	N, NC	dark soil to	ne, but no obvic	ous wetland signature	es (slide is grainy)
July 1994	2.03	N	N, NC	slide is ver	y grainy		
June 1995	2.91	N	N, NC	dark soil to	ne, but no obvic	ous signatures	
Aug 1996	3.32	<u> </u>	Y-, CR, 6b	possible sig	gnature, but slid	e is very poor quality	/ (too grainy)
July 1997	4.70	<u> </u>	N, NC	dark soil to	ne, but no obvic	ous wetland signature	es (slide is grainy)
July 1998	5.10		$\frac{N, NC}{Y-NC}$ 2	nossible si	ne, but no obvid	e is verv poor quality	(too grainy)
July 2000	5.16		N. NC	dark soil to	ne. but no obvic	ous wetland signature	es (slide is grainy)
July 2001	4.09	W	Y-, NC, 2	possible sig	gnature, but slid	e is very poor quality	/ (too grainy)
July 2002	2.96	N	Y-, NC, 2	•	<u> </u>	, , , , ,	
July 2003	2.58	N	N, NC				
July 2004	4.71		Y+, CR, 4				
July 2005	2.09	<u> </u>	Y-, NC, 6b				
July 2006	3.50	<u> </u>	Y+, NC, 60				
2007	6 54	N	$\frac{11a}{Y+CR}$ 6d	over 12" of	rainfall in June	2008	
2009	na		na	0001 12 01		2000	
July 2010	4.61	N	Y+, CR, 4	~11" of rai	n in July		
2011	na	na	na		-		
2012	na	na	na				
July 2013	5.83	W	N, NC				
V aignal indicator		otrong woold)					
CR = cropped (row	crop or tilled)	strong, - = weak)		NC = not croppe	ed (hay, pasture)	, idle, etc.)	
Feature		<u>Color</u>		Manipulation		Other_	
1 = water		6a = dark green		7a = ditched		write explanation	
2 = mud flat		6b = light green		7b = tiled			
3 = bare spot		6c = yellow		7c = filled			
4 = drowned crop		6d = brown		7d = tree/brush	removal		
5 = planted late		6e = black		8 = plowed/tilled			
* Data not available	e at this time fi	rom NRCS or USG	S				
Does slide/air photo	o data indicate	e the site is a wetla	nd?	Yes	No	Indiscernible	
All Years: 9 Normal Years: 5	years out of years out of	30 years have w 19 years have w	vet (W) signat vet (W) signat	ures ures	Percentage = Percentage =	30% 26%	

Comments: Based on the slide review, this area generally tends to pond only under the most extreme wet circumstances. Five out of nine signatures were weak.

Form based on NRCS-CPA-32W (9-6-06)

		Wetland Do	ocumentat	ion Record			
Owner/Operator:	Bear	Creek Developmen	nt, LLC	County:	Milwaukee	State:	WI
Slide Reviewer:		Heather Patti &	Tina M. Myei	rs	Date:	10/28/2014	
Site Identification:	Loomis Rd F	Parcels - AsA unit w	vest of 112th	St - field center (A	Area 3)	Location: City	of Franklin
		Farm Service Ag	ency Aerial	Color Slide Data	_		
	Avg.Rainfall	Dry,					
Data (Ma /Vr)	(in) 3	Normal,	Interpretatio	on - (codes listed	in hox helow)		
Date (100./11)	months	or Wet?	merpretatio				
Aug 1000	prior	<u>(D/N/W)</u>	V CD Ca		naasihla aran	otropo hut poitor io y	iou otrong
Aug 1980	3.29	<u> </u>	1-, CR, 60	2 areas with	n possible crop	stress, but neiter is v	vey strong
June 1982	3.48	<u> </u>	N, NC	dark soil tor	ne, but no obvic	ous signatures	
July 1983	3.97	<u> </u>	N, NC	slightly dark	soil tone, but r	no obvious signature	S
July 1984	4.44	N	Y-, CR, 3	2 areas with	possible crop	stress	
Aug 1985	2.06	D	N, CR				
Aug 1986	4.47	<u>N</u>	N, CR				
Aug 1987	3.40	<u> </u>	N, CR	مام بار ممال المر			
July 1988	2.03	<u> </u>	N, NC	dark soil tor	e, but no obvid	ous signatures	
Aug 1990	5.18	<u> </u>	N, NC	uaik soli toi		lus signatures	
June 1991	4.00	<u> </u>	N, NC	dark soil tor	ne, but no obvic	ous signatures	
July 1992	2.05	D	N, NC	dark soil tor	ne, but no obvio	ous signatures	
July 1993	4.86	W	N, NC	dark soil tor	ne, but no obvic	ous signatures (slide	is very grainy)
July 1994	2.03	N	N, CR	slide is very	grainy		
June 1995	2.91	<u> </u>	N, NC	-lide is			
Aug 1996	3.32	<u> </u>	N CR	slide is very	poor quality (to	oo grainy)	ic grainy)
July 1997	3.16	- <u>N</u>	N NC	dark soil tor	e but no obvic	ous signatures (silue	is grainy)
July 1999	5.61		Y NC. 2	possible sig	nature, but not	strong, slide is poor	quality (too grainy)
July 2000	5.16	W	Y-, NC, 2	possible sig	nature, but not	strong, slide is poor	quality (too grainy)
July 2001	4.09	W	Y+, NC, 1	appears to l	pe about 5 pon	ded areas	
July 2002	2.96	<u>N</u>	Y-, NC, 2	possible sig	nature, althoug	h slide is poor qualit	у
July 2003	2.58	<u> </u>	N, NC				
July 2004	4./1	<u> </u>	N, CR				
	3.50	<u> </u>	N NC				
2007	na	na	na				
July 2008	6.54	N	Y+, CR, 4	over 12" of	rainfall in June	2008	
2009	na	na	na				
July 2010	4.61	<u>N</u>	Y+, CR, 1,3	3 4 areas with	either ponding	g and/or stressed cro	p, ~11" of rain in July
2011	na	na	na				
2012	na 5.92	<u>na</u>	na N. NC				
July 2013	5.65		N, NC				
Y = signal indicates	s wetness (+ =	strong, - = weak)		N = NO wetness	signature		
CR = cropped (row	crop or tilled)	<b>U</b> .,		NC = not cropped	d (hay, pasture,	, idle, etc.)	
<u>Feature</u>		Color		Manipulation		<u>Other</u>	
1 = water		6a = dark green		7a = ditched		write explanation	
2 = muu nat 3 – bare spot		6c = vellow		7D = liled 7c = filled			
4 - drowned crop		6d = brown		7d = tree/brush r/s	amoval		
5 = planted late		6e = black		8 = plowed/tilled	emovai		
* Data not available	e at this time f	om NRCS or USG	s				
			-				
Does slide/air photo	o data indicate	e the site is a wetla	nd?	Yes	No	Indiscernible	
All Years: 6 Normal Years: 5	years out of <u>years out of</u> years out of	30 years have w 19 years have w	vet (W) signat vet (W) signat	tures tures	Percentage = Percentage =	27% 26%	

Comments: Based on the slide review, this area generally tends to pond only under the wettest circumstances.

Form based on NRCS-CPA-32W	
(9-6-06)	

		Wetland Do	ocumentat	ion Record				
		Permetalu DC	Sonood Dote					
	Deer	Remotely -	Sensed Data	a Summary		Ctoto	14/1	
Owner/Operator:	Bear	Creek Developmen	II, LLC	County: Milw	vaukee	State:	VVI	
Slide Poviowor:		Hoothor Dotti 8	Tipo M. Myo	re	Data:	10/29/2014		
Silue Reviewer.	triewer. Heather Patti & Tina M. Myers Date: 10/28/2014							
one identification.	alion. Loomis Ru Farceis - ASA unit SE corner (Area 4) Location: City of							
		Farm Service Ag	ency Aerial	Color Slide Data				
			citey Actual	oolor onde Data				
	Avg.Rainfall	Drv.						
	(in) 3	Normal.						
Date (Mo./Yr)	months	or Wet?	Interpretatio	on - (codes listed in bo	ox below)			
	prior	(D/N/W)						
Aug 1980	3.29	N	N, CR					
July 1981	3.44	N	N, NC	dark soil tone, b	ut no obvio	ous signatures		
June 1982	3.48	N	N, NC	dark soil tone, b	ut no obvio	us signatures, slide	is very dark	
July 1983	3.97	N	N, NC	dark soil tone, b	ut no obvio	us signatures		
July 1984	4.44	<u>N</u>	Y-, CR, 3	2 small areas wi	ith possible	crop stress, but inc	onclusive	
Aug 1985	2.06	D	N, CR					
Aug 1986	4.47	<u>N</u>	N, CR					
Aug 1987	3.40	<u> </u>	N, CR	dark slide				
July 1988	1.77	<u> </u>	N, NC	dark soil tone, b	ut no obvio	ous signatures		
July 1989	2.03	<u> </u>	N, NC	dark soil tone, b	ut no obvio	ous signatures		
Aug 1990	5.18	<u> </u>	N, CR	dark apil tana h	ut no obvio			
June 1991	4.00	<u> </u>	N, NC	dark soil tone, b		us signatures		
July 1992	2.05		N, NC	dark soll tone, b	ut no odvio	ous signatures		
July 1993	4.80			olido io voru groi	inv			
July 1994	2.03	<u> </u>		silue is very grai	шу			
Aug 1995	2.31	N	N CP	slide is very poo	vr quality (to	o grainy)		
Luly 1990	4 70		N NC	dark soil tone b	ut no obvio	us signaturos (slido	is arainv)	
July 1998	3 16	<u> </u>	N NC	dark soil tone, b	ut no obvio	us signatures	is grainy)	
.luly 1999	5.61		N NC	dark soil tone, b	ut no obvio	us signatures		
July 2000	5.16		Y- NC.6d	possible signatu	ire, but not	strong, slide is poor	quality (too grainy)	
July 2001	4.09		N. NC	slightly dark soil	tone, but r	o obvious signature	s	
July 2002	2.96	<u> </u>	Y-, NC, 6d	possible signatu	ire. althoug	h slide is poor qualit	tv	
July 2003	2.58	N	N, NC	1	.,			
July 2004	4.71	W	N, CR					
July 2005	2.09	D	N, NC					
July 2006	3.50	N	N, NC					
2007	na	na	na					
July 2008	6.54	N	N, CR	slightly dark soil	tone, but r	no obvious signature	s, slide is grainy	
2009	na	na	na					
July 2010	4.61	<u>N</u>	N, CR					
2011	na	na	na					
2012	na	na	na					
July 2013	5.83	W	N, NC					
	. ,			<u>N NO ( )</u>				
Y = signal indicates	s wetness (+ =	strong, - = weak)		N = NO wetness sign	ature			
CR = cropped (row	crop or tilled)			NC = not cropped (na	ay, pasture,	idle, etc.)		
Faatura		Color		Moninulation		Other		
<u>reature</u>		<u>Coloi</u> 6a - dark groop		<u>Manipulation</u> 7a – ditebad	-	<u>urite evolution</u>		
2 - mud flat		6h – light green		7a – ulicileu 7h – tiled				
3 = hare snot		6c = vellow		7c = filled				
4 - drowpod orcz		6d = brown		7d - troo/bruch rome	vol			
= urowneu crop				a = n ee/blush lefflor8 = n lowed/tilled	vai			
* Dete net sustitut	at this time of		<u></u>	o – piowed/tilled				
Data not available	e at this time fi	om NRCS or USG	3					
				,				
Does slide/air phote	o data indicate	e the site is a wetla	nd?	Yes	No	Indiscernible		
				. <u></u>				
All Years: 3	<u>years</u> out of	30 years have w	vet (W) signat	tures Perc	centage =	10%		
Normal Years: 2	2 years out of	<u>19</u> years have w	vet (W) signat	tures Perc	centage =	11%		

Comments: Based on the slide review, this area appear to be effectively drained. Only weak signatures observed in a few years.

# **Appendix 3:**

**Site Photographs** 



**Photograph 1 (10/29/14):** Northeast facing view of the sedge (wet) meadow portion of W-1. W-1 contains predominantly native sedge (wet) meadow that transitions to a shallow marsh, although there are smaller portions of degraded fresh (wet) meadow and farmed wetland as well.



**Photograph 2** (10/29/14): Northwest facing view of a shallow marsh and open water portions of W-1 from south end of wetland.



Photograph 3 (10/29/14): General view of the open water pond located within W-2.



**Photograph 4 (10/29/14):** North facing view of the fresh (wet) meadow on the west side of W-2 underneath the transmission line right-of-way.



Photograph 5 (10/29/14): General view of W-3.



Photograph 6 (10/29/14): General view of W-4, a farmed wetland, and wetland data point DP-14.



Photograph 7 (10/29/14): Southwest facing view of W-5.



Photograph 8 (10/29/14): Tile outlet located at the north end of W-5.



Photograph 9 (10/29/14): View of the open pond located within the interior of W-6.



**Photograph 10 (10/29/14):** General view of the fresh (wet) meadow community that surrounds the open water pond within W-6. This area is sometimes farmed during drier years.



**Photograph 11 (10/30/14):** South facing view of the shallow marsh community within W-7 near wetland data point DP-28.



**Photograph 12 (10/30/14):** North facing view of the transition from shallow marsh wetland to upland with a healthy corn crop with wetland data point DP-28 shown in the foreground.



**Photograph 13 (10/30/14):** South facing view of W-8 with wetland data point DP-23 shown in the background.



**Photograph 14 (10/30/14):** General view of wetland data point DP-25 in W-9. Note the crop stress in this area.



**Photograph 15 (10/30/14):** View of upland data point DP-21 located south of W-9. Some crop stress was observed, but soils were non-hydric.



**Photograph 16 (10/30/14):** West facing view of W-10 with wetland data point DP-30 shown in the photo.



**Photograph 17 (10/30/14):** General view of the upland adjacent to W-10 where a healthy corn crop was present. Upland data point DP-29 is observable in the photo.



**Photograph 18 (10/30/14):** General south facing view of W-11, a shallow marsh ditch along the south side of Loomis Road.

# **Appendix 4:**

Wetland Determination Data Forms – Midwest Region

					Franklin /		
Project/Site: Loom	is Road Parcels				City/County: Milwaukee	Sampling Date: October 29, 2	2014
Applicant/Owner:	Bear Developr	ment, LLC			State: W	Sampling Point:	T-1 DP-1UPL
Investigator(s):	Heather D. Pat	tti, PWS & Tina M. Myers,	PWS		Section, Township, Range:	Section 30, T5N R21E	
Landform (hillslope, te	errace, etc.):	backslope			Local relief (concave, convex, none):	convex	
Slope (%): 10%		Lat: See Figure 2		Long: Se	e Figure 2	Datum: See Figure 2	
Soil Map Unit Name:		Blount silt loam, 1	-3% slopes (Bl	A), Hydric Inclsui	ions WWI Class	sification: no	one
Are climatic / hydrolog	gic conditions on	the site typical for this time	of year?		Yes <u>X</u> No	(if no, explain in Remarks)	
Are Vegetation	*Y Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances"	present? Yes	No X
Are Vegetation	N Soil	N or Hydrology	<u>N</u> naturall	y problematic?	(if needed, explain any answe	ers in Remarks)	
SUMMARY OF	FINDINGS	Attach site map sh	owing sam	oling point lo	cations, transects, important fe	eatures, etc.	
Hydrophytic Vegetation	on Present?	Yes	No	х	Is the Sampled Area		
Hydric Soil Present?		Yes	No	х	within a Wetland?	Yes	No X
Wetland Hydrology P	resent?	Yes	No	x	If yes, optional wetland site IE	D: <b>N/A</b>	
Demortro	*Edge of a cor	m field			tland aritara have been met		
Remarks:	"Edge of a cor	n field - corn is nealtny		None of the we	itiand critera nave been met.		
VEGETATION -	Use scientific	names for plants.				Sampling Point:	T-1 DP-1UPL
		Absolute %	Dominant	Indicator	Dominance Test Work	ksheet:	
Tree Stratum (Plot siz	ze: 30'R	) Cover	Species	Status			
1. <u>n/a</u>		<u> </u>			That Are OBL, FACW, o	or FAC: 1	(A)
2		·			Total Number of Demin		
3 4		·			Species Across All Stra	anta: <b>4</b>	(B)
5.							-
6					Percent of Dominant Sp That Are OBL EACW	pecies	(A/B)
<i>'</i>		·	Total Cover		That Are OBE, I AGW, G	23/8	(A/D)
					Prevalence Index Wor	rksheet:	
					Total % Cov	/er of: Multip	bly by:
Conling/Chruh Stratu	m (Dist size)					x 1 =	
1 Rhamnus catha	artica	<u>15 K)</u> 10%	Y	FAC	FACW species	x 2 =	
2. Ulmus pumila		5%	Y	UPL	FACU species	x 4 =	
3.					UPL species	x 5 =	
4.					Column Totals:	(A)	(B)
5					Drevelence Index	· D/A	
6 7.		· · · · · · · · · · · · · · · · · · ·			Prevalence Index	B/A = <b>n/a</b>	
		15% =	Total Cover		Hydrophytic Vegetatio	on Indicators:	
					Rapid Te	st for Hydrophytic Vegetation	
					Dominan	ice Test is >50%	
Lloch Strotum (Diot of		``			Prevalen	ce Index is ≤ 3.0'	posting
1 Zea mays	ze: 5'R	)	v	LIPI	Morphold	Provide su Remarks or on senarate sheet	pporting
2. Solidado canad	densis	40%	Y	FACU	Problema	atic Hydrophytic Vegetation <sup>1</sup> (E	y xplain)
3. Phalaris arundi	inacea	20%	N	FACW			
4. Daucus carota		10%	N	UPL			
5					<sup>1</sup> Indicators of hydric so	il and wetland hydrology must	
6					be present, unless dis	turbed or problematic.	
8		·					
9.		·					
10.							
11.							
12.							
13		·					
14		110% =	Total Cover				
Woody Vine Stratum	(Plot size: 30'R	)					
1. <u>n/a</u>		· · · · · · · · · · · · · · · · · · ·					
2 3		·			Hydrophytic		
4.		·			Vegetation		
			= Total Cover		Present?	Yes <u>No</u>	x
Pomorkov (Include	oto pumbara k	o or on a concrete aba-t \					
Hydrophytic vegeta	tion criterion is	e or on a separate sneet.) not met.					

#### SOIL

### Sampling Point: T-1

1-1	DP-1	UPL

A 4A		%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-13	10YR 3/2	100%					si cl loam	
13-15	10YR 3/2	95%	10YR 5/6	5%	С	М	si cl loam	
15-20	10YR 4/3	90%	10YR 5/6	10%	C	М	silty clay	
<u> </u>				·				
				·				
e: C=Concentration	D-Depletion RM-Red	uced Matrix CS	-Covered or Coa	ated Sand Grain	ns.	2	ocation: PI =Pore Li	ning M-Matrix
		uceu Matrix, CC		aleu Sanu Gran	13.			
ric Soil Indicators:							Indicators for P	roblematic Hydric Soils":
Histosol (A1)			Sandy Gleyed Ma	atrix (S4)			Coast P	rairie Redox (A16) (LRR,K,L,R)
Histic Epipedon (A2	!)		Sandy Redox (S5				Dark Su	rface (S7) (LRR,K,L)
Black Histic (A3)		`	opped Mucky Mir	ooral (E1)			5 cm mu	ICKY peat of peat (S3)(LRR,R,L)
Stratified Lavers (Af	5)		oamy Gleved Ma	atrix (F2)			Very Sh	allow Dark Surface (TF12)
2 cm Much (A10)	5)	i	Depleted Matrix (I	F3)			Other (E	Explain in Remarks)
Depleted Below Dar	rk Surface (A11)	i	Redox Dark Surfa	ace (F6)				
Thick Dark Surface	(A12)	(	Depleted Dark Su	Irface (F7)				
Sandy Mucky Miner	al (S1)	F	Redox Depression	ns (F8)				
							<sup>3</sup> Indicators of hy	drophytic evegetation and wetland
							hydrology must b	be present, unless disturbed or
							problematic.	
strictive Laver (if ob	served):							
Type: none	,							Y. N. Y
Type: <u>none</u> Depth (inches): <u>n</u> marks: <b>Hydric so</b>	/a bil criterion is not met.					Hydi	ric Soil Present?	Yes No_X
Type: <u>none</u> Depth (inches): <u>n</u> marks: <b>Hydric so</b>	/a pil criterion is not met.					Hydi	ric Soil Present?	Yes <u>No X</u>
Type: none Depth (inches): n marks: Hydric so	/a bil criterion is not met.					Hydi	ric Soil Present?	Yes <u>No X</u>
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind	/a bil criterion is not met.					Hydi	ric Soil Present?	Yes <u>No X</u>
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir	/a bil criterion is not met. icators: num of one is required; c	check all that ap	ply)			Hyd	ric Soil Present?	Yes No X ary Indicators (minimum of two required) Surface Soil Cracks (B6)
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minin Surface Water (A1)	/a bil criterion is not met. icators: num of one is required; o	check all that ap	ply) Nater-Stained Le	aves (B9)		Hydı	ric Soil Present?	Yes <u>No X</u> ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10)
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minin Surface Water (A1) High Water Table (A	/a bil criterion is not met. icators: num of one is required; c	check all that ap	ply) Vater-Stained Le Aquatic Fauna (B	aves (B9) 13)		Hydi	ric Soil Present?	Yes No _ X ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2)
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir _Surface Water (A1) _High Water Table (A _Saturation (A3)	/a bil criterion is not met. icators: num of one is required; of A2)	check all that ap	ply) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar	aves (B9) 13) rts (B14)		Hydi	ric Soil Present?	Yes No X ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table ( <i>A</i> Saturation (A3) Water Marks (B1)	/a bil criterion is not met. icators: num of one is required; of A2)	check all that ap	ply) Nater-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide	aves (B9) 13) 1ts (B14) Odor (C1)		Hydi	ric Soil Present?	Yes No X ary 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)
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table ( <i>A</i> Saturation (A3) Water Marks (B1) Sediment Deposits	/a bil criterion is not met. icators: num of one is required; c A2) (B2)	check all that ap	ply) Nater-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp	aves (B9) 13) tts (B14) Odor (C1) heres on Livinç	Roots (C3)	Hydi	ric Soil Present?	Yes No X ary 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)
Type: none Depth (inches): n emarks: Hydric so YDROLOGY etland Hydrology Indi imary Indicators (minir Surface Water (A1) High Water Table (/ Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3)	/a bil criterion is not met. licators: num of one is required; c A2) (B2)	check all that ap	ply) Nater-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu	aves (B9) 13) 15 (B14) Odor (C1) heres on Living uced Iron (C4)	Roots (C3)	Hydi	ric Soil Present?	Yes No X ary 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)
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Type: none Depth (inches): n marks: Hydric so YDROLOGY atland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table ( <i>I</i> Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (i Iron Deposits (B5)	/a pil criterion is not met. iicators: num of one is required; c A2) (B2) B4)	check all that ap	ply) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac	aves (B9) 13) 1s (B14) Odor (C1) heres on Living uced Iron (C4) iction in Tilled S e (C7)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X
Type: none Depth (inches): n marks: Hydric so (DROLOGY tland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3) Algal Mat or Crust (( Iron Deposits (B5) Inundation Visible o	/a bil criterion is not met. iicators: num of one is required; of A2) (B2) B4) n Aerial Imagery (B7) Concerne Surface (B2)		ply) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Sauge or Well Da	aves (B9) 13) 13) 15 (B14) Odor (C1) heres on Living uced Iron (C4) iction in Tilled S e (C7) tat (D9) Beard(c)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X
Type: none Depth (inches): n marks: Hydric so (DROLOGY tland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table ( <i>I</i> Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (I Iron Deposits (B5) Inundation Visible o Sparsely Vegetated	/a         bil criterion is not met.         bil criterion is not met.         licators:         num of one is required; c         A2)         (B2)         B4)         n Aerial Imagery (B7)         'Concave Surface (B8)	Check all that ap	ply) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in	aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) tction in Tilled S e (C7) ata (D9) Remarks)	n Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X
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Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind imary Indicators (minin Surface Water (A1) High Water Table ( <i>I</i> Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (I Iron Deposits (B5) Inundation Visible o Sparsely Vegetated	/a pil criterion is not met. icators: num of one is required; c A2) (B2) B4) n Aerial Imagery (B7) (Concave Surface (B8) Vos	check all that ap	ply) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in	aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table (/ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust ( Iron Deposits (B3) Algal Mat or Crust ( Iron Deposits (B5) Inundation Visible o Sparsely Vegetated etd Observations: rface Water Present?	/a pil criterion is not met. icators: num of one is required; c A2) (B2) B4) n Aerial Imagery (B7) (Concave Surface (B8) Yes Yes	check all that ap	ply) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches):	aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) ata (D9) Remarks)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table (/ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust ( Iron Deposits (B3) Algal Mat or Crust ( Iron Deposits (B5) Inundation Visible o Sparsely Vegetated etd Observations: rface Water Present? turation Present?	/a bil criterion is not met. icators: num of one is required; c (B2) B4) n Aerial Imagery (B7) (Concave Surface (B8) Yes Yes	Check all that ap	ply) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches):	aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) tction in Tilled S e (C7) ata (D9) Remarks)	Roots (C3) Boils (C6)	Hydi	ric Soil Present?	Yes No _X ary 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)
Type: none Depth (inches): n Depth (inches): n Pmarks: Hydric so YDROLOGY etland Hydrology Ind imary Indicators (minir Surface Water (A1) High Water Table ( <i>I</i> Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust ( Iron Deposits (B5) Inundation Visible o Sparsely Vegetated etl Observations: rface Water Present? turation Present? cludes capillary fringe	/a bil criterion is not met. iicators: num of one is required; c A2) (B2) B4) n Aerial Imagery (B7) I Concave Surface (B8) Yes Yes Yes Yes	Check all that ap <t< td=""><td>ply) Water-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfica Suidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches):</td><td>aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)</td><td>I Roots (C3) Soils (C6)</td><td>Hydi</td><td>ric Soil Present?</td><td>Yes No _X ary 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) dd Hydrology Present? Yes No</td></t<>	ply) Water-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfica Suidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches):	aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X ary 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) dd Hydrology Present? Yes No
Type: none Depth (inches): n Depth (inches): n Pararks: Hydric so Pararks: Hydric so PyDROLOGY etland Hydrology Ind imary Indicators (minir Surface Water (A1) High Water Table ( <i>I</i> Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (I Iron Deposits (B3) Algal Mat or Crust (I Iron Deposits (B5) Inundation Visible o Sparsely Vegetated eld Observations: urface Water Present? aturation Present? aturation Present? aturation Present?	/a  pil criterion is not met.  iicators: num of one is required; c  A2) (B2) B4) n Aerial Imagery (B7) I Concave Surface (B8)  Yes Yes Yes Yes Yes t (stream gauge, monitor	Check all that ap Check all t	ply) Water-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfica Suidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches): Depth (inches):	aves (B9) 13) tts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X ary 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) dd Hydrology Present? Yes No
Type: none Depth (inches): n marks: Hydric so YDROLOGY etland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Drift Deposits (B3) Inundation Visible o Sparsely Vegetated eld Observations: rface Water Present? turation Present? cludes capillary fringe scribe Recorded Data 3GS topo map (Figure	/a bil criterion is not met. iicators: num of one is required; c A2) (B2) B4) n Aerial Imagery (B7) (Concave Surface (B8) Yes Yes Yes Yes Yes Yes Yes Yes	check all that ap	ply) Nater-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfide Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in I Depth (inches): Depth (inches): Dept	aves (B9) 13) 15 (B14) Odor (C1) heres on Living uced Iron (C4) tction in Tilled S e (C7) ata (D9) Remarks)	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X ary 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) dd Hydrology Present? Yes No (Figures 4A-D).
Type: none Depth (inches): n marks: Hydric so (DROLOGY (DROLOGY (tland Hydrology Ind mary Indicators (minir Surface Water (A1) High Water Table (/ Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Drift Deposits (B3) Drift Deposits (B3) Inundation Visible o Sparsely Vegetated Id Observations: fface Water Present? turation Present? scribe Recorded Data GS topo map (Figur 5), N	/a bil criterion is not met. bil criterion is not magery (B7) bil criterion criterion is required; criterion criterio	check all that ap	ply) Nater-Stained Le Aquatic Fauna (B Irue Aquatic Plar Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches):	aves (B9) 13) 15 (B14) Odor (C1) heres on Living ucced Iron (C4) (ction in Tilled S e (C7) ata (D9) Remarks) (Figure 3), Aer FSA Crop Slid	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _ X ary 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) Stuned or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5) d Hydrology Present? Yes No s (Figures 4A-D),
Type: none Depth (inches): n marks: Hydric so Marks: Hydric so Marks: Hydric so Mary Indicators (minir Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (I Iron Deposits (B3) Inundation Visible o Sparsely Vegetated Id Observations: face Water Present? uration Present? scribe Recorded Data GS topo map (Figure 5), N	/a pil criterion is not met. pil criterion i	check all that ap	ply) Nater-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches):	aves (B9) 13) 13 (B14) Odor (C1) heres on Living ucced Iron (C4) ction in Tilled S e (C7) ata (D9) Remarks) 	I Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X ary 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) d Hydrology Present? Yes No (Figures 4A-D),

					Franklin /	
Project/Site: Loon	is Road Parcels				City/County: Milwaukee	Sampling Date: October 29, 2014
Applicant/Owner:	Bear Developm	ent, LLC			State: WI	Sampling Point: T-1 DP-2 WID
Investigator(s):	Heather D. Patti	, PWS & Tina M. Myers, I	PWS		Section, Township, Range:	Section 30, T5N R21E
Landform (hillslope, f	errace, etc.):	wetland depression			Local relief (concave, convex, none):	concave
Slope (%): 0%		Lat: See Figure 2		Long: See	e Figure 2	Datum: See Figure 2
Soil Map Unit Name:		Ashkum silty clay	y loam 0-2% slo	opes (AsA), Hydri	c WWI Class	ification: E2K
Are climatic / hydrolo	gic conditions on the	ne site typical for this time	of year?		Yes X No	(if no, explain in Remarks)
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances"	present? Yes X No
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> naturall	y problematic?	(if needed, explain any answe	ers in Remarks)
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point loca	ations, transects, important fea	atures, etc.
Hydrophytic Vegetati	on Present?	Yes X	No		Is the Sampled Area	
Hydric Soil Present?		Yes X	No		within a Wetland?	Yes X No
Wetland Hydrology F	Present?	Yes X	No		If yes, optional wetland site IE	): <b>W-1</b>
Pomarke:						
Remarks.						
VEGETATION -	Use scientific	names for plants.				Sampling Point: T-1 DP-2 WTD
		Absolute %	Dominant	Indicator	Dominance Test Work	(sheet:
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status		
1 Malus numila		10%	v		That Are OBL EACW	Decles
2.		1070	<u> </u>	512	HIAL ALE ODL, FACW, (	<b>3</b> (A)
3.					Total Number of Domin	ant
4.					Species Across All Stra	ta: <u>4</u> (B)
5						
6					Percent of Dominant Sp	
/		10% -	Total Cover		That Are OBL, FACW, o	DFFAC: <b>75%</b> (A/B)
					Prevalence Index Wor	ksheet:
					Total % Cov	er of: Multiply by:
					OBL species	x 1 =
Sapling/Shrub Stratu	m (Plot size:	15'R)			FACW species	x 2 =
1. Viburnum lenta	ago	5%	Y	FAC	FAC species	x 3 =
2						X 4 =
3 4					Column Totals:	(A) (B)
5.						
6.					Prevalence Index	B/A = <b>n/a</b>
7						
		5% =	Total Cover		Hydrophytic Vegetatio	n Indicators:
					Rapid Te	st for Hydrophytic Vegetation
					Prevalen	ce Index is $\leq 3.0^1$
Herb Stratum (Plot si	ize: 5'R	)			Morpholo	ogical Adaptations <sup>1</sup> (Provide supporting
1. Calamagrostis	canadensis	60%	Υ	OBL	data in	Remarks or on separate sheet)
2. Phalaris arund	inacea	30%	Y	FACW	Problema	atic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Carex stricta	dencio	20%	<u> </u>	OBL		
4. <b>Solidago caria</b>	densis	3%	<u> </u>	FACU	<sup>1</sup> Indicators of bydric so	il and wetland bydrology must
6.					be present, unless dis	turbed or problematic.
7.						
8.						
9						
10.						
11						
13.						
14.						
		115% =	Total Cover			
Woody Vine Stratum	(Plot size: 30'R	)				
1. Vitis riparia		3%	N	FACW		
2.						
3.		-			Hydrophytic	
4					Vegetation	Yee Y N
		3%	= Total Cover		Present?	res <u> </u>
Remarks: (Include pl	noto numbers here	or on a separate sheet.)			•	

Hydrophytic vegetation criterion is met. Plant community is a native sedge meadow transitioning to shallow marsh.

Sampling Point: T-1 DP-2 WTD

epth	Matrix		Redox Featu	res			
nches) Color (mo	ist) %	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-12 10YR 3/	1 <u>90%</u>	7.5YR 5/6	10%	С	M	si cl loam	
<u> </u>							
			·				
			·				
Type: C=Concentration, D=Depletion,	RM=Reduced Matrix, CS	=Covered or Coat	ted Sand Grains	s.	2	Location: PL=Pore Lining, M=Matrix	
ydric Soil Indicators:						Indicators for Problematic Hydr	ic Soils <sup>3</sup> :
Histosol (A1)		Sandy Gleyed Ma	atrix (S4)			Coast Prairie Redox (A16	6) (LRR,K,L,R)
Histic Epipedon (A2)		Sandy Redox (S5	5)			Dark Surface (S7) (LRR,	K,L)
Black Histic (A3)		Stripped Matrix (S	56)			5 cm mucky peat or peat	(S3)(LRR,K,L)
Hydrogen Sulfide (A4)		Loamy Mucky Mir	neral (F1)			Iron-Manganese Masses	(F12) (LRR,K,L,R)
Stratified Layers (A5)		Loamy Gleyed Ma	atrix (F2)			Very Shallow Dark Surfac	ce (TF12)
2 cm Much (A10)		Depleted Matrix (I	F3)			Other (Explain in Remark	is)
Depleted Below Dark Surface (A1)	I) <u>X</u>	Redox Dark Surfa	ace (F6)				
Sandy Mucky Mineral (S1)		Redox Depression	ns (F8)				
						<sup>3</sup> Indicators of hydrophytic evegeta hydrology must be present, unles problematic.	ation and wetland s disturbed or
estrictive Layer (if observed):							
Type: none							N
Depth (inches): n/a					Hyd	ric Soil Present? Yes X	No
emarks: Hydric soil criterion is	met. Hydric soil criterio	n was met in upp	per 12 inches -	below that	too much	water and profile was difficult to ob	serve.

# HYDROLOGY

Surface Water (A1)       Water-Stained Leaves (B9)       Drain:         X       High Water Table (A2)       Aquatic Fauna (B13)       Dry-S         X       Saturation (A3)       True Aquatic Plants (B14)       Crayfi         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunte         Drift Deposits (B3)       Presence of Reduced Iron (C4)       X       Geom         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       X       FAC-I         Iron Deposits (B5)       Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Other (Explain in Remarks)	ge Patterns (B10) ason Water Table (C2) h Burrows (C8) tion Visible on Aerial Imagery (C9) d as transact Diante (D1)
Field Observations: Surface Water Present? Yes No X Depth (inches):	or Sitessed Plans (DT) orphic Position (D2) eutral Test (D5)
Water Table Present?     Yes     X     No     Depth (inches):     3"       Saturation Present?     Yes     X     No     Depth (inches):     0"       (includes capillary fringe)     Wetland Hydro	ogy Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:	

	d Deveele		Franklin /	Poter Ostabor 20, 2014
Applicant/Owner: Boar	Development LLC		State: WI	Sampling Point: T-2 DB-3 UPI
Applicant/Owner. Bear	bevelopment, LLC		State. Wi	20 TEN D21E
l andform (hillslope terrace	etc.): backslope		Local relief (concave, convex, none): slightly	
		Long: Soo	Elocal relief (concave, convex, none).	
Silpe (%). 376		Long. See		
Soli Map Onit Name.		M Slopes (ASA), Hyund		
Are climatic / hydrologic con	ditions on the site typical for this time of year?		Yes X NO (If no, e	explain in Remarks)
Are Vegetation ^Y	SoilN or HydrologySig	inificantly disturbed?	Are "Normal Circumstances" present?	Yes No X
Are vegetation N	SoliNOF HydrologyN	iturally problematic?	(if needed, explain any answers in Re	marks)
SUMMARY OF FIND	NGS Attach site map showing sa	ampling point loca	ations, transects, important features	, etc.
Hydrophytic Vegetation Pro	cont2 Vos	No <b>X</b>	is the Sampled Area	·
Hydrophylic Vegetation Fres	Yoo		within a Wotland?	
Motional Hydrology Procent	Yes		If yos, optional watland site ID:	
Wettand Hydrology Fresent			il yes, optional wettand site iD.	N/A
Remarks: *Acti	ve corn field - corn is healthy, no crop stress			
None	e of the wetland critera have been met.			
	scientific names for plants			
VEGETATION - USE		at last' (		Sampling Point: 1-2 DP-3 UPL
Tree Stratum (Plot size: 30	Absolute % Dominal	IN Indicator	Dominance Test Worksheet:	
			Number of Dominant Species	
1. <u>n/a</u>			That Are OBL, FACW, or FAC:	<u> </u>
2.				
3			Total Number of Dominant	
4		_	Species Across All Strata:	<u>4</u> (B)
5			Percent of Dominant Species	
7.			That Are OBL, FACW, or FAC:	<b>25%</b> (A/B)
	= Total Cove	er		、 、
			Prevalence Index Worksheet:	
			Total % Cover of:	Multiply by:
Sopling/Shrub Stratum (Plat	eize: 15'D )			X1 =
1 n/a	Size. <b>ISR</b> )		FAC species	x z =
2.			FACU species	x 4 =
3.			UPL species	x 5 =
4.			Column Totals:	(A) (B)
5.				
6			Prevalence Index B/A =	n/a
7	- Total Cav	<u> </u>	Hydrophytic Vegetation India	toro:
		51	Ranid Test for Hy	dronhytic Vegetation
			Dominance Test i	s >50%
			Prevalence Index	is ≤ 3.0 <sup>1</sup>
Herb Stratum (Plot size:	5'R )		Morphological Ad	aptations <sup>1</sup> (Provide supporting
1. Zea mays	<u>90%</u> Y	UPL	data in Remarks	s or on separate sheet)
2			Problematic Hydro	ophytic Vegetation <sup>1</sup> (Explain)
3				
4 5			<sup>1</sup> Indicators of hydric soil and we	atland bydrology must
6.			be present. unless disturbed of	problematic.
7				
8.				
9				
10				
11				
13				
14.				
· ···	90% = Total Cove	er		
Woody Vine Stratum (Plot s	ze: 30'R )			
1 <i>n/a</i>				
2.				
3.			Hydrophytic	
4.			Vegetation	
	= Total Co	ver	Present? Yes	No <u>X</u>
Demonstrative (1), but it is it				
Remarks: (Include photo nu	mbers nere or on a separate sheet.)			
right optigite vegetation cr				

# Sampling Point: T-2 DP-3 UPL

-epui	Matrix			Redox Featu	res		
nches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture Remarks
0-10	10YR 3/1	100%					si cl Ioam
10-12	10YR 3/1	95%	10YR 5/6	5%	С	м	si cl loam
12-20	10YR 5/1	90%	10YR 5/6	10%	С	м	silty clay
				·			
				·			
				·			
Type: C=Concentration,	D=Depletion, RM=Redu	uced Matrix, CS=	Covered or Coa	ted Sand Grain	S.	2	<sup>2</sup> Location: PL=Pore Lining, M=Matrix
lydric Soil Indicators:							Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		S	andv Gleved Ma	atrix (S4)			Coast Prairie Redox (A16) (LRR.K.L.R)
Histic Epipedon (A2)			andy Redox (S5	5)			Dark Surface (S7) (LRR,K,L)
Black Histic (A3)		s	Stripped Matrix (S	56)			5 cm mucky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfide (A	4)	L	oamy Mucky Mir	neral (F1)			Iron-Manganese Masses (F12) (LRR,K,L,R)
Stratified Layers (A5	)	L	oamy Gleyed Ma	atrix (F2)			Very Shallow Dark Surface (TF12)
2 cm Much (A10)			Depleted Matrix (	F3)			Other (Explain in Remarks)
Depleted Below Dark	Surface (A11)	F	Redox Dark Surfa	ace (F6)			
Thick Dark Surface (	A12)		Pepleted Dark Su	ırface (F7)			
Sandy Mucky Minera	al (S1)	F	Redox Depression	ns (F8)			
							<sup>3</sup> Indicators of hydrophytic evegetation and wetland
							hydrology must be present, unless disturbed or
							problematic.
	n						problematic.
Restrictive Layer (if obs	erved):						problematic.
Restrictive Layer (if obs Type: <u>none</u>	erved):						
Restrictive Layer (if obs Type: <u>none</u> Depth (inches): <u>n/a</u>	erved):					Hyd	dric Soil Present? Yes <u>No X</u>
Restrictive Layer (if obs Type: <u>none</u> Depth (inches): <u>n/a</u>	erved): a					Hyd	dric Soil Present? Yes <u>No X</u>
Restrictive Layer (if obs Type: <u>none</u> Depth (inches): <u>n/a</u> Remarks: <b>Hydric so</b>	erved): a il criterion is not met.					Hyd	problematic. dric Soil Present? Yes <u>No X</u>
Restrictive Layer (if obs Type: <u>none</u> Depth (inches): <u>n/a</u> Remarks: <b>Hydric so</b>	erved): a il criterion is not met.					Hyd	dric Soil Present? Yes <u>No X</u>
Restrictive Layer (if obs Type: <u>none</u> Depth (inches): <u>n/a</u> Remarks: <b>Hydric so</b>	erved): a il criterion is not met.					Hyd	dric Soil Present? Yes <u>No X</u>
Restrictive Layer (if obs Type: none Depth (inches): n/a Remarks: Hydric so	erved): a il criterion is not met.					Hyd	dric Soil Present? Yes <u>No X</u>
testrictive Layer (if obs Type: <u>none</u> Depth (inches): <u>n/a</u> temarks: <b>Hydric so</b>	erved): a il criterion is not met.					Hyd	dric Soil Present? Yes <u>No X</u>

Wetland Hydrology Indicato	rs:			Secondary Indicators (minimum of two required	Secondary Indicators (minimum of two required)		
Primary Indicators (minimum	of one is require	ed; check all	that apply)	Surface Soil Cracks (B6)			
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 I Aquatic Fauna ( True Aquatic Pl Hydrogen Sulfic Oxidized Rhizos Presence of Re Recent Iron Rer Thin Muck Suffa Gauge or Well I Other (Explain i	B9) Drainage Patterns (B10) Dry-Season Water Table (C2) 4) Crayfish Burrows (C8) (C1) Saturation Visible on Aerial Imagery on Living Roots (C3) Stunted or Stressed Plants (D1) on (C4) Geomorphic Position (D2) n Tilled Soils (C6) FAC-Neutral Test (D5) ( )) rks)	(C9)		
Field Observations:							
Surface Water Present?	Yes	No	X Depth (inches				
Water Table Present?	Yes	No	X Depth (inches				
Saturation Present? (includes capillary fringe)	Yes	No	X Depth (inches	Wetland Hydrology Present? Yes	No <u>X</u>		
Describe Recorded Data (stre	am gauge, mor	nitoring well,	aerial photos, previous	ions), if available:			
USGS topo map (Figure 1),	1-foot contour	map (Figu	e 2), NRCS Soils Map	e 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D),			
WWI map (Figure 5), NOAA	s AHPS map (	Figure 6), L	ocal WETS table, and	rop Slide:			
Remarks: Wetland hvdr	ploav criterion	is not met.					

	a Deed Deresta				Franklin /
Project/Site: Loom	IS ROAD Parcels	ant LLC			City/County: Milwaukee Sampling Date: October 29, 2014
Applicant/Owner.	Bear Developme				State. WI Sampling Point. 1-2 DF-4 WID
Investigator(s):	Heatner D. Patti	wetland depression			Section, Township, Range: Section 30, TSN R21E
	enace, etc.).			Lange Coo	Figure 2
Soll Map Linit Name:		Plount silt loom 1	2% clopes (PIA)	Long. See	Pigure z Datum. See Figure z
		Biourit Silt Ioarri, I	-3 % slopes (BIA)	, Hydric Incisulor	
Are climatic / nydrolog	gic conditions on tr	ne site typical for this time	or year?	adh a diadaadh a dO	Yes X No (if no, explain in Remarks)
Are Vegetation	<u> </u>	N or Hydrology	N significat	ntly disturbed?	Are Normal Circumstances present? Yes No X
Are vegetation		<u> </u>		problematic	(in necued, explain any answers in Remarks)
SUMMARY OF	FINDINGS	Attach site map sho	owing sampli	ing point loca	tions, transects, important features, etc.
Hydrophytic Vegetatio	n Present?	Yes	No	*X	Is the Sampled Area
Hydric Soil Present?		Yes X	No		within a Wetland? Yes X No
Wetland Hydrology P	resent?	Yes X	- <u>No</u>		If ves optional wetland site ID: W-1
Trollaria Liyarology I		100			
Remarks:	*Active agricult	ural field - corn planted t	his year which is	s stressed due to	wetness
	**Seasonal hydi	rology			
<b>VEGETATION</b> -	Use scientific	names for plants.			Sampling Point: T-2 DP-4 WTD
		Absolute %	Dominant	Indicator	
Tree Stratum (Plot siz	ze: 30'R	) Cover	Species	Status	Dominance Test Worksheet:
					Number of Dominant Species
1. <u>n/a</u>					That Are OBL, FACW, or FAC: 0 (A)
3					Total Number of Dominant
4.		_			Species Across All Strata: 1 (B)
5.					
6					Percent of Dominant Species
7			Total Cover		That Are OBL, FACW, or FAC: 0% (A/B)
		=			Prevalence Index Worksheet:
					Total % Cover of: Multiply by:
					OBL species x 1 =
Sapling/Shrub Stratu	n (Plot size:	15'R)			FACW species x 2 =
1. <u>n/a</u> 2			·		FAC species X 3 =
3.					UPL species x 5 =
4.					Column Totals: (A) (B)
5					
6					Prevalence Index B/A = <b>n/a</b>
<i>I</i>			Total Cover		Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Vegetation
					Dominance Test is >50%
					Prevalence Index is $\leq 3.0^{1}$
1 Zea mays	ze: 5'R	<u>)</u> 80%	v	IIPI	data in Remarks or on separate sheet)
2.		0070	<u> </u>		Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3.					
4.					
5					Indicators of hydric soil and wetland hydrology must
0 7					be present, unless disturbed of problematic.
8.		_			
9.					
10					
11					
13.					
14.					
		80% =	Total Cover		
Woody Vine Stratum	(Plot size: 30'R	)			
1. <u>n/a</u>					
2			·		Hydrophytic
4.			·		Vegetation
			= Total Cover		Present? Yes No *X
Remarks: (Include ob	oto numbers here	or on a senarate sheet )			l
Atypical situatuion -	corn is planted h	nere, but is stressed and	stunted due to v	vetness.	

#### Sampling Point: T-2 DP-4 WTD

Jepin	Matrix			Redox Featu	res		
iches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture Remarks
0-6	10YR 3/1	100%					si cl loam
6-12	10YR 3/1	95%	10YR 5/6	5%	с	М	silty clay
12-20	10YR 5/1	90%	10YR 5/6	10%	C	М	silty clay
							·
vno: C-Concentra	tion D-Doplation PM-Pad	upod Matrix, CS-	-Covered or Cost	ad Sand Crain	_	2	<sup>2</sup> Location: BL-Boro Lining M-Matrix
ype. C=Concentra		JCeu Matrix, CS=	Covered of Coal	eu Sanu Grains		!	
dric Soil Indicato	vrs:						Indicators for Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)			Sandy Gleyed Ma	ıtrix (S4)			Coast Prairie Redox (A16) (LRR,K,L,R)
Histic Epipedon	(A2)		Sandy Redox (S5	)			Dark Surface (S7) (LRR,K,L)
Black Histic (A3)	)		Stripped Matrix (S	\$6)			5 cm mucky peat or peat (S3) (LRR,K,L)
Hydrogen Sulfid	ie (A4)	L	Loamy Mucky Min	ieral (F1)			Iron-Manganese Masses (F12) (LRR,K,L,R)
Stratified Layers	; (A5)		_oamy Gleyea Ivia	atrix (F2)			Very Shallow Dark Surface (1F12)
2 Cm Much (Artu	)) Dork Surface (A11)	<u> </u>	Jepietea iviatrix (r	-3) 222 (E6)			Other (Explain in Remarks)
Thick Dark Surf:	Dalk Sunace (ATT)		Denleted Dark Su	ICE (1 0)			
Sandy Mucky M	lineral (S1)	F	Redox Depression	ns (F8)			
				,			
							<sup>3</sup> Indicators of hydrophytic evegetation and wetland
							hydrology must be present, unless disturbed or
							problematic.
strictive Layer (if	observed):					-	
Type: none							
Depth (inches):	n/a					Hyd	dric Soil Present? Yes X No
Depth (Inches):							
Depth (Inches):							
emarks: Hydri	c soil criterion is met.						
marks: Hydri	ic soil criterion is met.						
marks: Hydri	ic soil criterion is met.						
marks: Hydri	ic soil criterion is met.						
marks: Hydri	c soil criterion is met.						
marks: Hydri	c soil criterion is met.						
YDROLOGY	c soil criterion is met.						
YDROLOGY	ic soil criterion is met.						Secondary Indicators (minimum of two required)
YDROLOGY etland Hydrology imary Indicators (m	c soil criterion is met.						Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
YDROLOGY etland Hydrology imary Indicators (m	Indicators:	heck all that app	yly)	aves (89)			Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10)
VPDROLOGY /etland Hydrology /imary Indicators (m 	Indicators: hinimum of one is required; (A1) (A2)	heck all that app	المرابع Nater-Stained Lea Anuatic Fauna (B	aves (B9)			Secondary Indicators (minimum of two required)Surface Soil Cracks (B6)Drainage Patterns (B10)Dru-Seson Water Table (C2)
	Indicators: ninimum of one is required; of A1) le (A2)	heck all that app	չյ) Nater-Stained Lea Aquatic Fauna (Ba	aves (B9) 13)			Secondary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Cravitis Burrows (C8)

#### Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3) Stunted or Stressed Plants (D1) х Drift Deposits (B3) Presence of Reduced Iron (C4) Х Geomorphic Position (D2) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) Algal Mat or Crust (B4) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) X Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Field Observations: Surface Water Present? Yes No х Depth (inches): Water Table Present? Yes No Х Depth (inches): X Saturation Present? Yes No Depth (inches): Wetland Hydrology Present? Yes X No (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide: Remarks: Wetland hydrology criterion is met. Farmed wetland portion of W-1. Visible on most FSA slides and spring aerials.

					Franklin /
Project/Site: Looi	mis Road Parcels				City/County: Milwaukee Sampling Date: October 29, 2014
Applicant/Owner:	Bear Develop	ment, LLC			State: WI Sampling Point: 1-3 DP-5 UPL
Investigator(s):	Heather D. Pa	tti, PWS			Section, Township, Range: Section 30, 15N R21E
Landform (nillslope,	terrace, etc.):				Local relier (concave, convex, none): convex
Siope (%): 10%		Lat: See Figure 2	( learn 0.2% al	Long: See	Datum: See Figure 2
Soli Map Unit Name		Ashkum slity clay	/ ioam 0-2% si	opes (ASA), Hydrid	vvvvi Classification:
Are climatic / hydrol	logic conditions on	the site typical for this time of	of year?	and a distant side	Yes X No (if no, explain in Remarks)
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antiy disturbed?	Are Normal Circumstances present? Yes X No
Are vegetation		<u> </u>	<u> </u>	y problematic:	
SUMMARY OF	FINDINGS	<ul> <li>Attach site map sho</li> </ul>	owing samp	ling point loca	ations, transects, important features, etc.
Hydrophytic Vegeta	tion Present?	Yes X	No		Is the Sampled Area
Hydric Soil Present	?	Yes	No	х	within a Wetland? Yes No X
Wetland Hydrology	Present?	Yes	No	Х	If yes, optional wetland site ID: N/A
Remarks:	Does not mee	t all three wetland criteria.			
VEGETATION	- Use scientific	c names for plants.			Sampling Point: T-3 DP-5 UPL
Trop Strotum (Di-t	2010	Absolute %	Dominant	Indicator	Dominance Test Worksheet:
Thee Stratum (Plot s	SIZE JUK	) Cover	Species	Status	Number of Dominant Species
1. Fraxinus peni	nsylvanica	5%	Y	FACW	That Are OBL, FACW, or FAC: <b>4</b> (A)
2.					
3					Total Number of Dominant
4 5					Species Across All Strata:
6.					Percent of Dominant Species
7.					That Are OBL, FACW, or FAC: 57% (A/B)
		<u> </u>	Total Cover		
					Prevalence Index Worksheet:
					OBL species x 1 =
Sapling/Shrub Strat	um (Plot size:	15'R )			FACW species x 2 =
1. Rhus typhina		40%	Y	UPL	FAC species x 3 =
2. Cornus racem	iosa	20%	<u>Y</u>	FAC	FACU species x 4 =
3. Crataegus cru 4. Rhamnus cati	is galli hartica	10%	<u> </u>		$\begin{array}{c} \text{OPL species} \\ \text{Column Totals:} \\ \text{Column Totals:} \\ \begin{array}{c} \text{(A)} \\ \text{(B)} \\ \end{array}$
5.	nai tica	570		140	
6.					Prevalence Index B/A = n/a
7		700/	Tatal Osuan		Ibulandadia Vanatatian Indiastana
		/3% =	Total Cover		Rapid Test for Hydrophytic Vegetation
					Dominance Test is >50%
					Prevalence Index is $\leq 3.0^1$
Herb Stratum (Plot	size: 5'R	)			Morphological Adaptations <sup>1</sup> (Provide supporting
1. Fragaria virgi	niana	20%	<u>Y</u>	FACU	data in Remarks or on separate sheet)
2. Poa pratensis	nlex	10%	<u> </u>		
4. Spartina pect	inata	10%	Ŷ	FACW	
5. Gentiana and	rewsii	5%	N	FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
6. Lonicera x be	lla	5%	N	FACU	be present, unless disturbed or problematic.
7				·	
9.					
10.					
11.					
12.					
13					
		60% =	Total Cover		
Woody Vine Stratur	n (Plot size: 30'R	)			
4				·	
1. <u>n/a</u>					
3.					Hydrophytic
4.					Vegetation
			= Total Cover		Present? Yes X No
Remarks: (Include r	photo numbers ber	e or on a separate sheet )			l

Hydrophytic vegetation criterion is not met. Plant community is an upland shrub thicket with prairie understory.

# Sampling Point: T-3 DP-5 UPL

Pepth Matrix			Redox Featu	ires				
nches) Color (moist)	% Co	olor (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks
0-12 10YR 3/1	100%					si cl loam		
12-20 10YR 5/1	90%	10YR 5/6	10%	С	М	silty clay		
					-			
					-			
Type: C=Concentration, D=Depletion, RM=Rec	uced Matrix, CS=Cov	ered or Coat	ed Sand Grain	s.	2	Location: PL=Pore Li	ning, M=Matrix	
vdric Soil Indicators:						Indicators for F	roblematic Hydri	c Soils <sup>3</sup> :
Histosol (A1)	Sand	v Gleved Mat	trix (S4)			Coast P	rairie Redox (A16)	(LRR.K.L.R)
Histic Epipedon (A2)	Sand	y Redox (S5)	)			Dark Su	Inface (S7) (LRR,K	(,)
Black Histic (A3)	Stripp	ed Matrix (S	6)			5 cm m	ucky peat or peat (	S3)(LRR,K,L)
Hydrogen Sulfide (A4)	Loam	y Mucky Min	eral (F1)			Iron-Ma	nganese Masses (	F12) (LRR,K,L,R)
Stratified Layers (A5)	Loam	y Gleyed Ma	trix (F2)			Very Sh	allow Dark Surface	e (TF12)
2 cm Much (A10)	Deple	eted Matrix (F	-3)			Other (E	Explain in Remarks	5)
Depleted Below Dark Surface (A11)	Redo:	x Dark Surfa	ace (F6)					
Sandy Mucky Mineral (S1)	Deple	v Depression	nace (F7)					
		x Depression	13 (1 0)					
						<sup>3</sup> Indicators of hy	drophytic evegetat	tion and wetland
						hvdrology must	be present, unless	disturbed or
						problematic.		
estrictive Layer (if observed):								
Type: none								
Depth (inches): <b>n/a</b>					Hyd	ric Soil Present?	Yes	No X
emarks: Hydric soil criterion is not met.								

#### HYDROLOGY

Wetland Hydrology Indicato Primary Indicators (minimum	ors: of one is require	ed; check all	that appl	ly)		Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
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)			W A H O P R T I G O	Ater-Stained Leaves (B9) quatic Fauna (B13) rue Aquatic Plants (B14) lydrogen Sulfide Odor (C1) lxidized Rhizospheres on Living Roots (C3) resence of Reduced Iron (C4) ecent Iron Reduction in Tilled Soils (C6) hin Muck Surface (C7) iauge or Well Data (D9) ther (Explain in Remarks)	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	х	Depth (inches):		
Water Table Present?	Yes	No	х	Depth (inches):		
Saturation Present? (includes capillary fringe)	Yes	No	Х	Depth (inches):		Wetland Hydrology Present? Yes <u>No X</u>
Describe Recorded Data (stre	am daude mon	itoring well	aerial ph	notos previous inspections) if available:		
USGS topo map (Figure 1), WWI map (Figure 5), NOAA	1-foot contour 's AHPS map (	map (Figur Figure 6), L	e 2), NR .ocal WE	CS Soils Map (Figure 3), Aerial Maps fron ETS table, and FSA Crop Slide:	n 2000, 2005, 2	010, and 2013 (Figures 4A-D),
Remarks: Wetland hydr	ology criterion	is not met.				

					Franklin /	
Project/Site: Loom	is Road Parcels				City/County: Milwaukee	Sampling Date: October 29, 2014
Applicant/Owner:	Bear Developme	ent, LLC			State: WI	Sampling Point: T-3 DP-6 WID
Investigator(s):	Heather D. Patti,	PWS & Tina M. Myers, F	PWS		Section, Township, Range:	Section 30, T5N R21E
Landform (hillslope, t	terrace, etc.):	wetland depression			Local relief (concave, convex, none):	concave
Slope (%): 0%		Lat: See Figure 2		Long: Se	e Figure 2	Datum: See Figure 2
Soil Map Unit Name:		Ashkum silty clay	y loam 0-2% slo	opes (AsA), Hydri	c WWI Class	ification: E2K
Are climatic / hydrolo	gic conditions on th	e site typical for this time	of year?		Yes <u>X</u> No	(if no, explain in Remarks)
Are Vegetation	N Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances"	present? Yes X No
Are Vegetation	N Soil	N or Hydrology	<u>N</u> naturall	y problematic?	(if needed, explain any answe	ers in Remarks)
SUMMARY OF	FINDINGS A	Attach site map sho	owing samp	ling point loca	ations, transects, important fea	atures, etc.
Hydrophytic Vegetati	on Present?	Yes X	No		Is the Sampled Area	
Hvdric Soil Present?		Yes X	- No		within a Wetland?	Yes X No
Wetland Hydrology F	Present?	Yes X	- No		If ves, optional wetland site I	): <b>W-1</b>
					,,	
Remarks:						
VEGETATION -	Use scientific r	names for plants.				Sampling Point: T-3 DP-6 WTD
		Absolute %	Dominant	Indicator	Dominance Test Work	sheet.
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status		
1 = /=					Number of Dominant Sp	
2 1. 11/a		• •	·		That Are OBL, FACW, (	лгас. <u>з</u> (А)
3		· · · · · · · · · · · · · · · · · · ·			Total Number of Domin	ant
4.					Species Across All Stra	ta: <b>3</b> (B)
5.		·				
6.					Percent of Dominant Sp	pecies
7.					That Are OBL, FACW, o	or FAC: 100% (A/B)
		=	Total Cover			
					Prevalence Index Wor	ksheet:
						er or: Multiply by:
Conling/Chruh Ctrotu	m (Dist size)				OBL species	X1 =
1 Cornus alba	m (Plot size:	<u>15'R)</u> 10%	v	EACW	FAC species	X2=
2 Cornus racemo	222	10%	<u> </u>	FAC	FAC Species	X 3 =
3. Viburnum lenta	300	5%	 N	FAC		x5=
4. Rhamnus catha	artica	3%	N	FAC	Column Totals:	(A) (B)
5.						
6.					Prevalence Index	B/A = <b>n/a</b>
7.						
		28% =	Total Cover		Hydrophytic Vegetatio	on Indicators:
					Rapid Te	st for Hydrophytic Vegetation
					<u>X</u> Dominan	ce Test is >50%
Harb Stratum (Plat a		۱ ۱			Prevalen	Set index is $\leq 3.0$
1 Spartina pectir	ize. jr. nata	95%	Y	FACW	Morphole	Remarks or on separate sheet)
2. Carex stricta		10%	<u> </u>	OBL	Problema	atic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Juncus torreyi		5%	N	FACW		
4.						
5.					<sup>1</sup> Indicators of hydric so	il and wetland hydrology must
6.					be present, unless dis	lurbed or problematic.
7						
8		·				
9		·				
10.						
11		·				
12.		·				
14		·				
1-1.		110% =	Total Cover			
Woody Vine Stratum	(Plot size: 30'R	)				
		·				
1. <u>n/a</u>		·				
2		· · · · · · · · · · · · · · · · · · ·				
3		· · · · · · · · · · · · · · · · · · ·			Hydrophytic	
4		·	= Total Cover		vegetation Present?	Yes X No
Remarks: (Include pl	noto numbers here	or on a separate sheet.)			•	

Hydrophytic vegetation criterion is met. Plant community is a native wet meadow transitioning to shallow marsh.

# Sampling Point: T-3 DP-6 WTD

			Redox Featur	es			
Inches) Color (moist)	% Color	(moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-10 N 2.5/0	100%					muck	
10-20 10YR 5/1	<u>80% 10 Y</u>	′R 5/8	20%	С	M	silty clay	
					—		
	and Matrix CS-Covere	d or Costo	d Sand Grains			ocation: PL-Pore Lining M-Mat	riv
Hydric Soil Indicators:         Histosol (A1)         X         Histic Epipedon (A2)         Black Histic (A3)         Hydrogen Sulfide (A4)         Stratified Layers (A5)         2 cm Much (A10)         Depleted Below Dark Surface (A11)         Thick Dark Surface (A12)         Sandy Mucky Mineral (S1)	Sandy G Sandy R Stripped Loamy M Loamy C Depleted Redox D Depleted Redox D	leyed Matri edox (S5) Matrix (S6) lucky Mine ileyed Matri I Matrix (F3) Jark Surfac I Dark Surfac	ix (S4) ) iral (F1) irix (F2) 3) 29 (F6) ace (F7) 5 (F8)			Indicators for Problematic I Coast Prairie Redox Dark Surface (S7) (L 5 cm mucky peat or Iron-Manganese Mas Very Shallow Dark S Other (Explain in Red	Hydric Soils <sup>3</sup> : (A16) (LRR,K,L,R) RR,K,L) Deat (S3) (LRR,K,L) sses (F12) (LRR,K,L,R) urface (TF12) marks)
						<sup>3</sup> Indicators of hydrophytic evo hydrology must be present, u problematic.	egetation and wetland nless disturbed or
Restrictive Layer (if observed):							
Restrictive Layer (if observed): Type: <u>none</u>							

# HYDROLOGY

Wetland Hydrology Indicato Primary Indicators (minimum	ors: of one is required; c	neck all that a	pply)		Secondary Indicators (minimum of two required)	
Surface Water (A1)       Water-Stained Leaves (B9)         X High Water Table (A2)       Aquatic Fauna (B13)         X Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)					Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) X Geomorphic Position (D2) X FAC-Neutral Test (D5)	
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (stre	Yes Yes X Yes X	No X No No	Depth (inches): Depth (inches): Depth (inches): <b>0</b> " photos, previous inspections), if ava	ilable:	Wetland Hydrology Present? Yes X No	
USGS topo map (Figure 1), WWI map (Figure 5), NOAA Remarks: Wetland hydr	, 1-foot contour ma 's AHPS map (Figu ology criterion is n	o (Figure 2), re 6), Local net. Hydrope	NRCS Soils Map (Figure 3), Aerial WETS table, and FSA Crop Slide riod Is long - high water table main	Maps from 2000, 200	05, 2010, and 2013 (Figures 4A-D), he growing season.	

D : //0%					Franklin /	
Project/Site: Loom	nis Road Parcels				City/County: Milwaukee	Sampling Date: October 29, 2014
Applicant/Owner:	Bear Developn	nent, LLC			State: V	VI Sampling Point: 1-4 DP-7 UPL
Investigator(s):	Heather D. Pat	ti, PWS & Tina M. Myers, I	PWS		Section, Township, Range:	Section 30, T5N R21E
Clara (%):	terrace, etc.):				Local relief (concave, convex, none):	
Siope (%): 2-3%		Lat: See Figure 2	20/ alamaa (DI)	Long: See		
Son map Unit Name.		biount sitt ioam, i	-3% slopes (BIA	A), Hydric Incisuloi	Net Y Net	(if no surplain in Demonstrat)
Are climatic / hydroid		the site typical for this time	or year?	anthu diaturk ad 2		(If ho, explain in Remarks)
Are Vegetation	N Soil	*Y or Hydrology	N significa	v problematic?	Are Normal Circumstances	present? res <u> </u>
Are vegetation	<u> </u>	of Hydrology		y problematic:		
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point loca	tions, transects, important fe	eatures, etc.
Hydrophytic Vegetati	ion Present?	Yes X	No		Is the Sampled Area	
Hydric Soil Present?		Yes X	No		within a Wetland?	Yes No X
Wetland Hydrology F	Present?	Yes	– No	x	If yes, optional wetland site	ID: N/A
Bomorko	Doos not most	all three wetland criteria	- Significant his	torical alteration t	a hydrology avayyated pand which	has been present since
Remarks.	Does not meet	an three wetland chteria.	Significant his	*Problem soil d	to hydrology - excavated pond which	has been present since
	at least 1951 p			Froblem son - d		
<b>VEGETATION</b> -	Use scientific	names for plants.				Sampling Point: T-4 DP-7 UPL
		Absolute %	Dominant	Indicator	Deminence Test Wes	
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	Dominance rest wor	KSHEEL
	0.00rn0	00%	v	EAC	Number of Dominant S	Species
2.	ocarpa	90 %		FAC	mat Ale OBL, FACW,	, 01 FAC. <u>4</u> (A)
3.					Total Number of Domi	inant
4.					Species Across All Str	rata: <u>4</u> (B)
5		· · · · · · · · · · · · · · · · · · ·				
6 7					That Are OBL FACW	or FAC: 100% (A/B)
··		90% =	Total Cover		matrice obe, more,	
					Prevalence Index Wo	orksheet:
					Total % Co	over of: Multiply by:
Sopling/Shrub Stratu	m (Plot cizo:	15'D \			OBL species	X1 =
1. Rhamnus cath	artica	<u>100%</u>	Y	FAC	FAC species	x 2 = x 3 =
2. Lonicera x bell	la	20%	N	FACU	FACU species	x 4 =
3.					UPL species	x 5 =
4		· · · · · · · · · · · · · · · · · · ·			Column Totals:	(A) (B)
5					Prevalence Inde	PX B/A = n/a
7.						
		120% =	Total Cover		Hydrophytic Vegetat	ion Indicators:
					Rapid T	est for Hydrophytic Vegetation
					<u>X</u> Domina	nce lest is $>50\%$
Herb Stratum (Plot si	ize: 5'R	)			Morpho	logical Adaptations <sup>1</sup> (Provide supporting
1. Alliaria petiola	ta	30%	Y	FAC	data ir	n Remarks or on separate sheet)
2. Rhamnus cath	artica	20%	<u>Y</u>	FAC	Problem	natic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Cornus alba	iana	5%	<u> </u>	FACU		
5. Geum canader	ise	5%	<u> </u>	FAC	<sup>1</sup> Indicators of hydric s	soil and wetland hydrology must
6.					be present, unless di	sturbed or problematic.
7.						
8						
10.		· · · · · · · · · · · · · · · · · · ·				
11.						
12.						
13		· · · · · · · · · · · · · · · · · · ·				
14		65% =	Total Cover			
Woody Vine Stratum	(Plot size: 30'R	)				
1. <i>n/a</i>						
2.						
3.					Hydrophytic	
4		· <u> </u>	Tatal O		Vegetation	Vec V N-
			= Total Cover		Present?	
Remarks: (Include pl	hoto numbers here	e or on a separate sheet.)			•	

Hydrophytic vegetation criterion is met. Plant community is a mature oak forest with a dense buckthorn understory. Dominant species are all FAC which occur in both uplands and wetlands.

# Sampling Point: T-4 DP-7 UPL

Depth	Matrix			Redox Featu	ires				
nches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks	
0-5	10YR 3/1	100%					si cl loam		
5-20	10YR 4/1	90%	10YR 5/8	10%	С	М	silty clay	gravel present	
<u> </u>									
Type: C=Concentration, D=I	Depletion, RM=Redu	uced Matrix, CS	=Covered or Coa	ted Sand Grair	s.	2	Location: PL=Pore	Lining, M=Matrix	
lydric Soil Indicators:							Indicators for	Problematic Hydric Soils <sup>3</sup> :	
Histosol (A1)			Sandy Gleyed Ma	atrix (S4)			Coast	Prairie Redox (A16) (LRR,K,L,R)	
Histic Epipedon (A2)			Sandy Redox (St	) 26)			Dark :	Surface (S7) (LRR,K,L)	
Hydrogen Sulfide (A4)			Sinpped Mainx (3	50) neral (F1)			5 cm	Manganese Masses (F12) (LRR, K, L)	
Stratified Lavers (A5)			Loamy Gleved M	atrix (F2)			Verv	Shallow Dark Surface (TF12)	
2 cm Much (A10)		x	Depleted Matrix (	F3)			Other	(Explain in Remarks)	
Depleted Below Dark Su	Irface (A11)		Redox Dark Surf	ace (F6)			0.0.0		
Thick Dark Surface (A12	:)		Depleted Dark Su	urface (F7)					
Sandy Mucky Mineral (S	1)		Redox Depressio	ns (F8)					
							<sup>3</sup> Indicators of	hydrophytic evegetation and wetland	
							problematic.		
estrictive Layer (if observ	ed):								
Type: none						Hyd	Iric Soil Present?	Yes X No	
Type: <u>none</u> Depth (inches): <u>n/a</u>									

# HYDROLOGY

Wetland Hydrology Indicato Primary Indicators (minimum	r <b>s:</b> of one is required; c	check all	l that apply	y)	Secondary Inc Sur	<u>dicators (minimum of two require</u> d) rface Soil Cracks (B6)	
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 Aei Sparsely Vegetated Com	rial Imagery (B7) cave Surface (B8)		W     Acc     Tr     Hy     O2     Pr     Re     C     C     C     O	Dranage 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? Water Table Present?	Yes	No No	x x	Depth (inches):	Wedned by	Halam Present? Yes No.	
Saturation Present? (includes capillary fringe)	Yes	NO	<u>×</u>	Depth (inches):	wetland Hyd	Irology Present? Yes No	<u> </u>
Describe Recorded Data (stre USGS topo map (Figure 1), WWI map (Figure 5), NOAA Remarks: Wetland hydr	am gauge, monitori 1-foot contour ma 's AHPS map (Figi  ology criterion is r	ing well, ıp (Figur ure 6), I not met.	aerial pho re 2), NR( Local WE	otos, previous inspections), if available: CS Soils Map (Figure 3), Aerial Maps from TS table, and FSA Crop Slide:	2000, 2005, 2010, and 2013 (Figu	res 4A-D),	

	o Dood Deveolo				Franklin /	or 20, 2014
Applicant/Owner:	S Koad Farcels				City/County: Milwaukee Sampling Date. Octor	
Applicativowner.	Losthor D Patti	DWC & Ting M Myore F	NA/Q		Section Township Pange: Section 30 T5N R21	g Point. 1-4 DF-0 1110
Investigator(s).	Prrace etc.);	wetland depression	W3		ocal relief (concave convex, none): concave	E
Slope (%): 0%	511400, 510.7.	Lat: See Figure 2		Lona: See	Figure 2 Datum: See F	iqure 2
Soil Map Unit Name:		Blount silt loam, 1-	3% slopes (BIA	.). Hydric Inclsuion	s WWI Classification:	WOHx
Are climatic / hydrolog	aic conditions on th	ne site typical for this time of	of year?	<i></i>	Yes X No (if no, explain in Rem	arks)
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances" present?	Yes X No
Are Vegetation	N Soil	N or Hydrology	*Y naturally	y problematic?	(if needed, explain any answers in Remarks)	
SUMMARY OF F	FINDINGS	Attach site map sho	wing samp	ling point locat	ions, transects, important features, etc.	
Hydrophytic Vegetatic	on Present?	Yes X	No		Is the Sampled Area	
Hydric Soil Present?		Yes X	No		within a Wetland? Yes	<b>X</b> No
Wetland Hydrology Pr	resent?	Yes X	No		If yes, optional wetland site ID: W-2	
Remarks:	*Seasonal hydro	ology			•	
VEGETATION -	Use scientific I	names for plants.	Dominant	Indicator	Sampling F	Point: T-4 DP-8 WTD
Tree Stratum (Plot siz	:e: 30'R	) Cover	Species	Status	Dominance Test Worksheet:	
					Number of Dominant Species	•
1. Quercus macro	carpa	10%	<u>Y</u>	FAC	That Are OBL, FACW, or FAC:	<u>3</u> (A)
3.					Total Number of Dominant	
4.					Species Across All Strata:	3 (B)
5					Percent of Dominant Species	
7.					That Are OBL, FACW, or FAC: 10	<b>00%</b> (A/B)
		10% =	Total Cover			
					Prevalence Index Worksheet:	Multiply by:
					OBL species x 1 =	Walapiy by.
Sapling/Shrub Stratur	n (Plot size:	15'R)			FACW species x 2 =	
1. Rhamnus catha	rtica	20%	Y	FAC	FAC species x 3 =	
2					FACU species x 4 =	
3 4.					Column Totals: (A)	(B)
5.						
6					Prevalence Index B/A =	n/a
7		20% =	Total Cover		Hydrophytic Vegetation Indicators:	
					Rapid Test for Hydrophytic Vege	etation
					X Dominance Test is >50%	
l la de Otraduna (Diataia		,			Prevalence Index is ≤ 3.0 <sup>1</sup>	, ida a companyation a
1 Phalaris arundi	ie: 5'K nacea	)	Y	FACW	data in Remarks or on separat	vide supporting e sheet)
2.	hubbu	100 / 1	<u> </u>	14011	Problematic Hydrophytic Vegeta	tion <sup>1</sup> (Explain)
3.						
4					1 la diseñen eñ buddis e sit eo duustien d'hudeste e	
56					he present unless disturbed or problematic	y must
7.						
8.						
9						
10						
12.						
13.						
14		400%	Tatal Cavar			
		100% =	l otal Cover			
Weed with the other trans		``				
woody vine Stratum	(Plot size: 30'R	)				
1. <i>n/a</i>						
2						
3					Hydrophytic Vegetation	
4			= Total Cover		Present? Yes X	No
Demostra: (Incl. 1	ata number 1					
Remarks: (Include phe Hydrophytic vegetat	oto numbers here ion criterion is m	or on a separate sheet.) et. Plant community is a	degraded fres	h (wet) meadow frii	nge along an excavated pond.	

# Sampling Point: T-4 DP-8 WTD

	IVIALITX			Redox real	Jres				
ches)	Color (moist)	%	Color (moist)	%	Type'	Loc <sup>2</sup>	Texture	Rema	arks
0-2	10YR 3/1	100%					si cl loam		
2-10	10YR 3/1	90%	10 YR 5/6	10%	СС	М	silty clay		
10-20	10YR 4/1	70%	10YR 5/8	30%	C	М	silty clay	gravel present	
		$\equiv$							
Type: C=Concentration	, D=Depletion, RM=Red	uced Matrix, CS:	=Covered or Coa	ted Sand Grair	 IS.		Location: PL=Pore I	Lining, M=Matrix	
vdric Soil Indicators:							Indicators for	Problematic Hydric Soils	3.
Histosol (A1)			Sandy Gleved Ma	atrix (S4)			Coast	Prairie Redox (A16) /I RR	 KIR)
Histic Epipedon (A2	)		Sandy Redox (S5	5)			Dark S	Surface (S7) (LRR.K.L)	к, <b>с</b> ,ку
Black Histic (A3)	,		Stripped Matrix (S	56)			5 cm m	nucky peat or peat (S3) (LR	RR,K,L)
Hydrogen Sulfide (A	4)		Loamy Mucky Mi	neral (F1)			Iron-M	anganese Masses (F12) (L	.RR,K,L,R)
Stratified Layers (A	5)		Loamy Gleyed M	atrix (F2)			Very S	hallow Dark Surface (TF12	2)
2 cm Much (A10)		<u>X</u>	Depleted Matrix (	F3)			Other (	(Explain in Remarks)	
Depleted Below Dat	k Surface (A11)	<u></u>	Redox Dark Surf	ace (F6)					
Sandy Mucky Minor	(A12) al (S1)		Depleted Dark St Pedex Depressio	Ifface (F7)					
	ai (01)		Neuox Depressio	113 (FO)					
							<sup>3</sup> Indicators of h hydrology must problematic.	ydrophytic evegetation and t be present, unless disturb	d wetland bed or
estrictive Layer (if ob Type: none	served):								
Depth (inches): n	'a					Hvo	dric Soil Present?	Yes X	No
						.,-			

# HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)		
Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Drainage Patterns (B10)         Dry-Season Water Table (C2)         Crayfish Burrows (C8)         Saturation Visible on Aerial Imagery (C9)         Stunted or Stressed Plants (D1)         X       Geomorphic Position (D2)         X       FAC-Neutral Test (D5)		
Field Observations:       Surface Water Present?       Yes       No       X       Depth (inches):       17"         Sutartation Present?       Yes       X       No       Depth (inches):       17"         Saturation Present?       Yes       X       No       Depth (inches):       13"         Use crack and the present?       Yes       X       No       Depth (inches):       13"         Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:       USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000       2000         WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:       2000	Wetland Hydrology Present? Yes <u>X</u> No , 2005, 2010, and 2013 (Figures 4A-D),		

						Franklin /			
Project/Site: Loom	nis Road Parcels				City/Cou	nty: Milwaukee	Samplin	g Date: October 29,	2014
Applicant/Owner:	Bear Developm	nent, LLC				State:	WI	Sampling Point:	: T-5 DP-9 UPL
Investigator(s):	Heather D. Patt	ti, PWS			Se	ection, Township, Range:	Section	n 30, T5N R21E	
Landform (hillslope, t	terrace, etc.):	backslope			Local relief (	(concave, convex, none)	slightly	/ convex	
Slope (%): 10%		Lat: See Figure 2		Long: Se	ee Figure 2			Datum: See Figure 2	2
Soil Map Unit Name:		Morley silt loam	2-6% slopes (I	MzdB), Non-hydri	ic	WWI C	lassification:	nc	one
Are climatic / hydrolo	gic conditions on t	the site typical for this time	of year?		Yes	<u>X</u> No	(if no, e	xplain in Remarks)	
Are Vegetation	<u>*Y</u> Soil	N or Hydrology	<u>N</u> signific	antly disturbed?	A	Are "Normal Circumstanc	es" present?	Yes	. No X
Are Vegetation	N Soil	N or Hydrology	N natural	y problematic?	(	if needed, explain any ar	nswers in Rer	marks)	
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point loc	cations, tra	insects, important	features,	, etc.	
Hvdrophytic Vegetati	ion Present?	Yes	No	х		s the Sampled Area			
Hydric Soil Present?		Yes	No	<u> </u>	v	vithin a Wetland?		Yes	No X
Wetland Hydrology P	Present?	Yes	No	<u> </u>	li	f ves. optional wetland si	te ID:	N/A	
Trought for the second s									
Remarks:	*Active corn fie None of the we	eld - corn is healthy, no cr etland critera have been m	op stress et.						
VEGETATION -	Use scientific	names for plants.						Sampling Point:	T-5 DP-9 UPL
		Absolute %	Dominant	Indicator		Dominanaa Taat M	/orkchoot:		
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status		Dominance Test w	/orksneet:		
1. <u>n/a</u>						Number of Dominar That Are OBL, FAC	nt Species W, or FAC:	0	(A)
3						Total Number of Do	minant		
4.						Species Across All	Strata:	1	(B)
5.									. ,
6.						Percent of Dominar	nt Species		
7			<u></u>			That Are OBL, FAC	W, or FAC:	0%	(A/B)
		=	Total Cover			Provalence Index	Norkshoot		
						Total %	Cover of	Multir	olv by:
						OBL species	00101 011	x 1 =	<u></u>
Sapling/Shrub Stratu	ım (Plot size:	15'R )				FACW species		x 2 =	
1. <u>n/a</u>						FAC species		x 3 =	
2						FACU species		x 4 =	
3						UPL species		x 5 =	
4						Column Totals:		(A)	(B)
5						Provalence In	dox B/A -	n/a	
7						r levalence in	UEX D/A -	11/4	
		=	Total Cover			Hydrophytic Vege	tation Indica	itors:	
						Rapio	d Test for Hyd	drophytic Vegetation	
						Domi	nance Test is	s >50%	
						Preva	alence Index	is ≤ 3.0 <sup>1</sup>	
Herb Stratum (Plot si	ize: 5'R	<u>)</u>				Morp	hological Ada	aptations <sup>1</sup> (Provide su	pporting
1. Zea mays		100%	Y	UPL		dat	a in Remarks	or on separate sheet	t)
2						Probl	ematic Hydro	ophytic Vegetation' (E	xplain)
3 4									
5.						<sup>1</sup> Indicators of hydri	c soil and we	tland hydrology must	
6.						be present, unless	disturbed or	problematic.	
7.									
8.									
9.									
10									
11.									
12.									
13									
····		100% =	Total Cover						
Woody Vine Stratum	(Plot size: 30'R	)							
4									
1. <u>n/a</u>									
3						Hydronhytic			
4.						Vegetation			
			= Total Cover			Present?	Yes	No	x
Remarks: (Include pr	noto numbers here	e or on a separate sheet.)							
Hydrophytic vegeta	tion criterion is n	not met. No crop stress of	bserved.						

### Sampling Point: T-5 DP-9 UPL

Depth	Matrix			Redox Feat	ures			
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture Remarks	
0-10	10YR 3/1	100%	· · · · ·				si cl loam	
10-13	10YR 3/1	90%	10YR 5/6	10%	С	м	si cl loam	
13-20	10YR 5/3	85%	10YR 5/6	15%	С	м	silty clay	
							<u>,</u>	,
				·	·			
				·	·			
Type: C=Concentra	ation, D=Depletion, RM=Redu	uced Matrix, CS=	Covered or Coa	ted Sand Grair	IS.	2	Location: PL=Pore Lining, M=Matrix	
lydric Soil Indicate	ors:						Indicators for Problematic Hydric Soils <sup>3</sup> :	
Histosol (A1)		S	Sandy Gleyed Ma	atrix (S4)			Coast Prairie Redox (A16) (LRR,K,L,R)	
Histic Epipedon	(A2)		Sandy Redox (S5	5)			Dark Surface (S7) (LRR,K,L)	
Black Histic (A3	3)		Stripped Matrix (S	66)			5 cm mucky peat or peat (S3)(LRR,K,L)	
Hydrogen Sulfic	de (A4)	L	oamy Mucky Mir	neral (F1)			Iron-Manganese Masses (F12) (LRR,K,L,R)	
Stratified Layers	s (A5)	L	oamy Gleyed Ma	atrix (F2)			Very Shallow Dark Surface (TF12)	
2 cm Much (A10	0)		Depleted Matrix (	F3)			Other (Explain in Remarks)	
Depleted Below	Dark Surface (A11)	F	Redox Dark Surf	ace (F6)				
Thick Dark Surf	ace (A12)	r	Depleted Dark Si	urface (F7)				
Sandy Mucky M	lineral (S1)	F	Redox Depressio	ns (F8)				
							2	
							<sup>3</sup> Indicators of hydrophytic evegetation and wetland	
							hydrology must be present, unless disturbed or	
							problematic.	
Restrictive Laver (if	f observed):							
Type: none	,-							
Depth (inches):	n/a					Hyd	dric Soil Present? Yes No X	
Remarks: Hydri	ic soil criterion is not met.							
HYDROLOGY								

Wetland Hydrology Indicate	ors:					Secondary Indicators (minimum of two required)					
Primary Indicators (minimum	of one is require	ed; check a	I that a	oply)		Surface Soil Cracks (B6)					
Surface Water (A1)				Water-Stained Leaves (B9)		Drainage Patterns (B10)					
High Water Table (A2)				Aquatic Fauna (B13)		Dry-Season Water Table (C2)					
Saturation (A3)		-		True Aquatic Plants (B14)		Crayfish Burrows (C8)					
Water Marks (B1)		•		Hydrogen Sulfide Odor (C1)		Saturation Visible on Aerial Imagery (C9)					
Sediment Deposits (B2)		-		Oxidized Rhizospheres on Living Roots (C3)		Stunted or Stressed Plants (D1)					
Drift Deposits (B3)		-		Presence of Reduced Iron (C4)		Geomorphic Position (D2)					
Algal Mat or Crust (B4)				Recent Iron Reduction in Tilled Soils (C6)		FAC-Neutral Test (D5)					
Iron Deposits (B5)		-		Thin Muck Surface (C7)							
Inundation Visible on Ae	rial Imagery (B7	')		Gauge or Well Data (D9)							
Sparsely Vegetated Cor	ncave Surface (E	38)		Other (Explain in Remarks)							
		-									
Field Observations:											
Surface Water Present?	Yes	No	х	Depth (inches):							
Water Table Present?	Yes	No	Х	Depth (inches):							
Saturation Present? (includes capillary fringe)	Yes	No	Х	Depth (inches):		Wetland Hydrology Present? Yes N	0 <u>X</u>				
Describe Recorded Data (str		nitoring well	aorial	nhotos, previous inspections), if available:							
USGS tone man (Figure 1)	1 foot contour	mon (Figu		JPCS Soils Man (Figure 2) Agrial Mans from	- 2000 2005 2010	and 2012 (Figures 4A D)					
WWI man (Figure 5) NOA	, 1-1001 Contour Δ's ΔΗΡS man (	Figure 6)	l ocal V	NETS table and ESA Cron Slides	11 2000, 2005, 2010	, and 2015 (Figures 4A-D),					
	(3 Ani 0 map (	i igure oj,	Local	TE to table, and tok orop blide.							
Remarks: Wetland hyd	rology criterion	is not met	. No in	dication of consistent wetness on FSA crop	slides or aerials.						

D : //0:/				Franklin /	
Project/Site: Loom	S Road Parcels			City/County: Milwaukee Sampling Date: October A	29, 2014
Applicant/Owner:	Bear Developme	ent, LLC		State: WI Sampling Po	oint: T-5 DP-10 WID
Investigator(s):	Heather D. Patti	, PWS		Section, Township, Range: Section 30, T5N R21E	
Landform (nillslope, te	errace, etc.):	wetland depression		Local relief (concave, convex, none): concave	
Slope (%): 0%		Lat: See Figure 2	Long: See	Figure 2 Datum: See Figure	re 2
Soil Map Unit Name:		Morley silt loam	2-6% slopes (MZdB), Non-hydric		EIK
Are climatic / hydrolog	gic conditions on th	e site typical for this time o	of year?	Yes X No (if no, explain in Remarks	5)
Are Vegetation	<u>*Y</u> Soil	N or Hydrology	N significantly disturbed?	Are "Normal Circumstances" present?	Yes No_X
Are Vegetation	<u>N</u> Soil	<b>N</b> or Hydrology	**Y naturally problematic?	(if needed, explain any answers in Remarks)	
SUMMARY OF	INDINGS /	Attach site map sho	wing sampling point locat	tions, transects, important features, etc.	
Hydrophytic Vegetatic	on Present?	Yes X	No	Is the Sampled Area	
Hydric Soil Present?		Yes X	No	within a Wetland? Yes X	No
Wetland Hydrology P	resent?	Yes X	No	If yes optional wetland site ID: W-2	
fredana rijarelegj r					
Remarks:	*Farmed portion **Seasonal hydr	of W-2 - no crops in this ology	area due to spring wetness.		
VEGETATION -	Use scientific r	names for plants.		Sampling Poin	t: <b>T-5 DP-10 WTD</b>
		Absolute %	Dominant Indicator	Dominance Test Worksheet:	
Tree Stratum (Plot siz	:e: 30'R	) Cover	Species Status	Number of Dominant Species	
1. <u>n/a</u> 2.		. <u> </u>	<u></u>	That Are OBL, FACW, or FAC:	(A)
3.				Total Number of Dominant	
4				Species Across All Strata: 3	(B)
5		- <u> </u>		Bereast of Dominant Species	
7.		·	Total Cover	That Are OBL, FACW, or FAC: 67%	(A/B)
		=		Prevalence Index Worksheet:	
				Total % Cover of: M	ultiply by:
				OBL species x 1 =	
Sapling/Shrub Stratur	n (Plot size:	15'R)		FACW species x 2 =	
1. Salix interior		10%	Y FACW	FAC species x 3 =	
2		·		FACU species X 4 =	
3 4		·		Column Totals: (A)	(B)
5.					(2)
6.				Prevalence Index B/A =	/a
/		10% =	Total Cover	Hydrophytic Vegetation Indicators:	
				Rapid Test for Hydrophytic Vegetation	on
				X Dominance Test is >50%	
				Prevalence Index is $\leq 3.0^{1}$	
Herb Stratum (Plot siz	ze: 5'R			Morphological Adaptations' (Provide	e supporting
2 Portulaça grand	ntus liflora	10%		data In Remarks of on separate sr	ieet) (Explain)
3.	lillora	1078			
4.					
5.				<sup>1</sup> Indicators of hydric soil and wetland hydrology m	lust
6				be present, unless disturbed or problematic.	
7		·			
8 9		·			
10.		·			
11.		·			
12.					
13					
14		209/	Tatal Cavar		
		20% =	Total Cover		
Woody Vine Stratum	(Plot size: 30'R	)			
1. <u>n/a</u>		- <u> </u>			
2				Hudronk	
3 4		·		Hydrophylic Vegetation	
		- <u> </u>	= Total Cover	Present? Yes X	No
Remarks: (Include ph Atypical situatuion -	oto numbers here Farmed wetland,	or on a separate sheet.) but no crop growing pre	sumably due to spring wetness -	mostly bare ground.	

### Sampling Point: T-5 DP-10 WTD

(inchee)	Calar (maint)	0/	Color (moint)		Tune <sup>1</sup>	1 aa <sup>2</sup>	Taydura	Demostra
		70	Color (moist)	- 70	Type	LOC		Remarks
0-6	1018 3/1	100%						
6-12	10YR 3/1	90%	10YR 5/6	10%	<u> </u>	M	si ci loam	
12-20	10YR 5/2	80%	10YR 5/6	20%	СС	м	silty clay	
when C-Concentry	ation D-Doplation PM-Roduc	ad Matrix CS-	Covered or Cost	od Sond Crain	_	2	Loootion: PL – Poro Lining	M_Motriv
		eu mailix, US=	Covered of Coat	eu Sanu Grains	э.			y, wi-widilix
dric Soil Indicate	ors:	-					Indicators for Prob	ematic Hydric Soils":
Histosol (A1)	(10)		Sandy Gleyed Ma	itrix (S4)			Coast Prairi	ie Redox (A16) (LRR,K,L,R)
Histic Epipedor	1 (A2)		Sandy Redox (S5				Dark Surrac	(C7) (LKK,K,L)
	5) do (A4)		oomy Musky Mir	porol (E1)			5 cm mucky	pear of pear (53)(LRR,R,L)
Hydrogen Suind			oamy Cloved M	terar (F1)			Iron-Manga	Mese Masses (F12) (LRR, R, L, R)
Stratilied Layer	S (A5)	;	Oarriy Gleyed Wa	aurix (FZ)			Other (Evel	w Dark Surface (TFT2)
2 cm Much (AT	U) v Dark Surface (A11)	<u> </u>	Depleted Matrix (I	г <i>э)</i> гаа (ГС)				ain in Remarks)
		<u> </u>	Cedux Dark Sun					
I Nick Dark Sur	face (A12)		Depleted Dark Su	Inace (F7)				
Sandy Mucky N	Alineral (S1)	r	Redox Depression	ns (F8)				
							<sup>3</sup> Indicators of hydrop	phytic evegetation and wetland
							hydrology must be p	present, unless disturbed or
							problematic.	
	· · · · · · · · · · · · · · · · · · ·							
Type: none	if observed):							
Type. Tone	¢							
Depth (inches):	n/a					нуа	ric Soil Present?	Yes X No
emarks: Hydr	ric soil criterion is met.							
IYDROLOGY								
/etland Hydrology	y Indicators:						Secondary	Indicators (minimum of two required)
rimary Indicators (I	minimum of one is required; ch	eck all that app	ly)				X S	Surface Soil Cracks (B6)
Surface Water	(A1)		Vater-Stained Le	aves (B9)		_	r	Drainage Patterns (B10)
High Water Tek	ole (A2)	;	quatic Found (P	13)			L	nr-Season Water Table (C2)
		^/	rue Aquatia Plan	13) ate (B14)			L	raufish Burrows (C8)
Saturation (A3)		!	Tue Aquatic Plan	(D14)				Diaynsii Dullows (CO)
vvater Marks (E	51) 	ŀ	iyarogen Sulfide	Udor (C1)			<u>x</u>	saturation Visible on Aerial Imagery (C9)
Sediment Depo	osits (B2)	(	vxidized Rhizosp	neres on Living	Roots (C3)		<u> </u>	stunted or Stressed Plants (D1)
Drift Deposits (	B3)	F	resence of Redu	iced Iron (C4)			<u> </u>	eomorphic Position (D2)
Algal Mat or Cr	ust (B4)	F	Recent Iron Redu	ction in Tilled S	Soils (C6)		<u> </u>	AC-Neutral Test (D5)
		_		(0-)				

Primary Indicators (minimum of	of one is required	l; check all	that ap	ply)	-	Х	Surface Soil Cracks (B6)
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 Aer X Sparsely Vegetated Conc	ial Imagery (B7) ave 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)		X X X X	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? Water Table Present? Saturation Present? includes capillary fringe] Describe Recorded Data (stre USGS topo map (Figure 1), WWI map (Figure 5), NOAA	Yes Yes Yes am gauge, monit 1-foot contour r s AHPS map (Fi	No No No toring well, map (Figur igure 6), L	X X aerial p re 2), N Local W	Depth (inches): Depth (inches): Depth (inches): bhotos, previous inspections), if available: RCS Soils Map (Figure 3), Aerial Maps from 20 JETS table, and FSA Crop Slide:	00, 2005, 2010, and	Wetlan d 2013	nd Hydrology Present? Yes <u>X</u> No (Figures 4A-D),

Remarks: Wetland hydrology criterion is met. Farmed wetland portion of W-2. Visible on most FSA slides and spring aerials.

					Franklin /	
Project/Site: Loon	nis Road Parcels				City/County: Milwaukee Sampling Date: October 29, 2014	
Applicant/Owner:	Bear Developr	nent, LLC			State: WI Sampling Point: T-6 DP-11 UP	L
Investigator(s):	Heather D. Pat	ti, PWS			Section, Township, Range: Section 30, T5N R21E	
Landform (hillslope,	terrace, etc.):	backslope			Local relief (concave, convex, none): slightly convex	
Slope (%): 10%		Lat: See Figure 2		Long: See	Datum: See Figure 2	
Soil Map Unit Name	:	Elliott silt loam 1-3	3% slopes (AsA	A), Hydric Inclusio	www.classification: none	
Are climatic / hydrold	ogic conditions on	the site typical for this time	of year?		Yes X No (if no, explain in Remarks)	
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances" present? Yes X No	
Are vegetation	<u>N</u> 301		<u>n</u> natural	ly problematic?	(in needed, explain any answers in remains)	
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point loca	ations, transects, important features, etc.	
Hydrophytic Vegetat	ion Present?	Yes	No	x	Is the Sampled Area	
Hydric Soil Present?		Yes	- No	<u> </u>	within a Wetland? Yes No X	
Wetland Hydrology	Present?	Yes	No	x	If yes, optional wetland site ID: N/A	
Pomorko:	Doos not most	all any of the three wetler	-			
Remarks.	Does not meet	an any of the three wettal	la criteria.			
VEGETATION ·	<ul> <li>Use scientific</li> </ul>	names for plants.			Sampling Point:	JPL
		Absolute %	Dominant	Indicator	Dominanco Test Workshoot	
Tree Stratum (Plot s	ize: 30'R	) Cover	Species	Status		
1 Eravinus nonn	sylvanica	30%	v	EACW	Number of Dominant Species	
2.	Sylvanica		<u> </u>	1401		
3.					Total Number of Dominant	
4.					Species Across All Strata: 6 (B)	
5					Decent of Deminent Chapies	
0 7					That Are OBL. FACW. or FAC: 50% (A/B)	
		30% =	Total Cover		(+_)	
					Prevalence Index Worksheet:	
					Total % Cover of: Multiply by:	
Sapling/Shrub Stratu	ım (Plot size:	15'R )			FACW species $30 \times 2 = 30$	
1. Rhamnus cath	artica	80%	Y	FAC	FAC species 90 x 3 = 270	
2. Lonicera tatari	ica	40%	Y	FACU	FACU species <b>70</b> x 4 = <b>280</b>	
3					UPL species $0 \times 5 = 0$	
4 5		· · · · · · · · · · · · · · · · · · ·			$\frac{190}{(A)}$	
6.					Prevalence Index B/A = 3.1	
7.						
		120% =	Total Cover		Hydrophytic Vegetation Indicators:	
					Rapid Test for Hydrophytic Vegetation	
					Prevalence Index is $\leq 3.0^{1}$	
Herb Stratum (Plot s	ize: 5'R	)			Morphological Adaptations <sup>1</sup> (Provide supporting	
1. Poa pratensis		20%	<u>Y</u>	FACU	data in Remarks or on separate sheet)	
2. Sympnyotrich	um pilosum	10%	<u> </u>	FAC		
4.	na	1070	<u> </u>	1400		
5.					<sup>1</sup> Indicators of hydric soil and wetland hydrology must	
6					be present, unless disturbed or problematic.	
7 8		·				
9.		·				
10.						
11						
12.		·				
13		·				
		40% =	Total Cover			
Woody Vine Stratum	(Plot size: 30'R	)				
	,	<u>`</u>				
1. Vitis riparia		3%	N	FACW		
2					Hudrophytia	
3 4		·			Vegetation	
		3%	= Total Cover		Present? Yes No X	
Demoster (Incl. 1						

Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. Plant community is an upland shrub thicket including many non-native aggressive species.
## SOIL

## Sampling Point: T-6 DP-11 UPL

Depth	(Describe to the depth nee Matrix	eded to docum	ient the indicato	Redox Feat	ne absence o ures	of indicato	ors.)	
(inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture Remarks	
0-10	10YR 3/1		· · · · · · · · · · · · · · · · · · ·				si cl loam	
10-13	10YR 3/1	95%	7.5YR 4/6	5%	С	м	si cl loam	
13-20	10YR 5/2	90%	10YR 5/6	10%	С	м	silty clay	
· ·					·			
					·			
·								
				1				
<sup>1</sup> Type: C=Concentratio	on, D=Depletion, RM=Reduc	ced Matrix, CS	Covered or Coat	ed Sand Grair	IS.	2	Location: PL=Pore Lining, M=Matrix	
Hydric Soil Indicators	s:						Indicators for Problematic Hydric Soils <sup>3</sup> :	
Histosol (A1)			Sandy Gleyed Ma	trix (S4)			Coast Prairie Redox (A16) (LRR,K,L,R)	
Histic Epipedon (A	A2)		Sandy Redox (S5	)			Dark Surface (S7) (LRR,K,L)	
Black Histic (A3)	( )		Stripped Matrix (S	6)			5 cm mucky peat or peat (S3)(LRR,K,L)	
Hydrogen Sulfide	(A4)	!	Loamy Mucky Mir	eral (F1)			Iron-Manganese Masses (F12) (LRR,K,L,R)	
Stratified Layers (	(A5)		Loamy Gleyed Matrix (	ttrix (F∠)			Other (Eveloin in Remarks)	
2 cm Much (A10)	ark Surface (A11)		Depleted Matrix (r Podox Dark Surf:	-3) 200 (E6)				
Thick Dark Surfac		;	Cedux Dark Suna	rface (F7)				
Sandy Mucky Min	neral (S1)		Redox Depression	ns (F8)				
							<sup>3</sup> Indicators of hydrophytic everytation and wetland	
							hydrology must be present, unless disturbed or	
							problematic.	
Restrictive Laver (if o	observed):							
Type: none								
Depth (inches):	n/a					Hyd	ric Soil Present? Yes <u>No X</u>	_
Remarks: Hvdric	soil criterion is not met.							
HYDROLOGY								
	diastara						Secondary Indicators (minimum of two require	od)

Primary Indicators (minimum	of one is require	ed; check all	that ap	pply)	_	Surface Soil Cracks (B6)	
Surface Water (A1)				Water-Stained Leaves (B9)	_	Drainage Patterns (B10)	
High Water Table (A2)		-		Aquatic Fauna (B13)		Dry-Season Water Table (C2)	
Saturation (A3)				True Aquatic Plants (B14)		Crayfish Burrows (C8)	
Water Marks (B1)		-			Saturation Visible on Aerial Imagery (C9)		
Sediment Deposits (B2)		-			Stunted or Stressed Plants (D1)		
Drift Deposits (B3)				Presence of Reduced Iron (C4)		Geomorphic Position (D2)	
Algal Mat or Crust (B4)		-		Recent Iron Reduction in Tilled Soils (C6)		FAC-Neutral Test (D5)	
Iron Deposits (B5)		-		Thin Muck Surface (C7)			
Inundation Visible on Ae	rial Imagery (B7	) –		Gauge or Well Data (D9)			
Sparsely Vegetated Cor	cave Surface (B	8)		Other (Explain in Remarks)			
Field Observations:							
Surface Water Present?	Yes	No	Х	Depth (inches):			
Water Table Present?	Yes	No	Х	Depth (inches):			
Saturation Present? (includes capillary fringe)	Yes	No	Х	Depth (inches):		Wetland Hydrology Present? Yes No	Х
Describe Recorded Data (str	eam gauge, mon	itoring well,	aerial	photos, previous inspections), if available:			
USGS topo map (Figure 1)	, 1-foot contour	map (Figu	re 2), N	IRCS Soils Map (Figure 3), Aerial Maps from	2000, 2005, 2010,	nd 2013 (Figures 4A-D),	
WWI map (Figure 5), NOAA	v's AHPS map (I	Figure 6), I	_ocal V	VETS table, and FSA Crop Slide:			
Remarks: Wetland hyd	ology criterion	is not met.					

Broject/Site: Leem	is Road Parcols				Franklin /	Sampling Data: October 20, 2014
Applicant/Ourpari	Road Parcels	ant LLC			City/County: Milwaukee	Sampling Date: October 29, 2014
Applicant/Owner.	Bear Developm					Sampling Point. 1-6 DF-12 WID
Investigator(s):	Heatner D. Patt	I, PWS			Section, Township, Range:	Section 30, 15N R21E
	enace, etc.).			Longy See Fi	inune 2	Dotumi Soo Figure 2
Slope (%): 0%		Lat: See Figure 2	0/ -l / <b>-</b> - A	Long: See Fi	Igure 2	Datum: See Figure 2
Soli Map Unit Name:		Elliott slit loam 1-3	5% slopes (ESA	), Hydric inclusions	VVVI Class	
Are climatic / hydrolo	gic conditions on the	he site typical for this time of	of year?		Yes X No	(if no, explain in Remarks)
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances"	present? Yes X No
Are vegetation	N Soll	<b>N</b> or Hydrology	<u>^r</u> naturali	y problematic?	(if needed, explain any answe	ers in Remarks)
SUMMARY OF	FINDINGS	Attach site map sho	wing samp	ling point location	ons, transects, important fea	atures, etc.
Hydrophytic Vegetati	on Present?	Yes X	No		Is the Sampled Area	
Hydric Soil Present?		Yes X	No		within a Wetland?	Yes X No
Wetland Hydrology P	Present?	Yes X	No		If yes, optional wetland site II	D: <b>W-3</b>
Remarks:	*Seasonal hydr	ology				
Remains.	ocasonal nyur	ology				
VEGETATION -	Use scientific	names for plants.				Sampling Point: T-6 DP-12 WTD
		Absolute %	Dominant	Indicator	Dominance Test Work	ksheet:
Tree Stratum (Plot siz	ze: 30'R	) Cover	Species	Status		
1 Eravinus popp	Nutranica	20%	v	FACW	Number of Dominant S	pecies
	Sylvanica	2076	<u>ı</u>	FACW	That Ale OBL, FACW,	5 FAC. 5 (A)
3.					Total Number of Domin	lant
4.					Species Across All Stra	ata: <b>5</b> (B)
5.						
6					Percent of Dominant S	pecies
7			<u></u>		That Are OBL, FACW,	or FAC: <u>100%</u> (A/B)
		20% =	I otal Cover		Drevelence Index Wes	kahaat.
					Total % Cov	ver of: Multiply by:
					OBL species	x 1 =
Sapling/Shrub Stratu	m (Plot size:	15'R)			FACW species	x 2 =
1. Fraxinus penns	sylvanica	50%	Y	FACW	FAC species	x 3 =
2. Rhamnus catha	artica	30%	Y	FAC	FACU species	x 4 =
3.					UPL species	x 5 =
4					Column Totals:	(A) (B)
5						
6					Prevalence Index	B/A = <b>n/a</b>
<i>′</i>			Total Cover	·	Hydrophytic Vegetati	on Indicators:
			Total Cover		Rapid Te	est for Hydrophytic Vegetation
					X Dominan	ace Test is \$50%
					Prevalen	ice Index is $\leq 3.0^{1}$
Herb Stratum (Plot si	ze: 5'R	)			Morpholo	prical Adaptations <sup>1</sup> (Provide supporting
1. Carex stricta			Y	OBL	data in	Remarks or on separate sheet)
2. Carex granular	is	10%	Y	FACW	Problema	atic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Phalaris arundi	inacea	5%	N	FACW		
4. Cornus alba		5%	N	FACW		
5.					<sup>1</sup> Indicators of hydric so	oil and wetland hydrology must
6.					be present, unless dis	turbed or problematic.
7						
8						
9						
10						
12						
13.						
14.						
		30% =	Total Cover			
		,				
woody vine Stratum	(PIOT SIZE: 30'R	)				
1 <i>n/a</i>						
2.						
3.					Hydrophytic	
4.					Vegetation	
			= Total Cover		Present?	Yes X No
Remarks: (Include ph	noto numbers here	or on a separate sheet.)				
Hydrophytic vegeta	tion criterion is m	net. Plant community is a	snrub carr.			

## Sampling Point: T-6 DP-12 WTD

	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks	
0-4	10YR 3/1	100%					si cl loam		
4-10	10YR 3/1	90%	10 YR 5/6	10%	С	М	si cl loam		
10-20	10YR 5/1	85%	10 YR 5/6	15%	С	М	silty clay		
Type: C=Concentrati	on, D=Depletion, RM=Red	uced Matrix, CS:	Covered or Coat	ed Sand Grain	s.	2	ocation: PL=Pore L	ining, M=Matrix	
vdric Soil Indicator	s.						Indicators for F	Problematic Hydric Soils <sup>3</sup>	
Histosol (A1)	3.		Sandv Gleved Ma	trix (S4)			Coast F	Prairie Redox (A16) (LRR.K.L.R)	
Histic Epipedon (	A2)		Sandy Redox (S5)	)			Dark St	urface (S7) (LRR,K,L)	
Black Histic (A3)			Stripped Matrix (S	6)			5 cm m	ucky peat or peat (S3) (LRR,K,L)	
Hydrogen Sulfide	(A4)		Loamy Mucky Min	eral (F1)			Iron-Ma	anganese Masses (F12) (LRR,K,L,R)	
2 cm Much (A10)	(A5)		Loamy Gleyed Ma Depleted Matrix (F	atrix (F2) F3)			Very Sr	nallow Dark Sufface (TF12) Explain in Remarks)	
X Depleted Below [	Dark Surface (A11)	x	Redox Dark Surfa	ace (F6)					
Thick Dark Surfac	ce (A12)		Depleted Dark Su	rface (F7)					
Sandy Mucky Mir	neral (S1)		Redox Depressior	ns (F8)					
							problematic.	be present, unless disturbed of	
estrictive Layer (if	observed):								
Type: none	n/a					Hyd	ic Soil Present?	Ves X No	
Denth (inches)	174					nya	ie oon resent:		_
Depth (inches):									
Depth (inches): emarks: Hydric	soil criterion is met.								
Depth (inches): emarks: Hydric	soil criterion is met.								
Depth (inches): emarks: Hydric	soil criterion is met.								
Depth (inches): emarks: <b>Hydric</b>	soil criterion is met.								
Depth (inches): temarks: Hydric	soil criterion is met.								
Depth (inches): temarks: Hydric HYDROLOGY Vetland Hydrology I	soil criterion is met.	sheck all that any	str/)				<u>Second</u>	lary Indicators (minimum of two requi	red)
Depth (inches): temarks: Hydric HYDROLOGY Vetland Hydrology I rimary Indicators (mi	soil criterion is met. ndicators: nimum of one is required; (	check all that app	oly)	nyan (P0)			Second X	lary Indicators (minimum of two requi Surface Soil Cracks (B6)	red)
Depth (inches): emarks: Hydric IYDROLOGY /etland Hydrology I rimary Indicators (mi Surface Water (A High Water Table	soil criterion is met. ndicators: nimum of one is required; ( (A2)	check all that app	oly) Nater-Stained Lea Aquatic Fauna (B'	aves (B9) 13)			Second X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2)	red)
Depth (inches): emarks: Hydric HYDROLOGY /etland Hydrology I rimary Indicators (mi Surface Water (A Saturation (A3)	soil criterion is met. ndicators: nimum of one is required; of 1) (A2)	check all that app	oly) Water-Stained Lea Aquatic Fauna (B' Frue Aquatic Plan	aves (B9) 13) ts (B14)		_	Second X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)	red)
Depth (inches): emarks: Hydric HYDROLOGY fetland Hydrology I rimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1)	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2)	check all that app	oly) Water-Stained Lea Aquatic Fauna (B' Frue Aquatic Plan Hydrogen Sulfide	aves (B9) 13) ts (B14) Odor (C1)			Second X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image	red) ery (C9)
IYDROLOGY //tetland Hydrology I /rimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposi	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2) (s (B2)	check all that app	oly) Water-Stained Lea Aquatic Fauna (B' Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl	aves (B9) 13) ts (B14) Odor (C1) heres on Living	g Roots (C3)	_	Second X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1)	red) ery (C9)
	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2) (s (B2) )) (B4)	check all that app	bly) Water-Stained Lea Aquatic Fauna (B' Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu	aves (B9) 13) ts (B14) Odor (C1) heres on Living ced Iron (C4)	] Roots (C3)	_	X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2)	r <u>e</u> d) ery (C9)
Depth (inches): temarks: Hydric HYDROLOGY Vetland Hydrology I trimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposit Drift Deposits (B3 Algal Mat or Crus Iron Denosits (B3	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2) (s (B2) ) t (B4) )	check all that ap	bly) Nater-Stained Lea Aquatic Fauna (B' Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Fini Muck Surface	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7)	g Roots (C3) Soils (C6)	_	X X X X X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	red) ery (C9)
Depth (inches): temarks: Hydric HYDROLOGY Vetland Hydrology I trimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposis Drift Deposits (B3 Algal Mat or Crus Iron Deposits (B3 Inundation Visible	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2) (s (B2) ) t (B4) ) e on Aerial Imagery (B7)	check all that app	bly) Water-Stained Lea Aquatic Fauna (B' Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Fhin Muck Surfaca Gauge or Well Da	aves (B9) 13) ts (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7) ta (D9)	g Roots (C3) Soils (C6)	_	X X X X X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	red) ery (C9)
Depth (inches): emarks: Hydric Hydric Hydrology Itimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B3 Algal Mat or Crus Iron Deposits (B5 Inundation Visible Sparsely Vegetat	soil criterion is met. ndicators: nimum of one is required; of 1) (A2) b ts (B2) b) t (B4) c on Aerial Imagery (B7) ed Concave Surface (B8)	check all that app	oly) Water-Stained Lee Aquatic Fauna (B' Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I	aves (B9) 13) ts (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	_	Second X X X X X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	red) ery (C9)
Depth (inches): emarks: Hydric HyDROLOGY Hetland Hydrology I rimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3 Drift Deposits (B3 Iron Deposits (B5 Inundation Visible Sparsely Vegetat eld Observations:	soil criterion is met. ndicators: nimum of one is required; of 1) (A2) (s (B2) ) t (B4) ) e on Aerial Imagery (B7) ed Concave Surface (B8)	check all that app	oly) Water-Stained Lea Aquatic Fauna (Br True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Fhin Muck Surface Gauge or Well Da Dther (Explain in I	aves (B9) 13) ts (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	_	X X X X X X	lary Indicators (minimum of two requi Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	red) ery (C9)
Depth (inches): emarks: Hydric HYDROLOGY Hydrology I rimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B5 Iron Deposits (B5 Iron Deposits (B5 Inundation Visible Sparsely Vegetat High Observations: urface Water Present	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2) (A2) (B2) (B2) (B4) (B4) (B4) (B4) (B4) (B7) ed Concave Surface (B8) (B8) (B7) ed Concave Surface (B8)	No X	bly) Water-Stained Lea Aquatic Fauna (Br Irue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Chin Muck Surface Gauge or Well Da Dther (Explain in I Depth (inches):	aves (B9) 13) ts (B14) Odor (C1) heres on Living cced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	_	X X X X X X	lary Indicators (minimum of two requii Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Image Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	red) ary (C9)
Depth (inches): temarks: Hydric HYDROLOGY HYDROLOGY Vetland Hydrology I trimary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B5 Iron Deposits (B5 Iron Deposits (B5 Inundation Visible Sparsely Vegetat ield Observations: Surface Water Present? Saturation Present?	soil criterion is met. ndicators: nimum of one is required; ( 1) (A2) (A2) (A2) (B4) ) t (B4) ) e on Aerial Imagery (B7) ed Concave Surface (B8) t? Yes Yes	No X No X No X	Nater-Stained Lea Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Chin Muck Surface Gauge or Well Da Dther (Explain in f Depth (inches): Depth (inches):	aves (B9) 13) ts (B14) Odor (C1) heres on Living cced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	_	X X X X X	Iary Indicators (minimum of two requit         Surface Soil Cracks (B6)         Drainage Patterns (B10)         Dry-Season Water Table (C2)         Crayfish Burrows (C8)         Saturation Visible on Aerial Image         Stunted or Stressed Plants (D1)         Geomorphic Position (D2)         FAC-Neutral Test (D5)	red) ary (C9)

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

USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Remarks: Wetland hydrology criterion is met. Hydroperiod is seasonal.

						Franklin /			
Project/Site: Loom	nis Road Parcels				City/Co	unty: Milwaukee	Sampling	g Date: October 29,	2014
Applicant/Owner:	Bear Develop	ment, LLC				State:	VI	Sampling Point:	T-7 DP-13 UPL
Investigator(s):	Heather D. Pat	tti, PWS			S	ection, Township, Range:	Section	1 30, T5N R21E	
Landform (hillslope, t	terrace, etc.):	backslope			Local relief	(concave, convex, none):	slightly	convex	
Slope (%): 5%		Lat: See Figure 2		Long: Se	ee Figure 2		[	Datum: See Figure 2	2
Soil Map Unit Name:	. <u> </u>	Elliott silt loam 1-3	3% slopes (AsA	(), Hydric Inclusi	ions	WWI Clas	ssification:	nc	one
Are climatic / hydrolo	ogic conditions on	the site typical for this time	of year?		Yes	X No	(if no, e	xplain in Remarks)	
Are Vegetation	Y Soil	<u>N</u> or Hydrology	<u>N</u> significa	antly disturbed?		Are "Normal Circumstances	" present?	Yes	No <u>X</u>
Are Vegetation	<u>N</u> Soil	<b>N</b> or Hydrology	<u>naturali</u>	y problematic?		(if needed, explain any ansi	vers in Ren	narks)	
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	lina point loc	cations. tr	ansects, important f	eatures.	etc.	
Lludraphytic \/ogotati	ion Drocont?	Vee	No.	v .	,	In the Compled Area			
Hydrophylic Vegetall	ion Present?	Yes Y	No			is the Sampled Area		Vee	No. Y
Wetland Hydrology	Procent?	Tes A	No			If yes, ontional wetland site	ID:	N/A	
wettand Hydrology P	Tesent:	163	-			ii yes, optional wettand site	ID.	N/A	
Remarks:	*Active corn fi	eld - corn is healthy, no cr	op stress						
	Does not mee	t all three wetland criteria.	There is a slig	ht topographic b	break along t	he wetalnd boundary.			
VEGETATION -	Use scientific	names for plants.						Sampling Point:	T-7 DP-13 UPL
		Absolute %	Dominant	Indicator		Dominance Test Wo	rkshoot.		
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status		Dominance rest wo			
1 n/a						That Are OBL FACW	Species	0	(Δ)
2.		·					, 011710.		
3.						Total Number of Dom	inant		
4.						Species Across All St	rata:	1	(B)
5		·				Paraant of Dominant	Species		
7.		·				That Are OBL, FACW	or FAC:	0%	(A/B)
		=	Total Cover				,		,
						Prevalence Index W	orksheet:		
						Total % Co	over of:	Multip	bly by:
Sanling/Shrub Stratu	ım (Plot size:	15'R )				OBL species		x 1 =	
1. <i>n/a</i>	111 (1 101 3120.	13 K /				FAC species		x 3 =	
2.						FACU species		x 4 =	
3						UPL species		x 5 =	
4						Column Totals:		(A)	(B)
5						Prevalence Inde	≏x B/A =	n/a	
7.		· · · · · · · · · · · · · · · · · · ·							
		=	Total Cover			Hydrophytic Vegeta	tion Indica	tors:	
						Rapid 1	est for Hyd	drophytic Vegetation	
						Domina Prevale	INCE LEST IS	S >50% is < 3.0 <sup>1</sup>	
Herb Stratum (Plot si	ize: 5'R	)				Morpho	logical Ada	aptations <sup>1</sup> (Provide su	pporting
1. Zea mays		90%	Y	UPL		data i	n Remarks	or on separate sheet	t)
2						Probler	natic Hydro	phytic Vegetation <sup>1</sup> (E	xplain)
3									
4 5		· · · · · · · · · · · · · · · · · · ·				<sup>1</sup> Indicators of hydric	soil and we	tland hydrology must	
6.		· · · · · · · · · · · · · · · · · · ·				be present, unless d	isturbed or	problematic.	
7.									
8									
9		·							
11.									
12.									
13									
14		90% -	Total Cover						
	(DL )	,							
woody vine Stratum	I (MOT SIZE: 30'R	)							
1. <i>n/a</i>		· · · · · · · · · · · · · · · · · · ·							
2.									
3					Γ	Hydrophytic			
4		·	= Total Covor			Vegetation Present?	Vac	No	x
						11000111	103		
Remarks: (Include pl	hoto numbers her	e or on a separate sheet.)							
Hydrophytic vegeta	ation criterion is	not met. No crop stress o	bserved.						

## Sampling Point: T-7 DP-13 UPL

IVIALITA			Redox Featu	res			
Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
10YR 2/1	100%					si cl loam	
10YR 2/1	95%	10YR 5/6	5%	C	М	si cl loam	
10YR 5/2	90%	10YR 5/6	10%	С	М	clay	
Depletion, RM=Red	uced Matrix, CS	=Covered or Coa	ted Sand Grain	s.	2	Location: PL=Pore Lin	ning, M=Matrix
						Indicators for Pr	oblematic Hydric Soils <sup>3</sup> :
	c	Sandy Gloved Mr	otriv (S4)			Coast Pr	airia Raday (A16) (I PP K I P)
			-			00000111	
		Sandv Redox (S5	o)			Dark Sur	face (S7) (LRR.K.L)
		Sandy Redox (S5 Stripped Matrix (S	5) S6)			Dark Sur 5 cm mu	face (S7) <b>(LRR,K,L)</b> cky peat or peat (S3) <b>(LRR,K,L)</b>
		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir	o) S6) neral (F1)			Dark Sur 5 cm muo Iron-Man	face (S7) <b>(LRR,K,L)</b> cky peat or peat (S3) <b>(LRR,K,L)</b> ganese Masses (F12) <b>(LRR,K,L,R)</b>
		Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Mir	o) S6) neral (F1) atrix (F2)			Dark Sur 5 cm muc Iron-Man Very Sha	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) ganese Masses (F12) (LRR,K,L,R) illow Dark Surface (TF12)
		Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (	5) S6) neral (F1) atrix (F2) (F3)			Dark Sur 5 cm muc Iron-Man Very Sha Other (E)	face (S7) <b>(LRR,K,L)</b> cky peat or peat (S3) <b>(LRR,K,L)</b> ganese Masses (F12) <b>(LRR,K,L,R)</b> Illow Dark Surface (TF12) xplain in Remarks)
urface (A11)		Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Min Loamy Gleyed Ma Depleted Matrix ( Redox Dark Suff	5) S6) neral (F1) atrix (F2) F3) face (F6) urface (F7)			Dark Sur 5 cm mu Iron-Man Very Sha Other (Ea	face (S7) <b>(LRR,K,L)</b> cky peat or peat (S3) <b>(LRR,K,L)</b> ganese Masses (F12) <b>(LRR,K,L,R)</b> allow Dark Surface (TF12) xplain in Remarks)
urface (A11) 2) 51)		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir _oamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) iace (F6) urface (F7) ons (F8)			Dark Sur 5 cm muo Iron-Man Very Sha Other (Ex	face (S7) <b>(LRR,K,L)</b> cky peat or peat (S3) <b>(LRR,K,L)</b> ganese Masses (F12) <b>(LRR,K,L,R)</b> allow Dark Surface (TF12) xplain in Remarks)
urface (A11) 2) 51)		Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mii Loamy Gleyed Mi Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) face (F6) urface (F7) nns (F8)			Dark Sur 5 cm muo Iron-Man Very Sha Other (Ex	face (S7) <b>(LRR,K,L)</b> cky peat or peat (S3) <b>(LRR,K,L)</b> ganese Masses (F12) <b>(LRR,K,L,R)</b> allow Dark Surface (TF12) xplain in Remarks)
urface (A11) 2) 31)		Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mii Loamy Gleyed Mi Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) face (F6) urface (F7) nns (F8)			Dark Sur 5 cm mud Iron-Man Very Sha Other (E) <sup>3</sup> Indicators of hyd	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) ganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks)
urface (A11) 2) 31)		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir _oamy Gleyed Mi Depleted Matrix ( Redox Dark Surf Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) face (F6) urface (F7) ons (F8)			Dark Sur 5 cm mud Iron-Man Very Sha Other (E) <sup>3</sup> Indicators of hyd hydrology must b	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) ganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
urface (A11) 2) 51)		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir _oamy Gleyed Mi Depleted Matrix ( Redox Dark Suff Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) iace (F6) urface (F7) ons (F8)			Dark Sur 5 cm muc Iron-Man Very Sha Other (E) <sup>3</sup> Indicators of hyd hydrology must b problematic.	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) ganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
urface (A11) 2) 51)		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir _oamy Gleyed Mi Depleted Matrix ( Redox Dark Suff Depleted Dark Su Redox Depressio	<ul> <li>)</li> <li>S6)</li> <li>neral (F1)</li> <li>atrix (F2)</li> <li>F3)</li> <li>face (F6)</li> <li>urface (F7)</li> <li>uns (F8)</li> </ul>			Dark Sur 5 cm muc Iron-Man Very Sha Other (E) <sup>3</sup> Indicators of hyd hydrology must b problematic.	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
urface (A11) 2) 51) <b>ed):</b>		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir _oamy Gleyed Mi Depleted Matrix ( Redox Dark Suff Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) face (F6) urface (F7) ons (F8)			Dark Sur 5 cm muc Iron-Man Very Sha Other (E) <sup>3</sup> Indicators of hyd hydrology must bu problematic.	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
urface (A11) 2) 51) <b>ed):</b>		Sandy Redox (S5 Stripped Matrix (S _oamy Mucky Mir _oamy Gleyed Mi Depleted Matrix ( Redox Dark Surf Depleted Dark Su Redox Depressio	5) S6) neral (F1) atrix (F2) F3) face (F6) urface (F7) ons (F8)			Dark Sur 5 cm muc Iron-Man Very Sha Other (E) <sup>3</sup> Indicators of hyd hydrology must bi problematic.	face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
	10YR 2/1 10YR 2/1 10YR 5/2 Depletion, RM=Red	10YR 2/1         100%           10YR 2/1         95%           10YR 5/2         90%	10YR 2/1         100%           10YR 2/1         95%         10YR 5/6           10YR 5/2         90%         10YR 5/6	IOYR 2/1         IOW           10YR 2/1         95%           10YR 5/2         90%           10YR 5/2         90%           IOYR 5/6         5%           IOYR 5/2         90%           IOYR 5/6         10%           IOYR 5/2         90%           IOYR 5/2         90%           IOYR 5/6         10%           IOYR 5/6         10%           IOYR 5/2         90%           IOYR 5/2         90%           IOYR 5/2         10%           IOYR 5/2         10%           IOYR 5/2         10%           IOYR 5/2         10%           IOYN 5/2         10%           IOYN 5/2         10%           IOYN 5/2         10%           IOYN 5/2         IOYN 5/2           IOYN 5/2         IOYN 5/2           IOYN 5/2         IOYN 5/2	IOYR 2/1         IO0%         IOYR 5/6         5%         C           10YR 2/1         95%         10YR 5/6         5%         C           10YR 5/2         90%         10YR 5/6         10%         C	IOYR 2/1         IOW         IOYR 5/6         5%         C         M           IOYR 2/1         95%         IOYR 5/6         5%         C         M           IOYR 5/2         90%         IOYR 5/6         10%         C         M           IOYR 5/2         90%         IOYR 5/6         10%         C         M           IOYR 5/2         90%         IOYR 5/6         IO%         C         M           IOYN 5/2         90%         IOYR 5/6         IO%         C         M           IOYN 5/2         IOYN 5/2         IOYN 5/2         IOYN 5/2         IO         IO         IO           IOYN 5/2         IOYN 5/2         IOYN 5/2         IOYN 5/2         IOYN 5/2         IO         IO         IO	IOYR 2/1         IO0%         IOYR 5/6         S%         C         M         si cl loam           10YR 2/1         95%         10YR 5/6         5%         C         M         si cl loam           10YR 5/2         90%         10YR 5/6         10%         C         M         clay

# HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is require	ed; check all th	at apply)		Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
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 (E	) 38)	Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Living Rc Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remarks)	oots (C3) s (C6)	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 Water Table Present? Yes Saturation Present? Yes (includes capillary fringe)	No 2 No 2 No 2	C       Depth (inches):         C       Depth (inches):         C       Depth (inches):		Wetland Hydrology Present? Yes NoX
Describe Recorded Data (stream gauge, mor USGS topo map (Figure 1), 1-foot contour WWI map (Figure 5), NOAA's AHPS map (	nitoring well, ae r map (Figure : Figure 6), Loo	rial photos, previous inspections), if avail 2), NRCS Soils Map (Figure 3), Aerial № :al WETS table, and FSA Crop Slide:	lable: Maps from 2000, 2005,	2010, and 2013 (Figures 4A-D),
Remarks: Wetland hydrology criterion	is not met. No	o indication of consistent wetness on	FSA crop slides or aer	als.

					Franklin /		
Project/Site: Loom	is Road Parcels				City/County: Milwaukee	Sampling Date: October 29	9, 2014
Applicant/Owner:	Bear Developme	ent, LLC			State: V	VI Sampling Poi	nt: T-7 DP-14 WTD
Investigator(s):	Heather D. Patti	, PWS			Section, Township, Range:	Section 30, T5N R21E	
Landform (hillslope, t	errace, etc.):	wetland depression		Lo	ocal relief (concave, convex, none):	concave	
Slope (%): 0%		Lat: See Figure 2		Long: See Fi	gure 2	Datum: See Figure	2
Soil Map Unit Name:		Markham silt loa	m 2-6% slopes (	(MeB), Non-hydric	WWI Clas	ssification:	none
Are climatic / hydrolo	gic conditions on th	ne site typical for this time	of year?		Yes X No	(if no, explain in Remarks)	
Are Vegetation	*Y Soil	N or Hydrology	<u>N</u> significa	intly disturbed?	Are "Normal Circumstances	" present? Y	es No X
Are Vegetation	N Soil	N or Hydrology	**Y naturally	/ problematic?	(if needed, explain any answ	wers in Remarks)	
SUMMARY OF	FINDINGS	Attach site map she	owing sampl	ing point location	ons, transects, important fe	eatures, etc.	
Hydrophytic Vegetati	on Present?	Yes X	No		Is the Sampled Area		
Hydric Soil Present?		Yes X	- No		within a Wetland?	Yes X	No
Wetland Hydrology P	Present?	Yes X	- No		If yes, optional wetland site	ID: W-4	_
			- · ·				
Remarks:	*Active agricult **Seasonal hydi	ural field - crop failure in rology	this corner due	to wetness. Wetnes	ss signatures are visible on recent	t aerials especially 2000 & 2	013.
VEGETATION -	Use scientific	names for plants.				Sampling Point:	T-7 DP-14 WTD
		Absolute %	Dominant	Indicator	Dominance Test Wor	rksheet:	
Tree Stratum (Plot siz	ze: 30'R	) Cover	Species	Status	Number of Dominant 6	Chaoling	
1. <u>n/a</u> 2.					That Are OBL, FACW,	, or FAC: <u>1</u>	(A)
3. 4.		<u> </u>			Total Number of Domi Species Across All Str	inant rata: <u>1</u>	(B)
5.							
6					Percent of Dominant S	Species	(1)
7			Total Cover		That Are OBL, FACW,	, or FAC: 100%	(A/B)
					Prevalence Index Wo	orksheet:	
					Total % Co	over of: Mu	tiply by:
					OBL species	x 1 =	<u> </u>
Sapling/Shrub Stratu	m (Plot size:	15'R)			FACW species	x 2 =	
1. <u>n/a</u>					FAC species	x 3 =	
2.					FACU species	x 4 =	
3.					UPL species	x 5 =	
4					Column Totals:	(A)	(B)
5					Description of lands	D/A	
6					Prevalence Inde	x B/A = <u>n/a</u>	l
<i>'</i>			Total Cover		Hydrophytic Vegetat	tion Indicators:	
					Rapid T	Test for Hydrophytic Vegetation	ı
					X Domina	ance Test is >50%	
					Prevale	ence Index is ≤ 3.0 <sup>1</sup>	
Herb Stratum (Plot si	ze: 5'R	)			Morphol	logical Adaptations <sup>1</sup> (Provide	supporting
1. Echinochloa cr	rus galli	20%	Y	FACW	data ir	n Remarks or on separate she	eet)
2. Xanthium strun	narium	5%	N	FAC	Problem	natic Hydrophytic Vegetation <sup>1</sup>	(Explain)
3. Hibiscus trinon	nium	5%	<u>N</u>	UPL			
4					1 la diante de la chiefe a		- 4
5					Indicators of hydric s	soil and wetland hydrology mu	st
7					be present, unless u	isturbed of problematic.	
8.							
9.							
10.							
11.							
12.							
13.							
14			<u></u>				
		30% =	I otal Cover				
Woody Vine Stratum	(Plot size: 30'R	)					
1. <b>n/a</b>							
2							
3					Hydrophytic		
4			= Total Cover		Vegetation Present?	Yes Y	lo
					FICSCIL!	103 <u> </u>	··· <u> </u>
Remarks: (Include ph	noto numbers here	or on a separate sheet.)			•		
Atypical situation -	Farmed wetland, I	but no crop growing pre	sumably due to	spring wetness - mo	stly bare ground.		

#### Sampling Point: T-7 DP-14 WTD

	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-5	10YR 2/1	100%					si cl loam	
5-10	10YR 2/1	90%	10YR 5/6	10%	C	м	si cl loam	
10-15*	10YR 5/2	85%	10YR 5/6	15%	C	м	silty clay	
·								
· ·								
						2.		
ype: C=Concentratio	on, D=Depletion, RM=Redu	uced Matrix, CS:	Covered or Coat	ed Sand Grains		-1	Location: PL=Pore L	ining, M=Matrix
dric Soil Indicators	s:						Indicators for F	Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)			Sandy Gleyed Ma	trix (S4)			Coast F	Prairie Redox (A16) (LRR,K,L,R)
Histic Epipedon (A	A2)		Sandy Redox (S5)	)			Dark Su	Inface (S7) (LRR,K,L)
Black Histic (A3)	$(\Delta A)$		Stripped Matrix (S	i6) Jeral (F1)			5 cm m	ucky peat or peat (S3)(LRR,K,L)
Stratified Layers (	(A5)		Loamy Gleved Ma	atrix (F2)			Very Sh	allow Dark Surface (TF12)
2 cm Much (A10)			Depleted Matrix (F	=3)			Other (I	Explain in Remarks)
X Depleted Below D	Dark Surface (A11)	х	Redox Dark Surfa	ace (F6)				
Thick Dark Surfac	ce (A12)		Depleted Dark Su	rface (F7)				
Sandy Mucky Min	ieral (S1)		Redox Depression	ns (F8)				
				T			problematic.	
actriativa Lavar (if a	abconvod):							
estrictive Layer (if o Type: hard cla	observed): lay							
estrictive Layer (if c Type: hard cl Depth (inches):	observed): lay 15"					Hydi	ic Soil Present?	Yes X No
estrictive Layer (if c Type: <u>hard cl</u> Depth (inches):	bbserved): lay 15"					Hydi	ic Soil Present?	Yes <u>X</u> No
estrictive Layer (if c Type: <u>hard cl</u> Depth (inches): eemarks: <b>Hydric</b>	observed): lay 15" soil criterion is met.					Hydi	ric Soil Present?	Yes <u>X</u> No
estrictive Layer (if c Type: <u>hard cl</u> Depth (inches): emarks: <b>Hydric</b>	observed): lay 15" soil criterion is met.					Hydi	ic Soil Present?	Yes <u>X</u> No
estrictive Layer (if c Type: <u>hard cl</u> Depth (inches): emarks: <b>Hydric</b>	observed): lay 15" soil criterion is met.					Hydi	ric Soil Present?	Yes <u>X</u> No
estrictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric	observed): lay 15" soil criterion is met.					Hydi	ric Soil Present?	Yes <u>X</u> No
estrictive Layer (if c Type: <u>hard cl</u> Depth (inches): emarks: <b>Hydric</b>	observed): lay 15" soil criterion is met.					Hydi	ric Soil Present?	Yes <u>X</u> No
Restrictive Layer (if c Type: <u>hard cl</u> Depth (inches): Remarks: Hydric	observed): lay 15" soil criterion is met.					Hydi	ric Soil Present?	Yes <u>X</u> No
estrictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric	observed): lay 15" soil criterion is met.					Hydi	ric Soil Present?	Yes X No
Restrictive Layer (if c Type: hard cl Depth (inches): Remarks: Hydric HYDROLOGY Vetland Hydrology Ir Primary Indicators (mir	ndicators: nimum of one is required; c	heck all that ap				Hydı	ric Soil Present?	Yes X No
	ndicators: 1)	heck all that ap	oly) Water-Stained Lea	aves (B9)		Hydi	ric Soil Present?	Yes X No
estrictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric IYDROLOGY fetland Hydrology Ir rimary Indicators (mir Surface Water (A High Water Table	ndicators: 1) (A) (A) (A) (A2)	heck all that ap	oly) Water-Stained Lea Aquatic Fauna (B:	aves (B9) 13)		Hydi	ric Soil Present?	Yes X No ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2)
estrictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric HyDROLOGY Vetland Hydrology Ir rimary Indicators (mir Surface Water (A High Water Table Saturation (A3)	ndicators: 1) (A2) (A2)	heck all that ap	oly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan	aves (B9) 13) ts (B14)		Hydr	ric Soil Present?	Yes X No ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)
testrictive Layer (if c Type: hard cl Depth (inches): temarks: Hydric	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c (1) (A2)	heck all that ap	oly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide	aves (B9) 13) ts (B14) Odor (C1)		Hydr	ric Soil Present?	Yes X No ary 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) Saturation Visible on Aerial Imagery (C9)
testrictive Layer (if c Type: hard cl Depth (inches): temarks: Hydric	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c (1) (A2) ts (B2) a)	heck all that ap	oly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Evenence of Bodu	aves (B9) 13) ts (B14) Odor (C1) heres on Living used Iron (C4)	Roots (C3)	Hydr	ric Soil Present?	Yes X No ary 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) Saturation Visible on Aerial Imagery (C9)
Restrictive Layer (if c Type: hard cl Depth (inches):         Depth (inches):         Remarks:       Hydric         HyDROLOGY         HYDROLOGY         Vetland Hydrology Ir Primary Indicators (mir Surface Water (A' High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B3 Algal Mat or Crust	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c 1) (A2) (b) ts (B2) 3) tt (B4)	check all that ap	oly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Oxidized Rhizospl Presence of Redu Recent Iron Redu	aves (B9) 13) ts (B14) Odor (C1) heres on Living icced Iron (C4) ction in Tilled S	Roots (C3)	Hydr	ric Soil Present?	Yes X No ary 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) Saturation Visible on Aerial Imagery (C9)
Restrictive Layer (if c Type: hard cl Depth (inches): Remarks: Hydric HYDROLOGY Vetland Hydrology Ir Primary Indicators (mir Surface Water (A' High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B3 Drift Deposits (B3 Algal Mat or Cruss Iron Deposits (B3	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c 1) (A2) (b) ts (B2) 3) tt (B4) )	heck all that ap	oly) Water-Stained Lea Aquatic Fauna (B <sup>-</sup> True Aquatic Plan Hydrogen Sulfide Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfac	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7)	Roots (C3) oils (C6)	Hyd1	ric Soil Present?	Yes X No
Restrictive Layer (if c Type: hard cl Depth (inches):         Depth (inches):         Remarks:       Hydric         Hydrology Ir         Primary Indicators (mir         Surface Water (A' High Water Table         Saturation (A3)         Water Marks (B1)         Sediment Deposits (B3)         Drift Deposits (B3)         Algal Mat or Crust         Iron Deposits (B5)         Inundation Visible	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c (1) (A2) ) ts (B2) 3) it (B4) ) e on Aerial Imagery (B7)	check all that app	oly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfact Gauge or Well Da	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9)	Roots (C3) oils (C6)	Hydr	ric Soil Present?	Yes X No
testrictive Layer (if c Type: hard cl Depth (inches): temarks: Hydric temarks: Hydric type	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c 1) (A2) ts (B2) 3) ts (B4) b) c on Aerial Imagery (B7) ed Concave Surface (B8)	check all that app	Dly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Oxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surface Gauge or Well Da Other (Explain in I	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	Roots (C3) oils (C6)	Hydi	ric Soil Present?	Yes X No ary 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)
Exertictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c (1) (A2) ts (B2) (B2) (B4) (B4) (B4) (B4) (B4) (B4) (B4) (B5) (B5) (B7) ed Concave Surface (B8)	heck all that app	oly) Water-Stained Lee Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in I	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	Roots (C3) oils (C6)	Hydr 	ric Soil Present?	Yes X No ary 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)
estrictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric IYDROLOGY IYDROLOGY Itand Hydrology Ir rimary Indicators (mir Surface Water (A' High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B3 Algal Mat or Crusi Iron Deposits (B5 Inundation Visible Sparsely Vegetate ield Observations:	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c (1) (A2) ts (B2) b) ts (B2) b) ts (B4) b) e on Aerial Imagery (B7) ed Concave Surface (B8) 12 12 12 12 12 12 12 12 12 12	theck all that app	bly) Water-Stained Lee Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in I	aves (B9) 13) 15 (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	Roots (C3) oils (C6)	Hydr	ric Soil Present?	Yes X No ary 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)
estrictive Layer (if c Type: hard cl Depth (inches): emarks: Hydric HYDROLOGY HYDROLOGY Itimary Indicators (mir Surface Water (A' High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B3 Algal Mat or Crusi Iron Deposits (B3 Algal Mat or Crusi Iron Deposits (B5 Inundation Visible X Sparsely Vegetate ield Observations: urface Water Present Jater Table Present	bbserved): lay 15" soil criterion is met. ndicators: nimum of one is required; c (1) (A2) ts (B2) b) ts (B2) b) ts (B4) b) e on Aerial Imagery (B7) ed Concave Surface (B8) tt? Yes	heck all that app	bly) Water-Stained Lee Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Oxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in I Depth (inches): Depth (inches):	aves (B9) 13) 15 (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	Roots (C3) oils (C6)	Hydi	ric Soil Present?	Yes X No ary 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)

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

USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Remarks: Wetland hydrology criterion is met. Visible primarily on spring aerials, especially 2000 and 2013. Wetland was too small to interpret on poor quality FSA slides.

					Franklin /
Project/Site: Loon	nis Road Parcels	i 			City/County: Milwaukee Sampling Date: October 29, 2014
Applicant/Owner:	Bear Develop	ment, LLC			State: WI Sampling Point: 1-8 DP-15 UPL
Investigator(s):	Heather D. Pa	tti, PWS			Section, Township, Range: Section 30, 15N R21E
Slope (%): 20%	terrace, etc.j.			Long: See	Eigure 2 Datum: See Figure 2
Soil Map Unit Name	ý.	Morley silt loam	2-6% slopes (M	AzdB), Non-hydric	WWI Classification: none
Are climatic / hydrol	ogic conditions on	the site typical for this time	of year?	inzab), non nyano	Yes X No (if no explain in Remarks)
Are Vegetation	N Soil	N or Hydrology	N significa	antly disturbed?	Are "Normal Circumstances" present? Yes X No
Are Vegetation	N Soil	N or Hydrology	N naturall	y problematic?	(if needed, explain any answers in Remarks)
SUMMARY OF	FINDINGS	- Attach site map sh	owing samp	ling point loca	tions, transects, important features, etc.
Hydrophytic Vegetat	tion Present?	Yes	No	x	Is the Sampled Area
Hydric Soil Present?	?	Yes	No	<u> </u>	within a Wetland? Yes No X
Wetland Hydrology	Present?	Yes	No	x	If yes, optional wetland site ID: N/A
Bomarka	Doos not mos	t the three wetland criteri			
Remarks.	Does not mee	t the three wetland criterio	a.		
VEGETATION	- Use scientific	c names for plants.			Sampling Point: T-8 DP-15 UPL
Tree Stratum (Plot o	aize: 30'P	Absolute %	Dominant	Indicator	Dominance Test Worksheet:
THE SUALUIT (FIOLS	520. JUR		Species	Status	Number of Dominant Species
1. Quercus macr	rocarpa	20%	Y	FAC	That Are OBL, FACW, or FAC: 3 (A)
2. Quercus alba		20%	Y	FACU	Total Number of Dominant
3					Total Number of Dominant Species Across All Strata: 6 (B)
5.		-			
6.					Percent of Dominant Species
7		40%	Total Covar		That Are OBL, FACW, or FAC:(A/B)
		40 %			Prevalence Index Worksheet:
					Total % Cover of: Multiply by:
					OBL species 0 x 1 = 0
Sapling/Shrub Strate	um (Plot size:	<u>15'R )</u>	X	FACIL	FACW species $0 \times 2 = 0$
2 Rhamnus cath	na hartica	<u> </u>	<u> </u>	FACU	FAC species $50 \times 3 = 150$ FACU species $110 \times 4 = 440$
3.			<u> </u>		UPL species $0 \times 5 = 0$
4.					Column Totals: <b>160</b> (A) <b>590</b> (B)
5					Dravalar as ladau D/A
6 7					Prevalence index B/A = 3.7
		40%	= Total Cover		Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Vegetation
					Dominance Test is >50%
Herb Stratum (Plot s	size: 5'R	)			Morphological Adaptations <sup>1</sup> (Provide supporting
1. Elymus repen	S	50%	Y	FACU	data in Remarks or on separate sheet)
2. Barbarea vulg	aris	20%	<u>Y</u>	FAC	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Cirsium vulga	re	10%	<u> </u>	FACU	
5.					<sup>1</sup> Indicators of hydric soil and wetland hydrology must
6.					be present, unless disturbed or problematic.
7					
8 9		-			
10.					
11.					
12.					
13		-			
		80% =	= Total Cover		
Woody Vine Stratum	n (Plot size: 30'R	)			
1. <b>n/a</b>					
2.					
3.	· · · · · · · · · · · · · · · · · · ·				Hydrophytic
4			- Total Cover		Vegetation Present? Ves No Y
Remarks: (Include p	photo numbers her	e or on a separate sheet.)			

Hydrophytic vegetation criterion is not met. Old field edge around man-made pond.

## Sampling Point: T-8 DP-15 UPL

Depth	Matrix			Redox Featu	res1	. 2					
(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type -	Loc	Texture	Remarks			
0-12	10YR 3/2	100%					si cl loam				
12-15	10YR 3/2	95%	10YR 5/6	5%	C	М	si cl loam				
15-20	10YR 4/3	90%	10YR 5/6	10%	C	М	silty clay				
						_					
				·							
				-	-						
<sup>1</sup> Type: C=Concentra	ation D=Depletion RM=Red	uced Matrix CS	-Covered or Coa	ted Sand Grain	s	2	Location: PL =Pore Lin	ing M=Matrix			
- jpo: o-oonoonao	alon, D Doplotion, run red				0.			2			
Hydric Soil Indicate	ors:						Indicators for Pre	oblematic Hydric Soils <sup>3</sup> :			
Histosol (A1)			Sandy Gleyed Ma	atrix (S4)			Coast Pra	airie Redox (A16) <b>(LRR,K,L,R)</b>			
Histic Epipedon	i (A2)		Sandy Redox (S5	5)			Dark Surf	face (S7) <b>(LRR,K,L)</b>			
Black Histic (A3	3)		Stripped Matrix (S	66)			5 cm muc	cky peat or peat (S3)(LRR,K,L)			
Hydrogen Sulfic	de (A4)	l	.oamy Mucky Mir	neral (F1)			Iron-Man	ganese Masses (F12) <b>(LRR,K,L,R)</b>			
Stratified Layers	s (A5)	l	oamy Gleyed Ma	atrix (F2)			Very Shallow Dark Surface (TF12) Other (Explain in Remarks)				
2 cm Much (A10	0)	[	Depleted Matrix (	F3)							
Depleted Below	/ Dark Surface (A11)	F	Redox Dark Surf	ace (F6)							
Thick Dark Surf	ace (A12)		Depleted Dark Su	urface (F7)							
Sandy Mucky N	lineral (S1)	<sup>1</sup>	Redox Depressio	ns (F8)							
							2				
							Indicators of hyd	Irophytic evegetation and wetland			
							hydrology must be	e present, unless disturbed or			
							problematic.				
Restrictive Layer (in	f observed):										
Type: none											
Depth (inches):	n/a					Hyd	ric Soil Present?	Yes <u>No X</u>			
Remarks: Hydri	ic soil criterion is not met.										
HYDROLOGY											
Wotland Hydrology	Indicators						Seconda	ny Indicators (minimum of two required)			
Primary Indicators (r	minimum of one is required:	chock all that an	ahy)				Seconda	Surface Soil Cracks (B6)			
Fillinary indicators (i		check all that app	лу)	(5.0)							
Surface Water (	(A1)		Vater-Stained Le	aves (B9)				Drainage Patterns (B10)			
High Water Tab	ble (A2)		Aquatic Fauna (B	13)				Dry-Season Water Table (C2)			
Saturation (A3)			rue Aquatic Plar	nts (B14)				Crayfish Burrows (C8)			
Water Marks (B	31) 	<sup>I</sup>	Hydrogen Sulfide	Odor (C1)				Saturation Visible on Aerial Imagery (C9)			
Sediment Depo	isits (B2)	(	Jxidized Rhizosp	neres on Living	Roots (C3)			Stunted or Stressed Plants (D1)			
Drift Deposits (E	33)	F	resence of Redu	uced Iron (C4)				Geomorphic Position (D2)			
Algal Mat or Cru	ust (B4)	F	Recent Iron Redu	iction in Tilled S	Soils (C6)			FAC-Neutral Test (D5)			
Iron Deposits (F	35)		hin Muck Surfac	e (C7)							

Primary Indicators (minimum	of one is require	ed; check al	I that ap	oply)	Surface Soil Cracks (B6)
Surface Water (A1)				Water-Stained Leaves (B9)	Drainage Patterns (B10)
High Water Table (A2)		-		Aquatic Fauna (B13)	Dry-Season Water Table (C2)
Saturation (A3)		-		True Aquatic Plants (B14)	Crayfish Burrows (C8)
Water Marks (B1)		-		Hydrogen Sulfide Odor (C1)	Saturation Visible on Aerial Imagery (C9)
Sediment Deposits (B2) Oxidized Rhizospheres on Living Roots (C3)					(C3) Stunted or Stressed Plants (D1)
Drift Deposits (B3) Presence of Reduced Iron (C4)					Geomorphic Position (D2)
Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6)					6) FAC-Neutral Test (D5)
Iron Deposits (B5) Thin Muck Surface (C7)					
Inundation Visible on Ae	rial Imagery (B7	r)		Gauge or Well Data (D9)	
Sparsely Vegetated Con	cave Surface (E	38)		Other (Explain in Remarks)	
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes Yes Yes	No No No	X X X	Depth (inches): Depth (inches): Depth (inches):	Wetland Hydrology Present? Yes NoX
Describe Recorded Data (stre USGS topo map (Figure 1), WWI map (Figure 5), NOAA	eam gauge, mor 1-foot contour 's AHPS map (	nitoring well, r map (Figu Figure 6),	, aerial re 2), N Local V	photos, previous inspections), if available: IRCS Soils Map (Figure 3), Aerial Maps fro WETS table, and FSA Crop Slide:	≝ s from 2000, 2005, 2010, and 2013 (Figures 4A-D),
Remarks. wettand hydr	blogy criterion	is not met	•		

					Franklin /	<b>.</b>		
Project/Site: Loom	is Road Parcels			0	ity/County: Milwaukee	Samplin	ng Date: October 29, 2	2014
Applicant/Owner:	Bear Developme	ent, LLC			State:	WI	Sampling Point:	T-8 DP-16 WTD
Investigator(s):	Heather D. Patti	, PWS			Section, Township, Ra	ange: Section	n 30, T5N R21E	
Landform (hilisiope, te	errace, etc.):	wetland depression		Loca	l relief (concave, convex, n	ione): concav	ve	
Slope (%): U%		Lat: See Figure 2		Long: See Figu	re 2	in or the states.	Datum: See Figure 2	
Soil Map Unit Name:		Biount silt loam, 1-	3% slopes (BIA	), Hydric Inclusions	W	wi Classification:	no	ne
Are climatic / hydrolog	gic conditions on th	ne site typical for this time o	of year?		Yes X No	(if no, e	explain in Remarks)	
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circums	stances" present?	Yes	<u>X</u> No
Are vegetation	N Soil	N or Hydrology	<u>n</u> naturally	y problematic?	(if needed, explain a	ny answers in Rei	marks)	
SUMMARY OF I	FINDINGS /	Attach site map sho	wing sampl	ling point location	s, transects, import	tant features,	, etc.	
Hydrophytic Vegetatio	on Present?	Yes X	No		Is the Sampled Area			
Hydric Soil Present?		Yes X	No		within a Wetland?		Yes X	No
Wetland Hydrology P	resent?	Yes X	No		If yes, optional wetla	nd site ID:	W-5	
Bomarka	Man made pend	with tile outlet on porth	and there is a	strong tonographic br	ak along the entire weth	and boundary		
Remarks.	Man-made pond		enu - mere is a	strong topographic bit	eak along the entire weta	and boundary.		
VEGETATION -	Use scientific r	names for plants.					Sampling Point:	T-8 DP-16 WTD
		Absolute %	Dominant	Indicator	Dominance T	est Worksheet		
Tree Stratum (Plot siz	ze: 30'R	) Cover	Species	Status	Dominance	· · · · ·		
1. <u>n/a</u> 2.		<u> </u>			Number of Dor That Are OBL,	minant Species FACW, or FAC:	2	(A)
3.					Total Number	of Dominant		
4					Species Acros	s All Strata:	2	(B)
5		- <u> </u>			Porcent of Dor	minant Species		
0 7					That Are OBL.	FACW. or FAC:	100%	(A/B)
		=	Total Cover		,	- ,		
					Prevalence In	dex Worksheet:		
					Tot	al % Cover of:	Multip	ly by:
Sapling/Shrub Stratur	n (Plot size:	15'D \			OBL species		x 1 =	
1. n/a		15 K )			FAC species	·	x 2 =	
2.					FACU species		x 4 =	
3.					UPL species		x 5 =	
4					Column Totals	:	(A)	(B)
5		·		·	Provalan	co Index B/A -	n/a	
7.					Flevalen	ICE INDEX DIA -	11/a	
		=	Total Cover		Hydrophytic \	egetation Indica	ators:	
					<u>x</u>	Rapid Test for Hy	drophytic Vegetation	
					<u>x</u>	Dominance Test is	s >50%	
Herb Stratum (Plot siz	70 <sup>.</sup> 5'R	)			—	Prevalence Index	$IS \leq 3.0^{\circ}$	oporting
1. Typha latifolia	. <b>.</b> .	/ 60%	Y	OBL		data in Remarks	s or on separate sheet	)
2. Bidens frondos	a	30%	Y	FACW		Problematic Hydro	ophytic Vegetation <sup>1</sup> (E	, xplain)
3. Dactylis glomer	rata	20%	Ν	FACU				
4					1			
5					Indicators of	hydric soil and we	etland hydrology must	
6 7					be present, u	niess disturbed of	problematic.	
8.		· ·						
9.								
10.								
11		· ·						
12		· ·						
14.		· ·						
		110% =	Total Cover					
Woody Vine Stratum	(Plot size: 30'R	)						
1 Vitio viz - viz		00/		FACIN				
1. vitis riparia		3%	N	FAGW				
3.					Hvdrophytic			
4		- <u>-</u> ·			Vegetation			
		3%	= Total Cover		Present?	Yes	<u>X</u> No	
Remarks: (Include ph	oto numbers berg	or on a senarate sheet )						
Hydrophytic vegetat	tion criterion is m	et. Man-made pond with	tile outlet depr	ession on north end.				

Sampling Point: T-8 DP-16 WTD

	Matrix			Redox Featu	res	2		
nes)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-10	10YR 4/1	90%	10YR 5/6		C	<u>M</u>		
Type: C=Concentra	ation, D=Depletion, RM=Redu	uced Matrix, CS=	Covered or Coat	ted Sand Grains		2	Location: PL=Pore Lining, M=Mat	rix
ydric Soil Indicate Histosol (A1) Histic Epipedor Black Histic (A3 Hydrogen Sulfic Stratified Layer 2 cm Much (A1 Depleted Below Thick Dark Surt Sandy Mucky M	ors: a) b) b) c) c) c) c) c) c) c) c) c) c		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S .oamy Mucky Mir .oamy Gleyed Mi Depleted Matrix ( Redox Dark Surf Depleted Dark Surf Redox Depressio	atrix (S4) 5) S6) neral (F1) atrix (F2) F3) F3) rface (F6) urface (F7) ns (F8)			Indicators for Problematic Coast Prairie Redox Dark Surface (S7) (L 5 cm mucky peat or Iron-Manganese Ma Very Shallow Dark S Other (Explain in Re	Hydric Soils <sup>3</sup> : (A16) (LRR,K,L,R) .RR,K,L) peat (S3)(LRR,K,L) sses (F12) (LRR,K,L,R) urface (TF12) marks)
							<sup>3</sup> Indicators of hydrophytic ev hydrology must be present, u problematic.	egetation and wetland Inless disturbed or
estrictive Layer (i Type: none	if observed): , n/a					Hyd	Iric Soil Present? Yes	<u>X No</u>

## HYDROLOGY

Wetland Hydrology Indicato Primary Indicators (minimum	of one is req	uired; cl	heck all tha	t apply)			Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
X       Surface Water (A1)         X       High Water Table (A2)         X       Saturation (A3)         Water Marks (B1)       Sediment Deposits (B1)         Sediment Deposits (B3)       Algal Mat or Crust (B4)         Iron Deposits (B5)       Inundation Visible on Ae         Sparsely Vegetated Con	rial Imagery ( cave Surface	(B7) 9 (B8)		Water-Stained Leave Aquatic Fauna (B13) True Aquatic Plants Hydrogen Sulfide Oc Oxidized Rhizosphet Presence of Reduce Recent Iron Reductio Thin Muck Surface ( Gauge or Well Data Other (Explain in Re	es (B9) ) (B14) dor (C1) res on Living Roots ad Iron (C4) on in Tilled Soils (C6 (C7) (D9) emarks)	(C3) 5)	Drainage Patterns (B10)         Dry-Season Water Table (C2)         Crayfish Burrows (C8)         Saturation Visible on Aerial Imagery (C9)         Stunted or Stressed Plants (D1)         X       Geomorphic Position (D2)         X       FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)	Yes Yes Yes	x x x	No No No	Depth (inches): Depth (inches): Depth (inches):	6" 0" 0"		Wetland Hydrology Present? Yes X No
Describe Recorded Data (stre USGS topo map (Figure 1), WWI map (Figure 5), NOAA Remarks: Wetland hydr	am gauge, n 1-foot conto 's AHPS ma ology criteri	nonitorir our map p (Figu	ng well, aeri o (Figure 2) re 6), Loca ot met. Hy	ial photos, previous insp ), NRCS Soils Map (Fig al WETS table, and FSA 	vections), if available gure 3), Aerial Maps A Crop Slide: fface water maintai	s from 2000, 2005, ned throughout the	2010, and 2013 (Figures 4A-D), e growing season.

					Franklin /		
Project/Site: Loom	nis Road Parcels				City/County: Milwaukee	Sampling Date: October 29,	2014
Applicant/Owner:	Bear Developm	ient, LLC			State: W	I Sampling Point	: T-9 DP-17 UPL
Investigator(s):	Heather D. Patt	ti, PWS			Section, Township, Range:	Section 30, T5N R21E	
Landform (hillslope, t	terrace, etc.):	backslope			Local relief (concave, convex, none):	convex	
Slope (%): 10%		Lat: See Figure 2		Long: Se	e Figure 2	Datum: See Figure 2	2
Soil Map Unit Name:		Ashkum silty clay	/ loam 0-2% sl	opes (AsA). Hvdri	c WWI Class	sification: n	one
Are climatic / hydrolo	aic conditions on t	the site typical for this time	of vear?	, , , , , , , , , , , , , , , , , , ,	Yes X No	(if no explain in Remarks)	
Are Vegetation	*V Soil	N or Hydrology	N significa	antly disturbed?	Are "Normal Circumstances"	present?	No Y
Are Vegetation	N Soil	N or Hydrology	N significa	w problematic?	(if peeded, explain any apsw	present: res	
Are vegetation	<u> </u>	<u> </u>	<u> </u>	y problematie:		cio in Remarkoj	
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point loc	ations, transects, important fe	atures, etc.	
	<b>. .</b>		<u> </u>	<u> </u>			
Hydrophytic Vegetati	ion Present?	Yes	. No	X	Is the Sampled Area		
Hydric Soil Present?		Yes	. No	X	within a Wetland?	Yes	No X
Wetland Hydrology P	Present?	Yes	. No	X	If yes, optional wetland site II	D: <b>N/A</b>	
Remarks:	*Active corn fie	eld - corn is healthy, no cr	op stress		•		
	None of the we	tland criteria have been n	net				
<b>VEGETATION</b> -	Use scientific	names for plants.				Sampling Point:	T-9 DP-17 UPL
		Absolute %	Dominant	Indicator			
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	Dominance Test Work	ksheet:	
,		<u> </u>			Number of Dominant S	pecies	
1. <u>n/a</u>					That Are OBL, FACW,	or FAC: 0	(A)
2.							_
3.					Total Number of Domin	nant	
4					Species Across All Stra	ata: <u>1</u>	(B)
5							
6					That Are OBL FACW		
/			Total Cover		mat Ale OBL, FACW,	01 FAC: 0%	(AVB)
					Prevalence Index Wor	rksheet:	
					Total % Cov	ver of: Multi	ply by:
					OBL species	x 1 =	
Sapling/Shrub Stratu	ım (Plot size:	15'R )			FACW species	x 2 =	
1. <u>n/a</u>					FAC species	x 3 =	
2.					FACU species	x 4 =	
3.					UPL species	x 5 =	
4					Column Totals:	(A)	(B)
5							
6					Prevalence Index	(B/A = <u>n/a</u>	
/		<u> </u>	Total Cover		Hydronhytic Vegetati	on Indicators:	
					Rapid Te	est for Hydrophytic Vegetation	
					Dominan	ce Test is >50%	
					Prevalen	ice Index is $\leq 3.0^1$	
Herb Stratum (Plot si	ize: 5'R	)			Morpholo	ogical Adaptations <sup>1</sup> (Provide si	upporting
1. Zea mays		90%	Y	UPL	data in	Remarks or on separate shee	et)
2.					Problema	atic Hydrophytic Vegetation1 (E	Explain)
3.							
4.							
5					<sup>1</sup> Indicators of hydric so	oil and wetland hydrology must	t
6					be present, unless dis	sturbed or problematic.	
7							
8							
10							
10							
12							
13.							
14.							
		90% =	Total Cover				
Woody Vine Stratum	(Plot size: 30'R	)					
1. <u>n/a</u>							
2					Literature as to set a		
3				·	Hydrophytic		
ч. <u></u>			= Total Cover		Present?	Yes Nr	х
						NC	—
Remarks: (Include pl	noto numbers here	or on a separate sheet.)			•		
Hydrophytic vegeta	tion criterion is r	not met. No crop stress o	bserved.				

Sampling Point: T-9 DP-17 UPL

Profile Description:	(Describe to the depth ne	eded to docum	nent the indicator	r or confirm th	ne absence o	of indicate	ors.)	
(inches)	Color (moist)	%	Color (moist)	Keuox reau		L oc <sup>2</sup>	Tovturo	Remarks
0-8		100%	COIOI (IIIOISI)		Type	LUC	si cl loam	Remarks
0-0	101R 4/2	100%			·		si ci loam	
8-13	10YR 3/2	100%					si ci loam	
13-20	10YR 5/2	90%	10YR 5/6	10%	<u> </u>	M	silty clay	
				·				
					·			
<sup>1</sup> Type: C=Concentration	on, D=Depletion, RM=Redu	uced Matrix, CS	-Covered or Coat	ted Sand Grair	IS.	2	Location: PL=Pore Li	ining, M=Matrix
Hydric Soil Indicator	s:						Indicators for F	Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)			Sandy Gleved Ma	atrix (S4)			Coast P	Prairie Redox (A16) (LRR.K.L.R)
Histic Epipedon (	A2)		Sandy Redox (S5	) )			Dark Su	urface (S7) (LRR.K.L)
Black Histic (A3)	_/		Stripped Matrix (S	, 36)			5 cm m	ucky peat or peat (S3)(LRR.K.L)
Hvdrogen Sulfide	; (A4)		Loamv Mucky Mir	neral (F1)			Iron-Ma	inganese Masses (F12) (LRR.K.L.R)
Stratified Lavers	(A5)		Loamy Gleved Ma	atrix (F2)			Verv Sh	nallow Dark Surface (TF12)
2 cm Much (A10)		·	Depleted Matrix (F	F3)			Other (F	Explain in Remarks)
Depleted Below [	Dark Surface (A11)	·	Redox Dark Surfa	ace (F6)				
Thick Dark Surface	ce (A12)	·	Depleted Dark Su	urface (F7)				
Sandy Mucky Mir	neral (S1)	i	Redox Depressior	ns (F8)				
				( )				
							<sup>3</sup> Indicators of hy	drophytic evegetation and wetland
							hydrology must	be present, unless disturbed or
							problematic	
							problemater	
Restrictive Layer (if o	observed):			I		·		
Type: none				l	1			
Depth (inches):	n/a					Hyd	ric Soil Present?	Yes <u>No X</u>
Remarks: Hydric	soil criterion is met.				i			
HIDKOLOGI								
Wetland Hydrology In	ndicators:						Second	ary Indicators (minimum of two required)
Primary Indicators (min	nimum of one is required; c	heck all that ap	ply)					Surface Soil Cracks (B6)
Surface Water (A	1)		Water-Stained Le	aves (B9)		_		Drainage Patterns (B10)
High Water Table	.,		A succeive a Cause (D	100 (20)				
			Aduatic Fauna (B)	131				Dry-Season Water Table (C2)

Geomorphic Position (D2) Drift Deposits (B3) Presence of Reduced Iron (C4) Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5) Iron Deposits (B5) Thin Muck Surface (C7) Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Other (Explain in Remarks) Sparsely Vegetated Concave Surface (B8) Field Observations: Surface Water Present? Yes No х Depth (inches): Water Table Present? Yes No Х Depth (inches): X Depth (inches): Wetland Hydrology Present? Yes Saturation Present? Yes No No<u>X</u> (includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Hydrogen Sulfide Odor (C1)

Oxidized Rhizospheres on Living Roots (C3)

Remarks: Wetland hydrology criterion is not met. No indication of consistent wetness on FSA crop slides or aerials.

Water Marks (B1)

Sediment Deposits (B2)

Saturation Visible on Aerial Imagery (C9)

Stunted or Stressed Plants (D1)

				Franklin /	
Project/Site: Loomi	s Road Parcels			City/County: Milwaukee Sampling Date: October 29, 2014	
Applicant/Owner:	Bear Developme	ent, LLC		State: WI Sampling Point: T-9 DP-1	8 WTD
Investigator(s):	Heather D. Patti	, PWS		Section, Township, Range: Section 30, T5N R21E	
Landform (hillslope, te	errace, etc.):	wetland depression		Local relief (concave, convex, none): concave	
Slope (%): 0%		Lat: See Figure 2	Long: S	iee Figure 2 Datum: See Figure 2	
Soil Map Unit Name:		Ashkum silty clay	loam 0-2% slopes (AsA), Hyd	fric WWI Classification: T3/W0Hx	
Are climatic / hydroloc	nic conditions on th	ne site typical for this time of	f vear?	Yes X No (if no explain in Remarks)	
Are Vegetation	N Soil	N or Hydrology	N significantly disturbed?	Are "Normal Circumstances" present?	No
Are Vegetation	N Soil	N or Hydrology	N paturally problematic?	(if needed, explain any answers in Remarks)	
All Vogetation		<u> </u>			
SUMMARY OF F	INDINGS	Attach site map sho	wing sampling point loo	cations, transects, important features, etc.	
· · · · · · · ·			5 1 51		
Hydrophytic Vegetatic	on Present?	Yes X	No	Is the Sampled Area	
Hydric Soil Present?		Yes X	No	within a Wetland? Yes X No	
Wetland Hydrology Pr	resent?	Yes X	No	If yes, optional wetland site ID: W-6	
Pomarks:	Pond with outor	formed perimeter			
itemaiks.	Fond with outer	lamed permeter			
VEGETATION -	Use scientific i	names for plants.		Sampling Point: T-9 DP	2-18 WTD
			Dominant Indiantan		
Tree Stratum (Plot siz	- 30'R	Absolute %	Species Status	Dominance Test Worksheet:	
Thee Stratum (Fiot Siz	.e. 30 K		Species Status	Number of Dominant Species	
1. Salix nigra		60%	Y OBL	That Are OBL, FACW, or FAC: 4 (A)	
2.		0070			
3.				Total Number of Dominant	
4.				Species Across All Strata: 4 (B)	
5.					
6.				Percent of Dominant Species	
7.				That Are OBL, FACW, or FAC: 100% (A/B)	
		60% =	Total Cover		
				Prevalence Index Worksheet:	
				Total % Cover of: Multiply by:	
				OBL species x 1 =	
Sapling/Shrub Stratur	n (Plot size:	15'R)		FACW species x 2 =	
1. Fraxinus penns	ylvanica	10%	Y FACW	FAC species x 3 =	
2				FACU species x 4 =	
3				UPL species x 5 =	
4					В)
5				Dravelance Index, D/A	
0 7				Prevalence muex B/A = <b>m/a</b>	
<i>'</i>		10% =	Total Cover	Hydrophytic Vegetation Indicators:	
				X Rapid Test for Hydrophytic Vegetation	
				X Dominance Test is >50%	
				Prevalence Index is $\leq 3.0^{1}$	
Herb Stratum (Plot siz	ze: 5'R	)		Morphological Adaptations <sup>1</sup> (Provide supporting	
1. Phalaris arundii	nacea	100%	Y FACW	data in Remarks or on separate sheet)	
2.				Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
3.					
4.					
5.				<sup>1</sup> Indicators of hydric soil and wetland hydrology must	
6.				be present, unless disturbed or problematic.	
7					
8					
9					
10					
11.					
12.					
13.					
14.		100% -	Total Cover		
Woody Vine Stratum	(Plot size: 30'R	)			
		<u> </u>			
1. Vitis riparia		10%	Y FACW		
2.					
3.				Hydrophytic	
4.				Vegetation	
		10%	= Total Cover	Present? Yes X No	
Remarks: (Include pho	oto numbers here	or on a separate sheet.)			
Hydrophytic vegetat	ion criterion is m	et.			

## Sampling Point: T-9 DP-18 WTD

	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-10	10YR 2/1	100%					si cl loam	
10-12	10YR 2/1	90%	10YR 5/6	10%	С	М	si cl loam	
12-18	10YR 5/1	70%	10YR 5/6	30%	С	М	si cl loam	
		_						
				·			·	
ype: C=Concentrat	tion, D=Depletion, RM=Red	uced Matrix, CS	=Covered or Coat	ed Sand Grain	S.	²L	Location: PL=Pore L	ining, M=Matrix
Histosol (A1)	rs:		Sandy Cloved Ma	atrix (SA)			Indicators for F	Problematic Hydric Solls :
Histic Epipedon	(A2)		Sandy Redox (S5	)			Dark Si	uface (S7) (LRR.K.L)
Black Histic (A3)	)		Stripped Matrix (S	56)			5 cm m	ucky peat or peat (S3) (LRR.K.L)
Hydrogen Sulfide	e (A4)		Loamy Mucky Mir	neral (F1)			Iron-Ma	inganese Masses (F12) (LRR,K,L,R)
Stratified Layers	(A5)		Loamy Gleyed Ma	atrix (F2)			Very Sh	nallow Dark Surface (TF12)
2 cm Much (A10)	))		Depleted Matrix (F	F3)			Other (I	Explain in Remarks)
Depleted Below	Dark Surface (A11)		Redox Dark Surfa	ace (F6)				
L Thick Dark Surfa	ace (A12)		Depleted Dark Su	Irface (F7)				
Sandy Mucky Mi	ineral (S1)		Redox Depressio	ns (F8)				
							<sup>3</sup> Indicators of hy hydrology must problematic.	/drophytic evegetation and wetland be present, unless disturbed or
estrictive Layer (if	observed):							
Type: none								
						Hvdi	ric Soil Present?	
Depth (inches):	n/a							
Depth (inches): emarks: Hydric	n/a c soil criterion is met.							
Depth (inches): emarks: <b>Hydric</b>	_n/a c soil criterion is met.							
Depth (inches): emarks: Hydric	_n/a c soil criterion is met.							
Depth (inches): emarks: Hydrid	_n/a c soil criterion is met.							
Depth (inches): emarks: Hydrid YDROLOGY fetland Hydrology f imary Indicators (m	n/a c soil criterion is met.	sheck all that an					Second	ary Indicators (minimum of two required)
Depth (inches): emarks: Hydrid HYDROLOGY fetland Hydrology frimary Indicators (m	_n/a c soil criterion is met. Indicators:	check all that app	oly)				Second	lary Indicators (minimum of two required) Surface Soil Cracks (B6)
Depth (inches): emarks: Hydrid HYDROLOGY fetland Hydrology rimary Indicators (m 	n/a c soil criterion is met. Indicators: ninimum of one is required; of A1) e (A2)	check all that ap	oly) Mater-Stained Le	aves (B9)			Second	ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (inches): emarks: Hydrid HYDROLOGY fetland Hydrology rimary Indicators (m Surface Water Table High Water Table Saturation (A3)	n/a c soil criterion is met. Indicators: ninimum of one is required; of A1) e (A2)	check all that ap	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan	aves (B9) 13) ts (B14)			Second	lary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Cravifish Burrows (C8)
Pepth (inches): emarks: Hydrid YDROLOGY etland Hydrology imary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1	n/a c soil criterion is met. Indicators: ninimum of one is required; of A1) le (A2) 1)	check all that ap	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide	aves (B9) 13) ts (B14) Odor (C1)		_	Second	ary 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)
Pepth (inches): emarks: Hydrid YDROLOGY etland Hydrology ( imary Indicators (m Surface Water ( <i>F</i> High Water Table Saturation (A3) Water Marks (B1 Sediment Depos	n/a c soil criterion is met. Indicators: inimum of one is required; of A1) e (A2) 1) its (B2)	check all that app	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp	aves (B9) 13) its (B14) Odor (C1) heres on Livinc	Roots (C3)		Second	ary 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)
Pepth (inches): Pemarks: Hydrid PyDROLOGY Petland Hydrology Pimary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depos Drift Deposits (B3	n/a c soil criterion is met. Indicators: hinimum of one is required; of A1) e (A2) 1) sits (B2) (3)	check all that app	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu	aves (B9) 13) 13: (B14) Odor (C1) heres on Living icced Iron (C4)	J Roots (C3)	_	Second 	lary 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)
Depth (inches): emarks: Hydrid Hydrology fimary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Depos Drift Deposits (B Algal Mat or Crus	n/a c soil criterion is met. Indicators: hinimum of one is required; of A1) e (A2) 1) sits (B2) (3) st (B4)	check all that app	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu	aves (B9) 13) 13: (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S	J Roots (C3) Soils (C6)	_	Second X X X	lary 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)
Pepth (inches): Pemarks: Hydrid PyDROLOGY Petland Hydrology Pimary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B1 Algal Mat or Crus Iron Deposits (B2	n/a c soil criterion is met. Indicators: ninimum of one is required; of A1) e (A2) 1) sits (B2) (3) st (B4) 5)	check all that app	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac	aves (B9) 13) 13: (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7)	J Roots (C3) Soils (C6)	_	Second X X X X	lary 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)
Depth (inches): emarks: Hydrid Hydrology fimary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B3 Algal Mat or Crus Iron Deposits (B3 Linundation Visibl	n/a c soil criterion is met. Indicators: hinimum of one is required; of A1) e (A2) 1) sits (B2) (3) st (B4) 5) le on Aerial Imagery (B7)		oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da	aves (B9) 13) 13) Vdor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7) tta (D9)	g Roots (C3) Soils (C6)		Second X X X X	lary 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)
Pepth (inches): emarks: Hydrid YDROLOGY etland Hydrology I imary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B2 Algal Mat or Crus Iron Deposits (B2 C Inundation Visibl Sparsely Vegeta	n/a c soil criterion is met. Indicators: inimum of one is required; of A1) e (A2) 1) sits (B2) (3) st (B4) 5) le on Aerial Imagery (B7) tted Concave Surface (B8)	check all that ap	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	I Roots (C3) Soils (C6)	_	Second X X X X	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)
Depth (inches): emarks: Hydrid YDROLOGY etland Hydrology imary Indicators (m Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B3 Algal Mat or Crus Iron Deposits (B3 Mathematical Crus Iron Deposits (B3 Mathemati	n/a c soil criterion is met. Indicators: hinimum of one is required; of A1) e (A2) 1) sits (B2) (3) st (B4) 5) le on Aerial Imagery (B7) tted Concave Surface (B8)	check all that app	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in	aves (B9) 13) ts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	_	Second X X X X	lary 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)
Depth (inches): emarks: Hydrid HYDROLOGY /etland Hydrology rimary Indicators (m Surface Water (A High Water Table X Saturation (A3) Water Marks (B1 Sediment Deposits (B3 Algal Mat or Cru: Iron Deposits (B3 Algal Mat or Cru: Iron Deposits (B3 X Inundation Visibli Sparsely Vegeta ield Observations: urface Water Preser	n/a c soil criterion is met. Indicators: hinimum of one is required; of A1) ie (A2) 1) sits (B2) 13) st (B4) 5) le on Aerial Imagery (B7) tted Concave Surface (B8) nt? Yes	check all that app	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in Depth (inches):	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	g Roots (C3) Soils (C6)	_	Second X X X X	lary 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)
Depth (inches): emarks: Hydrid IYDROLOGY /etland Hydrology I rimary Indicators (m Surface Water (A High Water Table X Saturation (A3) Water Marks (B1 Sediment Depos Drift Deposits (B Algal Mat or Crus Iron Deposits (B X Inundation Visibl Sparsely Vegeta ield Observations: urface Water Present /ater Table Present	n/a c soil criterion is met. Indicators: hinimum of one is required; of A1) le (A2) 1) sits (B2) (3) st (B4) 5) le on Aerial Imagery (B7) ted Concave Surface (B8) nt? ? Yes X	No X	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Oxidized Rhizosp Presence of Redu Recent Iron Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Other (Explain in Depth (inches): Depth (inches):	aves (B9) 13) its (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ita (D9) Remarks)	I Roots (C3) Soils (C6)	_	Second X X X X	lary 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)

USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Remarks: Wetland hydrology criterion is met. Visible on most FSA slides and spring aerials.

Prediction Construction of the second prediction of the second predicti						Franklin /		
State         Visit         State         Visit         State Control (Control (I))         State Control (Control (I))         State Control (I)         State Contro (I)	Project/Site: Loom	nis Road Parcels				City/County: Milwaukee	Sampling Date: October 29,	2014
Interdigencity     Interdigencity     Description     Description     Description       Diversity     UV     Link     Section 3.20 months     Diversity     Diversity       Diversity     UV     Link     Section 3.20 months     Diversity     Diversity       Diversity     Link     Section 3.20 months     Diversity     Diversity     Diversity       Diversity     Link     Section 3.20 months     Diversity     Diversity     Diversity       Diversity     Link     Section 3.20 months     Diversity     Diversity     Diversity       Diversity     Link     Diversity     Link     Diversity     Diversity       Diversity     Link     Diversity     Link     Diversity     Diversity       Diversity     Vision     Link     Diversity     Vision     Link       Diversity     Vision     Link     Diversity     Vision     Link       Diversity     Vision     Link     Diversity     Vision     Link       Diversity     Vision     Diversity     Vision     Diversity     Vision       Diversity     Vision     Diversity     Vision     Diversity     Vision       Diversity     Vision     Diversity     Vision     Diversity     Diversity <th>Applicant/Owner:</th> <th>Bear Developm</th> <th>ient, LLC</th> <th></th> <th></th> <th>State: W</th> <th>I Sampling Point</th> <th>: T-10 DP-19 UPL</th>	Applicant/Owner:	Bear Developm	ient, LLC			State: W	I Sampling Point	: T-10 DP-19 UPL
Landor Philoso, hanks, etc. : backdopt	Investigator(s):	Heather D. Patt	i, PWS			Section, Township, Range:	Section 30, T5N R21E	
Bits (N)         Let's Serigina 2         Long's Serigina 2         Deamises Program 2           Bits (Lin)         Mark 11 bits (Lin)         Mark 21 bits (Lin)         more           As dimain (Protoc)         Control 1 bits (Lin)         More 2         Mo	Landform (hillslope, t	terrace, etc.):	backslope			Local relief (concave, convex, none):	convex	
Balk Mux Nume:     Noting all Mux Or lipidings     Noting all Mux Or lipidings     Noting all Mux Or lipidings       Balk Mux Or Lipiding Mux Or lipidings     Mux or lipidings     Noting all Mux Or lipidings     Noting all Mux Or lipidings     Noting all Mux Or lipidings       Balk Mux Or Lipiding Mux Or Lipiding Mux Or lipidings     Mux Or lipidings     Noting all Mux Or lipidings     Noting all Mux Or lipidings       Balk Mux Or Lipiding Mux Or Lipiding Mux Or Lipiding Point Lipiding Point Lipidings     Noting all Mux Or Lipidings     Noting all Mux Or Lipidings       Balk Mux Or Lipiding Mux Or Lipiding Mux Or Lipiding Point Lipiding Point Lipidings     Noting all Mux Or Lipidings     Noting all Mux Or Lipidings       Balk Mux Or Lipiding Mux Or Lipiding Mux Or Lipiding Point Lipiding Point Lipiding Mux Or Lipiding Mux Or Lipiding Point Lipidings     Noting all Mux Or Lipidings     Noting all Mux Or Lipidings       Vector Mux Or Lipiding Mux Or Lipiding Mux Or Lipiding Or Lipidig Or Lipiding	Slope (%): 10%	_	Lat: See Figure 2		Long: Se	e Figure 2	Datum: See Figure 2	2
Are drated hydrologic consistors are the step shall for this time of year?  Are Vegetation  Ar	Soil Map Unit Name:		Morley silt loam 2-6%	eroded slopes	(MzdB2), Non-h	ydric WWI Class	sification: ne	one
Arr Vegetation       No       No <td>Are climatic / hvdrolo</td> <td>aic conditions on t</td> <td>the site typical for this time</td> <td>of vear?</td> <td></td> <td>Yes X No</td> <td>(if no. explain in Remarks)</td> <td></td>	Are climatic / hvdrolo	aic conditions on t	the site typical for this time	of vear?		Yes X No	(if no. explain in Remarks)	
Market Vor Finkunks       No       No       No         SUMMARY OF FINUNKS	Are Vegetation	*Y Soil	N or Hydrology	N significa	antly disturbed?	Are "Normal Circumstances"	present? Yes	No X
SUMARY OF FINDINGS Attach site map showing sampling point locations, transects, important features, etc.	Are Vegetation	N Soil	N or Hydrology	N naturally	problematic?	(if needed, explain any answ	ers in Remarks)	
SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc.	0		,,				,	
Hydrocopylic         Visit         No         X         Is it is Simpler Arons           Wethard Hydrology Present?         Yes         No         X         Is it is Simpler Arons           Retraits         "Active corn is health, no crop stress         No         X         If it is Simpler Arons           Retraits         "Active corn is health, no crop stress         No         X         If it is Simpler Arons           Retraits         "Active corn is health, no crop stress         No         X         If it is Simpler Arons           Retraits         "Active corn is health, no crop stress         No         X         If it is Simpler Arons           VEGETATION - Use scientific names for plants.         Sampling Pront         T100 Dentitional Species         If it is Core it is Note that the corn is health are known with the stress of the corn is health is the Simpler Arons within Species         If it is Core it is Note that the corn is health is the Simpler Arons within Species           1         ad	SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point loc	ations, transects, important fe	atures, etc.	
No       X       Within a Vestind?       Yes       No       X         Remains:       "Active corn field - corn is healthy, no crop stress None of the vestind criteria have been met.       No       X       If yes, patient welland site ID:	Hydrophytic Vegetati	ion Present?	Yes	No	x	Is the Sampled Area		
No         X         If yes, optimal relation are list.         NA         NA           Remark         "Active corn is headly, no crop stress         NA         NA         NA           Remark         "Active corn is headly, no crop stress         NA         The stress         NA           VEGETATION - Use scientific names for plants.         Sampling Print:         The DPH SPUE         The DPH SPUE         The DPH SPUE           1         Addition of the workshow mod.         Sampling Print:         The DPH SPUE         Dominant Relations         Sampling Print:         The DPH SPUE           1         Addition         Sampling Print:         The DPH SPUE         Definition         Sampling Print:         The DPH SPUE           1         Addition         Sampling Print:         The DPH SPUE	Hydric Soil Present?		Yes	No	<u>x</u>	within a Wetland?	Vec	No X
None of the wetland criteria hashity, no crop stress None of the wetland criteria hashity, no crop stress None of the wetland criteria hashity, no crop stress         Sampling Prote:         Total DP-15 UPL           VEGETATION - Use scientific names for plants.         Sampling Prote:         Total DP-15 UPL         Dominance Test Worksheet:         0         0         (A)           1         Acciute print         Cover         Sampling Prote:         Total DP-15 UPL         Dominance Test Worksheet:         0         (A)           2	Wetland Hydrology F	Prosont?	Yes	No	<u>x</u>	If ves optional wetland site II	D· N/A	
Remain:       *Active corn field - corn is healthy, no copp stress.         VEGETATION - Use scientific names for plants.       Sampling Pane:       To DD-19 UPL         The Statum (Pot taxe: 30R)       Attacket Micro Common Stream       Number of Dominant Species.       0 (A)         1. <i>no</i>	Wetland Hydrology P	Tesent:	163	110	<u> </u>	ii yes, optional wettand site ii	J. N/A	
None of the vetland criteria have been met.           VEGETATION - Use scientific names for plants.         Sampling Point         Index 2018         Sampling Point         Tota Devices           Tree Stratum [Plot size: 2017	Remarks:	*Active corn fie	eld - corn is healthy, no cr	op stress				
VEGETATION - Use scientific names for plants.       Sampling Point       Tota DD-19 UPL         Trace Stratum (Pot size: 30R)       Abouts %       Dominant       Indicator         1. n/a		None of the we	tland criteria have been n	net.				
Attachulle %       Dominant       Indicator         Seades       Sautus       Number of Dominant       Number of Dominant         1       Add       Seades       Sautus         1       Add       Image: Seades       Sautus         2       Image: Seades       Sautus       Number of Dominant       Species         1       Add       Image: Seades       Sautus       Image: Seades       Image: Seades         7       Image: Seades       Statum (Plot size: 1978)       Image: Seades	VEGETATION -	Use scientific	names for plants.				Sampling Point:	T-10 DP-19 UPL
Time Stratum (Plot size: 30'R)       Cover       Spaces       Status         1       Additional and the stratum strates the stratum strat			Absolute %	Dominant	Indicator	Dominance Test Worl	kahaati	
* na	Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	Dominance Test work	Asheet.	
1. m²						Number of Dominant S	pecies	
2	1. <u>n/a</u>					That Are OBL, FACW,	or FAC: 0	(A)
3	2					Total Number of Domin	ant	
a	3					Species Across All Stra	1dill 212: 1	(B)
s	5.							(0)
7.	6.					Percent of Dominant S	pecies	
Saping/shub Stratum (Plot size: 15'R)       1:00         1:00       1:00         2:3       1:00         2:5       1:00         3:5       1:00         3:5       1:00         3:5       1:00         3:5       1:00         3:5       1:00         3:5       1:00         3:5       1:00         3:6       1:00         1:7       1:00         1:1	7.					That Are OBL, FACW,	or FAC: 0%	(A/B)
SapingShub Stratum (Plot size: 15R)       1. n/a			=	Total Cover				_
Saping Shrub Stratum (Plot size: 15R)       1.0°/////       1.0°////       1.0°////       1.0°////       1.0°///       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°////       1.0°//// <td></td> <td></td> <td></td> <td></td> <td></td> <td>Prevalence Index Wor</td> <td>rksheet:</td> <td></td>						Prevalence Index Wor	rksheet:	
SapingShrub Stratum (Plot size: 15%)       15%)         1       nem         2						Total % Cov	/er of: Multip	ply by:
adaming prints brind in them is see       10 kg         2	Conling/Chruh Ctratu	(Dist size)					X 1 =	
1       1	Sapling/Shrub Stratu	im (Plot size:	15'K)			FACW species	x 2 =	
3	1. <u>11/a</u>					FACILI species	× 4 =	
4.	3.					UPL species	x 5 =	
5.	4.					Column Totals:	(A)	(B)
6.	5.							
7.	6					Prevalence Index	(B/A = <b>n/a</b>	
	7			<b>T</b> . 1.0				
Herb Stratum (Plot size: 5'R			=	Total Cover		Hydrophytic Vegetatio	on Indicators:	
Herb Stratum (Plot size: 5'R						Rapid Te	st for Hydrophytic Vegetation	
Herb Stratum (Plot size: 5'R   1. Zea mays 90%   2. Sinapsis arvensis 10%   3. 10%   4. 10%   5. 10%   6. 10%   7. 10%   9. 10%   10. 10%   11. 100%   12.   13.   14.   10.   14.   10.   14.   10.   14.   10.   15.   16.   17.   17.   18.   19.   10.   11.   12.   13.   14.   100%   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   3.   4.   2.   3.   3.   3.   3.   4.   2.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   3.   4.   3.   3.   3.						Dominari	the rest is $>50\%$	
I. Zearmay     90%     Y     UPL       2. Singpsis arvensis     10%     N     UPL       3	Herb Stratum (Plot si	ize <sup>.</sup> 5'R	)			Morphole	ogical Adaptations <sup>1</sup> (Provide su	poorting
2. Sinapsis arvensis       10%       N       UPL       Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)         3.	1. Zea mays		<u> </u>	Y	UPL	data in	Remarks or on separate shee	t)
a.	2. Sinapsis arven	sis	10%	N	UPL	Problema	atic Hydrophytic Vegetation1 (E	, Explain)
4.	3.							
5.	4							
6.	5					<sup>1</sup> Indicators of hydric so	oil and wetland hydrology must	
1.	6					be present, unless dis	sturbed or problematic.	
0.	7							
0.	8 9							
11.	10.							
12.   13.   14.   100%   = Total Cover     Woody Vine Stratum (Plot size: 30'R)   1.   1.   2.   3.   4.	11.							
13.   14.   100%   Total Cover     Woody Vine Stratum (Plot size: 30'R)   1. <td< td=""><td>12.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	12.							
14.	13.							
100%       = Total Cover         Woody Vine Stratum (Plot size: 30'R)       )         1. n/a	14							
Woody Vine Stratum (Plot size: 30'R)			100% =	Total Cover				
Woody Vine Stratum (Plot size: 30'R)								
Woody Vine Stratum (Plot size: 30'R)								
1.     n/a       2.	Woody Vine Stratum	(Plot size: 30'P	)					
1. n/a	Woody Ville Offatain		/					
2.	1. <i>n/a</i>							
3.	2.							
4 = Total Cover Vegetation Present? Yes No _X Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.	3.					Hydrophytic		
= Total Cover     Present?     Yes     No     X       Remarks: (Include photo numbers here or on a separate sheet.)       Hydrophytic vegetation criterion is not met. No crop stress observed.	4.					Vegetation		
Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.				= Total Cover		Present?	Yes No	<u>x</u>
Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.								
Hydrophytic vegetation criterion is not met. No crop stress observed.	Remarks: (Include al	noto numbero bero	or on a senarate chect )					
	Hydrophytic vegeta	tion criterion is n	of met. No crop stress of	bserved.				

## Sampling Point: T-10 DP-19 UPL

Color (moist)           0-10         10YR 3/1           10-15         10YR 3/1           15-20         10YR 5/2	<u>%</u> 100%	Color (moist)	0/	1	2		
0-10         10YR 3/1           10-15         10YR 3/1           15-20         10YR 5/2	100%		70	Type'	Loc <sup>2</sup>	Texture	Remarks
10-15         10YR 3/1           15-20         10YR 5/2						si cl loam	
15-20 10YR 5/2	95%	10YR 5/6	5%	С	М	si cl loam	
	90%	10YR 5/6	10%	С	м	silty clay	
			·				
<u> </u>							
			·				
Turney C. Concentration, D. Depletion, DM, D.	aduard Matrix CC	Covered or Coo	ted Cond Crain		2	apatians DL Dava Lining M Matrix	
Type. C=Concentration, D=Depletion, RM=R	educed Matrix, CS=C	Jovered of Coa	teu Sanu Grains	ò.	L	Location. PL=Pore Lining, M=Matrix	
ydric Soil Indicators:						Indicators for Problematic Hyd	ric Soils <sup>3</sup> :
Histosol (A1)	Sa	andy Gleyed Ma	atrix (S4)			Coast Prairie Redox (A1	6) (LRR,K,L,R)
Histic Epipedon (A2)	Sa	andy Redox (S5	5)			Dark Surface (S7) (LRR,	K,L)
Black Histic (A3)	St	ripped Matrix (S	56) 			5 cm mucky peat or peat	(S3)(LRR,K,L)
Hydrogen Sulfide (A4)	Lo	amy Mucky Mil	neral (F1) atrix (E2)			Iron-Manganese Masses	(F12) <b>(LRR,K,L,R)</b>
2 cm Much (A10)	LC	enleted Matrix (	E3)			Other (Explain in Remark	(1)
Depleted Below Dark Surface (A11)	R	edox Dark Surf	ace (F6)				(0)
Thick Dark Surface (A12)	De	epleted Dark Su	urface (F7)				
Sandy Mucky Mineral (S1)	Re	edox Depressio	ns (F8)				
						<sup>3</sup> Indicators of hydrophytic eveget	ation and wetland
						hydrology must be present, unles	s disturbed or
						problematic.	
estrictive Layer (if observed):							
Death (inches):							N- X
Depth (inches): <b>n/a</b>					Hydi	ic Soil Present? Yes	<u>NO X</u>
Iomorko: Hudria sail aritarian is not m							
enarks. Hydric son citterion is not me	÷L.						

Wetland Hydrology Indicat Primary Indicators (minimum	ors: of one is required	d; check all	that app	ly)		Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)	
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 Ae Sparsely Vegetated Cor	erial Imagery (B7) ncave Surface (B8		V	Vater-Stained Leaves (B9) (quatic 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) Sauge or Well Data (D9) Other (Explain in Remarks)	_	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? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str USGS topo map (Figure 1) WWI map (Figure 5), NOA/	Yes Yes Yes ream gauge, monit I, 1-foot contour r A's AHPS map (Fi	No No No toring well, map (Figur igure 6), L	X X x aerial pl re 2), NF ocal W	Depth (inches): Depth (inches): Depth (inches): hotos, previous inspections), if available: RCS Soils Map (Figure 3), Aerial Maps from ETS table, and FSA Crop Slide:	n 2000, 2005, 2010,	Wetland Hydrology Present? Yes <u>No</u> and 2013 (Figures 4A-D),	<u>x</u>
Remarks: Wetland hyd	rology criterion is	s not met.	No indi	cation of consistent wetness on FSA crop	slides or aerials.		

					Franklin /		
Project/Site: Loon	nis Road Parcels				City/County: Milwaukee	Sampling Date: October 29, 2014	
Applicant/Owner:	Bear Developm	ent, LLC			State: W	I Sampling Point: T-10 DP-20 W	/TD
Investigator(s):	Heather D. Patt	i, PWS			Section, Township, Range:	Section 30, T5N R21E	
Landform (hillslope,	terrace, etc.):	wetland depression			Local relief (concave, convex, none):	slightly concave	
Slope (%): 0%		Lat: See Figure 2		Long: See	e Figure 2	Datum: See Figure 2	
Soil Map Unit Name:	:	Morley silt loam 2-6%	eroded slopes	(MzdB2), Non-hy	vdric WWI Class	sification: none	
Are climatic / hydrolo	ogic conditions on t	he site typical for this time of	f year?		Yes X No	(if no, explain in Remarks)	
Are Vegetation	N Soil	N or Hydrology	N significa	antly disturbed?	Are "Normal Circumstances"	present? Yes X No	
Are Vegetation	N Soil	N or Hydrology	*Y naturall	y problematic?	(if needed, explain any answ	vers in Remarks)	
0						,	
SUMMARY OF	FINDINGS	Attach site map sho	wing samp	ling point loca	ations, transects, important fe	atures, etc.	
Hydrophytic Vegetat	ion Present?	Yes X	No		Is the Sampled Area		
Hydric Soil Present?		Yes X	No		within a Wetland?	Yes X No	
Wetland Hydrology F	Present?	Yes X	No		If yes, optional wetland site I	D: W-6	
Trottailla Tiyarology I		100					
Remarks:	Pond with fresh	h (wet) meadow perimeter.	*Hydrology is	s seasonal			
VEGETATION -	Use scientific	names for plants				Sampling Point: T-10 DP-20	WTD
			Dominant	Indicator			
Tree Stratum (Plot si	ize: 30'R	) Cover	Species	Status	Dominance Test Wor	ksheet:	
· · · · · · · · · · · · · · · · · · ·				olaldo	Number of Dominant S	Species	
1. <u>n/a</u>					That Are OBL, FACW,	or FAC: <u>3</u> (A)	
2.							
3.					Total Number of Domin	nant	
4					Species Across All Stra	ata: <u>3</u> (B)	
5					Percent of Dominant S	(noning	
7					That Are OBL FACW	or FAC: <b>100%</b> (A/B)	
··			Total Cover				
					Prevalence Index Wo	rksheet:	
					Total % Co	ver of: Multiply by:	
					OBL species	x 1 =	
Sapling/Shrub Stratu	um (Plot size:	15'R)			FACW species	x 2 =	
1. Salix interior		5%	Y	FACW	FAC species	x 3 =	
2					FACU species	x 4 =	
3					OPL species	X 5 = (B)	
4 5					Column Totals.	(A) (B)	
6.					Prevalence Index	x B/A = <b>n/a</b>	
7.							
		5% =	Total Cover		Hydrophytic Vegetati	ion Indicators:	
					X Rapid Te	est for Hydrophytic Vegetation	
					<u>X</u> Dominar	nce Test is >50%	
Lissh Otration (Dist a		,			Prevaler	nce Index is ≤ 3.0'	
1 Phalaris arund	lize: 5'K	)	v	EACW	Morphol	Ogical Adaptations (Provide supporting	
2 Echinochloa c	rus-aalli	50%	Y	FACW	Problem	natic Hydrophytic Vegetation <sup>1</sup> (Explain)	
3.	uo guii		<u> </u>				
4.							
5.					<sup>1</sup> Indicators of hydric set	oil and wetland hydrology must	
6.					be present, unless dis	sturbed or problematic.	
7							
8							
9				·			
10.							
12							
13.							
14.							
		110% =	Total Cover				
Woody Vino Stratum		,					
woody vine Stratum	1 (1-101 3128. <b>30 K</b>	<u>/</u>					
1. <i>n/a</i>							
2.							
3.					Hydrophytic		
4.					Vegetation		
			Total Cover		Present?	Yes <u>X</u> No	
Remarks: (Include pl	hoto numbers here	or on a separate sheet )					

Hydrophytic vegetation criterion is met. Plant community is a degraded fresh (wet) meadow fringe around the pond.

/u1	Matrix			Redox Feat	ures			
ches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-4	10YR 2/1	100%					si cl loam	
4-11	10YR 2/1	90%	10YR 5/6	10%	С	М	si cl loam	
11-20	10YR 5/2	75%	10YR 5/6	30%	С	м	silty clay	
					·			
ype: C=Concentration, D=	Depletion, RM=Redu	uced Matrix, CS:	Covered or Coat	ed Sand Grain	IS.	2	Location: PL=Pore Lining, N	M=Matrix
ydric Soil Indicators:							Indicators for Proble	matic Hydric Soils <sup>3</sup> :
Histosol (A1)			Sandy Gleyed Ma	trix (S4)			Coast Prairie I	Redox (A16) <b>(LRR,K,L,R)</b>
Histic Epipedon (A2)			Sandy Redox (S5)	)			Dark Surface	(S7) <b>(LRR,K,L)</b>
Black Histic (A3)			Stripped Matrix (S	6)			5 cm mucky p	eat or peat (S3)(LRR,K,L)
			Loamy Mucky Min	eral (F1)			Iron-Mangane	se Masses (F12) (LRR,K,L,R)
Hydrogen Sulfide (A4)			-				-	
Hydrogen Sulfide (A4) Stratified Layers (A5)			Loamy Gleyed Ma	trix (F2)			Very Shallow I	Dark Surface (TF12)
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10)	urfaaa (A11)		Loamy Gleyed Ma Depleted Matrix (F	trix (F2) F3)			Very Shallow I Other (Explain	Dark Surface (TF12) in Remarks)
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) C Depleted Below Dark S Thick Dark Surface (A1	urface (A11)	x	Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa	trix (F2) F3) ace (F6)			Very Shallow I Other (Explain	Dark Surface (TF12) in Remarks)
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) 51)	x	Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depression	ttrix (F2) F3) ace (F6) rface (F7) as (F8)			Very Shallow I Other (Explain	Dark Surface (TF12) in Remarks)
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) X Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) S1)	<u>x</u>	Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depression	ttrix (F2) F3) ace (F6) fface (F7) ns (F8)			Very Shallow I Other (Explain	Dark Surface (TF12) in Remarks)
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) X Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) 51)	x	Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depressior	trix (F2) F3) ace (F6) rface (F7) as (F8)			Very Shallow I Other (Explain Indicators of hydrophy	Dark Surface (TF12) in Remarks) rtic evecetation and wetland
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) 51)	<u>x</u>	Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depressior	ttrix (F2) -3) ace (F6) rface (F7) as (F8)			Very Shallow I Other (Explain <sup>3</sup> Indicators of hydrophy hydrology must be pre-	Dark Surface (TF12) in Remarks) ytic evegetation and wetland sent, unless disturbed or
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) C Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) S1)	<u>x</u>	Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depressior	ttrix (F2) <sup>-</sup> 3) ace (F6) rface (F7) ns (F8)			Very Shallow I Other (Explain <sup>3</sup> Indicators of hydrophy hydrology must be pre- problematic.	Dark Surface (TF12) in Remarks) ytic evegetation and wetland sent, unless disturbed or
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) X Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) 51)		Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depressior	trix (F2) ;3) ace (F6) rface (F7) as (F8)			Very Shallow I Other (Explain <sup>3</sup> Indicators of hydrophy hydrology must be pre- problematic.	Dark Surface (TF12) in Remarks) ytic evegetation and wetland sent, unless disturbed or
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) X Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral (	urface (A11) 2) 51) <b>red):</b>		Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depressior	trix (F2) r3) ice (F6) rface (F7) is (F8)			Very Shallow I Other (Explain <sup>3</sup> Indicators of hydrophy hydrology must be pre- problematic.	Dark Surface (TF12) in Remarks) ytic evegetation and wetland sent, unless disturbed or
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) X Depleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral ( estrictive Layer (if obserr Type: none	urface (A11) 2) 51) <b>/ed):</b>		Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depressior	ttrix (F2) F3) icce (F6) rface (F7) is (F8)			Very Shallow I Other (Explain <sup>3</sup> Indicators of hydrophy hydrology must be pre- problematic.	Dark Surface (TF12) in Remarks) ytic evegetation and wetland sent, unless disturbed or
Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) Cepleted Below Dark S Thick Dark Surface (A1 Sandy Mucky Mineral ( sandy Mucky Mineral ( satrictive Layer (if observ Type: none Depth (inches): n/a	urface (A11) 2) 51) <b>/ed):</b>		Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Su Redox Depression	ttrix (F2) <sup>(3)</sup> ace (F6) frace (F7) Is (F8)		Hvd	Very Shallow I Other (Explain <sup>3</sup> Indicators of hydrophy hydrology must be pre- problematic.	Dark Surface (TF12) in Remarks) ytic evegetation and wetland sent, unless disturbed or

## HYDROLOGY

Wetland Hydrology Indicator Primary Indicators (minimum c	rs: of one is required	l; check all t	that app	aly)		Seconda X	ary Indicators (minimum of two required) Surface Soil Cracks (B6)
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) X Inundation Visible on Aeri Sparsely Vegetated Conc	ial Imagery (B7) cave Surface (B8			Water-Stained Leaves (B9) Aquatic Fauna (B13) Irue Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Dxidized Rhizospheres on Living Roots (C3) Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Soils (C6) Irhin Muck Surface (C7) Gauge or Well Data (D9) Dther (Explain in Remarks)		x x x x	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	х	Depth (inches):			
Water Table Present?	Yes	No	Х	Depth (inches):			
Saturation Present? (includes capillary fringe)	Yes	No	X	Depth (inches):		Wetlan	d Hydrology Present? Yes X No
Describe Recorded Data (stre	am gauge, monit	toring well.	aerial pl	notos, previous inspections), if available:			
USGS topo map (Figure 1), WWI map (Figure 5), NOAA'	1-foot contour r 's AHPS map (Fi	map (Figure igure 6), L	e 2), NF ocal W	CCS Soils Map (Figure 3), Aerial Maps fro ETS table, and FSA Crop Slide:	m 2000, 2005, :	2010, and 2013	(Figures 4A-D),
Remarks: Wetland hydro	ology criterion is	s met. Visi	ble on	most FSA slides and spring aerials.			

Broject/Site:	is Road Parcolo				Franklin /
Applicant/Owner:	Boar Development	110			State: Will Sampling Date. October 30, 2014
Applicant/Owner.	Bear Development				State. WI Sampling Point. DF-21 OFL
Investigator(s):	Heatner D. Patti, P	ws & mike Al-watniqu	11	<u> </u>	Section, Township, Range: Section 30, TSN R2TE
	lenace, etc.). silg	atu See Figure 2		Longu Co	Editarie (concave, convex, none). Signity concave
Sibpe (%). U%	L	Lat. See Figure 2		Long. Se	Datum. See Figure 2
Soli Map Unit Name.		worley sitt loam 2-67	eroded slopes	(WIZOBZ), NON-N	
Are climatic / hydrolo	gic conditions on the s	site typical for this time	or year?		Yes X NO (If no, explain in Remarks)
Are Vegetation	<u>Y</u> Soil	N or Hydrology	<u>N</u> significa	ntly disturbed?	Are "Normal Circumstances" present? Yes No X
Are vegetation	<u>N</u> 5011	<u>N</u> of Hydrology	<u>n</u> naturally	problematic?	(ii needed, explain any answers in Remarks)
SUMMARY OF	FINDINGS Att	tach site map sho	wing samp	ling point loc	cations, transects, important features, etc.
Hydrophytic Vogetati	on Prosont?	Voc	No.	y	Is the Sampled Area
Hydrio Soil Procent?	OITFIESEIL	Yes	No	<u>×</u>	within a Wetland?
	)recent?	Yes ** <b>V</b>	No	<u> </u>	If yes estimal waterd site ID:
Wetland Hydrology P	resent?	res <b>A</b>	INO		Il yes, optional wetland site ID. N/A
Remarks:	*Active corn field	**Some crop stress of	bserved but it	is attributed to a	uwetter than normal spring.
	None of the wetlan	d criteria have been n	net.		
VEGETATION -	Use scientific na	mes for plants.			Sampling Point: DP-21 UPL
		Absolute %	Dominant	Indicator	
Tree Stratum (Plot siz	ze: 30'R )	Cover	Species	Status	Dominance Test Worksheet:
					Number of Dominant Species
1. <u>n/a</u>					That Are OBL, FACW, or FAC: 0 (A)
2					Total Number of Dominant
3 4					Species Across All Strata: 1 (B)
5.					(-/
6.					Percent of Dominant Species
7.					That Are OBL, FACW, or FAC: 0% (A/B)
		=	Total Cover		Dravalanaa Inday Warkahaati
					Total % Cover of: Multiply by:
					OBL species x 1 =
Sapling/Shrub Stratu	m (Plot size: 1	5'R)			FACW species x 2 =
1. <u>n/a</u>					FAC species x 3 =
2					FACU species x 4 =
3					UPL species $x = $
4					Column Lotais: (A) (B)
6.					Prevalence Index B/A = n/a
7.					
		=	Total Cover		Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Vegetation
					Dominance Test is >50%
Herb Stratum (Plot si	7e' <b>5'R</b>	)			$\frac{1}{10000000000000000000000000000000000$
1. Zea mays			Y	UPL	data in Remarks or on separate sheet)
2.					Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3.					
4.					
5					Indicators of hydric soil and wetland hydrology must
7.					be present, unless disturbed of problematic.
8.					
9.					
10					
11					
12				<u> </u>	
13					
		20% =	Total Cover	·	
Woody Vino Strature	(Diot size: 2010	<u>۱</u>			
woody vine Stratum	TIUL SIZE. JU'R				
1. <i>n/a</i>					
2					
3.					Hydrophytic
4			Tettel O		Vegetation
			= 1 otal Cover		Present? Yes <u>No X</u>
Remarks: (Include ph	noto numbers here or o	on a separate sheet.)			I
Hydrophytic vegeta	tion criterion is not r	net, but corn is stress	ed due to a wet	year.	

Sampling Point:	
-----------------	--

DD 24 UDI

6-12	401/0 0/0	4000/	Color (moist)		<u>Type</u>	Loc	<u>Texture</u>	Remarks	
0-12	10YR 3/3	100%	10VP 5/6	<b>E</b> 9/	·		si ci loam		
12-15*	10YR 5/3	95% 85%	10YR 5/6	15%	 		silty clay	some gravel present	
	10111 0/0	0070	10111 0/0	1070			Sity oldy	onne graver present	
				·	·				
e: C=Concentration,	D=Depletion, RM=Reduc	ced Matrix, CS	=Covered or Coat	ted Sand Grair	ns.	2	Location: PL=Pore I	Lining, M=Matrix	
ic Soil Indicators:							Indicators for	Problematic Hydric Soils <sup>3</sup> :	
Histosol (A1)			Sandy Gleyed Ma	atrix (S4)			Coast	Prairie Redox (A16) (LRR,K,L,R)	
Histic Epipedon (A2)			Sandy Redox (S5	i)			Dark S	Surface (S7) (LRR,K,L)	
Black Histic (A3) Hydrogen Sulfide (A	4)		Stripped Matrix (S	S6) Deral (F1)			5 cm n	nucky peat or peat (S3) (LRR,K,L)	
Stratified Lavers (A5	4 <i>)</i>	'	_oamv Gleved Ma	atrix (F2)			Verv S	Shallow Dark Surface (TF12)	
2 cm Much (A10)	,		Depleted Matrix (I	F3)			Other	(Explain in Remarks)	
Depleted Below Dar	k Surface (A11)		Redox Dark Surfa	ace (F6)					
Thick Dark Surface (	(A12)	i	Depleted Dark Su	Irface (F7)					
Sandy Mucky Minera	ar (51)	'	Redux Depression	ns (Fo)					
							<sup>3</sup> Indicators of h	hydrophytic evegetation and wetland	
							hydrology must	t be present, unless disturbed or	
							problematic.		
trictivo Lavor (if obs	convod):								
Type: hard clay	serveu).								
.,,,									
Depth (inches): 15	" il criterion is not met.	Could not dig	deeper than 15"	' due to hard o	dry clay.	Hyd	ric Soil Present?	Yes No_X_	
Depth (inches): 15	" il criterion is not met.	Could not dig	deeper than 15"	' due to hard d	dry clay.	Hyd	ric Soil Present?	Yes <u>No X</u>	
Depth (inches): 15 harks: Hydric so	" il criterion is not met.	Could not dig	deeper than 15"	' due to hard o	dry clay.	Hyd	ric Soil Present?	Yes <u>No X</u>	
Depth (inches): <u>15</u> harks: Hydric so DROLOGY	il criterion is not met.	Could not dig	deeper than 15"	due to hard d	dry clay.	Hyd	ric Soil Present?	Yes <u>No X</u>	)
Depth (inches): 15 narks: Hydric so DROLOGY Iland Hydrology Indianary Indicators (minim	il criterion is not met.	Could not dig	deeper than 15"	' due to hard d	dry clay.	Hyd	ric Soil Present?	Yes <u>No X</u> dary Indicators (minimum of two required Surface Soil Cracks (B6)	)
Depth (inches): 15 narks: Hydric so DROLOGY Itland Hydrology Indi nary Indicators (minim Surface Water (A1)	il criterion is not met.	Could not dig	deeper than 15" bly) Water-Stained Le	due to hard d	dry clay.	Hyd	ric Soil Present?	Yes No X dary Indicators (minimum of two required Surface Soil Cracks (B6) Drainage Patterns (B10)	)
Depth (inches): 15 harks: Hydric so DROLOGY Hand Hydrology Indi hary Indicators (minim Surface Water (A1) High Water Table (A Soturation (A2)	il criterion is not met. il criterion is not met. cators: num of one is required; ch 2)	Could not dig	deeper than 15" bly) Water-Stained Le Aquatic Fauna (B	due to hard d aves (B9) 13)	dry clay.	Hyd	ric Soil Present?	Yes No X dary Indicators (minimum of two required Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Cravito B Purrane (C9)	)
Depth (inches): 15 harks: Hydric so DROLOGY Iand Hydrology Indi hary Indicators (minin Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1)	il criterion is not met. il criterion is not met. cators: num of one is required; ch 2)	Could not dig	deeper than 15" bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Sulfide	aves (B9) 13) 13) Odgr (C1)	dry clay.	Hyd	ric Soil Present?	Yes NoX dary 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	)
Depth (inches): 15 harks: Hydric so DROLOGY Iand Hydrology Indi hary Indicators (minin Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (	il criterion is not met. cators: num of one is required; ch 2) B2)	Could not dig	deeper than 15" bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp	aves (B9) 13) Odor (C1) heres on Livin;	dry clay.	Hyd	ric Soil Present?	Yes NoX dary 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 Stuned or Stressed Plants (D1)	) (C9)
Depth (inches): 15 harks: Hydric so DROLOGY Hand Hydrology Indi hary Indicators (minin Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Water Marks (B1) Drift Deposits (B3)	il criterion is not met. cators: num of one is required; ch 2) B2)	Could not dig	deeper than 15" bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu	aves (B9) 13) 13) Odor (C1) heres on Livin, uced Iron (C4)	dry clay.	Hyd	ric Soil Present?	Yes NoX dary 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 Stunted or Stressed Plants (D1) Geomorphic Position (D2)	) (C9)
Depth (inches): 15 harks: Hydric so DROLOGY Hand Hydrology Indi hary Indicators (minim Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E	il criterion is not met. cators: um of one is required; ch 2) B2) 34)	Could not dig	deeper than 15" Dly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu	aves (B9) 13) 13) 145 (B14) Odor (C1) heres on Livin, icced Iron (C4) iction in Tilled 3	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes       No       X         dary 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 Stunted or Stressed Plants (D1)       Sector Stressed Plants (D1)         Geomorphic Position (D2)       FAC-Neutral Test (D5)	)
Depth (inches): 15 harks: Hydric so DROLOGY Iand Hydrology Indi hary Indicators (minin Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B5)	il criterion is not met. cators: num of one is required; ch 2) B2) 34)	Could not dig	deeper than 15" Dly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac	aves (B9) 13) 13) tts (B14) Odor (C1) heres on Livin, ized Iron (C4) iction in Tilled S e (C7)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes       No       X         dary 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 Stunted or Stressed Plants (D1)       Geomorphic Position (D2)         FAC-Neutral Test (D5)       FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 harks: Hydric so DROLOGY Hand Hydrology Indi hary Indicators (minin Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B5) Inundation Visible or Snarsely Venetated	il criterion is not met. il criterion is not met. cators: num of one is required; ch 2) B2) 34) n Aerial Imagery (B7) Concave Surface (B8)	Could not dig	deeper than 15" Diy) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Ricent Iron Redu Thin Muck Surfac Gauge or Well Dia	aves (B9) 13) 13) Odor (C1) heres on Livin, uced Iron (C4) iction in Tilled S e (C7) ata (D9) Remarks)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes No _ X dary 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 Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 harks: Hydric so DROLOGY Hand Hydrology Indi ary Indicators (minim Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B5) Inundation Visible or Sparsely Vegetated	il criterion is not met. il criterion is not met. cators: uum of one is required; ch 2) B2) 34) h Aerial Imagery (B7) Concave Surface (B8)	Could not dig	deeper than 15" bly) Nater-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in	aves (B9) 13) 13) 15 (B14) Odor (C1) heres on Livin Juced Iron (C4) tiction in Tilled S de (C7) tata (D9) Remarks)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes       No       X         dary 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         Stunted or Stressed Plants (D1)         Geomorphic Position (D2)         FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 Depth (inches): 15 Depth (inches): 15 DROLOGY DROLOGY DROLOGY Dary Indicators (minim Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B3) Inundation Visible or Sparsely Vegetated d Observations:	I criterion is not met. cators: num of one is required; ch 2) B2) 34) n Aerial Imagery (B7) Concave Surface (B8)	eck all that app	deeper than 15" Dly) Nater-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in	aves (B9) 13) 13 (B14) Odor (C1) heres on Livin, Jced Iron (C4) ciction in Tilled S e (C7) ata (D9) Remarks)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes No _ X dary 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 Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 Depth (inches): 15 narks: Hydric so DROLOGY tland Hydrology Indi nary Indicators (minim Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B) Algal Mat or Crust (E Iron Deposits (B3) Algal Mat or Crust (E Inundation Visible or Sparsely Vegetated d Observations: face Water Present?	I criterion is not met. il criterion is not met. cators: num of one is required; ch 2) B2) B2) 34) n Aerial Imagery (B7) Concave Surface (B8) Yes	Could not dig	deeper than 15" Dy) Nater-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches):	aves (B9) 13) 15 (B14) Odor (C1) heres on Livin, iccel Iron (C4) iction in Tilled S e (C7) ata (D9) Remarks)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes No _ X dary 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 Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 Depth (inches): 15 narks: Hydric so DROLOGY thand Hydrology Indi nary Indicators (minim Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B3) Algal Mat or Crust (E Iron Deposits (B5) Inundation Visible or Sparsely Vegetated d Observations: face Water Present?	I criterion is not met. il criterion is not met. cators: num of one is required; ch 2) B2) B2) 34) n Aerial Imagery (B7) Concave Surface (B8) Yes	Could not dig           neck all that app	deeper than 15" Dly) Nater-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches): Depth (inches):	aves (B9) 13) 15 (B14) Odor (C1) heres on Livin, iccel Iron (C4) iction in Tilled S e (C7) ata (D9) Remarks)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes No _ X dary 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 Stunted or Stressed Plants (D1) Geomorphic Position (D2) FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 Depth (inches	il criterion is not met. il criterion is not met. cators: num of one is required; ch 2) B2) B2) B4) A Aerial Imagery (B7) Concave Surface (B8) Yes Yes Yes Yes	Could not dig	deeper than 15" Dly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches): Depth (inches):	aves (B9) 13) 13) 15 (B14) Odor (C1) heres on Livin icced Iron (C4) iction in Tilled e (C7) ita (D9) Remarks)	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes       No       X         dary 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 Stunted or Stressed Plants (D1)       Geomorphic Position (D2)         FAC-Neutral Test (D5)       FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 Depth (inches): 15 narks: Hydric so (DROLOGY tland Hydrology Indi nary Indicators (minir Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B5) Inundation Visible or Sparsely Vegetated Id Observations: face Water Present? ter Table Present? uration Present? uration Present? uration Present? uration Present? uration Present?	il criterion is not met.	Could not dig	deeper than 15" Dy) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches): Depth (inches):	aves (B9) 13) 13) 15 (B14) Odor (C1) heres on Livin, ced Iron (C4) iction in Tilled 5 e (C7) ta (D9) Remarks) 	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes       No       X         dary 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         Stunted or Stressed Plants (D1)         Geomorphic Position (D2)         FAC-Neutral Test (D5)	) (C9)
Depth (inches): 15 Depth (inches	il criterion is not met. il criterion is not met. cators: um of one is required; ch 2) B2) B4) Aerial Imagery (B7) Concave Surface (B8) Yes Yes Yes Yes (stream gauge, monitorin 1), 1-foot contour map	Could not dig	deeper than 15" bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in 1 Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Cas Soils Map (i	aves (B9) 13) 13) 13) 145 (B14) Odor (C1) heres on Livin, ized Iron (C4) iction in Tilled S e (C7) tata (D9) Remarks) 	g Roots (C3) Soils (C6)	Hyd	ric Soil Present?	Yes       No       X         dary 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         Stunted or Stressed Plants (D1)       Geomorphic Position (D2)       FAC-Neutral Test (D5)         and Hydrology Present?       Yes	) (C9)
Depth (inches): 15 Depth (inches): 15 Depth (inches): 15 Drarks: Hydric so DROLOGY Hand Hydrology Indi nary Indicators (minim Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (E Iron Deposits (B3) Algal Mat or Crust (B5) Inundation Visible or Sparsely Vegetated d Observations: ace Water Present? er Table Present? tration Present? udes capillary fringe) cribe Recorded Data St topo map (Figure 1), No	il criterion is not met. il criterion is not met. cators: ium of one is required; ch 2) B2) 34) A Aerial Imagery (B7) Concave Surface (B8) Yes Yes Yes Yes (stream gauge, monitorin 5 1), 1-foot contour map DAA's AHPS map (Figure)	Could not dig	deeper than 15" bly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches): Depth (inches): Depth (inches): hotos, previous ir RCS Soils Map (I ETS table, and F	aves (B9) 13) 13) 13) 13) 145 (B14) Odor (C1) heres on Livin, aced Iron (C4) iction in Tilled S iction in Tilled S	g Roots (C3) Soils (C6) available: ial Maps fron	Hyd	ric Soil Present?	Yes       No       X         dary 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         Stunted or Stressed Plants (D1)         Geomorphic Position (D2)         FAC-Neutral Test (D5)	) (C9)

D : //0:					0:1 10	Franklin /	o "		
Project/Site: Loon	nis Road Parcels				City/Cou	nty: Milwaukee	Samplin	g Date: October 30, 2	2014
Applicant/Owner:	Bear Developr	nent, LLC	-			State:	WI	Sampling Point:	1-11 DP-22 UPL
Investigator(s):	Heather D. Pat	tti, PWS & Mike Al-Wathiq	ui		Se	ection, Township, Range:	Section	1 30, T5N R21E	
Landform (hillslope,	terrace, etc.):	backslope			Local relief	(concave, convex, none):	convex	<u> </u>	
Slope (%): 5%		Lat: See Figure 2		Long: Se	ee Figure 2			Datum: See Figure 2	
Soil Map Unit Name		Blount silt loam, 1	-3% slopes (BIA	A), Hydric Inclusi	ions	WWI Cla	assification:	no	one
Are climatic / hydrole	ogic conditions on	the site typical for this time	of year?		Yes	X No	(if no, e	xplain in Remarks)	
Are Vegetation	<u>*Y</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	/	Are "Normal Circumstance	s" present?	Yes	No <u>X</u>
Are Vegetation	N Soil	N or Hydrology	<u>N</u> naturall	y problematic?	(	if needed, explain any ans	swers in Rer	narks)	
SUMMARY OF	FINDINGS	Attach site map she	owing samp	ling point loo	cations, tra	ansects, important	features,	, etc.	
Hydrophytic Vegetat	tion Present?	Yes	No	Х	1	s the Sampled Area			
Hydric Soil Present?	2	Yes	No	х	\ \	within a Wetland?		Yes	No X
Wetland Hydrology	Present?	Yes	No	х	1	f yes, optional wetland site	e ID:	N/A	
	**		-						
Remarks:	Active corn fi None of the we	eid - corn is nealtny, no c etland criteria have been i	rop stress net.						
VEGETATION	- Use scientific	names for plants.						Sampling Point:	T-11 DP-22 UPL
		Absolute %	Dominant	Indicator		Dominance Test W	orksheet <sup>.</sup>		
Tree Stratum (Plot s	ize: 30'R	) Cover	Species	Status		Dominance rest W	or Koncet.		
1. <u>n/a</u> 2.						Number of Dominant That Are OBL, FACV	V, or FAC:	0	_(A)
3.						Total Number of Dor	ninant		
4.						Species Across All S	strata:	1	(B)
5		·							
6						That Are ORL EACH		0%	(A/D)
1		·	Total Cover			That Ale ODE, I AO	V, OFFAC.	078	(A/D)
						Prevalence Index W	orksheet:		
						Total % C	Cover of:	Multip	bly by:
						OBL species		x 1 =	
Sapling/Shrub Stratu	um (Plot size:	15'R)				FACW species		x 2 =	
1. <u>n/a</u>						FAC species		x 3 =	
2		·				FACU species		X 4 =	
3						Column Totals:		x σ =	(B)
5.		·				Column rotals.		(A)	(B)
6.						Prevalence Inc	lex B/A =	n/a	
7.									
		=	Total Cover			Hydrophytic Vegeta	ation Indica	itors:	
						Rapid	Test for Hyd	drophytic Vegetation	
						Domin	ance Test is	s >50%	
Llark Stratum (Diat a	Size EID	`				Preval	ence index i	$IS \leq 3.0^{\circ}$	an acting
Herb Stratum (Plot s	Size: 5'R	)	v			Norph	in Romarka	aptations (Provide su	pporting
1. <b>Zed Illays</b>		90 %	<u>_</u>	UFL		Proble	matic Hydro	on on separate sheet	.) volain)
3.		·					inatio riyuro	phylic vegetation (E.	хріанту
4.									
5.		• <u> </u>				<sup>1</sup> Indicators of hydric	soil and we	tland hydrology must	
6.						be present, unless	disturbed or	problematic.	
7.									
8.		·							
9		•       —							
10.									
12		·							
12									
14.		·							
		90% =	Total Cover						
Woody Vine Stratum	n (Plot size: 30'R	)							
1 0/2				. <u> </u>					
1. <b>n/a</b>		·		·					
3		·				Hydrophytic			
4.		·		·		Vegetation			
		·	= Total Cover			Present?	Yes	No	х
									—
Remarks: (Include p	hoto numbers her	e or on a separate sheet.)							
Hydrophytic vegeta	ation criterion is	not met. No crop stress o	bserved.						

#### T-11 DP-22 UPL Sampling Point:

P7         IOVR 303         IOVR 54         IOVR 54         IOVR 6         M         sity cisy           7.18         IOVR 344         95%         IOVR 544         10%         C         M         sity cisy           7.18         IOVR 344         95%         IOVR 544         10%         C         M         sity cisy           7.18         IOVR 344         95%         IOVR 544         10%         C         M         sity cisy           7.18         IOVR 344         95%         IOVR 544         10%         C         M         sity cisy           7.18         IOVR 344         95%         IOVR 544         10%         C         M         sity cisy         IOVR 344           7.10         IOVR 344         IOVR 344 </th <th>0-7       107R 3/3       100%       is cl loam         7.18       107R 3/4       95%       107R 5/4       10%       C       M       sit loam         7.18       107R 3/4       95%       107R 5/4       10%       C       M       sit loam       integration         7.18       107R 3/4       95%       107R 5/4       10%       C       M       sit loam       integration         7.19       107R 3/4       95%       107R 5/4       10%       C       M       sit loam       integration       integr</th> <th></th> <th>si cl loam</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	0-7       107R 3/3       100%       is cl loam         7.18       107R 3/4       95%       107R 5/4       10%       C       M       sit loam         7.18       107R 3/4       95%       107R 5/4       10%       C       M       sit loam       integration         7.18       107R 3/4       95%       107R 5/4       10%       C       M       sit loam       integration         7.19       107R 3/4       95%       107R 5/4       10%       C       M       sit loam       integration       integr		si cl loam							
2718       10YR 3/4       95%       10YR 5/4       10%       C       M       sity clay         2718       10YR 5/4       10YR 5/4       10%       C       M       sity clay         2011 </th <th>7.18       10YR 3/4       55%       10YR 5/4       10%       C       M       sity clay         Image: Self Decision of the second of t</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>100%</th> <th>10YR 3/3</th> <th>0-7</th>	7.18       10YR 3/4       55%       10YR 5/4       10%       C       M       sity clay         Image: Self Decision of the second of t							100%	10YR 3/3	0-7
ges: C=Concentration. D=Depletion. RM-Reduced Matrix. CS=Covered or Coated Sand Grains.       * Location: PL=Pore Lining, M=Matrix         ges: C=Concentration. D=Depletion. RM-Reduced Matrix. CS=Covered or Coated Sand Grains.       * Location: PL=Pore Lining, M=Matrix         trid Sol Indicators:       Histosic (A)       Sandy Gleyed Matrix (S4)         Histosic (A)       Sandy Rodox (S5)       Coattion: PL=Pore Lining, M=Matrix         Telesch Heit (A)       Sandy Rodox (S5)       Coattion: PL=Pore Lining, M=Matrix         Telesch Heit (A)       Sandy Rodox (S5)       Coattion: PL=Pore Lining, M=Matrix         Telesch Heit (A)       Coary Gleyed Matrix (S6)       Coary Gleyed Matrix (S7)       Dark Sufface (S7) (LRR,KL,R)         Sandre Rodox (S5)       Coary Gleyed Matrix (72)       On multicy period Rodox Subort (F12)       On multicy period Rodox Subort (F12)         Sandre Rodox (S1)       Rodox Durk Suffacer (F1)       Rodox Durk Suffacer (F1)       Rodox Durk Suffacer (F2)         Type:       matrix:       Hydric Soil Present?       Yes	ype: C_CConcentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M-Matrix         rdric Soil Indicators:       Indicators of Problematic Hydric Sci         Histosic (A1)       Sandy Gleyad Matrix (S4)         Sandy Reduc (S5)       Sond Reduc (S5)         Black Histo (A3)       Sandy Gleyad Matrix (S4)         Sandy Reduc (S5)       Sond Reduc (S5)         Jack Soil Indicators:       Indicators for Problematic Hydric Sci         Hydrogon Sulfie (A4)       Loarny Modey Mineral (F1)         Stratified Layers (A6)       Depleted Matrix (S6)         Depleted Delow Dath Starface (A11)       Redox Dark Starface (F1)         Thick Dark Starface (A12)       Depleted Dark Starface (F1)         Depleted Delow Dath Starface (A11)       Redox Depressions (F8)         ***       ************************************		silty clay	м	С	10%	10YR 5/4	95%	10YR 3/4	7-18
C-Concentration, D-Depinion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains.      Proc.Concentration, D-Depinion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains.      Proc.Concentration, D-Depinion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains.      Proc.Concentration, D-Depinion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains.      Proc.Concentration, D-Depinion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains.      Proc.Concentration, D-Depinion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains.      Proc.Concentration, D-Depinion, RM-Reduced Matrix, (S4)      Black Hatic, (A3)      Black Hatic, (A3)      Strapted Matrix, (S5)      Coarry Modely Matrix, (S3)      Depined Below Dark, Surface (T1)      Depined Below Dark, Surface (T1)      Depined Below Dark, Surface (T2)      Zorm Much (A1)      Depined Below Dark, Surface (T2)      Sandy Mucky Mineral (S1)      Depined Below Dark, Surface (T2)      Sandy Mucky Mineral (S1)      Proc. Depined Carls, Surface (T2)      Prop. Matrix      Matrix (B1)      Proc. Depined Carls, Surface (T2)      Surface Sail Criterion Is not met.       Matrix      Matrix (B1)      Surface Sail Criterion Is not met.      Surf	pr. C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL-Pore Lining, M-Matrix         pr. C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL-Pore Lining, M-Matrix         Fielsond (A1)       Sandy Redox (S5)       Indicators for Problematic Hydric SC         Black Hisic (K3)       Stripped Matrix (S4)       Dark Surface (A16) (LR         Stripped Matrix (S3)       Stripped Matrix (S2)       Depleted Below Dark Surface (A17)         Stringted Layer (A2)       Depleted Matrix (S3)       Torn-Manganese Masses (F2)         Depleted Below Dark Surface (A11)       Depleted Matrix (S3)       Other (Explain in Remarks)         Depleted Below Dark Surface (A12)       Depleted Matrix (S3)       Other (Explain in Remarks)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation.         trictive Layer (If observed)::       Trore Analysis       Surface (A12)         Type:       nore       Northore       Surface (A11)         Surface Water (A1)       Water Stained Lawers (B9)       Surface Soil Cracks         Trore Aquatic Plans (B13)       Troe Aquatic Plans (B14)       Surface Soil Cracks         Surface (S1)       Origitated Feature (S14)       Surface Soil Cracks         Troe Aquatic Plans (B13)       Troe Aquatic Plans (B14)<									
	pe: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL-Pore Lining, M-Matrix         tric Soll Indicators:       Indicators for Problematic Hydric Sol         Histosol (A1)       Sandy Gleyed Matrix (S4)         Black Histic (A3)       Stintyped Matrix (S4)         Stardig Rodox (S5)       Sandy Rodox (S5)         Stardig Rodox (S5)       Coast Praire Redox (A10) (LRR, K.)         Parker Rodox (A10)       Depleted Matrix (F2)         2 com Much (A10)       Depleted Matrix (F2)         2 com Much (A10)       Depleted Matrix (F2)         2 com Much (A10)       Depleted Matrix (F3)         Stardified Below Dark Surface (A11)       Redox Depressions (F8)         *Indicators of hydrophytic evegetation:       hydrophytic evegetation:         hydroide Suffice (A12)       Depleted Matrix (F3)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         *Indicators of hydrophytic evegetation:       hydroide Suffice Soil Present?         tright (mcBesty: mat       Socondary Indicators (minimum of one is required; check all that apply)         Surface Soil Cracks       Socondary Indicators (minimum of one is required; check all that apply)         Surface Soil Cracks       Surface Soil Cracks         Solid Present (B13)       True Aquatic Praise Roduced Iron (C4)         Solid									
	marks:       Hydric Soil Present?       Yes									
Proceedings of the second secon	marks:       Hydrology Indicators:         Type: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL-Pore Lining, M-Matrix         Tric Soil Indicators:       Indicators is andy Redox (S5)         Histisc Epipedon (A2)       Sandy Redox (S5)         Black Histis (A3)       Stripped Matrix (S4)         Stratified Layers (A5)       Learny Mucky Mineral (F1)         2 com Much (A10)       Depleted Matrix (F2)         2 com Much (A10)       Depleted Matrix (F2)         2 com Much (A10)       Depleted Matrix (F3)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         **       Hydric Soil Present?       Yes		·							
	ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.       * Location: PL=Pore Lining, M=Matrix         drid Soil Indicators:       Indicators for Problematic Hydric SC         Histicaci (A1)       Sandy Gleyed Matrix (S4)         Histicaci (A1)       Sandy Redox (S5)         Histicaci (A1)       Sandy Redox (S5)         Histicaci (A1)       Sandy Redox (S5)         Histicaci (A1)       Caser Prinia Redox (A16) (LB         Hydrogen Sulfide (A4)       Loamy Mucky Mineral (F1)         Hydrogen Sulfide (A4)       Loamy Mucky Mineral (F2)         Oppleide Bolew Dark Surface (A11)       Depleted Matrix (F2)         Oppleide Bolew Dark Surface (A11)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         Audition of one is required, check all that apply)         Secondary Indicators         marks:       Hydric soil criterion is not met.         YPROLOGY         Secondary Indicators (Ininimum of one is required, check all that apply)         Surface S01       Craysia Burrows (D2)         Surface S01       Craysia Burrows (D2)         Surface S01       Craysia Burrows (D3)         Surface S01       Craysia Burrows (D3)         Surule C1)       Craysia Burrows (D3) <td></td> <td>·</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		·	-						
			·							
	ge: C-Concentration, D-Depietion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M-Matrix         dric Soil Indicators:       Indicators for Problematic Hydric Sc         Histoso (1/1)       Sandy Gleyed Matrix (S4)         Histoso (1/1)       Sandy Redox (S5)         Black Histic (A3)       Striped Matrix (S1)         Striped Matrix (S4)       Coast Prairie Redox (A16) (L         Depieted Blow Dark Surface (TA1)       Depieted Matrix (F2)         Popleted Blow Dark Surface (A11)       Depieted Matrix (S4)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         * Hydric Soil Present? Yes									
ype: C=Concentration, D=Deptetion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix         rdir 6. Soli Indicators:       Indicators for Problematic Hydric Solis <sup>2</sup> ;         Heaced (N1)       Sandy Redox (S5)         Biock Hists (A3)       Stripped Matrix (S4)         Biock Hists (A3)       Daris Matrix (S1)         Stripped Matrix (S2)       Daris Surface (S7) (LRR,K,LR)         Biock Hists (A3)       Daris Matrix (S1)         Stripped Matrix (S2)       Daris Surface (S7) (LRR,K,LR)         Stripped Matrix (S2)       Daris Surface (S7) (LRR,K,LR)         Stripped Matrix (S1)       Depteted Matrix (S2)         Depteted Below Dark Surface (A11)       Redox Dark Surface (F6)         Thick Dark Surface (A2)       Depteted Matrix (S3)         Depteted Below Dark Surface (A12)       Depteted Matrix (S3)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         strictive Layer (if observed):       mark         Type:       none         Depth (inches):       nda         Matrix       Hydric Soil Present?       No_X         marks:       Hydric Soil Criterion Is not met.       Surface Soil Cracks (B6)         Surface Matrix       Matrix       Surface Soil Cracks (B1)       D-y-Season Vlater Table (C2) <td< td=""><td>ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains.       <sup>2</sup> Location: PL=Pore Lining, M=Matrix         rdric Soil Indicators:       Indicators for Problematic Hydric Sc         Histos Cipledon (A2)       Sandy Gleyed Matrix (S4)         Black Histic (A3)       Stripped Matrix (S6)         Jank Surface (S7) (LRR, KJ)       Dark Surface (S7) (LRR, KJ)         Jank Surface (A1)       Depleted Matrix (F2)         O m Wuch (A10)       Depleted Matrix (F2)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         **       Hydric Soil Present?       Yes</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix         rdric Soil Indicators:       Indicators for Problematic Hydric Sc         Histos Cipledon (A2)       Sandy Gleyed Matrix (S4)         Black Histic (A3)       Stripped Matrix (S6)         Jank Surface (S7) (LRR, KJ)       Dark Surface (S7) (LRR, KJ)         Jank Surface (A1)       Depleted Matrix (F2)         O m Wuch (A10)       Depleted Matrix (F2)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         **       Hydric Soil Present?       Yes									
ype: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered of Coated Sand Grains.       *Location: PL=Pore Lining, M-Matrix         Histos: Copoentration, D-Depletion, RM-Reduced Matrix, (S4)       Sandry Gleved Matrix, (S4)         Histos: Copoentration, (A2)       Sandry Gleved Matrix, (S4)         Black Histic (A3)       Sindry Gleved Matrix, (S4)         Black Histic (A3)       Sindry Gleved Matrix, (F2)         Dark Stafface (A1)       Coast Surface (F1, (LRR, KL, IR)         Dark Stafface (A1)       Depleted Matrix, (F2)         Depleted Matrix, (F3)       Depleted Matrix, (F3)         Depleted Matrix, (F3)       Depleted Matrix, (F3)         Depleted Matrix, (F3)       Depleted Matrix, (F3)         Depleted Matrix, (F3)       Redox Dark Surface (F1)         Depleted Matrix, (F3)       Redox Depressions (F8)         ************************************	ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix         dric Soil Indicators:       Indicators for Problematic Hydric Sc         Histos (A1)       Sandy Gleyed Matrix (S4)         Histos (A3)       Stripped Matrix (S6)         Black Histic (A3)       Stripped Matrix (S6)         2 orn Much (A10)       Depleted Matrix (F3)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F2)         Trick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         ***       Hydric soil criterion Is not met.         ************************************									
ype: C-Concentration. D-Depletion, RM-Reduced Matrix, CS-Covered of Coated Sand Grains. <sup>2</sup> Location: PL-Pore Lining, M-Matrix         drid: Soil Indicators:       Indicators (Figure 1)       Indicators (Figure 2)         Histics (A1)       Sandy Redox (S5)       Dark Surface (S7) (LRR,KL,R)         Back Histic (A3)       Sandy Redox (S5)       Dark Surface (S7) (LRR,KL,R)         Stratified Layers (A5)       Loarny Wusky Mineral (F1)       Dark Surface (S7) (LRR,KL,R)         Transford Layers (A5)       Loarny Wusky Mineral (F1)       Depleted Boot Dark Surface (A11)         Thick Dark Surface (A11)       Depleted Matrix (F3)       Other (Explain in Remarks)         Other (Explain in Remarks)       Other (Explain in Remarks)       Other (Explain in Remarks)         Type:       none	ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix         rife Soil Indicators:       Indicators (A1)       Indicators (S3)       Indicators (Coate Problematic Hydric SG         Histoco (A1)       Sandy Gleyed Matrix (S4)       Coate Problematic Hydric SG       Coate Problematic Advances (S5)         Black Histic (A3)       Stripped Matrix (S6)       Dark Surface (S7) (LBR,KL)       Dark Surface (S7) (LBR,KL)         Stratified Layers (A5)       Loarny Gleyed Matrix (F2)       Dark Surface (S7) (LBR,KL)       Defleted Matrix (F2)         2 are Much (A10)       Depleted Matrix (F2)       Depleted Back Varface (A11)       Depleted Dark Surface (F6)         Drick Dark Surface (A11)       Depleted Dark Surface (F7)       Other (Explain in Remarks)         Sandy Mucky Mineral (S1)       Redox Depressions (F6)									
yee: C=Concentration. D=Depletion, RM=Reduced Matrix, CS=Covered of Coated Sand Grains.	ype: C-Concentration, D-Depletion, RM-Reduced Matrix, CS-Covered or Coated Sand Grains. <sup>2</sup> Location: PL-Pore Lining, M=Matrix         Histosol (A1)       Sandy Gleyed Matrix (S4)       Indicators in the construction of the construction									
ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>1</sup> Location: PL=Pore Lining, M=Matrix             dric Soil Indicators:           Indicators for Problematic Hydric Soils <sup>1</sup> ;         Coast Prairie Reduc (A16) (LRR, K, L, R)             Histic Explexion (A2)           Sandy Gleved Matrix (S4)         Sandy Redux (S5)           Dark Surface (A17) (LRR, K, L, R)         Dark Surface (A11)         Depleted Matrix (F2)         Can Muck (Path or prait (S3) (LRR, K, L)         Depleted Below Dark Surface (A11)         Depleted Matrix (F3)         Depleted Below Dark Surface (A11)         Depleted Matrix (F3)         Depleted Below Dark Surface (A11)         Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)         Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)         Redox Depressions (F8)           "         "         Medicators of hydrophytic evegetation and wetland         hydrology must be present; unless disturbed or         problematic.             Strictive Layer (ff observed):         Type: none           Mydric Soil Present?         Yes	ype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. <sup>2</sup> Location: PL=Pore Lining, M=Matrix         Histosci (A1)       Sandy Gleyed Matrix (S4)       Indicators for Problematic Hydric S2         Histosci (A1)       Sandy Gleyed Matrix (S4)       Coast Prairie Redox (A16) (LS         Black Histic (A3)       Stratped Matrix (S6)       Dark Surface (S7) (LRR, KJ)         Black Histic (A3)       Learny Mucky Mineral (F1)       Dark Surface (S7) (LRR, KJ)         Stratified Layers (A5)       Learny Gleyed Matrix (F2)       Very Shallow Dark Surface (T1)         Popleted Below Dark Surface (A11)       Redox Dark Surface (F6)       Other (Explain in Remarks)         Popleted Below Dark Surface (A12)       Depleted Dark Surface (F7)       Sandy Mucky Mineral (S1)									
dric Soll Indicators:	dric Soil Indicators:     Indicators for Problematic Hydric Sol       Histo: Epipedon (A2)     Sandy Gleyed Matrix (S4)     Coast Prinile Redox (A16) [LBC, KL])       Black Histic (A3)     Stripped Matrix (S6)     Dark Surface (S7) (LRR, KL)       Stripped Sulide (A4)     Loamy Mucky Mineral (F1)     Dark Surface (S7) (LRR, KL)       2 on Much (A10)     Depleted Matrix (F2)     Other (Explain in Remarks)       Oppleted Moto Dark Surface (A11)     Redox Dark Surface (F6)     Other (Explain in Remarks)       Thick Dark Surface (A12)     Depleted Matrix (F3)     Other (Explain in Remarks)       Sandy Mucky Mineral (S1)     Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation. hydrology must be present, unless dist problematic.       strictive Layer (if observed):     Type: none     Mydric Soil Present?     Yes	=Matrix	ocation: PL=Pore Lining, M=Matrix	<sup>2</sup> L	3.	ed Sand Grain	Covered or Coat	ced Matrix, CS=	tration, D=Depletion, RM=Redu	ype: C=Concentra
And Continueated as and y Gleyed Matrix (S4)       Sandy Gleyed Matrix (S4)         Histoca (A12)       Sandy Redox (S5)         Histoca (A13)       Stripped Matrix (S4)         Hydrogen Sulfide (A4)       Loarry Mucky Mineral (F1)         Stripped Matrix (S5)       Dark Sturbace (S7) (LRR,KL,R)         Pydrogen Sulfide (A4)       Loarry Mucky Mineral (F1)         Stripped Matrix (S5)       Dark Sturbace (S7) (LRR,KL,R)         York Shallow Dark Surbace (A11)       Depleted Matrix (F2)         Opheled Balox (A12)       Depleted Matrix (F3)         Sandy Mucky Mineral (S1)       Depleted Dark Surbace (F6)         Trick Dark Surbace (A12)       Depleted Dark Surbace (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         ************************************	Add Communication	atic Hydric Soils <sup>3</sup> :	Indicators for Problematic Hydric						ators.	dric Soil Indicato
Heise: Epigedon (A2)       Sandry Gregor Manix (Sa)       Cusa Prainte Redux (Prio) (LRN, AL, K)         Heise: Epigedon (A2)       Sandry Gregor Manix (Sa)       Cusa Prainte Redux (Prio) (LRN, AL, K)         Black Histic (A3)       Stripped Marix (Sb)       Sondry Meckok (S5)         Black Histic (A4)       Loarny Mucky Mineral (P1)       Torn-Manganee Masses (F12) (LRR, K, L, R)         Stratified Layers (A5)       Loarny Gleyed Matrix (F2)       Other (Explain in Remarks)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F7)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandry Mucky Mineral (S1)       Redox Depressions (F8)         ************************************	Initiatic Epipedon (A2)       Santay Gergen Mainx (Sei)       Dark Starlag (Sci (N16) (LRR,KL)         Black Histic (A3)       Stripped Matrix (S6)       Dark Starlag (Sci (RRR,KL)         Black Histic (A3)       Loamy Gleyed Matrix (S6)       Dark Starlag (Sci (RRR,KL)         Jender Matrix (A4)       Loamy Mucky Mineral (F1)       Tron-Manganese Masses (F12)         2 cm Much (A10)       Depleted Matrix (F2)       Very Shaltow Dark Surface (T1)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F6)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         ***********************************						Candy Clayed Ma		1013.	
India Childs (Al)       Shipped Matrix (S6)         Shipped Matrix (S6)       Loamy Mucky Mineral (F1)         Stratiled Layers (Ac)       Loamy Mucky Mineral (F1)         Depleted Below Dark Surface (A11)       Depleted Matrix (F2)         Depleted Below Dark Surface (A12)       Depleted Dark Surface (F6)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         **trictive Layer (ff observed):       Type:	Instact High C(A2)       Charles (A)       Stripped Matrix (S6)       Commuck year or peat (S3)         Hydrogen Sulfide (A4)       Coamy Gleged Matrix (S2)       Ton-Manganese Masses (F12         Stratified Layers (A5)       Coamy Gleged Matrix (F3)       Other (Explain in Remarks)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F6)       Other (Explain in Remarks)         Thick Dark Surface (A12)       Depleted Matrix (F3)       Other (Explain in Remarks)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation - hydrology must be present, unless dist problematic.         strictive Layer (if observed):       Type: none       Popting for the		Dark Surface (S7) (I BB K I			unx (34)	Sandy Redox (S5		an (A2)	Histic Eninedon
Hydrogen Sulfide (A4)       Loarny Mucky Minoral (F1)       iron-Manganese Masses (F12) (LRR,K,L,R)         Stratified Layers (A5)       Loarny Gleyed Matrix (F2)       Very Shallow Dark Surface (T12)         Depleted Below Dark Surface (A11)       Depleted Matrix (F2)       Very Shallow Dark Surface (T12)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)       Other (Explain in Remarks)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)	Hydrogen Sulfide (A4)       Loamy Mucky Mineral (F1)       Iron-Manganese Masses (F3)         Stratified Layers (A5)       Loamy Mucky Mineral (F1)       Iron-Manganese Masses (F3)         2 cm Muck (A10)       Depleted Matrix (F2)       Very Shallow Dark Surface (T1)         Depleted Below Dark Surface (A11)       Redox Dark Surface (F6)       Other (Explain in Remarks)         Depleted Dark Surface (A12)       Depleted Dark Surface (F6)       other (Explain in Remarks)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation. hydrology must be present, unless dist problematic.         estrictive Layer (if observed):       Type: none       Hydric Soil Present?       Yes	at or peat (S3) (LRR.K.L)	5 cm mucky peat or peat (S			, 6)	Stripped Matrix (S		A3)	Black Histic (A3)
Strattfied Layers (A5)       Loamy Gleyed Matrix (F2)       Very Shallow Dark Surface (TF12)         Other (Explain in Remarks)       Depleted Both Surface (A11)       Redox Dark Surface (F6)         Trick Dark Surface (A12)       Depleted Dark Surface (F7)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation and wetland hydrology must be present, unless disturbed or problematic.         strictive Layer (If observed):       Type: none       No X         Depth (inches):       na       No X         marks:       Hydric soil criterion is not met.       No X         YPROLOGY       Surface Water (A1)       Aquatic Fauna (B13)         Surface Water (A1)       Aquatic Fauna (B13)       Drainage Patterns (B1)         Surface Water (A1)       Aquatic Fauna (B13)       Drainage Patterns (B1)         Surface Water (A1)       Hydrogon Sufface Odr (C1)       Sufface Odr (C1)         Sediment Deposits (B2)       Oxidized Rhicospheres on Luing Roots (C3)       Drainage Patterns (B1)       Drainage Patterns (B1)         Sufface (B4)       Recent Iron Reduction In Tilled Soils (C6)       FAC-Meurial Test (D5)       FAC-Meurial Test (D5)         Situration (A3)       True Aquatic Plants (D1)       Gauge or Weil Data (D2)       FAC-Meurial Test (D5)         Situration (B4)	Stratified Layers (A5)       Loamy Gleyed Matrix (F2)       Very Shallow Dark Surface (T1)         2 cm Much (A10)       Depleted Matrix (F3)       Other (Explain in Remarks)         Depleted Bow Dark Surface (A12)       Depleted Dark Surface (F7)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Dark Surface (F7)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation - hydrology must be present, unless dist problematic.         estrictive Layer (if observed):       Type: none       Hydric Soil Present?       Yes	Masses (F12) (LRR.K.L.R)	Iron-Manganese Masses (F			eral (F1)	oamv Muckv Mir	î	fide (A4)	Hydrogen Sulfid
2 or Much (A10)       Depleted Matrix (F3)       Other (Explain in Remarks)         Depleted Below Dark Surface (A11)       Depleted Dark Surface (F6)       Other (Explain in Remarks)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)       Sandy Mucky Mineral (S1) <sup>a</sup> Indicators of hydrophytic evegetation and wetland hydrology must be present, unless disturbed or problematic.         strictive Layer (if observed):       Type: none       No X         Deph (inches):       r/a       No X         marks:       Hydric soil criterion is not met.         YDROLOGY       Aquatic Fauna (B13)       Surface S0il Cracks (B6)         Surface Water (A1)       Mater Marks (B1)       Mater Stained Leaves (B9)         Hydrogen Suffice Odor (C11)       Oxidized Fibric Odor (C12)         Saturation (A3)       True Aquatic Founa (B13)         Surface S0il (Cacks (B6)       Drainage Patterns (B10)         Dirthe Deposits (B3)       Presence of Reduced fron (C4)         Algal Mat or Cust (B4)       Recent fron Reduction in Tilled Solis (C5)         Tinn Muck Surface (C7)       Gauge or Well Data (D9)         Inundation Visible on Aerial Imagery (B7)       Gauge or Viel Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	2 cm Much (A10)       Depleted Matrix (F3)       Other (Explain in Remarks)         Depleted Below Dark Surface (A12)       Depleted Matrix (F3)       Other (Explain in Remarks)         Thick Dark Surface (A12)       Depleted Matrix (F3)       Other (Explain in Remarks)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)       3 Indicators of hydrophytic evegetation hydrology must be present, unless dist problematic.         estrictive Layer (if observed):       Type: none       Hydric Soil Present? Yes	ark Surface (TF12)	Very Shallow Dark Surface			trix (F2)	oamy Gleved Ma	ī	ers (A5)	Stratified Layers
Depleted Below Dark Surface (A11)       Redox Dark Surface (F7)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Dark Surface (F7)         strictive Layer (If observed):       register and the present, unless disturbed or problematic.         Type:       nore         Depth (inches):       na         marks:       Hydric soil criterion is not met.         YDROLOGY       Secondary Indicators (minimum of two required)         surface strict (A1)       Aquatic Fauna (B13)         Surface Water (A1)       Hydrogen Sufface Oddr (C1)         Surface water (A1)       Hydrogen Sufface Oddr (C1)         Surface Sufface (B2)       Oxidized Rhizospheres on Living Roots (C3)         Point Deposits (B3)       Presence of Reduce Inc (C4)         Sufface Water (B4)       Recent Iron Reduction in Tilled Soils (C6)         Tinundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Secondary Undicators (B3)       Thin Muck Sufface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Sufface (B8)       Other (Explain in Remarks)	Depleted Below Dark Surface (A11)       Redox Dark Surface (F6)         Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation hydrology must be present, unless dist problematic.         estrictive Layer (if observed):         Type:       none         Depth (inches):       Na         Hydric soil criterion is not met.         Secondary Indicators:         imary Indicators (minimum of one is required; check all that apply)         Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         Sutration (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogenes on Living Roots (C3)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Origins B3)       Presence of Reduced from (C4)         Atgal Mar Crust (B4)       Recent Iron Reduction in Titled Soils (C6)         Innotation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Sufface (B8)       Other (Explain in Remarks)	n Remarks)	Other (Explain in Remarks)			-3)	Depleted Matrix (I		(10)	2 cm Much (A10
Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8) <sup>3</sup> Indicators of hydrophytic evegetation and wetland hydrology must be present, unless disturbed or problematic.         instrictive Layer (If observed):	Thick Dark Surface (A12)       Depleted Dark Surface (F7)         Sandy Mucky Mineral (S1)       Redox Depressions (F8)         ************************************		<u> </u>			ace (F6)	Redox Dark Surfa	F	w Dark Surface (A11)	Depleted Below
						rface (F7)	Depleted Dark Su		urface (A12)	Thick Dark Surfa
strictive Layer (if observed):	************************************					ns (F8)	Redox Depression	F	Mineral (S1)	Sandy Mucky M
<sup>a</sup> Indicators of hydrophytic evegetation and wetland hydrology must be present, unless disturbed or problematic.          Type:       none         Depth (inches):       n/a         marks:       Hydric Soil Present?       YesNoX         YDROLOGY	<sup>3</sup> Indicators of hydrophytic evegetation hydrology must be present, unless dist problematic.         Type: none Depth (inches): n/a       Hydric Soil Present? Yes									
strictive Layer (if observed): Type: none Depth (inches): n/a       No X         mmarks:       Hydric Soil Present?       YesNo _X         mmarks:       Hydric soil criterion is not met.       X         YDROLOGY       Stand Hydrology Indicators: mary Indicators (minimum of one is required; check all that apply)       Secondary Indicators (minimum of two required)         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 Flants (B14)       Dry-Season Water Table (C2)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on Aerial Imagery (C9)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Sturation Visible on Aerial Imagery (C9)         Iron Deposits (B5)       Thin Muck Surface (C7)       Gauge or Well Data (D9)       FAC-Neutral Test (D5)         Irundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)       Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	setrictive Layer (if observed): Type: none Depth (inches): n/a       Hydric Soil Present? Yes	nt, unless disturbed or	hydrology must be present, unless d problematic.							
Type:       none         Depth (inches):       n/a         Bepth (inches):       n/a         marks:       Hydric Soil Present?       YesNoX         smarks:       Hydric soil criterion is not met.         YDROLOGY         stand Hydrology Indicators:	Type:       none         Depth (inches):       na         Hydric Soil Present?       Yes         emarks:       Hydric soil criterion is not met.         WDROLOGY       Image: Secondary Indicators:         fettand Hydrology Indicators:       Surface Soil Criacks         grade       Surface Water (A1)         High Water Table (A2)       Aquatic Fauna (B13)         Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Inondation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)								(if observed):	estrictive Layer (if
Depth (inches):       n/a       No       X         emarks:       Hydric Soil Present?       Yes       No       X         emarks:       Hydric Soil Criterion is not met.       Secondary Indicators (minimum of two required)         fmary Indicators:       Surface Water (A1)       Water-Stained Leaves (B9)       Surface Soil Cracks (B6)       Drainage Patterns (B10)         Surface Water (A1)       Water-Stained Leaves (B9)       Dry-Season Water Table (C2)       Crayfish Burrows (C8)         Saturation (A3)       True Aquatic Flauna (B13)       Dry-Season Water Table (C2)       Crayfish Burrows (C8)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on Aerial Imagery (C9)       Saturation Visible on Aerial Imagery (C9)         Sadiment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed Plants (D1)         Presence of Reduced Iron (C4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         Algal Mat or Crust (B4)       Thin Muck Surface (C7)       FAC-Neutral Test (D5)       FAC-Neutral Test (D5)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)       FAC-Neutral Test (D5)       FAC-Neutral Test (D5)	Depth (inches):       n/a       Hydric Soil Present?       Yes         emarks:       Hydric soil criterion is not met.       Figure Soil Criterion is not met.         YDROLOGY       Surface soil criterion is not met.       Secondary Indicators (minimum of one is required; check all that apply)       Surface Soil Cracks         Surface Water (A1)       Water-Stained Leaves (B9)       Drainage Patterns (         High Water Table (A2)       Aquatic Fauna (B13)       Dry-Season Water (C1)         Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on Setting Octor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (C         Iron Deposits (B5)       Thin Muck Surface (C7)       FAC-Neutral Test (C         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)       Sparsely Vegetated Concave Surface (B8)         Other (Explain in Remarks)       Other (Explain in Remarks)       Other (Explain in Remarks)       Sture or Surface (B8)								10	Type: none
semarks:       Hydric soil criterion is not met.         YDROLOGY         stland Hydrology Indicators:         imary Indicators (minimum of one is required; check all that apply)         Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	emarks:       Hydric soil criterion is not met.         YDROLOGY         etland Hydrology Indicators:       Secondary Indicators (minimum of one is required; check all that apply)         Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydroge Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algu Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	s No X	c Soil Present? Yes	Hydr					s): <u>n/a</u>	Depth (inches):
YDROLOGY         atland Hydrology Indicators:         imary Indicators (minimum of one is required; check all that apply)         Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Secondary Indicators:       Secondary Indicators (minimum of one is required; check all that apply)         Surface Water (A1)       Water-Stained Leaves (B9)       Drainage Patterns (         High Water Table (A2)       Aquatic Fauna (B13)       Dry-Season Water         Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on         Seciment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D         Iron Deposits (B5)       Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Other (Explain in Remarks)       Intermarks								dric soil criterion is not met.	emarks: <b>Hydri</b>
etrand Hydrology indicators:       Secondary indicators:         imary Indicators (minimum of one is required; check all that apply)       Surface Water (A1)       Surface Soil Cracks (B6)	etrand Hydrology indicators:       Secondary Indicators:         imary Indicators (minimum of one is required; check all that apply)       Surface Soil Cracks         Surface Water (A1)       Water-Stained Leaves (B9)       Drainage Patterns (         High Water Table (A2)       Aquatic Fauna (B13)       Dry-Season Water <sup>-</sup> Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible o         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D         Iron Deposits (B5)       Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Charles Carles								,	YDROLOGY
Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Surface Water (A1)       Water-Stained Leaves (B9)       Drainage Patterns (         High Water Table (A2)       Aquatic Fauna (B13)       Dry-Season Water (Caraytish Burrows (C         Saturation (A3)       True Aquatic Plants (B14)       Craytish Burrows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible o         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D         Iron Deposits (B5)       Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Caraytish in Remarks)	ators (minimum of two required)	Secondary Indicators (minim				5h.()	ook all that an	gy Indicators:	etland Hydrology
Surface Water (A1)       Water-Stained Leaves (B9)       Drainage Patterns (B10)         High Water Table (A2)       Aquatic Fauna (B13)       Dry-Season Water Table (C2)         Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C8)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on Aerial Imagery (C9)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         Iron Deposits (B5)       Thin Muck Surface (C7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Surface Water (A1)       Water-Stained Leaves (B9)       Drainage Patterns (         High Water Table (A2)       Aquatic Fauna (B13)       Dry-Season Water '         Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible o         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Iron Deposits (B5)       Thin Muck Surface (C7)       FAC-Neutral Test (D         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)       Other (Explain in Remarks)			_		(5.0)	ny)	ieck all that app	(minimum of one is required, cr	nimary indicators (in
High Water Table (A2)       Aduatic Fallma (613)       Dty-Season Water Table (A2)         Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C8)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on Aerial Imagery (C9)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Sturation Visible on Aerial Imagery (C9)         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         Iron Deposits (B5)       Thin Muck Surface (C7)       FAC-Neutral Test (D5)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Charlen Carlon	High Water Table (A2)       Addatic Faulta (B13)       Dry-Season Water         Saturation (A3)       True Aquatic Plants (B14)       Crayfish Burrows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible o         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D         Iron Deposits (B5)       Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Other (Explain in Remarks)	age Patterns (B10)	Drainage Pattern			aves (B9)	Vater-Stained Le		r (A1)	Surface Water (
Saturation (AS)       Inter Advance Prains (B14)       Crayinsh Burlows (C8)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible on Aerial Imagery (C9)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunet or Stressed Plants (D1)         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         Iron Deposits (B5)       Thin Muck Surface (C7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Saturation (x3)       If the Aquate Plants (B14)       Crayitsh Bullitows (C         Water Marks (B1)       Hydrogen Sulfide Odor (C1)       Saturation Visible o         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Positio         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D         Iron Deposits (B5)       Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)       Other (Explain in Remarks)	Season Water Table (C2)	Dry-Season wate			13) ha (D14)	Aquatic Fauna (B		able (A2)	High Water Tabl
Water Marks (B1)       Flydrogen Sunide Odor (C1)       Saturation Visible on Aerial Imagery (C9)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living Roots (C3)       Stunted or Stressed Plants (D1)         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         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)	Water Marks (B1)     Hydrogen Sulfie Odd (C1)     Saturation Visible of Stressec       Sediment Deposits (B2)     Oxidized Rhizospheres on Living Roots (C3)     Sturted or Stressec       Drift Deposits (B3)     Presence of Reduced Iron (C4)     Geomorphic Positio       Algal Mat or Crust (B4)     Recent Iron Reduction in Tilled Soils (C6)     FAC-Neutral Test (I       Iron Deposits (B5)     Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)     Gauge or Well Data (D9)       Sparsely Vegetated Concave Surface (B8)     Other (Explain in Remarks)	ISII BUITOWS (CO)	ClayIISI Bullows			lS (D14) Oder (C1)	Tue Aqualic Plan		o) (D1)	Saturation (A3)
Optimized Virial Deposits (B2)       Optimized Virial Deposits (B2)       Optimized Virial Deposits (B2)         Drift Deposits (B3)       Presence of Reduced Iron (C4)       Geomorphic Position (D2)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         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)	Drift Deposits (B2)       Oxidized (Nuclear Nuclear Nu	allon Visible on Aeriai Imagery (C9)	Saturation Visible		Poote (C3)		vidized Phizosp	r	(BI)	Sediment Depor
Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled Soils (C6)       FAC-Neutral Test (D5)         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Iron Deposits (B5)       This Reduction in Tilled Soils (C6)       FAC-Neutral Test (I         Iron Deposits (B5)       Thin Muck Surface (C7)       FAC-Neutral Test (I         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)       Sparsely Vegetated Concave Surface (B8)	ed of Stressed Plants (DT)	Stunied of Stress		R0015 (C3)	ced Iron (C4)	Prosonce of Podu		(B3)	Sediment Depos
Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Iron Deposits (B5)     Thin Muck Surface (C7)       Inundation Visible on Aerial Imagery (B7)     Gauge or Well Data (D9)       Sparsely Vegetated Concave Surface (B8)     Other (Explain in Remarks)	Noutral Test (D5)	EAC-Neutral Test			ceu iron (C4)	Pecent Iron Redu		(BS) Crust (B4)	Algal Mat or Cru
Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	Inundation Visible on Aerial Imagery (B7)     Gauge or Well Data (D9)       Sparsely Vegetated Concave Surface (B8)     Other (Explain in Remarks)	Neutral Test (D3)					bin Muck Surfac	'	(B5)	Iron Deposits (B
Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks)	Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks)					ta (D9)	Fauge or Well Da		sible on Aerial Imageny (B7)	Inundation Visib
						Remarks)	Other (Explain in		etated Concave Surface (B8)	Sparsely Vegeta
								`		

Saturation Present? (includes capillary fringe) No X Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Depth (inches):

Remarks: Wetland hydrology criterion is not met. No indication of consistent wetness on FSA crop slides or aerials.

Yes

No<u>X</u>

Wetland Hydrology Present? Yes

					Franklin /			
Project/Site: Loon	nis Road Parcels				City/County: Milwaukee	Sampling	g Date: October 30, 2	2014
Applicant/Owner:	Bear Developn	nent, LLC			State:	WI	Sampling Point:	T-11 DP-23 WTD
Investigator(s):	Heather D. Pat	ti, PWS & Mike Al-Wathiq	ui		Section, Township	, Range: Section	30, T5N R21E	
Landform (hillslope,	terrace, etc.):	wetland depression			Local relief (concave, conve	x, none): concav	e	
Slope (%): 0%		Lat: See Figure 2		Long: Se	e Figure 2		Datum: See Figure 2	
Soil Map Unit Name	:	Ashkum silty cla	y loam 0-2% slo	opes (AsA), Hydr	ic	WWI Classification:	nc	one
Are climatic / hydrold	ogic conditions on	the site typical for this time	of year?		Yes X No	(if no, e:	xplain in Remarks)	
Are Vegetation	<u>*Y</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circ	umstances" present?	Yes	No X
Are Vegetation	N Soil	N or Hydrology	**Y naturall	y problematic?	(if needed, explai	in any answers in Ren	narks)	
		Attack alta man ak			ations thereasts inch	antant factures	-	
SUMMARY OF	FINDINGS	Attach site map she	owing samp	ling point loc	ations, transects, imp	ortant features,	etc.	
Hydrophytic Vegetat	ion Present?	Yes	No	х	Is the Sampled A	vrea		
Hydric Soil Present?	,	Yes X	No		within a Wetland	?	Yes X	No
Wetland Hydrology	Present?	Yes X	No		If yes, optional w	etland site ID:	W-8	
Bomorko	*Formed wotle	nd **Hudrology is soos	-					
Remarks.	Farmed wetta	nu nyurology is seas	Jilai					
<b>VEGETATION</b> ·	- Use scientific	names for plants.					Sampling Point:	T-11 DP-23 WTD
		Absolute %	Dominant	Indicator				
Tree Stratum (Plot s	ize: 30'R	) Cover	Species	Status	Dominance	e Test Worksheet:		
					Number of	Dominant Species		
1. Ulmus america	ana	5%	Y	FACW	That Are O	BL, FACW, or FAC:	1	(A)
2								
3					Total Numb	ber of Dominant	2	(D)
4 5					Species Ad	JUSS All Strata.	3	(D)
6.					Percent of	Dominant Species		
7.					That Are O	BL, FACW, or FAC:	33%	(A/B)
		5% =	Total Cover					
					Prevalence	e Index Worksheet:		
						Total % Cover of:	Multip	bly by:
	(Dist size)				OBL specie	es	x 1 =	
1 n/a	um (Piot size.	13 K )			FACW spec		x 2 =	
2.					FACU specie	cies	x 4 =	
3.					UPL specie	es	x 5 =	
4.					Column To	itals:	(A)	(B)
5.								
6					Preva	alence Index B/A =	n/a	
/			Total Cover		Hydrophyt	tic Vagatation Indica	tors	
					riyarophyt	Rapid Test for Hvd	tons.	
					_	Dominance Test is	s >50%	
						Prevalence Index i	s ≤ 3.0 <sup>1</sup>	
Herb Stratum (Plot s	ize: 5'R	)				Morphological Ada	ptations <sup>1</sup> (Provide sup	pporting
1. Setaria faberi		5%	Y	FACU		data in Remarks	or on separate sheet	)
2. Hibiscus trino	nium	5%	<u>Y</u>	UPL	<u></u>	Problematic Hydro	phytic Vegetation' (E:	xplain)
3								
4 5					<sup>1</sup> Indicators	s of bydric soil and we	tland bydrology must	
6.					be presen	it. unless disturbed or	problematic.	
7.								
8.								
9								
10								
11.								
12.								
13								
17.		10% =	Total Cover					
Woody Vine Stratum	n (Plot size: 30'R	)						
1 70								
1. <u>n/a</u>								
3.					Hydrophyt	tic		
4.					Vegetation	1		
			= Total Cover		Present?	Yes	No	*X
						-		
Demorting (In 1	hata number	ar an a ann an that is a star						
Remarks: (Include b	noto numbers here	e ur un a separate speet )						

Predominantly bare ground due to seasonal standing water/saturation. Species present may have grown in later during drier conditions.

epth	Matrix			Redox Feat	ures			
nches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-12	10YR 3/1	90%	10YR 3/4	10%	С	м	si cl loam	
12-20	10YR 5/2	60%	10YR 5/6	40%	С	М	silty clay	mixing - some sand pockets
								- <u></u>
								· · · · · · · · · · · · · · · · · · ·
		used Matrix CC		ad Cand Crai		2	Leastion: DL D	Lining M Matrix
ype: C=Concentration,	D=Depletion, RM=Red	uced Matrix, CS	=Covered or Coat	ed Sand Grai	ns.		Location: PL=Pore	e Lining, M=Matrix
dric Soli Indicators:			On the Olaveral Ma	( <b>C</b> 4)			Indicators to	r Problematic Hydric Solls :
HISTOSOL (A1)			Sandy Gleyed Ma	trix (S4)			Coas	Surface (SZ) (LRR,K,L,R)
- Histic Epipedon (A2)			Sandy Redox (55)	)			Dark	
Black Histic (A3)			Stripped Matrix (S	6)			5 cm	mucky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfide (A4	+)		Loamy Mucky Min	eral (F1)			Iron-r	Manganese Masses (F12) (LKR,K,L,R)
Stratified Layers (A5)			Loamy Gleyed Ma	itrix (F2)			Very	Shallow Dark Surface (TF12)
2 cm Much (A10)			Depleted Matrix (F	-3)			Other	r (Explain in Remarks)
Depleted Below Dark	Surface (A11)	Х	Redox Dark Surfa	ace (F6)				
Thick Dark Surface (	A12)		Depleted Dark Su	rface (F7)				
Sandy Mucky Minera	l (S1)		Redox Depressior	ns (F8)				
							<sup>3</sup> Indicators of	hydrophytic evegetation and wetland
							hydrology mu problematic	st be present, unless disturbed or
estrictive Layer (if obs	erved):							
Depth (inches): n/						Hvd	ric Soil Procent?	Vos X No
Deptil (ilicites).						пуч	ne son Fresent?	
emarks: Hydric so	I criterion is met				J			
mano. nyano sol	i entenon la met.							

# HYDROLOGY

Wetland Hydrology Indicators	s: one is required	1: check all t	hat an	(עומ		Seconda X	ary Indicators (minimum of two required) Surface Soil Cracks (B6)
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 Aeria X Sparsely Vegetated Conca	il Imagery (B7)		x	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)	-	x x x x	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	х	Depth (inches):			
Water Table Present?	Yes	No	Х	Depth (inches):			
Saturation Present? (includes capillary fringe)	Yes	No	Х	Depth (inches):		Wetlan	nd Hydrology Present? Yes X No
Describe Recorded Data (streat	m gauge, moni	torina well. a	aerial I	photos, previous inspections), if available:			
USGS topo map (Figure 1), 1 WWI map (Figure 5), NOAA's	-foot contour i AHPS map (F	map (Figure igure 6), L	e 2), N ocal V	RCS Soils Map (Figure 3), Aerial Maps from VETS table, and FSA Crop Slide:	2000, 2005, 2	010, and 2013	(Figures 4A-D),

Remarks: Wetland hydrology criterion is met. Visible on most FSA slides and spring aerials.

						Franklin /			
Project/Site: Loon	nis Road Parcels				City/County:	Milwaukee	Samplin	g Date: October 30,	2014
Applicant/Owner:	Bear Develop	ment, LLC			S	itate:	WI	Sampling Point	:: T-12 DP-24 UPL
Investigator(s):	Heather D. Pat	tti, PWS & Mike Al-Wathiq	ui		Section	n, Township, Range:	Section	n 30, T5N R21E	
Landform (hillslope,	terrace, etc.):	backslope			Local relief (con	cave, convex, none):	conve	(	
Slope (%): 10%		Lat: See Figure 2		Long: Se	e Figure 2			Datum: See Figure 2	2
Soil Map Unit Name:	:	Blount silt loam, 1	-3% slopes (Bl	A), Hydric Inclusi	ions	WWI CI	lassification:	n	one
Are climatic / hydrold	ogic conditions on	the site typical for this time	of year?		Yes X	No	(if no, e	xplain in Remarks)	
Are Vegetation	*Y Soil	N or Hydrology	<u>N</u> signific	antly disturbed?	Are "	'Normal Circumstanc	es" present?	Yes	sNoX
Are Vegetation	N Soil	N or Hydrology	<u>N</u> natural	ly problematic?	(if ne	eded, explain any an	nswers in Re	marks)	
SUMMARY OF	FINDINGS	- Attach site map sh	owing samp	ling point loc	cations, trans	ects, important	features	, etc.	
Hydrophytic Vegetat	ion Present?	Yes	No	х	Is the	e Sampled Area			
Hydric Soil Present?		Yes	- No	x	within	n a Wetland?		Yes	No X
Wetland Hydrology F	Present?	Yes	No	<u> </u>	If ves	s, optional wetland si	te ID:	N/A	
						.,			
Remarks:	*Active corn fi None of the w	ield - corn is healthy, no c etland criteria have been r	rop stress met. Topograp	hy and lack of cro	op stress indicate	e upland.			
VEGETATION -	- Use scientific	c names for plants.						Sampling Point:	T-12 DP-24 UPL
		Absolute %	Dominant	Indicator		Dominance Test W	/orksheet:		
Tree Stratum (Plot si	ize: 30'R	) Cover	Species	Status		Number of Demission			
1. <u>n/a</u> 2.		<u> </u>				That Are OBL, FAC	W, or FAC:	0	(A)
3.						Total Number of Do	minant		
4.						Species Across All S	Strata:	1	(B)
5									
6						Percent of Dominan	t Species	09/	
<i>'</i>		·	Total Cover			That Ale OBL, FAC	W, UI FAC.	0 76	(AVB)
						Prevalence Index \	Worksheet:		
						Total %	Cover of:	Multi	ply by:
						OBL species		x 1 =	
Sapling/Shrub Stratu	um (Plot size:	15'R)				FACW species		x 2 =	
1. <u>n/a</u>						FAC species		x 3 =	
2						FACU species		X4=	
4.						Column Totals:		X 3 = (A)	(B)
5.									
6.						Prevalence In	dex B/A =	n/a	
7									
		=	<ul> <li>Total Cover</li> </ul>			Hydrophytic Veget	tation Indica	itors:	
						Rapid	I lest for Hy	drophytic Vegetation	
						Domi	nance Test I	3 > 50% is < 3.0 <sup>1</sup>	
Herb Stratum (Plot s	ize 5'R	)				Norp	hological Ad	aptations <sup>1</sup> (Provide su	upporting
1. Zea mays		<u> </u>	Y	UPL		data	a in Remarks	s or on separate shee	et)
2.						Proble	ematic Hydro	ophytic Vegetation1 (E	Explain)
3.									
4.						1			
5						Indicators of hydric	c soil and we	tland hydrology must	
6						be present, unless	alsturbed or	problematic.	
8									
9.		·							
10.									
11.									
12.									
13.									
14		00%	Total Cover						
		90% =	I otal Cover						
Woody Vine Stratum	n (Plot size: 30'R	)							
1. <u>n/a</u>									
2.									
3						Hydrophytic			
4			- Total Cauar			Vegetation Procent?	V	<b>k</b> 1.	, v
						r lesell (	tes	NC	<u> </u>
Remarks: (Include p	hoto numbers her	e or on a separate sheet )			1				
Hydrophytic vegeta	ation criterion is	not met. No crop stress o	bserved.						

## Sampling Point: T-12 DP-24 UPL

Depth	Matrix			Redox Featu	ures			
nches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-3	10YR 3/3	100%					si cl loam	
3-16	10YR 3/3	90%	7.5YR 4/6	10%	С	м	si cl loam	
16-20	10YR 5/3	85%	10YR 5/6	15%	С	м	silty clay	
							<u> </u>	
							·	
ype: C=Concentr	ation, D=Depletion, RM=Red	uced Matrix, CS=C	overed or Coat	ted Sand Grain	IS.	2	Location: PL=Pore Linir	ng, M=Matrix
ydric Soil Indicat	ors:						Indicators for Pro	oblematic Hydric Soils <sup>3</sup> :
Histosol (A1)		Sa	ndy Gleyed Ma	trix (S4)			Coast Prai	irie Redox (A16) <b>(LRR,K,L,R)</b>
Histic Epipedo	n (A2)	Sa	ndy Redox (S5	)			Dark Surfa	ace (S7) (LRR,K,L)
Black Histic (A	3)	Str	ipped Matrix (S	6)			5 cm mucl	ky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfi	de (A4)	Loa	amy Mucky Mir	neral (F1)			Iron-Mang	ganese Masses (F12) (LRR,K,L,R)
Stratified Layer	rs (A5)	Lo	amy Gleyed Ma	atrix (F2)			Very Shall	low Dark Surface (TF12)
2 cm Much (A1	0)	De	pleted Matrix (F	=3)			Other (Exp	plain in Remarks)
Depleted Belov	w Dark Surface (A11)	Re	dox Dark Surfa	ace (F6)				
Thick Dark Sur	face (A12)	De	pleted Dark Su	rface (F7)				
Sandy Mucky r	vineral (S1)	Re	dox Depression	ns (F8)				
							<sup>3</sup> Indicators of hude	replation and watered
							hydrology must be	present unless disturbed or
							problematic.	
							F	
estrictive Layer (	if observed):							
Type: none	e							
Depth (inches)	: <u>n/a</u>					Hyd	ric Soil Present?	Yes <u>No X</u>
emarks: Hvd	ric soil criterion is not met.							
YDROLOGY								
rimany Indicators (	y Indicators:	check all that apply	)				Secondary	y Indicators (minimum of two required)
			/			_		
Surface Water	(A1)	Wa	ater-Stained Le	aves (B9)				Drainage Patterns (B10)
Hign Water Tal	DIE (AZ)	Aq	uatic Fauna (B	13) to (P14)				Dry-Season Water Table (C2)
Saturation (A3)	) 21)	I ru	drogon Sulficia	115 (B14) Odor (C1)				Crayiisri Duffows (Co)
vvater iviarks (E	Dij Deite (B2)	Hy	urogen Suifide	Ouor (C1)	Roote (Ca)			Saturation VISIBle on Aerial Imagery (C9)
Drift Deposite (	(B2)	OX	sence of Rodu		y 1.0015 (03)			Geomorphic Position (D2)
	00)	FI	Source of Ivedu	1000 11011 (04)				

Wetland Hydrology Indicato Primary Indicators (minimum	ors: of one is require	ed; check all	that apply	y)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
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 Ae Sparsely Vegetated Cor	rial Imagery (B7) cave Surface (B	-             -	W           Ac           Tr           Hy           O:           Pr           Re           Th           G:           Of	ater-Stained Leaves (B9) quatic Fauna (B13) ue Aquatic Plants (B14) ydrogen Sulfide Odor (C1) xidized Rhizospheres on Living Roots (C3) esence of Reduced Iron (C4) ecent Iron Reduction in Tilled Soils (C6) nin Muck Surface (C7) auge or Well Data (D9) (her (Explain in Remarks)	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	Х	Depth (inches):	
Water Table Present?	Yes	No	X	Depth (inches):	
Saturation Present? (includes capillary fringe)	Yes	No	X	Depth (inches):	Wetland Hydrology Present? Yes <u>No X</u>
Describe Recorded Data (stre USGS topo map (Figure 1), WWI map (Figure 5), NOAA	eam gauge, mon , 1-foot contour \'s AHPS map (I	hitoring well, <sup>•</sup> map (Figur Figure 6), L	aerial pho re 2), NR( Local WE	otos, previous inspections), if available: CS Soils Map (Figure 3), Aerial Maps from TS table, and FSA Crop Slide:	2000, 2005, 2010, and 2013 (Figures 4A-D),

					Franklin /
Project/Site: Loon	nis Road Parcels				City/County: Milwaukee Sampling Date: October 30, 2014
Applicant/Owner:	Bear Developm	ent, LLC			State: WI Sampling Point: T-12 DP-25 WTD
Investigator(s):	Heather D. Patt	i, PWS & Mike Al-Wathiq	i		Section, Township, Range: Section 30, T5N R21E
Landform (hillslope,	terrace, etc.):	wetland depression			Local relief (concave, convex, none): slightly concave
Slope (%): 0%		Lat: See Figure 2		Long: Se	ee Figure 2 Datum: See Figure 2
Soil Map Unit Name	:	Blount silt loam, 1	-3% slopes (BIA	A), Hydric Inclusi	ions WWI Classification: none
Are climatic / hydrolo	ogic conditions on t	he site typical for this time	of year?		Yes X No (if no, explain in Remarks)
Are Vegetation	*Y Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances" present? Yes No X
Are Vegetation	N Soil	N or Hydrology	**Y naturall	y problematic?	(if needed, explain any answers in Remarks)
SUMMARY OF	FINDINGS	Attach site map she	owing samp	ling point loc	cations, transects, important features, etc.
Hydrophytic Vegetat	ion Present?	Yes	No	х	Is the Sampled Area
Hydric Soil Present?	,	Yes X	– No		within a Wetland? Yes X No
Wetland Hydrology	Present?	Yes X	– No		If yes, optional wetland site ID: W-9
	4 <b>-</b>		-		
Remarks:	*Farmed wetlar	id with crop failure **H	ydrology is sea	sonal	
VEGETATION ·	Use scientific	names for plants.			Sampling Point:
		Absolute %	Dominant	Indicator	Dominance Test Worksheet:
Tree Stratum (Plot s	ize: 30'R	) Cover	Species	Status	
1. <u>n/a</u>					Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
3					Total Number of Dominant
4.					Species Across All Strata: <u>2</u> (B)
5.					
6					Percent of Dominant Species
/			Total Cover		That Are OBL, FACW, of FAC: [AVB]
					Prevalence Index Worksheet:
					Total % Cover of: Multiply by:
					OBL species x 1 =
Sapling/Shrub Stratu	um (Plot size:	15'R)			FACW species x 2 =
1. <u>n/a</u>					
2					
3 4					Column Totals: (A) (B)
5.					
6.					Prevalence Index B/A = n/a
7			<b>T</b> ( ) 0		
		=	I otal Cover		Hydrophytic Vegetation Indicators:
					X Rapid Test for Hydrophytic Vegetation
					Prevalence Index is $\leq 3.0^{1}$
Herb Stratum (Plot s	ize: 5'R	)			Morphological Adaptations <sup>1</sup> (Provide supporting
1. Alisma subcor	rdatum	5%	Y	OBL	data in Remarks or on separate sheet)
2. Echinochloa c	rus-galli	5%	Y	FACW	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3					
4					<sup>1</sup> Indiactors of hydric soil and watland hydrology must
5 6					be present unless disturbed or problematic
7.					
8.					
9.					
10					
11					
12.					
13					
14		10% =	Total Cover		
Woody Vine Stratum	n (Plot size: 30'R	)			
1 n/2					
2					
3.					Hydrophytic
4.					Vegetation
			= Total Cover		Present? Yes x No
Remarks: (Include p	noto numbers here	or on a separate sheet.)	aturation		
I reactiniantity bare	s ground dde to Si	sasonai stanuniy water/s			

- p	Matrix			Redox Feat	ures			
nches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-15	10YR 3/2	80%	7.5YR 4/6	20%	С	М	si cl loam	
15-20	10YR 5/2	70%	7.5YR 4/6	30%	С	М	silty clay	
·							·	
<u> </u>								
								· · · · · · ·
ype: C=Concentratio	on, D=Depletion, RM=Redu	uced Matrix, CS	=Covered or Coat	ed Sand Grain	IS.	_	Location: PL=Pore Lir	ning, M=Matrix
ydric Soil Indicators	s:						Indicators for Pr	roblematic Hydric Soils":
				(C 1)				
Histosol (A1)	۵2)		Sandy Gleyed Ma	trix (S4)			Coast Pr	rairie Redox (A16) (LRR,K,L,R)
Histosol (A1) Histic Epipedon (A Black Histic (A3)	A2)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S	trix (S4) ) ;6)			Coast Pr Dark Sur 5 cm mu	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide	A2) (A4)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir	trix (S4) ) i6) peral (F1)			Coast Pr Coast Pr Dark Sur 5 cm mu	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) ioganese Masses (F12) (LRR,K,LR)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers (	A2) (A4) (A5)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma	trix (S4) ) 66) eeral (F1) atrix (F2)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10)	A2) (A4) (A5)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (F	trix (S4) ) 66) neral (F1) atrix (F2) F3)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below D	A2) (A4) (A5) Dark Surface (A11)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (f Redox Dark Surfa	trix (S4) ) 66) eeral (F1) atrix (F2) F3) ace (F6)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below D Thick Dark Surfac	A2) (A4) (A5) Dark Surface (A11) ce (A12)	X	Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (f Redox Dark Surfa Depleted Dark Su	trix (S4) ) leeral (F1) atrix (F2) F3) ace (F6) rface (F7)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E:	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below D Thick Dark Surfac Sandy Mucky Min	A2) (A4) (A5) Dark Surface (A11) ce (A12) Ieral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (f Redox Dark Sufr Depleted Dark Su Redox Depression	trix (S4) ) (6) weral (F1) attrix (F2) 73) ace (F6) rface (F7) ns (F8)			Coast Pr Dark Sur 5 cm nu Iron-Man Very Sha	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks)
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below D Thick Dark Surfac Sandy Mucky Min	A2) (A4) (A5) Dark Surface (A11) ce (A12) heral (S1)	  	Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix ( Redox Dark Surfa Depleted Dark Su Redox Depression	trix (S4) ) i6) ieral (F1) trix (F2) F3) ace (F6) rface (F7) is (F8)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E: <sup>3</sup> Indicators of hyd	drophytic evegetation and wetland
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below E Thick Dark Surfac Sandy Mucky Min	A2) (A4) (A5) Dark Surface (A11) ce (A12) heral (S1)	  	Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (R Redox Dark Surfa Depleted Dark Su Redox Depression	trix (S4) ) i6) ieral (F1) trix (F2) F3) ace (F6) rface (F7) is (F8)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E: <sup>3</sup> Indicators of hydrology must b problematic.	drophytic evegetation and wetland e present, unless disturbed or
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below E Thick Dark Surfac Sandy Mucky Min	A2) (A4) (A5) Dark Surface (A11) te (A12) teral (S1)	X	Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (f Redox Dark Suff Depleted Dark Su Redox Depression	trix (S4) ) (6) eral (F1) atrix (F2) F3) ace (F6) rface (F7) ns (F8)	Ι		Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E: <sup>3</sup> Indicators of hyc hydrology must b problematic.	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below E Thick Dark Surfac Sandy Mucky Min	A2) (A4) (A5) Dark Surface (A11) ce (A12) neral (S1)	X	Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (f Redox Dark Suff Depleted Dark Su Redox Depression	trix (S4) ) (6) eral (F1) atrix (F2) =3) ace (F6) rface (F7) ns (F8)			Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E: <sup>3</sup> Indicators of hyc hydrology must b problematic.	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or
Histosol (A1) Histic Epipedon (/ Black Histic (A3) Hydrogen Sulfide Stratified Layers ( 2 cm Much (A10) Depleted Below C Thick Dark Surfac Sandy Mucky Min	A2) (A4) (A5) Dark Surface (A11) ce (A12) neral (S1) Deserved):		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix (f Redox Dark Suff Depleted Dark Su Redox Depression	trix (S4) ) (6) eral (F1) atrix (F2) <sup>7</sup> 3) ace (F6) rface (F7) ns (F8)		Hvd	Coast Pr Dark Sur 5 cm mu Iron-Man Very Sha Other (E: <sup>3</sup> Indicators of hyc hydrology must b problematic.	airie Redox (A16) (LRR,K,L,R) face (S7) (LRR,K,L) cky peat or peat (S3) (LRR,K,L) iganese Masses (F12) (LRR,K,L,R) allow Dark Surface (TF12) xplain in Remarks) drophytic evegetation and wetland e present, unless disturbed or

## HYDROLOGY

Wetland Hydrology Indicator Primary Indicators (minimum c	rs: of one is required	d; check all '	that ap	oly)		Seconda X	ry Indicators (minimum of two required) Surface Soil Cracks (B6)
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) X Inundation Visible on Aeri X Sparsely Vegetated Conc	ial Imagery (B7) cave Surface (B{			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)		X X X X	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	х	Depth (inches):			
Water Table Present?	Yes	No	Х	Depth (inches):			
Saturation Present? (includes capillary fringe)	Yes	No	х	Depth (inches):		Wetland	d Hydrology Present? Yes X No
Describe Recorded Data (strea	am gauge, moni	toring well,	aerial p	hotos, previous inspections), if available:			
USGS topo map (Figure 1),	1-foot contour	map (Figur	e 2), N	RCS Soils Map (Figure 3), Aerial Maps from	n 2000, 2005,	, 2010, and 2013 (	Figures 4A-D),
wwi map (Figure 5), NOAA	S AHPS map (F	igure oj, L	ocai w	ETS table, and FSA Crop Silde:			
Romarka: Watland hydro	logy oritorion i	ic mot Vic	ible on	most ESA slides and spring pariols			
Remarks. wenand nyuru	hogy criterion i	S met. visi	ble on	most FSA sindes and spring aeriais.			

					Franklin /	
Project/Site: Loon	nis Road Parceis				City/County: Milwaukee Sampling Date: October 30, 2014	
Applicant/Owner:	Bear Develop	nent, LLC			State: WI Sampling Point: DP-26 UPL	
Investigator(s):	Tina M. Myers	, PWS			Section, Township, Range: Section 30, T5N R21E	
Landform (nillslope,	terrace, etc.):			[	Local relier (concave, convex, none): convex	
Siope (%): 2-3%		Lat: See Figure 2		Long: See	Figure 2 Datum: See Figure 2	
Soli Map Unit Name	· · · ·	ASINKUM SIITY CIAY	10am 0-2% sid	ppes (ASA), Hydric		
Are climatic / hydrolo	ogic conditions on	the site typical for this time of	or year?	ath a diata ah a dQ	Yes X NO (If no, explain in Remarks)	
Are Vegetation	<u>N</u> Soil	*V or Hydrology	N significa	ntiy disturbed?	Are Normal Circumstances present? Yes X No (if peeded explain any answers in Remarks)	
	<u> </u>					
SUMMARY OF	FINDINGS	Attach site map sho	wing sampl	ing point locat	tions, transects, important features, etc.	
Hydrophytic Vegetat	tion Present?	Yes	No	x	Is the Sampled Area	
Hydric Soil Present?	2	Yes X	No		within a Wetland? Yes No X	
Wetland Hydrology I	Present?	Yes	No	<u>x</u>	If yes, optional wetland site ID: N/A	
Remarks:	Does not mee *Drained hydr	all three wetland criteria.				
VEGETATION	- Use scientific	names for plants.			Sampling Point: DP-26 UPL	
		Absolute %	Dominant	Indicator	Dominance Test Worksheet:	_
Tree Stratum (Plot s	ize: 30'R	) Cover	Species	Status	Number of Deminent Species	
1. <i>n/a</i>					That Are OBL, FACW, or FAC: 2 (A)	
2.		·			()	
3.					Total Number of Dominant	
4		·			Species Across All Strata: 4 (B)	
5		·			Percent of Dominant Species	
7.		·			That Are OBL, FACW, or FAC: 50% (A/B)	
		=	Total Cover			
					Prevalence Index Worksheet:	
					Total % Cover of: Multiply by:	
Sanling/Shrub Strati	um (Plot size:	15'R )			OBL species $0 \times 1 = 0$ EACW species $5 \times 2 = 10$	
1. Rhamnus cath	nartica	<u>40%</u>	Y	FAC	FAC species $141 \times 3 = 423$	
2. Lonicera x bel	lla	5%	N	FACU	FACU species <b>50</b> x 4 = <b>200</b>	
3. Cornus racem	osa	5%	N	FAC	UPL species 43 x 5 = 215	
4. Viburnum lent	ago	3%	N	FAC	Column Totals: <b>239</b> (A) <b>838</b> (B)	
5. Frangula alnus	S		<u>N</u>	FAC	Provolonce Index P/A – 25	
6 7		·			Prevalence index B/A = 3.3	
		56% =	Total Cover		Hydrophytic Vegetation Indicators:	
					Rapid Test for Hydrophytic Vegetation	
					Dominance Test is >50%	
Harb Stratum (Diation	NIZO: E'D	,			Prevalence Index is ≤ 3.0° Merphological Adaptations <sup>1</sup> (Brovide supporting	
1 Poa pratensis	SIZE. JR		Y	FAC	data in Remarks or on separate sheet)	
2. Fragaria virgin	niana	40%	Y	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)	
3. Solidago nem	oralis	40%	Y	UPL		
4. Carex grisea		10%	N	FAC	1	
5. Taraxacum off	ficinale	5%	<u>N</u>	FACU	Indicators of hydric soil and wetland hydrology must	
6. Eutnamia gran	ninifolia	3%	<u> </u>		be present, unless disturbed or problematic.	
8.	•	0/1		0.12		
9.						
10.						
11						
12.		·				
13		·				
		183% =	Total Cover			
Woody Vine Stratum	n (Plot size: 30'R	)				
1. <u>n/a</u>						
3					Hydronhytic	
4.		·			Vegetation	
			= Total Cover		Present? Yes No X	
Remarks: (Include n	hoto numbers ber	e or on a senarate sheet )			1	

Hydrophytic vegetation criterion is not met. Plant community is an upland meadow between a corn field and a dense upland shrub thicket.

Sampling	Point:	D
Camping		-

DP-26 UPL

	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks
0-9	10YR 2/1	100%					si cl loam	
9-24	10YR 4/2	60%	10YR 5/6	40%	С	м	silty clay	
J-24	10111 4/2	0070	10110 3/0	4070			Sitty citay	
						_		
				-		-		
ne: C=Concentratio	on D-Depletion RM-Redu	ced Matrix CS	-Covered or Coat	ed Sand Grair	ns.	21	ocation: PI =Pore Li	ning M=Matrix
					13.	-		
Iric Soil Indicators	S:						Indicators for P	roblematic Hydric Soils":
Histosol (A1)			Sandy Gleyed Ma	trix (S4)			Coast P	rairie Redox (A16) (LRR,K,L,R)
Histic Epipedon (/	A2)		Sandy Redox (S5)	)			Dark Su	rface (S7) (LRR,K,L)
Black Histic (A3)			Stripped Matrix (S	6)			5 cm mu	ucky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfide	(A4)		Loamy Mucky Min	eral (F1)			Iron-Mar	nganese Masses (F12) <b>(LRR,K,L,R)</b>
Stratified Layers (	(A5)		Loamy Gleyed Ma	trix (F2)			Very Sh	allow Dark Surface (TF12)
2 cm Much (A10)		Х	Depleted Matrix (F	-3)			Other (E	xplain in Remarks)
Depleted Below D	Dark Surface (A11)		Redox Dark Surfa	ace (F6)				
Thick Dark Surfac	ce (A12)		Depleted Dark Su	rface (F7)				
Sandy Mucky Min	eral (S1)		Redox Depressior	ns (F8)				
							3	
							<sup>3</sup> Indicators of hy	drophytic evegetation and wetland
							hydrology must b	be present, unless disturbed or
							problematic.	
estrictive Layer (if c	observed):							
Type: none								
Type: none Depth (inches):	n/a					Hydr	ic Soil Present?	Yes X No
Type: none Depth (inches):	n/a					Hydr	ic Soil Present?	Yes <u>X</u> No
Type: <u>none</u> Depth (inches): emarks: <b>Hydric</b>	n/a soil criterion is met; how	vever, based o	n plant communi	ty and lack o	f hydrology, t	Hydr this appea	ic Soil Present?	Yes X No
Type: none Depth (inches): emarks: Hydric hydrold	n/a soil criterion is met; how ogic regime.	ever, based o	n plant communi	ty and lack of	f hydrology, t	Hydr this appea	ic Soil Present? rs to be a relict hyc	Yes X No
Type: none Depth (inches): emarks: Hydric hydrold	n/a soil criterion is met; how ogic regime.	vever, based o	n plant communi	ty and lack o	f hydrology, t	Hydr this appea	ic Soil Present? rs to be a relict hyc	Yes X No
Type: none Depth (inches): emarks: Hydric hydrold	n/a soil criterion is met; how ogic regime.	ever, based o	n plant communi	ty and lack o	f hydrology, t	Hydr this appea	ic Soil Present? rs to be a relict hyc	Yes X No
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Type: none Depth (inches): marks: Hydric hydrology PMROLOGY etland Hydrology Ir imary Indicators (mir Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits (B3 Algal Mat or Crus Iron Deposits (B5 Inundation Visible Sparsely Vegetate eld Observations: urface Water Present? aturation Present? cludes capillary fring escribe Recorded Da SGS topo map (Fig	n/a soil criterion is met; how ogic regime. ndicators: nimum of one is required; cl 1) (A2) (A2) (B4) ) con Aerial Imagery (B7) ed Concave Surface (B8) t? Yes y	No X No X No X No X No X No X	n plant communi ply) Water-Stained Lea Aquatic Fauna (B1 True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfaca Gauge or Well Da Other (Explain in F Depth (inches): Depth (inches): Depth (inches): Depth (inches):	ty and lack of aves (B9) 13) ts (B14) Odor (C1) heres on Livin ced Iron (C4) tion in Tilled S e (C7) ta (D9) Remarks) 23 20 spections), if a	f hydrology, f f hydrology, f g Roots (C3) Soils (C6) Soils (C6)	Hydr this appea	ic Soil Present?  rs to be a relict hyc  Seconda  Seconda  Wetlan  05, 2010, and 2013	Yes X No Aric soil from a former ary 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) d Hydrology Present? Yes No (Figures 4A-D),
Type: none Depth (inches): marks: Hydric hydrold YDROLOGY etland Hydrology Ir mary Indicators (mir Surface Water (A High Water Table Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3 Drift Deposits (B3 Drift Deposits (B3 Iron Deposits (B5 Inundation Visible Sparsely Vegetate etld Observations: rface Water Present? turation Present?	n/a soil criterion is met; how ogic regime.  ndicators: nimum of one is required; cf 1) (A2) (A2) (B5 (B2) ) t (B4) ) e on Aerial Imagery (B7) ed Concave Surface (B8) (Concave Surface (B8) (Concave Surface (B8)) (Concave Surface	neck all that ap	n plant communi ply) Water-Stained Lea Aquatic Fauna (B1 True Aquatic Plan Hydrogen Sulfide Oxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surface Gauge or Well Da Other (Explain in F Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches):	ty and lack of aves (B9) 13) ts (B14) Odor (C1) neres on Livin; ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks) 23 20 spections), if a Figure 3), Aer SA Crop Slid	g Roots (C3) Soils (C6)	Hydr this appea	ic Soil Present? rs to be a relict hyd Seconda Seconda US5, 2010, and 2013	Yes X No tric soil from a former ary 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) d Hydrology Present? Yes No (Figures 4A-D),
Type: none Depth (inches): marks: Hydric hydrology (DROLOGY (DROLOGY (The second secon	n/a soil criterion is met; how ogic regime. ndicators: nimum of one is required; cf (A2) (A2) (A2) (B4) (A2) (A2) (B4) (A2) (B4) (A2) (A2) (B4) (A2) (A2) (A2) (A2) (A2) (A2) (A2) (A2	No X No X No X No X No X No X No X No X	n plant communi ply) Water-Stained Lec Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Gauge or Well Da Other (Explain in F Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Copto (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches): Copto (inches): Depth (inches): D	ty and lack of aves (B9) 13) ts (B14) Odor (C1) heres on Livin ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks) 23 20 ispections), if a Figure 3), Aer SA Crop Slid	f hydrology, f g Roots (C3) Soils (C6) Soils (C6)	Hydr this appea	ic Soil Present?  rs to be a relict hyd  Seconda  Seconda  Wetlan  05, 2010, and 2013	Yes X No tric soil from a former  ary 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)

D					
Project/Site: Loom	IS Road Parcels				City/County: Milwaukee Sampling Date: October 30, 2014
Applicant/Owner:	Bear Developm	ient, LLC			State: WI Sampling Point: 1-13 DP-27 UPL
Investigator(s):	Tina M. Myers,	PWS & Nancy Wilson			Section, Township, Range: Section 30, T5N R21E
Landform (hillslope, to	errace, etc.):	slight hillslope			Local relief (concave, convex, none): slightly convex
Slope (%): 1-2%		Lat: See Figure 2		Long: See	ee Figure 2 Datum: See Figure 2
Soil Map Unit Name:		Elliott silt loam, 1-	-3% slopes (EsA	), Hydric Inclusio	ions WWI Classification: none
Are climatic / hydrolog	gic conditions on	the site typical for this time	of year?		Yes X No (if no, explain in Remarks)
Are Vegetation	Y Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances" present? Yes No X
Are Vegetation	N Soil	**Y or Hydrology	<u>N</u> naturall	y problematic?	(if needed, explain any answers in Remarks)
	FINDINGS	Attach site man sh	owing samp	ling point loc:	cations transects important features etc
			owing samp		
Hydrophytic Vegetatio	on Present?	Yes	No	<u> </u>	is the Sampled Area
Hydric Soil Present?	_	Yes ^^X	No		within a wetland? Yes No X
Wetland Hydrology P	resent?	Yes	No	<u> </u>	If yes, optional wetland site ID: N/A
Remarks:	*Active corn fie	eld - corn is healthy, no c	rop stress		
	**Relict hydric	soils underneath 4 inche	s of sediment.		
VEGETATION -	Use scientific	names for plants.			Sampling Point: T-13 DP-27 UPL
		Absolute %	Dominant	Indicator	Dominance Test Worksheet:
Tree Stratum (Plot siz	ze: 30'R	) Cover	Species	Status	Number of Dominant Species
1. <u>n/a</u> 2.					That Are OBL, FACW, or FAC:(A)
3.					Total Number of Dominant
4.					Species Across All Strata: 1 (B)
5					
6					Percent of Dominant Species
··			Total Cover		
					Prevalence Index Worksheet:
					Total % Cover of: Multiply by:
					OBL species x 1 =
Sapling/Shrub Stratur	m (Plot size:	15'R)			FACW species x 2 =
1. <u>n/a</u>			·		FAC species X 3 =
2					
3					Column Totals: (A) (B)
5.					
6.					Prevalence Index B/A = n/a
7.					
		=	= Total Cover		Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Vegetation
					$\frac{1}{2}$
Herb Stratum (Plot si	70' <b>5'R</b>	)			Morphological Adaptations <sup>1</sup> (Provide supporting
1 Zea mays	20. <b>J</b> R	/	Y	LIPI	data in Remarks or on separate sheet)
2. Daucus carota		5%	<u> </u>	UPL	Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3.					
4.					
5.					<sup>1</sup> Indicators of hydric soil and wetland hydrology must
6.					be present, unless disturbed or problematic.
7					
8					
9					
10					
12					
13.					
14.					
		80% =	Total Cover		
Woody Vine Stratum	(Plot size: 30'R	)			
1. <u>n/a</u>					
2					Hudronhutia
3 4					nyarophytic Vegetation
·			= Total Cover		Present? Yes No X
Remarks: (Include ph	noto numbers here	e or on a separate sheet.)			
Hydrophytic vegeta	tion criterion is r	not met. No crop stress o	observed.		

## Sampling Point: T-13 DP-27 UPL

Jepin	Matrix			Redox Feat	ures				
inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture		Remarks
0-4	10YR 3/1	100%		_			si cl loam		
4-15	10YR 2/1	100%		_			si cl loam		
15-24	10YR 5/1	60%	10YR 5/6	40%	С	м	silty clay		
				_					
				-					
	ion D-Depletion RM-Red	uced Matrix CS	-Covered or Coa	ated Sand Grain	ne	2	Location: PL-Pore Li	ining M-Matrix	
Listenel (A1)									
Histosof (A1) Histosof (A1) Black Histic (A3) Hydrogen Sulfide Stratified Layers 2 cm Much (A10 Y Depleted Below Thick Dark Surfa Sandy Mucky Mi	A2) e (A4) (A5) ) Dark Surface (A11) ce (A12) neral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mi Loamy Gleyed M Depleted Matrix ( Redox Dark Surf Depleted Dark Surf Redox Depressio	atrix (S4) 5) S6) Ineral (F1) Iatrix (F2) (F3) face (F6) urface (F7) ons (F8)			Coast F Dark Su 5 cm m Iron-Ma Very Sh Other (E	Prairie Redox (A1 urface (S7) <b>(LRR</b> ucky peat or pea inganese Masse hallow Dark Surfa Explain in Reman ydrophytic evege	16) (LRR,K,L,R) ,K,L) tt (S3)(LRR,K,L) s (F12) (LRR,K,L,R) ace (TF12) rks)
Histosof (A1) Histosof (A1) Black Histic (A3) Hydrogen Sulfide Stratified Layers 2 cm Much (A10 *X Depleted Below Thick Dark Surfa Sandy Mucky Mi	A2) (A4) (A5) Dark Surface (A11) ce (A12) neral (S1)		Sandy Gleyed M Sandy Redox (S5 Stripped Matrix ( Loamy Mucky Mi Joepleted Matrix ( Redox Dark Surf Depleted Dark Surf Redox Depressio	atrix (S4) 55 S6) latrix (F2) (F3) face (F6) urface (F7) ons (F8)			Coast F Dark Su 5 cm m Iron-Ma Very Sh Other (f <sup>3</sup> Indicators of hy hydrology must problematic.	Prairie Redox (A1 urface (S7) (LRR ucky peat or pea inganese Masse hallow Dark Surfa Explain in Reman ydrophytic evege be present, unle	I6) (LRR,K,L,R) ,K,L) tt (S3)(LRR,K,L) s (F12) (LRR,K,L,R) ace (TF12) rks) tation and wetland ss disturbed or
Histosof (A1) Histosof (A1) Black Histic (A3) Hydrogen Sulfide Stratified Layers 2 cm Much (A10 *X Depleted Below Thick Dark Surfa Sandy Mucky Mi	A2) (A4) (A5) Dark Surface (A11) ce (A12) neral (S1) observed):		Sandy Gleyed Mi Sandy Redox (Sg Stripped Matrix ( Loamy Mucky Mi Depleted Matrix ( Redox Dark Surf Depleted Dark Surf Redox Depressio	atrix (S4) 55 S6) latrix (F2) (F3) face (F6) urface (F7) ons (F8)			Coast F Dark Su 5 cm m Iron-Ma Very Sh Other (f <sup>3</sup> Indicators of hy hydrology must problematic.	Prairie Redox (A1 urface (S7) (LRR ucky peat or pea inganese Masse hallow Dark Surfa Explain in Reman ydrophytic evege be present, unle	I6) (LRR,K,L,R) ,K,L) tt (S3)(LRR,K,L) s (F12) (LRR,K,L,R) ace (TF12) rks) tation and wetland ss disturbed or
Histosof (A1) Histosof (A1) Histosof (A1) Hydrogen Sulfide Stratified Layers 2 cm Much (A10 X Depleted Below Thick Dark Surfa Sandy Mucky Mi Eestrictive Layer (iff Type: <u>none</u> Depth (inchoc):	A2) (A4) (A5) Dark Surface (A11) ce (A12) neral (S1) observed):		Sandy Gleyed M Sandy Redox (S5 Stripped Matrix ( Loamy Mucky Mi Joepleted Matrix ( Redox Dark Surf Depleted Dark Surf Redox Depressio	atrix (S4) 55 S6) latrix (F2) (F3) face (F6) urface (F7) ons (F8)		Hurt	Coast F Dark Su 5 cm m Iron-Ma Very Sh Other (E <sup>3</sup> Indicators of hy hydrology must problematic.	Prairie Redox (A1 urface (S7) (LRR ucky peat or pea inganese Masse hallow Dark Surfa Explain in Reman ydrophytic evege be present, unle	I6) (LRR,K,L,R) ,K,L) tt (S3)(LRR,K,L) s (F12) (LRR,K,L,R) ace (TF12) rks) etation and wetland ss disturbed or

## HYDROLOGY

Wetland Hydrology Indicate Primary Indicators (minimum	ors: of one is required;	check all	that apply)			Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
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 Ae Sparsely Vegetated Cor	erial Imagery (B7) ncave Surface (B8)		Water-SI Aquatic I True Aqu Hydroge Oxidizec Presenc Recent I Thin Mu Gauge c Other (E	Itained Leaves (B9) Fauna (B13) Juatic Plants (B14) en Sulfide Odor (C1) d Rhizospheres on Living Roots ze of Reduced Iron (C4) Iron Reduction in Tilled Soils (C Jick Surface (C7) or Well Data (D9) Explain in Remarks)	s (C3) S6)	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? Water Table Present? Saturation Present? (includes capillary fringe)	Yes Yes Yes	No No No	X Depth X Depth X Depth	ı (inches): ı (inches): ı (inches):		Wetland Hydrology Present? Yes No _ X
Describe Recorded Data (str USGS topo map (Figure 1) WWI map (Figure 5), NOA/ Remarks: Wetland hydr	eam gauge, monitor , 1-foot contour m A's AHPS map (Fig nology criterion is	ring well, ap (Figur jure 6), L not met.	aerial photos, p re 2), NRCS So Local WETS tat	previous inspections), if availabl vils Map (Figure 3), Aerial Map ble, and FSA Crop Slide: of consistent wetness on FS/	le: os from 2000, 2005, 2 A crop slides or aeria	2010, and 2013 (Figures 4A-D), als.

					Franklin /			
Project/Site: Loom	nis Road Parcels				City/County: Milwaukee	Sampling D	ate: October 30, 2	2014
Applicant/Owner:	Bear Developn	ient, LLC			State:	wi	Sampling Point:	T-13 DP-28 WTD
Investigator(s):	Tina M. Myers,	PWS & Nancy Wilson			Section, Township, Range:	Section 30	), T5N R21E	
Landform (hillslope, t	terrace, etc.):	wetland depression			Local relief (concave, convex, none):	concave		
Slope (%): 0%		Lat: See Figure 2		Long: See	Figure 2	Dat	tum: See Figure 2	
Soil Map Unit Name:		Ashkum silty clay	loam 0-2% slo	opes (AsA), Hydric	WWI Cla	ssification:	E	2H
Are climatic / hydrolo	gic conditions on	the site typical for this time of	of year?		Yes <u>X</u> No	(if no, expla	ain in Remarks)	
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	intly disturbed?	Are "Normal Circumstances	s" present?	Yes	X No
Are Vegetation	<u>N</u> Soil	<b>N</b> or Hydrology	<u>N</u> naturally	/ problematic?	(if needed, explain any ans	wers in Remar	'KS)	
SUMMARY OF	FINDINGS	Attach site map sho	wing sampl	ing point loca	tions, transects, important f	eatures. et	c.	
					,,,,			
Hydrophytic Vegetati	ion Present?	Yes X	NO		Is the Sampled Area			
Hydric Soil Present?		Yes X	NO		within a vvetiand?		Yes X	NO
vvetiand Hydrology F	resent?	Yes X	NO		If yes, optional wetland site	- ID:	VV-7	
Remarks:	Wetland is a la	rge shallow marsh includi	ng areas of ope	en water.				
	Lico sciontific	names for plants					Compling Doint	T 42 DD 28 WTD
VEGETATION -			Deminent				Sampling Point.	1-13 DP-26 WID
Tree Stratum (Plot si	ze: 30'R	ADSOIUTE %	Species	Indicator	Dominance Test Wo	orksheet:		
			opooloo	Oldido	Number of Dominant	Species		
1. <u>n/a</u>					That Are OBL, FACW	√, or FAC:	1	(A)
2					T			
3					I otal Number of Dom	linant	1	(B)
5.						irata.	<u> </u>	(0)
6.					Percent of Dominant	Species		
7.					That Are OBL, FACW	√, or FAC:	100%	(A/B)
		=	Total Cover		Decostor en la dec W	(		
					Prevalence Index W	orksneet:	Multin	ly by:
					OBL species	0001 01.	x 1 =	iy by.
Sapling/Shrub Stratu	ım (Plot size:	15'R )			FACW species		x 2 =	
1. <u>n/a</u>					FAC species		x 3 =	
2					FACU species		x 4 =	
3					UPL species Column Totals:		X 5 =	(B)
5.					Column rotals.		(7)	(0)
6.					Prevalence Ind	ex B/A =	n/a	
7.								
		=	Total Cover		Hydrophytic Vegeta	tion Indicator	S:	
					X Rapid	ance Test is st	50%	
					Prevale	ance Index is ≤	3.0 <sup>1</sup>	
Herb Stratum (Plot si	ize: 5'R	)			Morpho	ological Adapta	ations <sup>1</sup> (Provide su	pporting
1. Phalaris arund	inacea	100%	Y	FACW	data	in Remarks or	on separate sheet	)
2. Typha angustii	folia	20%	N	OBL	Problem	matic Hydrophy	ytic Vegetation' (E:	xplain)
3 4								
5.					<sup>1</sup> Indicators of hydric	soil and wetlar	nd hydrology must	
6.					be present, unless c	listurbed or pro	oblematic.	
7								
8								
9 10								
11.								
12.								
13								
14		4200/	Total Cavar					
		120%						
Woody Vine Stratum	(Plot size: 30'R	)						
1 1/2								
1. <u>n/a</u> 2								
3.					Hydrophytic			
4.					Vegetation			
			= Total Cover		Present?	Yes	X No	
Remarks: (Include pl	hoto numbers here	e or on a separate sheet.)						

Hydrophytic vegetation criterion is met. Plant community is a fresh (wet) meadow transitioning to a shallow marsh.

oth	Matrix			Redox Featur	es				
ches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks	
0-24	10YR 2/1	100%					muck	some clay content as well	
	D Doplation DM Dodu	and Matrix CC	Covered or Cost	d Cond Croine		2	agention: DL Dara	Lining M. Motrix	
ype. C=Concentration,	D=Depletion, Rivi=Redu	iceu Matrix, CO-	Covered of Coale	su Sanu Grains	•			Lining, M–Maux	
								2	
ydric Soil Indicators:							Indicators for	Problematic Hydric Soils <sup>3</sup> :	
ydric Soil Indicators: K Histosol (A1)			Sandy Gleyed Mat	rix (S4)			Indicators for Coast	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R)	
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2)			Sandy Gleyed Mat Sandy Redox (S5)	rix (S4)			Indicators for Coast	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L)	
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4)	)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si oamy Mucky Min	rix (S4) 6) eral (E1)			Indicators for Coast Dark S 5 cm I	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) danganges Masses (F12) (LRR,K,L)	,
Histosol (A1) Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Lavers (A5)	)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (S Loamy Mucky Min Loamy Gleved Ma	rix (S4) 6) eral (F1) trix (F2)			Indicators for Coast Dark 5 5 cm I Iron-M Verv 5	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) Anganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12)	)
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10)	)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Loamy Mucky Min Loamy Gleyed Ma Depleted Matrix (F	rix (S4) 6) eral (F1) trix (F2) 3)			Indicators for Coast 5 cm l Iron-W Very S Other	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) Anganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks)	)
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark	) Surface (A11)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Joamy Mucky Min Joamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa	rix (S4) 6) eral (F1) trix (F2) 3) ce (F6)			Indicators for Coast 5 cm l Very S Other	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) fanganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks)	)
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark Thick Dark Surface (/	) Surface (A11) \12)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Joamy Mucky Min Joamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Surfa	trix (S4) 6) eral (F1) trix (F2) 3) ce (F6) face (F7)			Indicators for Coast 5 cm l Iron-W Very S Other	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) Aanganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks)	)
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark Thick Dark Surface (/ Sandy Mucky Minera	) Surface (A11) A12) I (S1)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Joamy Mucky Min Joamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Surfa Redox Depression	rrix (S4) 6) eral (F1) trix (F2) 3) ce (F6) face (F7) s (F8)			Indicators for Coast 5 cm l Iron-M Very S Other	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) Aanganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks)	)
ydric Soil Indicators: X Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark Thick Dark Surface (/ Sandy Mucky Minera	) Surface (A11) A12) I (S1)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Joamy Mucky Min Joamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Surfa Redox Depression	rrix (S4) 6) eral (F1) trix (F2) 3) ce (F6) face (F7) s (F8)			Indicators for Coast 5 cm l Iron-W Very S Other	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) langanese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks)	.)
ydric Soil Indicators: X Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark Thick Dark Surface (/ Sandy Mucky Minera	) Surface (A11) A12) I (S1)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Joamy Mucky Min Joamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Sur Redox Depression	rix (S4) 6) eral (F1) trix (F2) 3) cc (F6) face (F7) s (F8)			Indicators for Coast 5 cm 1 Iron-W Very \$ Other <sup>3</sup> Indicators of	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) fanganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks)	)
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4 Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark Thick Dark Surface (/ Sandy Mucky Minera	) Surface (A11) 112) I (S1)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (Si Joamy Mucky Min Joamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Sur Redox Depression	rix (S4) 6) eral (F1) trix (F2) 3) ce (F6) face (F7) s (F8)			Indicators for Coast Dark 3 5 cm 1 Iron-N Very 5 Other <sup>3</sup> Indicators of hydrology mus problogmento	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) fanganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks) hydrophytic evegetation and wetland t be present, unless disturbed or	)
ydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) 2 cm Much (A10) Depleted Below Dark Thick Dark Surface (/ Sandy Mucky Minera	) Surface (A11) 1(2) I (S1)		Sandy Gleyed Mat Sandy Redox (S5) Stripped Matrix (S Loamy Mucky Min Loamy Gleyed Ma Depleted Matrix (F Redox Dark Surfa Depleted Dark Surfa Depleted Dark Surfa	rix (S4) 6) eral (F1) trix (F2) 3) ce (F6) face (F7) s (F8)			Indicators for Coast Dark 3 5 cm 1 Iron-W Very 5 Other <sup>3</sup> Indicators of hydrology mus problematic.	Problematic Hydric Soils <sup>3</sup> : Prairie Redox (A16) (LRR,K,L,R) Surface (S7) (LRR,K,L) mucky peat or peat (S3) (LRR,K,L) fanganese Masses (F12) (LRR,K,L,R Shallow Dark Surface (TF12) (Explain in Remarks) hydrophytic evegetation and wetland t be present, unless disturbed or	)
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## HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
Surface Water (A1)       Water-Stained Leaves (B9)         High Water Table (A2)       Aquatic Fauna (B13)         X Saturation (A3)       True Aquatic Plants (B14)         Water Marks (B1)       Hydrogen Sulfide Odor (C1)         Sediment Deposits (B2)       Oxidized Rhizospheres on Living         Drift Deposits (B3)       Presence of Reduced Iron (C4)         Algal Mat or Crust (B4)       Recent Iron Reduction in Tilled So         Iron Deposits (B5)       Thin Muck Surface (C7)         Inundation Visible on Aerial Imagery (B7)       Gauge or Well Data (D9)         Sparsely Vegetated Concave Surface (B8)       Other (Explain in Remarks)	*X       Drainage Patterns (B10)         Dry-Season Water Table (C2)         Crayfish Burrows (C8)         Saturation Visible on Aerial Imagery (C9)         Stunted or Stressed Plants (D1)         X       Geomorphic Position (D2)         poils (C6)       X
Field Observations:         Surface Water Present?       Yes       No       X       Depth (inches):         Water Table Present?       Yes       X       No       Depth (inches):       16         Saturation Present?       Yes       X       No       Depth (inches):       12	Wetland Hydrology Present? Yes X No
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if av USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aeria WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slides Remarks: Wetland hydrology criterion is met. Shallow marsh with a long hydroperiod.	ailable: I Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D),

Preversion Constructions and Persons (						Franklin /		
Application         Dec Development, LLC         Space         W         Compute parts         Child DP-20 UPL           Leader, Millitos, Marsa, KOJ, Millato, Marsa, KOJ, Mars	Project/Site: Loom	is Road Parcels				City/County: Milwaukee	Sampling Date: October 30	), 2014
Intelligibility         Tites M. Myres, PMS & Manor, Willing         Bootion, Township, Range,Bedited, 35, 078,1817           John Philospic Monor etc.         Link Ser Types 2         Deturn: Ser Types 2         Deturn: Ser Types 2           Stark in the function of this in the data for this man of year?         Link Ser Types 2         Deturn: Ser Types 2         Deturn: Ser Types 2           As drash in the data for this in the of year?         Link Ser Types 2         Will Construct	Applicant/Owner:	Bear Develop	nent, LLC			State: W	VI Sampling Poir	nt: T-14 DP-29 UPL
Landom Philoso, terzo, etc.) "  ight billoge intervent i	Investigator(s):	Tina M. Myers	, PWS & Nancy Wilson			Section, Township, Range:	Section 30, T5N R21E	
Step 4:0:       Let Ser Figure 2       Long Ser Figure 2       Definition Figure 2         Add Data Link Link Link Link Link Link Link Characterization Link Link Link Link Link Link Link Lin	Landform (hillslope, t	errace, etc.):	slight hillslope			Local relief (concave, convex, none):	slightly convex	
Gal Map In Name:         Modely all Lame 24% steps: (Mark) Montypet:         VMIC Classification         No         res           Sections: / Markowskie Chills und Version         Yes         No         Tells: steps: (Markowskie)         Yes         No         No <td>Slope (%): 2-3%</td> <td></td> <td>Lat: See Figure 2</td> <td></td> <td>Long: Se</td> <td>e Figure 2</td> <td>Datum: See Figure</td> <td>2</td>	Slope (%): 2-3%		Lat: See Figure 2		Long: Se	e Figure 2	Datum: See Figure	2
Are chroater (hyderbeige candine on the ste spical for the line of you?           Ver         X         No	Soil Map Unit Name:		Morley silt loam	2-6% slopes (	c WWI Clas	ssification:	none	
And Vogetation     Yes     No	Are climatic / hydrolo	gic conditions on	the site typical for this time	of year?		Yes X No	(if no, explain in Remarks)	
Are Vegetation       is of hydrogy       is natural problemator?       If headed splating any senset is Remarks         SUMMARY OF FINDINGS Attack site map showing sampling point locations, transactis, important features, etc.       It is is sampled Area         Hydroghydr Vegetation Present?       Yes       No       X         Hydroghydr Vegetation Present?       Yes       No       X         Remarks:       Yes       Optimistic Stress       Sampling Present Optimistic Stress       Sampling Present Optimistic Stress         Remarks:       Present Optimistic Stress       Sampling Present Optimistic Stress       Optimistic Stress       Optimistic Stress         Remarks:       Present Optimistic Stress       Sampling Present Optimistic Stress       Optimistic Stress <tr< td=""><td>Are Vegetation</td><td>Y Soil</td><td>N or Hydrology</td><td><u>N</u>signific</td><td>antly disturbed?</td><td>Are "Normal Circumstances"</td><td>s" present? Ye</td><td>es No X</td></tr<>	Are Vegetation	Y Soil	N or Hydrology	<u>N</u> signific	antly disturbed?	Are "Normal Circumstances"	s" present? Ye	es No X
SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, etc.	Are Vegetation	N Soil	N or Hydrology	<u>N</u> natural	ly problematic?	(if needed, explain any answ	wers in Remarks)	
Hydrophyle:         Vrm         No         X         Is PE Sample Axam         Ves         No         X           Hydro Soft Pream?         Yes         No         X         With a Withow Welland         Yes         No         X           Remarks:         *Active con field - con is healthy, no crop stress         Yes         No         X         If yes, optical welfand alle D.         Yes         No         X           VEGETATION - Use acientific names for plants.         Sampling Drive         Tetal Drive Conf.         Sampling Drive         Tetal Drive Conf.         O         (A)           1         Add         Concer         Sampling Drive         Tetal Ava CBL, FACW, or FAC.         O         (A)           2         Sampling Drive         Concer         Ordinant Species         Yes         No         X           3         Concer         Ordinant Species         Yes         No         X         If (D)         Prevalence Index Worksheet:         No         X         If (D)         Yes         O         (A)           3         Concer         Ordinant Species         X 4         If (A)         Yes         No         X         If (D)         Yes         No         X         If (D)         Yes         If (D)	SUMMARY OF	FINDINGS	Attach site man sh	owing samr	ling point loc	ations, transects, important fe	eatures, etc.	
Implementation       Yes       No       X       Is the Sample Area         Medical Subjects       Yes       No       X       If the Sample Area         Medical Subjects       Yes       No       X       If yes, notional welland       Yes       No       X         Remarks:       *Active com field - com is healthy, no crop stress       VEGETATION - Use scientific names for plants.       Sampling Point:       T_10P_2 UP         VEGETATION - Use scientific names for plants.       Sampling Point:       T_10P_2 UP       Optimizer       Sature       Dominance Test Morksheet:       Tube Coupling       0       (A)         1       Active com field - com is healthy, no crop stress       Sature       Dominance Test Morksheet:       0       (A)         2       Coupling       Sature       Sature       Sature       0       (A)         2       Coupling       Sature       Sature       1       (B)       Prevealer Coupling       0       (A)         3       Coupling       Find Couver       Find Couver       Prevealer Coupling       (A)       (B)         4       Coupling       Find Couver       Find Couver       Multiply tyr, Coupling       (C)       (C)       Multiply tyr, Coupling       (C)       (C)       (C) <td< td=""><td></td><td></td><td>inden one map on</td><td>o ning ounip</td><td>,</td><td></td><td></td><td></td></td<>			inden one map on	o ning ounip	,			
Protect         Yes         No         X         Yes         Yes <thyes< th=""> <thyes< th=""></thyes<></thyes<>	Hydrophytic Vegetati	on Present?	Yes	No	<u> </u>	Is the Sampled Area		
Weilder All productions       No       X       If yes, optional weiland site ID:       NA         Remarks:       * Active corn lifed - corn is healthy, no crop atress       Sampling Point:       T_14 DP-29 UPL         VEGETATION - Use scientific names for plants:       Sampling Point:       T_14 DP-29 UPL         Tree Stratum (Pot size: 30R       Attobules *       Dominance Test Worksheet:       On (A)         To all cover       Status       Indextor       Sampling Point:       T_14 DP-29 UPL         *	Hydric Soil Present?		Yes	No	<u> </u>	within a Wetland?	Yes	No X
Nervake:         *Active confide - coni is healthy, so crop stress           VECETATION - Use scientific names for plants.         Sampling Net:         T	Wetland Hydrology P	'resent?	Yes	No	<u> </u>	If yes, optional wetland site I	ID: <b>N/A</b>	
VEGETATION - Use scientific names for plants.        Vegetation (Pot use _ 307)     Ansatus %     Dominant     Indicator       1 nd     Cover     Sector     Sector     0     (A)       2 nd	Remarks:	*Active corn fi	eld - corn is healthy, no c	rop stress				
UEGETATION - Use scientific names for plants.         Sampling Point         Tuto Database           Two Stratum (Pot size: 30'R)         Aboving %         Derivant         Backets         Stratum           1: 00								
VECH INDY " Get Submitted frames of plants."       Samping Point:       Indicator         Thes Ethnium (Plut size::::::::::::::::::::::::::::::::::::	VECETATION	Lloo opiontific	nomes for plants					
The Bratum (Pot size: 397)       Account %       Dominant       Indiator         1       Account %       Section       Subtract       Number of End Worksheetic         1       Account %       Section       Subtract       Number of End Worksheetic         1       Account %       Section       Subtract       Number of End Worksheetic         1       Account %       Section       Section       Number of End Worksheetic         1       Account %       Section       Number of End Worksheetic         1       Account %       Section       Number of End Worksheetic         1       Account %       Section %       Account %       Number of End Worksheetic         1       Account %       Section %       Account %       Number of End Worksheetic         1       Account %       Section %       Account %       Account %       Number of End Worksheetic         1       Account %       Section %       Account % <td>VEGETATION -</td> <td>Use scienting</td> <td>riames for plants.</td> <td></td> <td></td> <td></td> <td>Sampling Point:</td> <td>1-14 DP-29 UPL</td>	VEGETATION -	Use scienting	riames for plants.				Sampling Point:	1-14 DP-29 UPL
I. do	Tree Stratum (Plot si	70. 30'B	Absolute %	Dominant	Indicator	Dominance Test Wor	rksheet:	
1. do	Thee Stratum (Flot Siz	28. <b>30</b> K		Species	Status	Number of Dominant S	Species	
2	1. <i>n/a</i>					That Are OBL, FACW,	, or FAC: 0	(A)
3	2.							
s	3					Total Number of Domi	inant	
0	4		·		·	Species Across All Str	rata: <u>1</u>	(B)
2	6.		·			Percent of Dominant S	Species	
SapingShub Stratum (Plot size: 15R)       1:00         1:00	7.					That Are OBL, FACW,	, or FAC: 0%	(A/B)
Saping/Shub Stratum (Plot size: 197)       1.00       Multiply by:         1.00				Total Cover	. <u></u> .			
SpringShub Stratum (Pict size: 15'R)         1.00						Prevalence Index Wo	orksheet:	
Saping/Shub Stratum (Plot size: 15R)       1 / da         1 / da						OPL appaign	over of: Mul	tiply by:
1       Ade	Sapling/Shrub Stratu	m (Plot size:	15'R )			FACW species	x ? =	
2	1. <i>n/a</i>					FAC species	x 3 =	
3.	2.					FACU species	x 4 =	
4	3					UPL species	x 5 =	
0	4		·		·	Column Totals:	(A)	(B)
7.	6.		·			Prevalence Inde	ex B/A = <b>n/a</b>	
Herb Stratum (Plot size: 5'R)       F         1. Zea mays       75%       Y       UPL         2	7.							
Herb Stratum (Plot size: 5'R )			=	Total Cover		Hydrophytic Vegetat	tion Indicators:	
Herb Stratum (Plot size: 5/R)       1       2       1       Prevalence flock is 5.3 0 <sup>1</sup> Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on sparate sheat)       9       1       1         1.       1       1       1       1       1       1         1.       1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Rapid T</td><td>est for Hydrophytic Vegetation</td><td>n</td></t<>						Rapid T	est for Hydrophytic Vegetation	n
Herb Stratum (Plot size: 5'R )       75% Y UPL         2.       75% Y UPL         3.       1. Zee mays         4.       1. Zee mays         5.       1. Zee mays         6.       1. Zee mays         7.       1. Zee mays         8.       1. Zee mays         9.       1. Zee mays         10.       1. Zee mays         10.       1. Zee mays         11.       1. Zee mays         12.       1. Zee mays         13.       1. Zee mays         14.       75% = Total Cover         Woody Vine Stratum (Plot size: 30'R )       1. In/a         1.						Dominal Prevale	Ince lest is $>50\%$	
1. Zea mays       75%       Y       UPL       data in Remarks or on separate sheet)         2.	Herb Stratum (Plot si	ze: 5'R	)			Morphol	plogical Adaptations <sup>1</sup> (Provide s	supporting
2.	1. Zea mays		75%	Y	UPL	data ir	n Remarks or on separate she	eet)
3.	2.					Problem	natic Hydrophytic Vegetation <sup>1</sup> (	(Explain)
4.	3							
0.	4		·			<sup>1</sup> Indicators of bydric s	soil and wetland bydrology mu	et
7.	6.		·			be present, unless di	isturbed or problematic.	51
8.	7.						•	
9.	8		. <u> </u>					
10.	9							
12.       13.	10		·					
13.   14.   75%   Total Cover     Woody Vine Stratum (Plot size: 30'R)   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   1.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   2.   3.   4.   3.   4.   3.   4.   3.   4.   4.   3.   4.   4.   3.   4.   4.   5.   5.	12.		·					
14.	13.							
Woody Vine Stratum (Plot size: 30'R)	14.							
Woody Vine Stratum (Plot size: 30'R )         1. n/a         2.         3.         4.         = Total Cover         Hydrophytic         Vegetation         Present?         Yes         No         X			75% =	Total Cover				
Woody Vine Stratum (Plot size: 30'R)								
Woody Vine Stratum (Plot size: 30'R)								
1. n/a	Woody Vine Stratum	(Plot size: 30'R	)					
1. n/a         2.         3.         4.         = Total Cover         Hydrophytic         Vegetation         Present?         Yes         No         X								
2.       3.       Hydrophytic         3.       = Total Cover       Hydrophytic         Vegetation       Present?       Yes         Remarks: (Include photo numbers here or on a separate sheet.)       Hydrophytic vegetation criterion is not met. No crop stress observed.	1. <u>n/a</u>							
4 = Total Cover Vegetation Present? Yes No _X Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.	3		·			Hudrophytic		
= Total Cover     Present?     Yes     No     X       Remarks: (Include photo numbers here or on a separate sheet.)       Hydrophytic vegetation criterion is not met. No crop stress observed.	4.		·			Vegetation		
Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.			·	= Total Cover		Present?	Yes N	lo X
Remarks: (Include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.								
rvemarks. (include photo numbers here or on a separate sheet.) Hydrophytic vegetation criterion is not met. No crop stress observed.	Demostra (hashada)	oto numb !						
· · · · · · · · · · · · · · · · · · ·	Hydrophytic vegeta	tion criterion is	e or on a separate sneet.) not met. No cron stress o	bserved.				

US Army Corps of Engineers
#### Sampling Point: T-14 DP-29 UPL

Jopth Matrix		Podox Fosturos				
inches) Color (moist)	% Color (moist)	%	Type <sup>1</sup>	L oc <sup>2</sup>	Texture	Remarks
0-15 10YR 3/2	100%			200	silt loam	compacted from farm equipment
15-24 10YR 5/2	60% 10YR 5/6	40%	с	М	si cl loam	··· ····
Type: C=Concentration, D=Depletion, RM=Redu	ced Matrix, CS=Covered or Coa	ated Sand Grains.		2	Location: PL=Pore	Lining, M=Matrix Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)	Sandy Gleyed M	atrix (S4)			Coast	Prairie Redox (A16) (LRR,K,L,R)
Histic Epipedon (A2)	Sandy Redox (S	5)			Dark S	Surface (S7) (LRR,K,L)
Black Histic (A3)	Stripped Matrix (	S6)			5 cm r	mucky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfide (A4)	Loamy Mucky Mi	ineral (F1)			Iron-M	langanese Masses (F12) (LRR,K,L,R)
Stratified Layers (A5)	Loamy Gleyed M	atrix (F2)			Very S	Shallow Dark Surface (TF12)
Depleted Below Dark Surface (A11)	Bedox Dark Sur	face (E6)				
Thick Dark Surface (A12)	Depleted Dark S	urface (F7)				
Sandy Mucky Mineral (S1)	Redox Depression	ons (F8)				
					<sup>3</sup> Indicators of h hydrology mus problematic.	nydrophytic evegetation and wetland t be present, unless disturbed or
Restrictive Layer (if observed): Type: none						
Depth (inches): <b>n/a</b>				Hydi	ric Soil Present?	Yes <u>No X</u>
Remarks: Does not meet hydric soil criterio	on.					
HYDROLOGY						

Wetland Hydrology Indicat Primary Indicators (minimum	ors: of one is require	d; check all	that apply)		Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)	
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 Ar Sparsely Vegetated Coo	) erial Imagery (B7) ncave Surface (B	) 8)	Water-Stained Leaves (E Aquatic Fauna (B13) True Aquatic Plants (B14 Hydrogen Sulfide Odor ( Oxidized Rhizospheres of Presence of Reduced Irr Recent Iron Reduction ir Thin Muck Surface (C7) Gauge or Well Data (D9) Other (Explain in Remar	B9) (C1) on Living Roots (C3) on (C4) n Tilled Soils (C6) ) ks)	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? Water Table Present? Saturation Present? (includes capillary fringe) Describe Recorded Data (str USGS topo map (Figure 1) WWI map (Figure 5), NOA	Yes Yes ream gauge, mon ), 1-foot contour A's AHPS map (I	No No No iitoring well, i <b>map (Figur</b> Figure 6), L	X       Depth (inches):         X       Depth (inches):         X       Depth (inches):         aerial photos, previous inspectie         e 2), NRCS Soils Map (Figure ocal WETS table, and FSA Cr	ons), if available: 3), Aerial Maps from 2000, 20 rop Slide:	Wetland Hydrology Present? Yes No 05, 2010, and 2013 (Figures 4A-D),	x
Remarks: Wetland hyd	rology criterion	is not met.	No indication of consistent w	vetness on FSA crop slides or	aerials.	

#### WETLAND DETERMINATION DATA FORM - Midwest Region

					Fr	anklin /			
Project/Site: Loom	his Road Parcels				City/County: Mi	lwaukee	Sampling D	Date: October 30,	2014
Applicant/Owner:	Bear Developm	ient, LLC			State	»: <u>v</u>	VI	Sampling Point:	: T-14 DP-30 WTD
Investigator(s):	Tina M. Myers,	PWS & Nancy Wilson			Section, T	ownship, Range:	Section 3	0, T5N R21E	
Landform (hillslope, t	terrace, etc.):	wetland depression			Local relief (concav	e, convex, none):	concave		
Slope (%): 0%		Lat: See Figure 2		Long: See	Figure 2		Dat	tum: See Figure 2	2
Soil Map Unit Name:		Morley silt loam	2-6% slopes (N	/IzdB), Non-hydric		WWI Clas	sification:	ne	one
Are climatic / hydrolo	gic conditions on t	the site typical for this time	of year?		Yes X N	o	(if no, expl	ain in Remarks)	
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "No	mal Circumstances	" present?	Yes	<b>X</b> No
Are Vegetation	<u>N</u> Soil	N or Hydrology	<u>N</u> naturall	y problematic?	(if neede	d, explain any answ	vers in Remar	rks)	
SUMMARY OF	FINDINGS	Attach site man sho	owing samp	ling point loca	tions, transect	s, important fe	eatures, ef	tc.	
		Attuon site map site	sung samp				<i>,</i> utur 00, 01		
Hydrophytic Vegetati	ion Present?	Yes X	No		Is the Sa	ampled Area			
Hydric Soil Present?		Yes X	No		within a	Wetland?		Yes X	No
Wetland Hydrology F	Present?	Yes X	- No		lf yes, o	ptional wetland site I	ID:	W-10	
Remarks:	Wetland is a la	rge shallow marsh includi	ing areas of op	en water.					
<b>VEGETATION</b> -	Use scientific	names for plants.						Sampling Point:	T-14 DP-30 WTD
		Absolute %	Dominant	Indicator	Do	ominance Test Wor	rksheet:		
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	N	unhar of Dominant (	Chaolog		
1 n/a							or FAC.	4	(Δ)
2.						at Ale OBE, I AOW,	, 011 AO.		(7)
3.					То	tal Number of Domi	inant		
4.					Sp	ecies Across All Str	rata:	4	(B)
5					_		<b>.</b> .		
6					Pe	rcent of Dominant S	Species	4000/	(A/D)
/			Total Cover		10	at Are OBL, FACW,	, OFFAC.	100%	(A/B)
					Pr	evalence Index Wo	orksheet:		
						Total % Co	over of:	Multip	oly by:
					OE	3L species		x 1 =	
Sapling/Shrub Stratu	ım (Plot size:	15'R)			FA	CW species		x 2 =	
1. Cornus alba		20%	<u> </u>	FACW	FA	AC species		x 3 =	
2. Cornus racemo	osa	20%	<u> </u>	FAC	F#	NU Species		X4 =	
4.					Co	plumn Totals:	-	(A)	(B)
5.									
6.		_				Prevalence Inde	x B/A =	n/a	
7			Tatal Cause				in a la din et a		
		40% =	Total Cover		ну	/dropnytic vegetati	for Indicator	'S:	
					×	Domina	ince Test is >	50%	
						Prevale	nce Index is ≤	≤ 3.0 <sup>1</sup>	
Herb Stratum (Plot si	ize: 5'R	)				Morphol	logical Adapta	ations <sup>1</sup> (Provide su	ipporting
1. Carex stricta		50%	<u>Y</u>	OBL		data ir	n Remarks or	on separate sheet	t)
2. Phalaris arund	inacea	20%	<u> </u>	FACW		Problem	hatic Hydroph	ytic Vegetation' (E	xplain)
3. Cornus alba		3 /6	<u> </u>	FACW					
5.					1	ndicators of hydric s	soil and wetlar	nd hydrology must	
6.					b	e present, unless di	isturbed or pro	oblematic.	
7									
8									
9									
11.									
12.									
13.									
14									
			Total Cover						
Woody Vine Stratum	(Plot size: 30'R	)							
				<u> </u>	l				
1. <u>n/a</u>					l				
2						uluenhy -+! -			
3					Hy	ruropnytic			
- <del>.</del>			= Total Cover		Pr	esent?	Yes	X No	
Remarks: (Include of	noto numbers here	or on a senarate sheet )							

Hydrophytic vegetation criterion is met. Plant community is a small sedge meadow/ fresh(wet) meadow that is located in a small depression at the far southwest corner of the field.

#### Sampling Point: T-14 DP-30 WTD

Depth	Matrix		Redox Feat	ures						
inches) Color	(moist) %	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks			
0-8 10Y	R 2/1 100%	-				silt loam				
8-24 10Y	R 2/1 85%	10YR 5/1	10%	D	M	si cl loam				
		10YR 5/6	5%	<u>с</u>	м					
		10111 0/0	0/0	· <u> </u>						
			·							
			·							
Type: C-Concentration D-Deplet	tion PM-Reduced Matrix CS	-Covered or Cost	ed Sand Grai		2	Location: PL - Pore Lir	ning M-Matrix			
Type: 0=00ncentration, D=Depier				13.			2			
lydric Soil Indicators:						Indicators for Pr	roblematic Hydric Soilsီ:			
Histosol (A1)		Sandy Gleyed Ma	atrix (S4)			Coast Pr	airie Redox (A16) <b>(LRR,K,L,R)</b>			
Histic Epipedon (A2)		Sandy Redox (S5	)			Dark Sur	face (S7) <b>(LRR,K,L)</b>			
Black Histic (A3)		Stripped Matrix (S	S6)			5 cm mu	cky peat or peat (S3)(LRR,K,L)			
Hydrogen Sulfide (A4)		Loamy Mucky Mir	neral (F1)		Iron-Manganese Masses (F12) (LRR,K,L,R)					
Stratified Layers (A5)		Loamy Gleyed Ma	atrix (F2)			Very Sha	allow Dark Surface (TF12)			
2 cm Much (A10)	(411)	Depleted Matrix (I	F3)			Other (E	xplain in Remarks)			
Thick Dark Surface (A12)	(ATT) <u>^</u>	Redux Dark Suna	ace (F6)							
Sandy Mucky Mineral (S1)		Redox Depression								
			10 (1 0)							
						<sup>3</sup> Indicators of hyd	drophytic everetation and wetland			
						hydrology must b	e present, unless disturbed or			
						problematic.				
estrictive Layer (if observed):										
Type: none										
Depth (inches): n/a					Hyd	ric Soil Present?	Yes X No			
· · · · · ·										
Remarks: Hydric soil criterio	n is met.									
Vetland Hydrology Indicators:						Seconda	ary Indicators (minimum of two required)			
rimary Indicators (minimum of one	e is required; check all that ap	oly)		Surface Soil Cracks (B6)						
Surface Water (A1)	<u>X</u>	Water-Stained Le	aves (B9)				Drainage Patterns (B10)			
Y High Water Table (A2)		Aquatic Fauna (B	13)				Drv-Season Water Table (C2)			

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

No X

No

No

USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Depth (inches): surface

True Aquatic Plants (B14)

Thin Muck Surface (C7)

Gauge or Well Data (D9) Other (Explain in Remarks)

Depth (inches):

Depth (inches):

Hydrogen Sulfide Odor (C1)

Presence of Reduced Iron (C4)

Oxidized Rhizospheres on Living Roots (C3)

12

Recent Iron Reduction in Tilled Soils (C6)

Remarks: Wetland hydrology criterion is met.

Inundation Visible on Aerial Imagery (B7)

Sparsely Vegetated Concave Surface (B8)

Yes

Yes

Yes

Х

Х

X Saturation (A3)

Water Marks (B1)

Drift Deposits (B3)

Iron Deposits (B5)

Field Observations: Surface Water Present?

Water Table Present?

(includes capillary fringe

Saturation Present?

Sediment Deposits (B2)

Algal Mat or Crust (B4)

Note: Too small to be detected on FSA crop slides or aerials maps and ocated near a treeline which also makes detection difficult.

No

Crayfish Burrows (C8)

FAC-Neutral Test (D5)

Х

х

Saturation Visible on Aerial Imagery (C9)

Stunted or Stressed Plants (D1)

Geomorphic Position (D2)

Wetland Hydrology Present? Yes X

#### WETLAND DETERMINATION DATA FORM - Midwest Region

					Franklin /
Project/Site: Loom	his Road Parcels				City/County: Milwaukee Sampling Date: October 30, 2014
Applicant/Owner.	Heather Patti				Socian Township Pange: Section 30 T5N R21F
Landform (hillslope, t	terrace, etc.):	sliaht hillslope			Local relief (concave. convex. none): slightly convex
Slope (%): 10-15	i%	Lat: See Figure 2		Long: See	e Figure 2 Datum: See Figure 2
Soil Map Unit Name:		Morley silt loam	2-6% slopes (M	MzdB), Non-hydric	WWI Classification: none
Are climatic / hydrolo	ogic conditions on	the site typical for this time	of year?		Yes X No (if no, explain in Remarks)
Are Vegetation	*Y Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances" present? Yes No X
Are Vegetation	N Soil	N or Hydrology	<u>N</u> naturali	y problematic?	(if needed, explain any answers in Remarks)
SUMMARY OF	FINDINGS	- Attach site map sho	owing samp	ling point loca	ations, transects, important features, etc.
Hydrophytic Vegetati	ion Present?	Yes	No	Х	Is the Sampled Area
Hydric Soil Present?		Yes	No	x	within a Wetland? Yes No X
Wetland Hydrology F	resent?	Yes	No	<u>X</u>	If yes, optional wetland site ID: N/A
Remarks:	This is an old	field community along a d	rainage ditch.	None of the 3 wet	land criteria are present.
VEGETATION -	Use scientific	names for plants.			Sampling Point: T-15 DP-31 UPL
<b>1</b>	000000000000000000000000000000000000000	Absolute %	Dominant	Indicator	Dominanaa Tast Warkshaat
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	
1. <b>Populus tremu</b>	loides	10%	Y	FAC	Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
3.					Total Number of Dominant
4.					Species Across All Strata:(B)
5 6.					Percent of Dominant Species
7			Total Cover		That Are OBL, FACW, or FAC:(A/B)
					Prevalence Index Worksheet:
					Total % Cover of: Multiply by:
Sapling/Shrub Stratu	ım (Plot size:	15'R )			OBL species $0$ $x_1 = 0$ FACW species $0$ $x_2 = 0$
1. <u>n/a</u>					FAC species 53 x 3 = 159
2					FACU species <u>45</u> x 4 = <u>180</u>
3					$\begin{array}{c c c c c c c c c c c c c c c c c c c $
5.					
6.					Prevalence Index B/A = <b>3.8</b>
7			Total Cover	<u> </u>	Hydronhytic Veretation Indicators:
		<u> </u>			Rapid Test for Hydrophytic Vegetation
					Dominance Test is >50%
					Prevalence Index is $\leq 3.0^{1}$
Herb Stratum (Plot si	ize: 5'R	)	v	540	Morphological Adaptations' (Provide supporting
2 Solidado canad	densis	<u> </u>	<u> </u>	FAC	data in Remarks or on separate sneet) Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3. Daucus carota		30%	Y	UPL	
4. Taraxacum offi	icinale	5%	Ν	FACU	
5. Geum canadem	ise	3%	N	FAC	<sup>1</sup> Indicators of hydric soil and wetland hydrology must
6 7					be present, unless disturbed or problematic.
8.					
9.					
10					
11.					
12					
14.		<u> </u>			
		128% =	Total Cover		
Woody Vino Stratum	(Plot cizo: 20'P	,			
woody vine Stratum	(FIOL SIZE. JUK	<u>_</u>			
1. <u>n/a</u>					
2					Hydrophytic
4.				·	Vegetation
		- <u> </u>	= Total Cover		Present? Yes No X
Remarks: (Include pr	hoto numbers her	re or on a separate sheet.)			
Hydrophytic vegeta	ation criterion is	not met.			

US Army Corps of Engineers

#### Sampling Point: T-15 DP-31 UPL

(110165)	Color (moint)	0/	Color (moint)	0/	Tuno <sup>1</sup>	$1 cc^2$	Toxture	Pemerka
0.44		70	Color (moist)	70	Type	LUC		Remarks
0-14	10YR 3/2	100%	-				Slit loam	
14-24	10YR 5/2	60%	10YR 5/6	40%	С	M	si cl loam	
Type: C=Concentrati	ion, D=Depletion, RM=Redu	ced Matrix, CS=	Covered or Coa	ted Sand Grains	S.	2	Location: PL=Pore L	ning, M=Matrix
ludria Cail Indiantau							Indiantero for F	hablemetia Undria Caila <sup>3</sup> .
ayoric soil indicator	5.			1 (C 1)			mulcators for F	
HISTOSOI (A1)	(4.2)		bandy Gleyed Ma	atrix (54)			Coast F	rairie Kedox (A16) (LKK,K,L,R)
Black Histic (A2)	MZ)		Stripped Matrix (S5	2) S6)			Dark St	IIIdue (37) (LRR,R,L)
Hydrogen Sulfide	(44)	î	oamy Mucky Mir	neral (F1)			Jron-Ma	nganese Masses (F12) (LRR K L R)
Stratified Lavers	(A5)	i	oamy Gleved Ma	atrix (F2)			Verv Sh	allow Dark Surface (TF12)
2 cm Much (A10)	)		Depleted Matrix (	F3)			Other (I	Explain in Remarks)
Depleted Below	Dark Surface (A11)	F	Redox Dark Surf	ace (F6)				. ,
Thick Dark Surfa	ce (A12)		Depleted Dark Su	urface (F7)				
Sandy Mucky Mir	neral (S1)	F	Redox Depression	ns (F8)				
							<sup>3</sup> Indicators of hy	drophytic evegetation and wetland
							hydrology must	be present, unless disturbed or
							nroblematic	
							problematic.	
Restrictive Layer (if	observed):							
Restrictive Layer (if Type: none	observed):							
Restrictive Layer (if Type: <u>none</u> Depth (inches):	observed): n/a					Hyd	ric Soil Present?	Yes No_X
Restrictive Layer (if Type: <u>none</u> Depth (inches):	observed): _n/a					Hyd	ric Soil Present?	Yes NoX
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b>	observed): _n/a not meet hydric soil criterio	Dn.				Hyd	ric Soil Present?	Yes NoX
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b>	observed): _n/a not meet hydric soil criterio	 on.				Hyd	ric Soil Present?	Yes No_X
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b>	observed): _n/a not meet hydric soil criterio	Dn.				Hyd	ric Soil Present?	Yes No <u>_X_</u>
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b>	observed): n/a not meet hydric soil criterio					Hyd	ric Soil Present?	Yes No_X
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b>	observed): _n/a not meet hydric soil criterie					Hyd	ric Soil Present?	Yes No_X
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b>	observed): _n/a not meet hydric soil criterio					Hyd	ric Soil Present?	Yes No <u>_X_</u>
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY	observed): _n/a not meet hydric soil criterio	 Dn.				Hyd	ric Soil Present?	Yes No <u>_X_</u>
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY Wetland Hvdrology I	observed): _n/a _not meet hydric soil criterio					Hyd	ric Soil Present?	Yes <u>No X</u>
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY Wetland Hydrology I Primary Indicators (m	not meet hydric soil criterio	on.	21/2)			Hyd	ric Soil Present?	Yes <u>No X</u> ary Indicators (minimum of two required) Surface Soil Cracks (B6)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Metland Hydrology I Primary Indicators (mi	observed): //a not meet hydric soil criterio Indicators: inimum of one is required; ch	on.	oly)	(50)		Hyd	ric Soil Present?	Yes <u>No X</u> ary Indicators (minimum of two required) Surface Soil Cracks (B6) Decisions Deficience (B10)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A	observed): <u>n/a</u> not meet hydric soil criterio Indicators: inimum of one is required; cf	on. Heck all that app	oly) Nater-Stained Le	eaves (B9)		Hyd	ric Soil Present?	Yes <u>No X</u> ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Drainage Patterns (B10)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table	n/a not meet hydric soil criterie Indicators: inimum of one is required; cf 1) e (A2)	on.	oly) Vater-Stained Le Aquatic Fauna (B	eaves (B9) 113)		Hyd	ric Soil Present?	Yes <u>No X</u> ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Cractific Bursnum (C0)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Metland Hydrology I Primary Indicators (mi Surface Water (A) High Water Table Saturation (A3)	observed): 	on.	oly) Vater-Stained Le Quatic Fauna (B True Aquatic Plar	eaves (B9) i13) tts (B14)		Hyd	ric Soil Present?	Yes No X ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Metland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1	observed): n/a not meet hydric soil criteria Indicators: inimum of one is required; cl (1) e (A2) ) it (B2)	on.	Ny) Vater-Stained Le Aquatic Fauna (B Irue Aquatic Plar Hydrogen Sulfide	eaves (B9) 113) 115 (B14) 1 Odor (C1)	Poots (C2)	Hyd	ric Soil Present?	Yes No _X
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposite (7)	observed): n/a not meet hydric soil criterio Indicators: inimum of one is required; cf (A1) e (A2) ) its (B2) a)	on.	oly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizzed Rhizzed	eaves (B9) 113) 113 (B14) 10 Odor (C1) 10 oberes on Living 10 oberes on C(2)	Roots (C3)	Hyd	ric Soil Present?	Yes No _ X ary 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) Saturation Visible on Aerial Imagery (C9) Stunted or Stressed Plants (D1) Commonitic Parsition (C2)
Restrictive Layer (if Type: none Depth (inches): Remarks: Does r HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1, Sediment Deposits Drift Deposits (B2, Alral Mater Const.	observed): <u>n/a</u> not meet hydric soil criterio Indicators: inimum of one is required; cf (1) e (A2) ) its (B2) 3) et (B4)	on.	bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Secont Iron Bedi	eaves (B9) 113) 113) 113 (B14) 10 Odor (C1) 10 odor (C1) 10 odor (C4) 10 odor (C4) 10 odor (C4)	Roots (C3)	Hyd	ric Soil Present?	Yes No X ary 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) EAC-Neutral Tast (D5)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does</b> r HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposi Drift Deposite (D <sup>2</sup> Algal Mat or Crus	not meet hydric soil criteria not meet hydric soil criteria Indicators: inimum of one is required; cf (1) (A1) (A2) (A2) (B2) (B4) (C) (C) (C) (C) (C) (C) (C) (C	bn.	Ny) Water-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Recent Iron Redu	eaves (B9) i13) i15 (B14) Odor (C1) wheres on Living uced Iron (C4) uction in Tilled S v= (C7)	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No X ary 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)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits Drift Deposits (B3 Algal Mat or Crus Iron Deposits (B5 Digndatico Vicibit	n/a not meet hydric soil criteria Indicators: inimum of one is required; cf (1) e (A2) ) its (B2) 3) st (B4) 5) e on Aerial Imagony (B7)	n.	oly) Water-Stained Le Aquatic Fauna (B True Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Chin Muck Surfac	eaves (B9) i13) nts (B14) Odor (C1) oheres on Living uced Iron (C4) uction in Tilled S ce (C7) ata (D0)	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No X ary 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)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits Drift Deposits (B3 Algal Mat or Crus Iron Deposits (B5 Inundation Visible Sparsely Vegetat	n/a not meet hydric soil criteria not meet hydric soil criteria not meet hydric soil criteria nimum of one is required; cf (1) e (A2) ) its (B2) 3) st (B4) 5) e on Aerial Imagery (B7) ted Concave Surface (B2)	eck all that app	oly) Vater-Stained Le Aquatic Fauna (B True Aquatic Plar dydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dither (Evnlain in	eaves (B9) i13) hts (B14) o dor (C1) oheres on Living uced Iron (C4) uction in Tilled S be (C7) ata (D9) Remarks)	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No X ary 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)
Restrictive Layer (if Type: none Depth (inches): Remarks: Does r HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits Drift Deposits (B3 Algal Mat or Crus Iron Deposits (B5 Inundation Visible Sparsely Vegetat	n/a not meet hydric soil criterie Indicators: inimum of one is required; cf (1) e (A2) ) its (B2) 3) st (B4) 5) e on Aerial Imagery (B7) ted Concave Surface (B8)	n.	oly) Vater-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Vidized Rhizosp Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in	eaves (B9) 113) 115 (B14) 10 Odor (C1) 10 Odor (C1) 1	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No X ary 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)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: <b>Does r</b> <b>HYDROLOGY</b> <b>Wetland Hydrology I</b> Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B5 Drift Deposits (B5 Light Deposits (B5 Inundation Visible Sparsely Vegetat	n/a not meet hydric soil criteria Indicators: inimum of one is required; ch (A1) e (A2) ) its (B2) 3) st (B4) 5) e on Aerial Imagery (B7) ted Concave Surface (B8)	n.	bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in	eaves (B9) 13) hts (B14) Odor (C1) oheres on Living ucced Iron (C4) uccton in Tilled S te (C7) ata (D9) Remarks)	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No _ X ary 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)
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Metland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits Drift Deposits (B2 Inon Deposits (B5 Inundation Visible Sparsely Vegetat	n/a not meet hydric soil criteria Indicators: inimum of one is required; cl (1) e (A2) ) its (B2) 3) st (B4) 5) e on Aerial Imagery (B7) ted Concave Surface (B8)	n.	bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in	eaves (B9) 113) hts (B14) Odor (C1) oheres on Living ucced Iron (C4) uccton in Tilled S te (C7) ata (D9) Remarks)	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No _X
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposit Drift Deposits (B3 Drift Deposits (B3 Inundation Visible Sparsely Vegetat Field Observations: Surface Water Presen	observed):         n/a         not meet hydric soil criterie         Indicators:         inimum of one is required; ch         \1)         e (A2)         )         its (B2)         3)         st (B4)         5)         e on Aerial Imagery (B7)         ted Concave Surface (B8)         nt?         Yes	n.	bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in Depth (inches):	eaves (B9) 113) 113) 113) 113) 113) 113) 113) 114 114) 115 114 114 114 114 114 114 114	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No _X
Restrictive Layer (if Type: <u>none</u> Depth (inches): Remarks: Does r HYDROLOGY Wetland Hydrology I Primary Indicators (mi Surface Water (A High Water Table Saturation (A3) Water Marks (B1 Sediment Deposits (B3 Algal Mat or Crus Iron Deposits (B5 Inundation Visible Sparsely Vegetat Field Observations: Surface Water Present?	observed):         n/a         not meet hydric soil criterio         Indicators:         inimum of one is required; cf         \1)         a (A2)         )         its (B2)         3)         st (B4)         5)         e on Aerial Imagery (B7)         ted Concave Surface (B8)         mt?       Yes         Yes	n.	bly) Water-Stained Le Aquatic Fauna (B Frue Aquatic Plar Hydrogen Sulfide Dxidized Rhizosp Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Dz Dther (Explain in Depth (inches): Depth (inches):	eaves (B9) 113) 113) 10 Odor (C1) 10 Odor (C1) 10 Odor (C1) 10 Odor (C4) 10 Odor (C	Roots (C3) oils (C6)	Hyd	ric Soil Present?	Yes No X ary 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)

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

USGS topo map (Figure 1), 1-foot contour map (Figure 2), NRCS Soils Map (Figure 3), Aerial Maps from 2000, 2005, 2010, and 2013 (Figures 4A-D), WWI map (Figure 5), NOAA's AHPS map (Figure 6), Local WETS table, and FSA Crop Slide:

Remarks: Wetland hydrology criterion is not met.

#### WETLAND DETERMINATION DATA FORM - Midwest Region

					Franklin /			
Project/Site: Loon	nis Road Parcels				City/County: Milwaukee	Sampling I	Date: October 30, 2	2014
Applicant/Owner:	Bear Developm	ient, LLC			State:	<u>NI</u>	Sampling Point:	T-15 DP-32 WTD
Investigator(s):	Heather Patti, I	PWS			Section, Township, Range:	Section 3	80, T5N R21E	
Landform (nillslope,	terrace, etc.):	drainage ditch			Cocal relief (concave, convex, none):	concave		
Slope (%): 0%		Lat: See Figure 2	0.00/	Long: See	Figure 2	Da	atum: See Figure 2	
Soli Map Unit Name		worley sit loam	2-6% slopes (IV	izaB), Non-nyaric	WWI Cla	ssification:		one
Are climatic / hydrolo	ogic conditions on t	the site typical for this time of	of year?		Yes X No	(if no, exp	iain in Remarks)	Y N
Are Vegetation	<u>N</u> Soil	N or Hydrology	N significa	antiy disturbed?	Are Normal Circumstances	3" present?	Yes	<u>X</u> NO
Are vegetation		<u> </u>	<u> </u>	y problematie:	(ii needed, explain any ans	wers in recine	11(3)	
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point locat	ions, transects, important f	eatures, e	tc.	
Hydrophytic Vegetat	tion Present?	Yes X	No		Is the Sampled Area			
Hvdric Soil Present?	)	Yes X	No		within a Wetland?		Yes X	No
Wetland Hydrology I	Present?	Yes X	No		If yes, optional wetland site	ID:	W-11	
Pomarke:	This is a roads	ide drainage ditch that reg	coivos wator fro	m the read omban	mont and also via a culvert along V	W. Loomis P	d Plazza	
Remarks.	refer to the site	photographs in Appendi	x 2.	in the load emban	Americ and also via a curvert along t	N. LOOIIIS K	u. Flease	
VEGETATION	- Use scientific	names for plants.					Sampling Point:	T-15 DP-32 WTD
		Absolute %	Dominant	Indicator	Deminence Test We			
Tree Stratum (Plot s	ize: 30'R	) Cover	Species	Status	Dominance Test wo	rksneet:		
1 n/a					Number of Dominant	Species	2	(A)
1. 11/a 2.					mat Ale OBL, FACM	, OF FAC.	3	(A)
3.					Total Number of Dom	ninant		
4.					Species Across All St	trata:	3	(B)
5					Demonstrat Deminant	0		
0 7					That Are OBL, FACW	or FAC:	100%	(A/B)
		==	Total Cover			,		
					Prevalence Index W	orksheet:		
					Total % C	over of:	Multip	bly by:
Sapling/Shrub Strati	ım (Plot size:	15'R )			FACW species		x 1 =	
1. Cornus alba		10%	Y	FACW	FAC species		x 3 =	
2.					FACU species		x 4 =	
3					UPL species		x 5 =	(D)
4 5.					Column rotais.		(A)	(D)
6.					Prevalence Ind	ex B/A =	n/a	
7.								
		10%=	Total Cover		Hydrophytic Vegeta	tion Indicato	rs:	
					X Domina	ance Test is a	50%	
					Prevale	ence Index is:	≤ 3.0 <sup>1</sup>	
Herb Stratum (Plot s	size: 5'R	)			Morpho	ological Adapt	tations <sup>1</sup> (Provide su	pporting
1. Typha x glauc	a 	50%	<u>Y</u>	OBL	data	in Remarks of	r on separate sheet	)
2. Phalaris arund	oratum	<u> </u>	<u> </u>	FACW	Problem	natic Hydropr	nytic vegetation (E	xpiain)
4. Impatiens cap	ensis	5%	N	FACW				
5.					<sup>1</sup> Indicators of hydric	soil and wetla	and hydrology must	
6					be present, unless o	listurbed or pr	roblematic.	
8.								
9.								
10.								
11								
12								
14.								
		90% =	Total Cover					
Woody Vine Stratum	n (Plot size: 30'R	)						
4								
1. <u>n/a</u> 2								
3.					Hydrophytic			
4.					Vegetation			
		0%	= Total Cover		Present?	Yes	X No	
Remarks: (Include p	hoto numbers here	e or on a separate sheet.)						

Hydrophytic vegetation criterion is met. Plant community is a cattail-dominated drainage ditch along W. Loomis Rd.

Depth	Matrix			Redox Feat	ires					
inches)	Color (moist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture		1	Remarks
0-3	10YR 3/1	100%	-				silt loam	some	small grav	el present from runoff
3-8	10YR 3/1	85%	10YR 5/6	15%	С	М	si cl loam			•
8-10*	10YR 5/3	80%	10YR 5/6	20%	с	М	clay	comp	acted	
								·		
				·						
				·						
			-		·					
Type: C=Concentration	n, D=Depletion, RM=Redu	uced Matrix, CS=	Covered or Coat	ted Sand Grair	s.	2	Location: PL=Pore	Lining, M=	Matrix	
ydric Soil Indicators	:						Indicators for	Problema	tic Hydric \$	Soils <sup>3</sup> :
ydric Soil Indicators Histosol (A1)	:	S	Sandy Gleyed Ma	atrix (S4)			Indicators for Coast	Problema Prairie Ree	tic Hydric dox (A16) (I	Soils <sup>3</sup> : ₋RR,K,L,R)
ydric Soil Indicators Histosol (A1) Histic Epipedon (A	2)		Sandy Gleyed Ma Sandy Redox (S5	atrix (S4) 5)			Indicators for Coast	Problema Prairie Ree Surface (S7	tic Hydric \$ dox (A16) (I ) (LRR,K,L	Soils <sup>3</sup> : .RR,K,L,R) )
ydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3)	2)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S	atrix (S4) 5) 56)			Indicators for Coast Dark S	Problema Prairie Ree Surface (S7 mucky peat	tic Hydric S dox (A16) (I ) (LRR,K,L or peat (S3	Soils <sup>3</sup> : _RR,K,L,R) }) (LRR,K,L)
ydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide (	: 2) A4)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir	atrix (S4) 5) S6) neral (F1)			Indicators for Coast Dark S 5 cm I Iron-M	Problema Prairie Ree Surface (S7 nucky peat langanese	tic Hydric S dox (A16) (I () (LRR,K,L or peat (S3 Masses (F1	Soils <sup>3</sup> : _RR,K,L,R) ) 3)(LRR,K,L) 2)(LRR,K,L,R)
ydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A	: 2) A4) (5)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma	atrix (S4) 5) 56) neral (F1) atrix (F2)			Indicators for Coast Dark 5 5 cm I Iron-N Very 5	Problema Prairie Ree Surface (S7 nucky peat langanese Shallow Da	tic Hydric S dox (A16) (I ) (LRR,K,L or peat (S3 Masses (F1 rk Surface (	Soils <sup>3</sup> : LRR,K,L,R) ) 3)(LRR,K,L) (LRR,K,L,R) TF12)
ydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10)	: 2) A4) (5)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Min Loamy Gleyed Ma Depleted Matrix (	atrix (S4) 56) neral (F1) atrix (F2) F3)			Indicators for Coast Dark 5 5 cm Iron-M Very 5 Other	Problema Prairie Red Surface (S7 nucky peat langanese Shallow Da (Explain in	tic Hydric S dox (A16) (I r) (LRR,K,L or peat (S3 Masses (F1 rk Surface ( Remarks)	Soils <sup>3</sup> : LRR,K,L,R) ) 3)(LRR,K,L) (LRR,K,L,R) TF12)
ydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Teick park Surface	: 2) A4) 5) ark Surface (A11)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix ( Redox Dark Surf	atrix (S4) 56) neral (F1) atrix (F2) F3) ace (F6)			Indicators for Coast Dark & 5 cm I Iron-M Very & Other	Problema Prairie Reg Surface (S7 nucky peat langanese Shallow Da (Explain in	tic Hydric S dox (A16) (I () (LRR,K,L or peat (SS Masses (F1 rk Surface ( Remarks)	Soils <sup>3</sup> : LRR,K,L,R) ) 3)(LRR,K,L) (LRR,K,L,R) TF12)
ydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandt Mucky Mick	: 2) A4) 55) ark Surface (A11) e (A12) arg (C1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Suf	atrix (S4) 56) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ps (F8)			Indicators for Coast Dark & 5 cm I Iron-M Very & Other	Problema Prairie Rec Surface (S7 nucky peat langanese Shallow Da (Explain in	tic Hydric S dox (A16) (I () (LRR,K,L or peat (S3 Masses (F1 rk Surface ( Remarks)	Soils <sup>3</sup> : LRR,K,L,R) ) 3)(LRR,K,L) (LRR,K,L,R) TF12)
Iddric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine	: A4) \5) ark Surface (A11) ∌ (A12) eral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mir Loamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	atrix (S4) 56) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark S 5 cm I Iron-M Very S Other	Problema Prairie Rec Surface (S7 nucky peat langanese Shallow Da (Explain in	tic Hydric 3 dox (A16) (I ) (LRR,K,L or peat (S3 Masses (F1 rk Surface ( Remarks)	Soils <sup>3</sup> : LRR,K,L,R) ) 3)(LRR,K,L) (LRR,K,L,R) TF12)
Iddric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine	: A4) \5) ark Surface (A11) ∌ (A12) eral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Joamy Mucky Mic Joamy Gleyed Mi Depleted Matrix ( Redox Dark Surf Depleted Dark Su Redox Depressio	atrix (S4) 56) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark & 5 cm   Iron-M Very & Other	Problema Prairie Rec Surface (S7 nucky peat langanese Shallow Da (Explain in	tic Hydric 3 dox (A16) (I ) (LRR,K,L or peat (S3 Masses (F1 rk Surface ( Remarks)	Soils <sup>3</sup> : LRR,K,L,R) ) ))(LRR,K,L) 12) (LRR,K,L,R) TF12) n and wetland
Iddric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine	: A4) 55) ark Surface (A11) ∌ (A12) eral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Joamy Mucky Mii Joamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	atrix (S4) 5) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark & 5 cm   Iron-M Very & Other	Problema Prairie Red Surface (S7 nucky peat langanese Shallow Da (Explain in hydrophytic	tic Hydric S dox (A16) (I ) (LRR,K,L or peat (S3 Masses (F1 rk Surface ( Remarks)	Soils <sup>3</sup> : LRR,K,L,R) ) )(LRR,K,L) 12) (LRR,K,L,R) TF12) n and wetland sturbed or
Iydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine	: A4) 55) ark Surface (A11) ∌ (A12) eral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Joamy Mucky Mii Joamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Suf Redox Depressio	atrix (S4) 5) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark & 5 cm I Iron-M Very & Other <sup>3</sup> Indicators of hydrology mus problematic.	Problema Prairie Red Surface (S7 nucky peat langanese Shallow Da (Explain in hydrophytic t be preser	tic Hydric 1 Jox (A16) (I ) (LRR,K,L or peat (S3 Masses (F1 rk Surface ( Remarks) evegetatio tt, unless di	Soils <sup>3</sup> : LRR,K,L,R) ) ))(LRR,K,L) (2) (LRR,K,L,R) TF12) n and wetland sturbed or
Iydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine	: A4) 55) ark Surface (A11) ∌ (A12) aral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Joamy Mucky Mii Joamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	atrix (S4) 5) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark 5 5 cm 1 Iron-N Very 5 Other <sup>3</sup> Indicators of 1 hydrology mus problematic.	Problema Prairie Rec Surface (S7 nucky peat langanese Shallow Da (Explain in hydrophytic t be preser	tic Hydric 1: dox (A16) (I () (LRR,K,L or peat (S: Masses (F1 rk Surface ( Remarks) e evegetatio t, unless di	Soils <sup>3</sup> : LRR,K,L,R) ) ))(LRR,K,L) (2) (LRR,K,L,R) TF12) n and wetland sturbed or
Iydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine	: 2) A4) 55) ark Surface (A11) ∌ (A12) aral (S1)		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Joamy Mucky Mi Joamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Su Redox Depressio	atrix (S4) 5) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark 5 5 cm 1 Iron-N Very 5 Other <sup>3</sup> Indicators of 1 hydrology mus problematic.	Problema Prairie Red Surface (S7 nucky peat langanese Shallow Da (Explain in hydrophytic t be preser	tic Hydric 5 dox (A16) (I () (LRR,K,L or peat (S3 Masses (F1 k Surface ( Remarks) e evegetatio t, unless di	Soils <sup>3</sup> : LRR,K,L,R) ) ))(LRR,K,L) (2) (LRR,K,L,R) TF12) n and wetland sturbed or
Hydric Soil Indicators Histosol (A1) Histic Epipedon (A Black Histic (A3) Hydrogen Sulfide ( Stratified Layers (A 2 cm Much (A10) Depleted Below Da Thick Dark Surface Sandy Mucky Mine Restrictive Layer (if ol Type: compace	: 2) A4) (5) ark Surface (A11) (A12) aral (S1) bserved): ted clay & gravel		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Loamy Mucky Mi Loamy Gleyed Ma Depleted Matrix ( Redox Dark Suf Depleted Dark Suf Redox Depressio	atrix (S4) 5) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)			Indicators for Coast Dark 5 5 cm 1 Iron-M Very 5 Other <sup>3</sup> Indicators of 1 hydrology mus problematic.	Problema Prairie Red Surface (S7 nucky peat langanese Shallow Da (Explain in hydrophytic t be preser	tic Hydric 5 dox (A16) (I () (LRR,K,L or peat (S3 Masses (F1 k Surface ( Remarks) e evegetatio t, unless di	Soils <sup>3</sup> : LRR,K,L,R) ) 3)(LRR,K,L) 12) (LRR,K,L,R) TF12) n and wetland sturbed or
	: 2) A4) 55) ark Surface (A11) e (A12) aral (S1) bserved): ted clay & gravel		Sandy Gleyed Ma Sandy Redox (S5 Stripped Matrix (S Joamy Mucky Mir Depleted Matrix ( Redox Dark Suf Depleted Dark Suf Redox Depressio	atrix (S4) ;) heral (F1) atrix (F2) F3) ace (F6) urface (F7) ns (F8)		Hvd	Indicators for Coast Dark 3 5 cm 1 Iron-M Very 5 Other <sup>3</sup> Indicators of 1 hydrology mus problematic.	Problema Prairie Rei Surface (S7 nucky peat langanese shallow Da (Explain in hydrophytic t be preser	tic Hydric : dox (A16) (I ) (LRR,K,L or peat (S3 Masses (F1 k Surface ( Remarks) e evegetatio ht, unless di	Soils <sup>3</sup> : LRR,K,L,R) ) )(LRR,K,L) (2) (LRR,K,L,R) TF12) n and wetland sturbed or No

#### HYDROLOGY

Wetland Hydrology Indicator Primary Indicators (minimum c	r <b>s:</b> of one is required; ct	neck all that	apply)	Secondary Indicators (minimum of two required) Surface Soil Cracks (B6)
Surface Water (A1) High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) X Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Aeri Sparsely Vegetated Conc	ial Imagery (B7) ave Surface (B8)	X	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)	X       Drainage Patterns (B10)         Dry-Season Water Table (C2)         Crayfish Burrows (C8)         X       Saturation Visible on Aerial Imagery (C9)         Stunted or Stressed Plants (D1)         X       Geomorphic Position (D2)         X       FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Water Table Present? Saturation Present?	Yes Yes Yes X	No X No X No	Depth (inches): Depth (inches): Depth (inches): <b>6</b> "	Wetland Hydrology Present? Yes X No
(includes capillary fringe) Describe Recorded Data (strea USGS topo map (Figure 1),	am gauge, monitorir 1-foot contour maj	ng well, aeria (Figure 2),	al photos, previous inspections), if available: NRCS Soils Map (Figure 3), Aerial Maps from	2000, 2005, 2010, and 2013 (Figures 4A-D),
Remarks: The wetland h	ydrology criterion	is met.	I WE IS TADIE, and FSA Grop Slide:	

#### WETLAND DETERMINATION DATA FORM - Midwest Region

							Franklin /			
Project/Site: Loom	nis Road Parcels					City/Co	unty: Milwaukee	Samplin	g Date: October 30,	2014
Applicant/Owner:	Bear Developn	nent, LL	c				State:	WI	Sampling Point:	DP-33 UPL
Investigator(s):	Heather D. Pat	ti, PWS				S	Section, Township, Range:	Section	n 30, T5N R21E	
Landform (hillslope, t	terrace, etc.):	terrace				Local relief	f (concave, convex, none)	none-fl	at	
Slope (%): 10%		Lat:	See Figure 2		Long: S	See Figure 2			Datum: See Figure 2	
Soil Map Unit Name:			Ashkum	siltv clav loam (	AsA). hvdric		WWIC	lassification:	n	one
Are climatic / bydrolo	aic conditions on	the site t	voical for this time	of year?		Vas	X No	(if no e	volain in Remarks)	
Are Vegetation	*V Soil	N	or Hydrology	N signific	antly disturbed?	100	Are "Normal Circumstanc	os" procont?	Voc	No Y
Are Vegetation	N Soil	N	or Hydrology	N natural	ly problematic?		(if peeded, explain any ar		n co marke)	
Are vegetation	<u> </u>				ly problemate:		(in needed, explain any a	13W013 111100	nanoj	
SUMMARY OF	FINDINGS	Attacl	h site map sh	owing same	ling point lo	ocations, tr	ansects, important	features.	etc.	
				<u> </u>						
Hydrophytic Vegetati	ion Present?		Yes	No	<u> </u>		Is the Sampled Area			
Hydric Soil Present?			Yes	No	<u> </u>		within a Wetland?		Yes	No <u>X</u>
Wetland Hydrology F	Present?		Yes	No	<u> </u>		If yes, optional wetland si	te ID:	N/A	
Remarks:	*Active corn fie	eld - cor	n is healthv. no c	rop stress						
	None of the we	etland cr	iteria have been	met.						
<b>VEGETATION</b> -	Use scientific	names	s for plants.						Sampling Point:	DP-33 UPL
			Absolute %	Dominant	Indicator				1 0	
Tree Stratum (Plot si	ze: 30'R	)	Cover	Species	Status		Dominance Test V	/orksheet:		
		<u> </u>					Number of Dominar	nt Species		
1. <i>n/a</i>							That Are OBL, FAC	W, or FAC:	0	(A)
2.										
3.							Total Number of Do	minant		
4							Species Across All	Strata:	1	(B)
5		•								
6							That Are OBL FAC	It Species	00/	(A/D)
/		•		- Total Cover			That Ale OBL, FAC	W, UI FAC.	076	(A/B)
						-	Prevalence Index	Worksheet:		
							Total %	Cover of:	Multip	bly by:
							OBL species		x 1 =	<u> </u>
Sapling/Shrub Stratu	ım (Plot size:	15'R )	<u>)</u>				FACW species		x 2 =	
1. <i>n/a</i>							FAC species		x 3 =	
2.							FACU species		x 4 =	
3.							UPL species		x 5 =	
4							Column Totals:		(A)	(B)
5										
6					······		Prevalence In	dex B/A =	n/a	
/		•		- Total Cover		F	Hydronhytic Vege	tation Indica	tors:	
							Ranie	d Test for Hyr	dronhytic Vegetation	
							Domi	nance Test is	s >50%	
							Preva	alence Index	is ≤ 3.0 <sup>1</sup>	
Herb Stratum (Plot si	ize: 5'R	)	<u>)</u>				Morp	hological Ada	aptations <sup>1</sup> (Provide su	pporting
1. Zea mays			90%	Y	UPL		dat	a in Remarks	or on separate sheet	t)
2.							Probl	ematic Hydro	ophytic Vegetation <sup>1</sup> (E	xplain)
3										
4							1			
5.		•					Indicators of hydri	c soil and we	tland hydrology must	
6							be present, unless	aisturbed or	problematic.	
8		•								
9										
10.										
11.		•	, <b></b> )							
12.										
13.										
14.										
			90%	= Total Cover						
	(D) ( )									
Woody Vine Stratum	(Plot size: 30'R									
1 n/2		•			·					
1. <u>11/d</u>		•								
3						F	Hydrophytic			
4.		•					Vegetation			
		•	0%	= Total Cover			Present?	Yes	No	х
								•		
Remarks: (Include pl	noto numbers here	e or on a	separate sheet.)							
Hydrophytic vegeta	tion criterion is r	not met.	No crop stress	observed in this	area.					

US Army Corps of Engineers

#### Sampling Point:

DP-33 UPI

		%	Color (moist)		Type'	Loc <sup>2</sup>	Texture	Remarks
0-10	10YR 3/1	100%	-				si cl loam	
10-15	10YR 3/1	95%	10YR 5/6	5%	C	М	si cl loam	
15-20	10YR 5/2	90%	10YR 5/6	10%	C	М	silty clay	
<u> </u>								
					·			
ne: C=Concentratio	n D-Depletion RM-Redu	ced Matrix CS	-Covered or Coat	ed Sand Grain	19	2	ocation: PI =Pore I	ining M-Matrix
ric Soli Indicators	:			( <b>0</b> 4)			Indicators for	
HISTOSOI (A1) Histic Eninedon (A	2)		Sandy Gleyed Ma Sandy Redox (S5	trix (54) \			Coast I	Prairie Redox (A16) (LRR,K,L,R)
Black Histic (A3)			Stripped Matrix (S	, 6)			5 cm m	nucky peat or peat (S3) (LRR,K,L)
Hydrogen Sulfide (	(A4)		_oamy Mucky Min	eral (F1)			Iron-Ma	anganese Masses (F12) (LRR,K,L,R)
Stratified Layers (A	45)		oamy Gleyed Ma	trix (F2)			Very S	hallow Dark Surface (TF12)
2 cm Much (A10)	ark Quefaga (Add)	!	Depleted Matrix (F	F3)			Other (	Explain in Remarks)
_ Depieted Below Da Thick Dark Surface	ark Surrace (A11) e (A12)	;	Sector Dark Surfa	rface (F7)				
Sandy Mucky Mine	eral (S1)	;	Redox Depression	nace (17) ns (F8)				
	· · /		·	( )				
							<sup>3</sup> Indicators of h	ydrophytic evegetation and wetland
							hydrology must	be present, unless disturbed or
							problematic.	
strictive Lever (# -	hearwad);							
strictive Layer (if ol Type: none	bserved):							
strictive Layer (if ol Type: <u>none</u> Depth (inches): I	bserved): n/a					Hvd	ric Soil Present?	Yes No X
estrictive Layer (if ol Type: <u>none</u> Depth (inches): <u>I</u>	bserved): n/a					Hyd	ric Soil Present?	Yes No_X
strictive Layer (if ol Type: <u>none</u> Depth (inches): <u>1</u> marks: <b>There is</b>	bserved): n/a s a dark A horizon charac	teristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present?	Yes <u>No X</u>
estrictive Layer (if ol Type: <u>none</u> Depth (inches): <u></u> marks: <b>There is</b>	bserved): n/a s a dark A horizon charac	teristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present? not met.	Yes <u>No X</u>
strictive Layer (if ol Type: <u>none</u> Depth (inches): <u>1</u> marks: <b>There is</b>	bserved): n/a s a dark A horizon charac	teristic of Ash	kum silty clay lo	am, but the h	ydric soil crit	Hyd terion is r	ric Soil Present?	Yes No <u>_X_</u>
strictive Layer (if ol Type: <u>none</u> Depth (inches): <u>n</u> marks: <b>There is</b>	bserved): n/a s a dark A horizon charac	teristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present? not met.	Yes No <u>_X_</u>
strictive Layer (if ol Type: <u>none</u> Depth (inches): <u>i</u> marks: There is	bserved): n/a s a dark A horizon charac	cteristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present? Not met.	Yes <u>No X</u>
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> marks: There is	bserved): n/a s a dark A horizon charac	teristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present? not met.	Yes <u>No X</u>
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> marks: There is YDROLOGY	bserved): n/a s a dark A horizon charac dicators:	teristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hydı	ric Soil Present? not met. Second	Yes <u>No X</u>
estrictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> emarks: There is YDROLOGY etland Hydrology In imary Indicators (min	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cf	teristic of Ash	kum silty clay lo	am, but the h	ydric soil cri	Hydı terion is r	ric Soil Present? not met. <u>Second</u>	Yes <u>No X</u> lary Indicators (minimum of two required) Surface Soil Cracks (B6)
Astrictive Layer (if of Type: <u>none</u> Depth (inches): <u>none</u> marks: There is YDROLOGY Atland Hydrology In mary Indicators (min _ Surface Water (A1	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cf )	teristic of Ash	kum silty clay lo oly) Water-Stained Lea	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present? not met. Second	Yes <u>No X</u> dary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10)
Strictive Layer (if of Type: none Depth (inches): marks: There is YDROLOGY Sufface Water (A1 High Water Table (A2) High Water Table (A2)	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cf ) (A2)	teristic of Ash	kum silty clay lo bly) Nater-Stained Lea Aquatic Fauna (B	am, but the h	ydric soil cri	Hyd terion is r	ric Soil Present? not met.	Yes <u>No X</u> dary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Contribution (C0)
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> marks: There is YDROLOGY etland Hydrology In mary Indicators (min Surface Water (A1 High Water Table ( Saturation (A3) Wichter March (A1)	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cł ) (A2)	teristic of Ash	kum silty clay lo bly) Nater-Stained Lea Aquatic Fauna (B True Aquatic Plan	am, but the h aves (B9) 13) ts (B14) Oder (C1)	ydric soil cri	Hyd terion is r	ric Soil Present? not met. Second	Yes <u>No X</u> dary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Sotuction Visible on Acriel Imagery (C0)
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> marks: There is YDROLOGY etland Hydrology In imary Indicators (min _ Surface Water (A1 High Water Table ( Saturation (A3) _ Sediment Deposite Sediment Deposite	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cł ) (A2) s (B2)	teristic of Ash	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (Br Irue Aquatic Plan Hydrogen Sulfide Dvidized Rblizospi	am, but the h aves (B9) 13) ts (B14) Odor (C1) peres on Livin	ydric soil cri	Hyd terion is r	ric Soil Present? Not met.	Yes <u>No X</u> dary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Sturted or Stressed Plants (D1)
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>1</u> marks: There is YDROLOGY etland Hydrology In imary Indicators (mini Surface Water (A1 High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cf ) (A2) s (B2)	heck all that app	kum silty clay lo bly) Nater-Stained Lea Aquatic Fauna (B <sup>-</sup> True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu	am, but the h aves (B9) 13) ts (B14) Odor (C1) neres on Living ced Iron (C4)	ydric soil crii	Hyd terion is r	ric Soil Present? Not met.	Yes No X dary 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)
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>1</u> emarks: There is YDROLOGY etland Hydrology In imary Indicators (min Surface Water (A1 High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3) Algal Mat or Crust	bserved): n/a s a dark A horizon charac dicators: imum of one is required; cf ) (A2) s (B2) (B4)	heck all that app	kum silty clay lo bly) Nater-Stained Lea Aquatic Fauna (B <sup>-</sup> True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu	awes (B9) 13) 13) ts (B14) Odor (C1) neres on Living ced Iron (C4) ction in Tilled S	ydric soil cri ydric soil cri g Roots (C3) Soils (C6)	Hydi terion is r	ric Soil Present? Not met.	Yes No X dary 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)
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>1</u> marks: There is YDROLOGY Surface Water (A1 High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3) Algal Mat or Crust Iron Deposits (B5)	bserved): n/a s a dark A horizon charac dicators: imum of one is required; ch ) (A2) s (B2) (B4)	heck all that app	kum silty clay lo bly) Nater-Stained Lea Aquatic Fauna (B <sup>-</sup> True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surface	awes (B9) 13) 13) ts (B14) Odor (C1) neres on Living ced Iron (C4) ction in Tilled S e (C7)	ydric soil crit g Roots (C3) Soils (C6)	Hyd terion is r	ric Soil Present? Not met.	Yes No X dary 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)
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strictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> marks: There is There is There is There is There is There is Contemposits (Intemposits (International) Algal Mat or Crust Iron Deposits (International) Constant of the	bserved): n/a a dark A horizon charac dicators: imum of one is required; cf ) (A2) s (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8) ? Yes Yes Yes Yes	heck all that app	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (Br True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfact Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches):	awes (B9) 13) 13) 15 (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No X dary 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)
strictive Layer (if of Type: <u>none</u> Depth (inches): <u>i</u> marks: There is marks: There is YDROLOGY tetland Hydrology In mary Indicators (min Surface Water (A1 High Water Table I Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3) Algal Mat or Crust Iron Deposits (B3) Algal Mat or Crust Iron Deposits (B5) Inundation Visible Sparsely Vegetate eld Observations: fface Water Present? turation Present? turation Present? cludes capillary fringe	bserved): n/a a dark A horizon charac dicators: imum of one is required; cf ) (A2) s (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8) ? Yes Yes Yes Yes e)	heck all that app	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches):	awes (B9) 13) 13) 15 (B14) Odor (C1) neres on Living ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	g Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes No _X dary 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) nd Hydrology Present? Yes No
strictive Layer (if of Type: none Depth (inches): 1 marks: There is marks: There	bserved): n/a a dark A horizon charac dicators: imum of one is required; cf ) (A2) s (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8) ? Yes Yes Yes e) ta (stream gauge, monitorin	heck all that app	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospl Presence of Redu Recent Iron Redu Thin Muck Surfact Gauge or Well Da Other (Explain in I Depth (inches): Depth (inches): Depth (inches):	awes (B9) 13) ts (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S a (C7) ta (D9) Remarks) 	ydric soil crii g Roots (C3) Soils (C6)	Hydi	ric Soil Present?	Yes <u>No X</u> dary 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) nd Hydrology Present? Yes <u>No</u>
trictive Layer (if of Type: none Depth (inches): 1 Depth (inches): 1 Seduration (A3) Water Marks (B1) Seduration (A3)	bserved): n/a a dark A horizon charac dicators: imum of one is required; cl ) (A2) s (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8) ? Yes Yes e) ta (stream gauge, monitorir re 1), 1-foot contour mag	heck all that app	kum silty clay lo bly) Mater-Stained Lea Aquatic Fauna (B' True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfact Gauge or Well Da Other (Explain in F Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches):	awes (B9) 13) ts (B14) Odor (C1) heres on Living ced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks) 	ydric soil crii g Roots (C3) Soils (C6)	Hydi terion is r	ric Soil Present? not met. Second Second Second Wetla	Yes No _X dary 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) nd Hydrology Present? Yes No 3 (Figures 4A-D),

#### WETLAND DETERMINATION DATA FORM - Midwest Region

D : //0%					Franklin /
Project/Site: Loom	his Road Parcels				City/County: Milwaukee Sampling Date: October 30, 2014
Applicant/Owner:	Bear Develop	nent, LLC			State: WI Sampling Point: DP-34 UPL
Investigator(s):	Heather D. Pat	tti, PWS			Section, Iownship, Range: Section 30, 15N R21E
Landform (nillslope, 1	terrace, etc.):	backslope			
Siope (%): 10%		Lat: See Figure 2		Long: 5	Datum: See Figure 2
Soli Map Unit Name:		ASNKUM S	lity clay loam (A	ASA), NYORIC	
Are climatic / hydroid	gic conditions on	the site typical for this time	or year?		Yes X No (If no, explain in Remarks)
Are Vegetation	<u>Y</u> Soil	N or Hydrology	N significa	antiy disturbed?	Are "Normal Circumstances" present? Yes No X
Are vegetation	<u> </u>			y problematic?	(il needed, explain any answers in Remarks)
SUMMARY OF	FINDINGS	Attach site map she	owing samp	ling point lo	ocations, transects, important features, etc.
Hydrophytic Vegetati	ion Present?	Voc	No	× v	Is the Sampled Area
Hydric Soil Present?	ion resent:	Yes	No	x	within a Wetland? Ves No X
Wetland Hydrology F	Present?	Yes	No	x	If yes optional wetland site ID: N/A
Wettand Hydrology I		100		<u> </u>	
Remarks:	*Active corn fi None of the w	eld - corn is healthy, no c etland criteria have been r	rop stress. Evic net.	dence of soil ero	rosion here after storm events.
VEGETATION -	Use scientific	names for plants.			Sampling Point: DP-34 UPL
Tree Stretum (Diet ei	2010	Absolute %	Dominant	Indicator	Dominance Test Worksheet:
Tree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	Number of Dominant Species
1. <u>n/a</u> 2.					That Are OBL, FACW, or FAC: <b>0</b> (A)
3.					Total Number of Dominant
4				·	Species Across All Strata: 1 (B)
5		·			Percent of Dominant Species
7.		·			That Are OBL, FACW, or FAC: 0% (A/B)
		0% =	Total Cover		
					Prevalence Index Worksheet:
					Total % Cover of: Multiply by:
Sopling/Shrub Stratu	m (Plot size:	15'D \			OBL species x 1 =
1. <b>n/a</b>	ini (Fiol Size.	15 K )			FAC species x 3 =
2.		·			FACU species x 4 =
3.					UPL species x 5 =
4		·			Column Totals: (A) (B)
5		·			Provalance Index, B/A – n/a
7.		·			
		0% =	Total Cover		Hydrophytic Vegetation Indicators:
					Rapid Test for Hydrophytic Vegetation
					Dominance Test is >50%
Herb Stratum (Plot si	ize: 5'R	)			Prevalence Index is \$ 3.0" Morphological Adaptations <sup>1</sup> (Provide supporting
1. Zea mavs	126. <b>J</b> K	/	Y	UPL	data in Remarks or on separate sheet)
2.					Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
3.					
4					
5					Indicators of hydric soil and wetland hydrology must
7.		·			be present, unless disturbed of problematic.
8.					
9.					
10		·			
11.		·			
13.		·			
14.					
		100% =	Total Cover		
Woody Vine Stratum	(Plot size: 30'R	)			
		<u>_</u>			
1. <u>n/a</u>					
2					
3					Hydrophytic
4		0%	= Total Cover	·	vegetation Present? Yes No X
		370			
Remarks: (Include pl	hoto numbers her	e or on a separate sheet.)			
Hydrophytic vegeta	ation criterion is	not met. No crop stress o	bserved in this	area.	

Sam	pling	Point:	D
00000			

	Color (moist)	%	Color (moist)	%	Type'	Loc <sup>∠</sup>	Texture	Remarks
0-11	10YR 3/1	100%	-				si cl loam	
11-16	10YR 3/1	95%	10YR 5/6	5%	С	М	si cl loam	
16-20	10YR 5/2	90%	10YR 5/6	10%	С	М	silty clay	
vpe: C=Concentratior	n, D=Depletion, RM=Reduc	ced Matrix, CS	=Covered or Coat	ted Sand Grain	s.	<sup>2</sup>	_ocation: PL=Pore L	ining, M=Matrix
dric Soil Indicators:	, .,,				-		Indicators for F	Problematic Hydric Soils <sup>3</sup> :
Histosol (A1)		:	Sandy Gleyed Ma	trix (S4)			Coast F	Prairie Redox (A16) (LRR,K,L,R)
Histic Epipedon (A	2)		Sandy Redox (S5	)			Dark Su	urface (S7) (LRR,K,L)
Black Histic (A3)	• •		Stripped Matrix (S	6)			5 cm m	ucky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfide (A	A4) 5)		_oamy Mucky Mir	neral (F1)			Iron-Ma	Inganese Masses (F12) (LRR,K,L,R)
2 cm Much (A10)	(0)		Depleted Matrix (F	=3)			Other (I	Explain in Remarks)
Depleted Below Da	ark Surface (A11)		Redox Dark Surfa	ace (F6)			`	, ,
Thick Dark Surface	e (A12)		Depleted Dark Su	rface (F7)				
Sandy Mucky Mine	ral (S1)		Redox Depressior	ns (F8)				
							3	
							hydrology must	be present unless disturbed or
							problematic.	
estrictive Layer (if ob	oserved):							
estrictive Layer (if ob Type: <u>none</u>	oserved):							
estrictive Layer (if ob Type: <u>none</u> Depth (inches): <u>r</u>	oserved): Na					Hydi	ric Soil Present?	Yes No_X
estrictive Layer (if ob Type: none Depth (inches): r	oserved): v/a	teristic of Ash	kum silty clay lo	am but the by	udric soil cri	Hydi	ric Soil Present?	Yes No <u>X_</u>
estrictive Layer (if ob Type: <u>none</u> Depth (inches): <u>r</u> emarks: <b>There is</b>	oserved): n/a a dark A horizon charac	teristic of Ash	kum silty clay lo	nam, but the hy	ydric soil crit	Hydi terion is n	ric Soil Present? ot met.	Yes No_X
estrictive Layer (if ob Type: <u>none</u> Depth (inches): <u>r</u> emarks: <b>There is</b>	oserved): n/a a dark A horizon charac	teristic of Ash	kum silty clay lo	vam, but the hy	/dric soil crit	Hydi terion is n	ric Soil Present? lot met.	Yes No <u>X</u>
estrictive Layer (if ob Type: <u>none</u> Depth (inches): <u></u> emarks: <b>There is</b>	oserved): v/a a dark A horizon charac	teristic of Ash	kum silty clay lo	pam, but the hy	ydric soil cri	Hydi terion is n	ric Soil Present? lot met.	Yes No <u>X</u>
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: <b>There is</b>	oserved): Va a dark A horizon charac	teristic of Ash	kum silty clay lo	vam, but the hy	/dric soil crit	Hydr terion is n	ric Soil Present? ot met.	Yes No_X
strictive Layer (if ob Type: <u>none</u> Depth (inches): <u>r</u> marks: There is	oserved): v/a a dark A horizon charac	teristic of Ash	kum silty clay lo	am, but the hy	ydric soil cri	Hydi terion is n	ric Soil Present? lot met.	Yes No <u>_X</u>
strictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> marks: There is YDROLOGY	oserved): Va a dark A horizon charac dicators:	teristic of Ash	kum silty clay lo	am, but the hy	/dric soil cri	Hydi	ric Soil Present? tot met. <u>Second</u>	Yes <u>No X</u>
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is YDROLOGY etland Hydrology Ind imary Indicators (mini	oserved): Va a dark A horizon charac dicators: mum of one is required; ch	teristic of Ash	kum silty clay lo oly)	am, but the hy	/dric soil cri	Hydi terion is n	ric Soil Present? tot met. 	Yes <u>No X</u> Yes         No _ X           lary Indicators (minimum of two required)
Productive Layer (if ob Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is YDROLOGY etland Hydrology Indi imary Indicators (mini _Surface Water (A1)	oserved): Va a dark A horizon charac dicators: mum of one is required; cf	teristic of Ash	kum silty clay lo bly) Water-Stained Lee	nam, but the hy	/dric soil cri	Hydi terion is n	ric Soil Present? not met. 	Yes <u>No X</u> lary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10)
Appendix Content of Content	oserved): Va a dark A horizon charac dicators: mum of one is required; cf ) A2)	teristic of Ash	kum silty clay lo bly) Vater-Stained Le Aquatic Fauna (B	aves (B9)	/dric soil cri	Hydr terion is n	ric Soil Present? Not met.	Yes No X ary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Cravité Burcova (29)
Approximate the second se	oserved): Va a dark A horizon charac dicators: mum of one is required; cf ) A2)	teristic of Ash	kum silty clay lo bly) Water-Stained Le: Aquatic Fauna (B Irue Aquatic Plan	aves (B9) 13) ts (B14) Oder (C1)	/dric soil cri	Hydr terion is n	ric Soil Present? lot met.	Yes No X lary Indicators (minimum of two required) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aarial Imagery (C9)
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is YDROLOGY (etland Hydrology Ind rimary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits	a dark A horizon charac dicators: mum of one is required; ch (B2)	teristic of Ash	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi	awes (B9) 13) 13) 14 (B14) Odor (C1) heres on Living	/dric soil cri	Hydi terion is n	ric Soil Present? not met. Second	Yes No X lary 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)
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is YDROLOGY (etland Hydrology Ind rimary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3)	a dark A horizon charac dicators: mum of one is required; ch A2) (B2)	teristic of Ash	kum silty clay lo bly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu	aves (B9) 13) ts (B14) Odor (C1) heres on Living icced fron (C4)	ydric soil crii	Hydi terion is n	ric Soil Present? not met. <u>Second</u>	Yes No X lary 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)
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is PYDROLOGY (etland Hydrology Ind rimary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits Drift Deposits (B3) Algal Mat or Crust	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4)	teristic of Ash	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Hydrogen Sulfide Staizospi Presence of Redu Recent Iron Redu	aves (B9) 13) ts (B14) Odor (C1) heres on Living icced Iron (C4) ction in Tilled S	/dric soil crit	Hydı terion is n	ric Soil Present? not met.	Yes No X Ary 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)
astrictive Layer (if of Type: none         Depth (inches): r         marks:       There is         amarks:       There is         YDROLOGY         etland Hydrology Indicators (mini Surface Water (A1)         High Water Table ( Saturation (A3)         Water Marks (B1)         Sediment Deposits (B3)         Algal Mat or Crust (B5)	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4)	teristic of Ash	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (B <sup>-</sup> True Aquatic Plan Hydrogen Sulfide Hydrogen Sulfide Scieder Redu Recent Iron Redu Thin Muck Surfac	aves (B9) 13) ts (B14) Odor (C1) heres on Living icced Iron (C4) ction in Tilled S e (C7)	ydric soil crit	Hydı terion is n	ric Soil Present? not met. <u>Second</u>	Yes No X ary 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)
estrictive Layer (if of Type: none         Depth (inches): r         marks:       There is         emarks:       There is         YDROLOGY         etland Hydrology Indicators (mini Surface Water (A1)         High Water Table ( Saturation (A3)         Water Marks (B1)         Sediment Deposits (B3)         Algal Mat or Crust 1         Iron Deposits (B5)         Inundation Visible of	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4) on Aerial Imagery (B7)	teristic of Ash	kum silty clay lo bly) Nater-Stained Lea Aquatic Fauna (Ba True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da	aves (B9) 13) ts (B14) Odor (C1) heres on Living icced Iron (C4) ction in Tilled S e (C7) ta (D9)	/dric soil crit	Hydi terion is n	ric Soil Present? not met.	Yes No X ary 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)
estrictive Layer (if ot Type: none         Type: none         Depth (inches): r         marks: There is         amarks: There is         YDROLOGY         etland Hydrology Indicators (mini Surface Water (A1)         High Water Table (Saturation (A3)         Water Marks (B1)         Sediment Deposits (B3)         Algal Mat or Crust Iron Deposits (B5)         Inundation Visible of Sparsely Vegetated	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8)	teristic of Ash	kum silty clay lo bly) Water-Stained Lea Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I	aves (B9) 13) 13) 13 (B14) Odor (C1) heres on Living (ccd Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	/dric soil crit	Hydi terion is n	ric Soil Present?	Yes No X lary 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)
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is YDROLOGY etland Hydrology Ind imary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust i Iron Deposits (B3) Algal Mat or Crust i Iron Deposits (B5) Inundation Visible o Sparsely Vegetated	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8)	teristic of Ash	kum silty clay lo bly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfac Sauge or Well Da Other (Explain in I	aves (B9) 13) 13) 15 (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) tta (D9) Remarks)	rdric soil crit	Hydi terion is n	ric Soil Present?	Yes No X ary 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)
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is YDROLOGY etland Hydrology Ind imary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust i Iron Deposits (B3) Algal Mat or Crust i Iron Deposits (B5) Inundation Visible of Sparsely Vegetated	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8)	teristic of Ash	kum silty clay lo bly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I	aves (B9) 13) 13) 15 (B14) Odor (C1) heres on Living icced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	rdric soil crit	Hydi terion is n	ric Soil Present?	Yes No X ary 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)
strictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> marks: There is warks: There is YDROLOGY ettand Hydrology Ind imary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust + Iron Deposits (B3) Algal Mat or Crust + Iron Deposits (B5) Inundation Visible of Sparsely Vegetated eld Observations: Irface Water Present? ater Table Present?	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4) on Aerial Imagery (B7) d Concave Surface (B8) y Yes Yes	teristic of Ash	kum silty clay lo bly) Water-Stained Lee Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Thin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches):	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	/dric soil crit	Hydi	ric Soil Present?	Yes No X ary 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)
strictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> marks: There is warks: There is YDROLOGY etland Hydrology Ind imary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust I Iron Deposits (B3) Algal Mat or Crust I Iron Deposits (B3) Algal Mat or Crust I Iron Deposits (B3) Inundation Visible of Sparsely Vegetated Sparsely Vegetated Stater Table Present? ater Table Present ? ater Table Present ? ater Table P	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B2) (B4) d Concave Surface (B8) y Yes Yes Yes Yes	teristic of Ash	kum silty clay lo bly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches):	aves (B9) 13) 13) ts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) Remarks)	ydric soil crit	Hydri terion is n	ric Soil Present?	Yes No _X ary 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)
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is Pararks: There is PARACLOGY estland Hydrology Indi- imary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust i Iron Deposits (B3) Algal Mat or Crust i Iron Deposits (B5) Inundation Visible of Sparsely Vegetated Sparsely Vegetated Sparsely Vegetated Indicace Water Present? ater Table Present? Ituration Present? Cludes capillary fringe	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B4) d Concave Surface (B8) y Yes Yes Yes Yes Yes	teristic of Ash	kum silty clay lo bly) Water-Stained Le Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches):	aves (B9) 13) ts (B14) Odor (C1) heres on Living uced Iron (C4) ction in Tilled S e (C7) Remarks)	ydric soil crit	Hydr terion is n	ric Soil Present?	Yes No _X ary 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) and Hydrology Present? Yes No
estrictive Layer (if ot Type: <u>none</u> Depth (inches): <u>r</u> emarks: There is There is There is There is There is There is There is There is Provide the temperature (Market Marks) (Mater Marks (Market) Saturation (A3) Water Marks (Market) Sediment Deposits (Market) Sparsely Vegetated Sparsely Vegetated Sparsely Vegetated Sparsely Vegetated Second Deposits (Market) Sparsely Vegetated Sparsely Vegetated Sparsel	a dark A horizon charac dicators: mum of one is required; ch A2) (B2) (B2) (B4) d Concave Surface (B8) y Yes Yes Yes Yes Yes Yes Yes Yes	teristic of Ash	kum silty clay lo bly) Water-Stained Lee Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches): Depth (inches):	aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks) 	ydric soil crit	Hydi	ric Soil Present?	Yes No _X ary 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) nd Hydrology Present? Yes No
strictive Layer (if or Type: <u>none</u> Depth (inches): <u>r</u> marks: There is marks: There is <b>(DROLOGY</b> tland Hydrology Ind mary Indicators (mini Surface Water (A1) High Water Table ( Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust i Iron Deposits (B3) Algal Mat or Crust i Iron Deposits (B5) Inundation Visible of Sparsely Vegetated Id Observations: face Water Present? turation Present? turation Present? scribe Recorded Data GS topo map (Figure	A2) (B2) (B4) (B4) (B2) (C) (B2) (C) (B2) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	teristic of Ash	kum silty clay lo bly) Water-Stained Lee Aquatic Fauna (B True Aquatic Plan Hydrogen Sulfide Dxidized Rhizospi Presence of Redu Recent Iron Redu Chin Muck Surfac Gauge or Well Da Dther (Explain in I Depth (inches): Depth (inches): Depth (inches): Depth (inches): Depth (inches):	awes (B9) aves (B9) 13) ts (B14) Odor (C1) heres on Living iced Iron (C4) ction in Tilled S e (C7) ta (D9) Remarks)	/dric soil crit	Hydr terion is n	ric Soil Present?	Yes <u>No X</u> Yes <u>No X</u> lary 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)           Sturted or Stressed Plants (D1)           Geomorphic Position (D2)           FAC-Neutral Test (D5)

#### WETLAND DETERMINATION DATA FORM - Midwest Region

					Franklin /		
Project/Site: Loom	nis Road Parcels				City/County: Milwaukee	Sampling Date: October 30,	2014
Applicant/Owner:	Bear Developn	nent, LLC			State: W	Sampling Point	DP-35 UPL
Investigator(s):	Heather D. Pat	ti, PWS			Section, Township, Range:	Section 30, T5N R21E	
Landform (hillslope, t	terrace, etc.):	backslope			Local relief (concave, convex, none):	slightly concave	
Slope (%): 10%		Lat: See Figure 2		Long: S	ee Figure 2	Datum: See Figure 2	2
Soil Map Unit Name:		Blount	silt loam (BIA)	, hydric	WWI Class	sification: n	one
Are climatic / hydrolo	gic conditions on	the site typical for this time	of year?		Yes X No	(if no, explain in Remarks)	
Are Vegetation	*Y Soil	N or Hydrology	<u>N</u> significa	antly disturbed?	Are "Normal Circumstances"	present? Yes	sNoX
Are Vegetation	N Soil	N or Hydrology	<u>N</u> naturall	y problematic?	(if needed, explain any answe	ers in Remarks)	
SUMMARY OF	FINDINGS	Attach site map sho	owing samp	ling point lo	cations, transects, important fe	atures, etc.	
Hydrophytic Vegetati	ion Present?	Yes	No	х	Is the Sampled Area		
Hydric Soil Present?		Yes	- No	x	within a Wetland?	Yes	No X
Wetland Hydrology F	Present?	Yes	No	x	If yes, optional wetland site II	D: N/A	
Demorkey	*A otivo oom fi		- In atraca Evi	damaa of aail ar	noien here efter eterm evente like DD 24		
Remarks.	None of the we	etland criteria have been n	net.	dence of son ero	osion here after storm events like DP-34.		
VEGETATION -	Use scientific	names for plants.				Sampling Point:	DP-35 UPL
T 04 / / / / / /		Absolute %	Dominant	Indicator	Dominance Test Work	ksheet:	
ree Stratum (Plot si	ze: 30'R	) Cover	Species	Status	Number of Dominant S	inecies	
1. <i>n/a</i>					That Are OBL, FACW,	or FAC: 0	(A)
2.							
3.					Total Number of Domin	nant	
4					Species Across All Stra	ata: <u>1</u>	(B)
5					Percent of Dominant St	necies	
7.					That Are OBL, FACW,	or FAC: 0%	(A/B)
		0% =	Total Cover				. ,
					Prevalence Index Wor	rksheet:	
					Total % Cov	/er of: Multi	ply by:
Sonling/Shrub Stratu	m (Plot cizo:					X 1 =	
1 n/a	im (Piot size.	13 K )			FACW species	x 2 =	
2.					FACU species	x 4 =	
3.					UPL species	x 5 =	
4.					Column Totals:	(A)	(B)
5						D/A	
6					Prevalence Index	(B/A = <u>n/a</u>	
<i>ı</i>		0% =	Total Cover		Hydrophytic Vegetatio	on Indicators:	
					Rapid Te	est for Hydrophytic Vegetation	
					Dominan	ice Test is >50%	
					Prevalen	ice Index is $\leq 3.0^1$	
Herb Stratum (Plot si	ize: 5'R	)	v		Morpholo	ogical Adaptations' (Provide su	upporting
1. <b>Zea mays</b>		100%	Ť	UPL	data in Problem:	Remarks or on separate snee	et) Evolain)
3.							
4.							
5.					<sup>1</sup> Indicators of hydric so	oil and wetland hydrology must	t
6					be present, unless dis	sturbed or problematic.	
7							
8 9							
10.							
11.							
12.							
13.							
14		100%	Total Covor				
		100 /8 _					
Woody Vine Stratum	(Plot size: 30'R	)					
1. <u>n/a</u>							
<u>ک.</u>				·	Hydrophytic		
4.					Vegetation		
		0%	= Total Cover		Present?	Yes No	<u>x</u>
		_					
Remarks: (Include pl Hydrophytic vegeta	noto numbers here ition criterion is r	e or on a separate sheet.) not met. No crop stress o	bserved in this	area.			

US Army Corps of Engineers

Sampling Point:	Sampling	Point:	D
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0 25 1101

SOIL							Sampling Point. DF-33 OPL
Profile Description: (Describe to the depth	needed to docur	nent the indicato	r or confirm t	he absence o	of indicate	ors)	
Dopth Matrix	,		Bodov Foot		, maioute	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
(inches) Color (moist)	0/_	Color (moist)		Type1	L oc <sup>2</sup>	Toxturo	Romarks
	70	Color (moist)	- 70	Type	LOC		Remarks
0-11 10YR 3/2	100%	-				si ci loam	
11-16 10YR 3/2	95%	10YR 5/6	5%	<u> </u>	М	si cl loam	
16-20 10YR 5/2	90%	10YR 5/6	10%	С	М	silty clay	
						·	
		·					
			·				
Type: C=Concentration, D=Depletion, RM=R	educed Matrix, CS	S=Covered or Coa	ted Sand Grair	ıs.	2	Location: PL=Pore L	ining, M=Matrix
Hydric Soil Indicators:						Indicators for I	Problematic Hydric Soils <sup>3</sup>
		On the Olavia d Ma	4 min (O 4)				
Histosol (A1)		Sandy Gleyed Ma	atrix (S4)			Coast H	Prairie Redox (A16) (LRR,K,L,R)
Histic Epipedon (A2)		Sandy Redox (St	<b>)</b>			Dark Si	urface (S7) (LRR,K,L)
Black Histic (A3)		Stripped Matrix (S	56)			5 cm m	lucky peat or peat (S3)(LRR,K,L)
Hydrogen Sulfide (A4)		Loamy Mucky Mi	neral (F1)			Iron-Ma	anganese Masses (F12) (LRR,K,L,R)
Stratified Layers (A5)		Loamy Gleyed M	atrix (F2)			Very St	hallow Dark Surface (TF12)
2 cm Much (A10)		Depleted Matrix (	F3)			Other (	Explain in Remarks)
Depleted Below Dark Surface (A11)		Redox Dark Surf	ace (F6)				
Thick Dark Surface (A12)		Depleted Dark Su	urface (F7)				
Sandy Mucky Mineral (S1)		Redox Depressio	ns (F8)				
						<sup>3</sup> Indicators of h	ydrophytic evegetation and wetland
						hydrology must	be present, unless disturbed or
						problematic.	
						·	
Restrictive Layer (if observed):							
Type: none							
Depth (inches): n/a					Hyd	ric Soil Present?	Yes <u>No X</u>
Remarks: There is a dark A horizon cha	aracteristic of Blo	ount silt loam, bu	t the hydric so	oil criterion is	s not met.		
HIDROLOGI							
Wetland Hydrology Indicators:						Second	lary Indicators (minimum of two required)
Primary Indicators (minimum of one is require	d; check all that ap	oply)			_		Surface Soil Cracks (B6)
Surface Water (A1)		Water-Stained Le	aves (B9)				Drainage Patterns (B10)
High Water Table (A2)		Aquatic Fauna (B	13)				Dry-Season Water Table (C2)
Saturation (A3)		True Aquatic Plan	nts (B14)				Cravfish Burrows (C8)
Water Marks (B1)		Hydrogon Sulfide	Odor(C1)				Saturation Visible on Aerial Imageny (C9)
Water Marks (D1)		Ovidized Deizeen		a Deete (C2)			Stunted or Stressed Plants (D1)
Sediment Deposits (B2)		Oxidized Rhizosp	neres on Living	g Roots (C3)			Stunted or Stressed Plants (D1)
Drift Deposits (B3)		Presence of Redu	uced Iron (C4)				Geomorphic Position (D2)
Algal Mat or Crust (B4)		Recent Iron Redu	ction in Tilled S	Soils (C6)			FAC-Neutral Test (D5)
Iron Deposits (B5)		Thin Muck Surfac	e (C7)				
Inundation Visible on Aerial Imagery (B7)		Gauge or Well Da	ata (D9)				
Sparsely Vegetated Concave Surface (Ba	3)	Other (Explain in	Remarks)				
Field Observations:							
Surface Water Present? Yes	No ¥	Depth (inches)			1		
Water Table Present? Yes		Depth (inches):	·	-			
Saturation Present? Yes		Depth (inches):		-		Wetla	nd Hydrology Present? Yes No
(includes capillary fringe)				•			
Describe Descrided Data (stars and stars)		abataa arriter t	annostic ) 'f	availab -			
Describe Recorded Data (stream gauge, mon	itoring well, aerial	priotos, previous il		avaliaDie:			
USGS topo map (Figure 1), 1-foot contour	map (Figure 2), N	IRCS Soils Map (	Figure 3), Aer	al Maps fron	n 2000, 2	005, 2010, and 2013	3 (Figures 4A-D),
www.map (Figure 5), NOAA's AHPS map (F	igure 6), Local V	vEIS table, and I	-SA Crop Slid	e			
Remarks: Wetland hydrology criterion	is not met. Not a	strong indicatior	of consistent	t wetness on	FSA crop	slides or aerials.	There is
		ftor storm ovents	but water is	not standing	here for	periods of time.	
evidence of soil erosion/aully	ving in the area a		, Mat Water				



## CITY OF FRANKLIN

## **REPORT TO THE PLAN COMMISSION**

#### Meeting of May 8, 2025

#### **Temporary Use**

**RECOMMENDATION:** Department of City Development staff recommends approval of this Temporary Use from April 10 to September 30, 2025.

Project Name:	Ascension Food Truck Events
Project Address:	10101 S 27 <sup>th</sup> Street
Applicant:	Norberto Rodriguez, Ascension.
Property Owner:	Menard, Inc.
Current Zoning:	B-7 South 27 <sup>th</sup> Street Mixed Use Office District
2025 Comprehensive Plan:	Mixed Use
Applicant's Action Requested:	Approval of Temporary Use from April 10 to September 30, 2025
Planner:	Luke Hamill, Associate Planner

#### **Introduction:**

Temporary Use application to allow for food truck operation in the Ascension parking lot at 10101 S 27<sup>th</sup> Street. The proposed food truck operation is from April 10 to September 30, 2025, with food service from 7:00 am to 2:00 pm and food truck parking from 6:00 am to 3:00 pm. The applicant is planning to operate at this location 1 to 2 days per month but requesting permission for 7 days a week to retain flexibility depending on food truck availability.

This temporary use permit requires Plan Commission approval because the requested period of operation is over 30 calendar days and is located in the B-7 South 27<sup>th</sup> Street Mixed Use Office District.

It is worth noting that City Development staff conditionally approved this Temporary Use application on April 9th (attached) and April 16th, limited to April 10, 25, and May 6th, to allow for food truck operation while awaiting for Plan Commission review and approval.

#### <u>Analysis</u>

City Development staff reviewed this application for compliance with the Unified Development Ordinance UDO) Section 15-3.0804.B "Temporary Miscellaneous Outdoor Sales":

1. Location. No display, sales or parking is permitted in any street right-of-way, except such parking on-street as is regularly permitted. In addition, no display, sales or parking shall obstruct pedestrian or vehicular traffic. All display areas or temporary structures shall comply with the minimum required yard setbacks for the zoning district for the property upon which the temporary miscellaneous outdoor sale occurs.

- City Development staff has no concerns with the proposed location.
- 2. Parking. All parking shall be on-site, except such on-street parking as is regularly permitted. The applicant must demonstrate that there will be adequate parking for the existing uses as well as the proposed temporary miscellaneous outdoor sale.
  - All parking must be within the property.
- 3. Trash and Debris. The applicant must demonstrate and provide adequate facilities to dispose of all trash or other waste generated by the temporary miscellaneous outdoor sale.
  - City Development staff recommends that the operator must provide at least one (1) trash receptacle for customers.
- 4. Signage. All signage shall be in accordance with the sign regulations set forth in this Ordinance.
  - As this event will have different food trucks, Advertising of products/services that are not incidental to the food truck use are prohibited per Municipal Code Section 210-10 "Signs on vehicles".
- 5. Temporary Outdoor Structures. All proposed temporary outdoor structures (tents, canopies) are subject to review and approval of the Fire Inspector and the Building Inspector.
  - This standard does not apply as no tents/canopies are proposed.
- 6. Temporary Miscellaneous Outdoor Sales Shall be Limited to 14 Consecutive Days. Owners must obtain a Temporary Use Permit for each temporary miscellaneous outdoor sale before the use is permitted. Each such uses shall not exceed 14 consecutive calendar days. The total days of such temporary uses during a calendar year shall not exceed 30 calendar days.
  - If approved, the temporary use permit will be valid from April 10 to September 30, 2025, with a limit to two days per calendar month, a separate temporary use permit will be required for any operations beyond this time frame.
- 7. A Site Plan is Required. A site plan showing location of existing buildings, locations of proposed structures for the sales/events, locations of parking spaces, signage, hours of operation, what merchandise is being sold and any other information pertinent to the review of the sales/events and as may be so required by the Zoning Administrator or designee of the City Planning Department or the Plan Commission, as applicable, shall be submitted as part of the application for a commercial temporary outdoor sale use.
  - Submitted application materials have been deemed complete for review.

## **Staff recommendation**

Department of City Development staff recommends approval of this Temporary Use from April 10 to September 30, 2025, subject to the conditions set forth in the attached resolution.

#### CITY OF FRANKLIN PLAN COMMISSION

#### **RESOLUTION NO. 2025-**

#### A RESOLUTION IMPOSING CONDITIONS AND RESTRICTIONS FOR THE APPROVAL OF A TEMPORARY USE FOR MULTIPLE FOOD TRUCK EVENTS IN THE PARKING LOT OF THE ASCENSION HOSPITAL LOCATED AT 10101 S $27^{\text{TH}}$ STREET (ASCENSION SE WI FRANKLIN, APPLICANT)

WHEREAS, Ascension SE WI Franklin having petitioned the City of Franklin for the approval of a Temporary Use to allow for multiple food truck events in the Ascension parking lot located at 10101 S 27<sup>th</sup> Street, from April 10, 2025 through September 30, 2025, with food service from 7:00 a.m. to 2:00 p.m.;

WHEREAS, the Plan Commission having found that the proposed Temporary Use, subject to conditions, meets the standards set forth under §15-3.0804 of the Unified Development Ordinance.

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the petition of Ascension SE WI Franklin for the approval of a Temporary Use to allow for a food truck operation, for the property particularly described in the preamble to this Resolution, be and the same is hereby approved, subject to the following conditions and restrictions:

- 1. The approval granted hereunder shall allow for such use from April 10, 2025 through September 30, 2025, limited to 2 days per calendar month, with food service from 7:00 a.m. to 2:00 p.m. and all approvals granted hereunder expiring at 2:00 p.m. on September 30, 2025.
- 2. The food truck and trailers shall be parked within the drive in the Ascension parking lot as shown on the Site Plan, City file-stamped March 19, 2025.
- 3. A minimum of one (1) trash receptacle must be provided to properly dispose of any waste generated by this use.
- 4. No display, sales, or parking shall obstruct vehicular traffic. Drive aisles must be maintained at all times to allow safe and efficient vehicular access throughout the Ascension parking lot.
- 5. No display, sales, or parking shall obstruct vehicular traffic. Drive aisles must be maintained at all times to allow safe and efficient vehicular access throughout the Ascension parking lot.

## ASCENSION SE WI FRANKLIN – TEMPORARY USE

RESOLUTION NO. 2025-\_\_\_\_

Page 2

- 6. No display, sales, or parking shall obstruct vehicular traffic. Drive aisles must be maintained at all times to allow safe and efficient vehicular access throughout the Ascension parking lot.
- 7. All food trucks operating at this event must hold a current Mobile Retail Food License from DATCP or a DATCP agent. Organizers of the event will provide the Franklin Health Department (FHD) with a list of dates and vendors that will be attending the event at least two weeks prior to the date of operation. Vendors must submit an application for inspection and applicable fees to the FHD at least 48 hours prior to the event date. License information and application will be reviewed and verified by FHD prior to operation. Inspections will be conducted per the FHD Policy and Procedures. All Wisconsin Food Code requirements must be met by all licensed establishments participating.
- 8. This Temporary Use approval is contingent on the applicant receiving all applicable licenses/permits through the City of Franklin. This includes, but is not limited to, all necessary licenses/permits which are required through the Building Inspection Department, Clerks Office and Health Department.
- 9. Any signage other than lettering on the truck and trailer shall be subject to issuance of a Sign Permit from the City of Franklin Building Inspection Department.
- 10. The lettering on the truck and trailer is limited to advertising incidental to the food truck operation and any other advertising is prohibited per Municipal Code Section 210-10 "Signs on Vehicles".

Introduced at a regular meeting of the Plan Commission of the City of Franklin this  $8^{th}$  day of May, 2025.

Passed and adopted at a regular meeting of the Plan Commission of the City of Franklin this 8<sup>th</sup> day of May, 2025.

APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_

\_\_\_\_\_



Date:	April 16, 2025
To:	Norberto Rodriguez
From:	Department of City Development. Luke Hamill, Associate Planner.
RE:	Staff Comments, 10101 S 27 <sup>th</sup> Street <b>/</b> 928 9999 007

Please be advised that city staff has reviewed the above application received on March 19, 2025, for a proposed temporary use application for food truck events on lot located at 10101 S 27<sup>th</sup> Street / 928 9999 007. The following comments are for your review and consideration.

#### **City Development Comments**

- This application is scheduled for the May 8th Plan Commission Meeting at 6:00 PM.
- The food truck location looks to be on one of the private drives on the property. Make sure no vehicular traffic is obstructed by the food truck locations.

#### Franklin Health Department Comments

All food trucks operating at this event must hold a current Mobile Retail Food License from DATCP or a DATCP agent. Organizers of the event will provide the Franklin Health Department (FHD) with a list of dates and vendors that will be attending the event at least two weeks prior to the date of operation. Vendors must submit an application for inspection and applicable fees to the FHD at least 48 hours prior to the event date. License information and application will be reviewed and verified by FHD prior to operation. Inspections will be conducted per the FHD Policy and Procedures. All Wisconsin Food Code requirements must be met by all licensed establishments participating. (This will be added as a condition of approval for your temporary use)

	APPLICATION DATE:
Planning Department 9229 West Loomis Road Franklin, Wisconsin 53132 (414) 425-4024 <u>franklinwi.gov</u>	ranklin s c o n s i n
PLAN COMMIS	SION REVIEW APPLICATION
PROJEC	INFORMATION [print legibly]
APPLICANT [FULL LEGAL NAMES]	APPLICANT IS REPRESENTED BY [CONTACT PERSON]
	NAME: Norberto Kadriquez
COMPANY: ASCRUSION SE WE Franklin	COMPANY:
MAILING ADDRESS: 27th Stonet	MAILING ADDRESS:
	CITY/STATE: ZIP:
PHONE:	PHONE:
	414 232-7840
	email Address: norserto. radriguez C ascension
PROJEC	T PROPERTY INFORMATION
PROPERTY ADDRESS: 5. 27th Street	TAX KEY NUMBER:
PROPERTY OWNER:	PHONE:
MAILING ADDRESS:	EMAIL ADDRESS:
ÇITY/STATE: ZIP:	DATE OF COMPLETION: office use only
Franklin WI 531	52
Diagonal a la tra	APPLICATION TYPE
Please check the a	oplication type that you are applying for
🗌 Building Move 🗆 Sign Review	□ Site Plan / Site Plan Amendment 🏹 Temporary Use
Most requests re Applicant is responsible for providing Plan Commiss	quire Plan Commission review and approval. on resubmittal materials up to 11 copies pending staff request and comments.
· · · · · · · · · · · · · · · · · · ·	SIGNATURES
The applicant and property owner(s) hereby certify that: (1) all statem of applicant's and property owner(s)' knowledge; (2) the applicant and applicant and property owner(s) agree that any approvals based on re- building permits or other type of permits, may be revoked without no this application, the property owner(s) authorize the City of Franklin and p.m. daily for the purpose of inspection while the application is under re- trespassing pursuant to Wis. Stat. §943.13. (The applicant's signature must be from a Managing Member if the bu-	ents and other information submitted as part of this application are true and correct to the best property owner(s) has/have read and understand all information in this application; and (3) the presentations made by them in this Application and its submittal, and any subsequently issued ice if there is a breach of such representation(s) or any condition(s) of approval. By execution of d/or its agents to enter upon the subject property(ies) between the hours of 7:00 a.m. and 7:00 view. The property owner(s) grant this authorization even if the property has been posted against siness is an LLC, or from the President or Vice President if the business is a corporation. A signed
applicant's authorization letter may be provided in lieu of the applican of the property owner's signature[s] below. If more than one, all of the	t's signature below, and a signed property owner's authorization letter may be provided in lieu e owners of the property must sign this Application).
I, the applicant, certify that I have read the following p understand that incomplet	age detailing the requirements for plan commission approval and submittals and applications and submittals cannot be reviewed.
PROPERTY OWNER SIGNATURE: Contro Montan 2/17/2	5 Juitten Malyon 2/17/25
NAME & TITLE: DATE: DATE:	NAME & TITLE: DATE:
	Jonathon Matuszewski, President
PROPERTY OWNER SIGNATURE:	APPLICANT REPRESENTATIVE SIGNATURE:
NAME & TITLE: DATE:	NAME & TITLE: DATE:

CITY OF FRANKLIN APPLICATION CHECKLIST
DOILDING WOVE APPLICATION WATERIALS
$\square$ \$350 Application fee navable to the City of Franklin
$\Box$ Word Document legal description of the subject property
$\Box$ Three (3) complete collated sets of application materials to include
[] Three (3) project parratives.
$\Box$ Three (3) folded full size, drawn to scale copies (at least 8 ½ " X 11") of the plat of survey, showing the proposed building
placement at the new location, Indicate setbacks from property lines and locations of driveways and access points. NOTE: Single-Family homes require an attached 2-car garage.
□ Three (3) copies of color photographs of the building's current elevations.
□ Other items as may be required for specific applications, per a city planner.
Email or flash drive with all plans / submittal materials.
Applications for a Building Move are governed by the City of Franklin Municipal Code Chapter 92-2 (A.) and the Wisconsin Uniform Building Code.
SIGN REVIEW APPLICATION MATERIALS
□ This application form accurately completed with signatures or authorization letters (see reverse side for more details).
$\Box$ \$40 Application fee pavable to the City of Franklin.
U Word Document legal description of the subject property.
Three (3) complete collated sets of application materials to include
$\Box$ Three (3) colored copies of the sign elevations, drawn to scale not less than $\%'' = 1'$ . Plans shall be folded to a maximum
size of 9" X 12". The elevations should denote the sign dimension and area. Identify the colors, materials, finishes and lighting method (if applicable).
Three (3) scaled copies of the Site Plan, showing the location of the proposed signage relative to (1) any existing or proposed
structures; (2) parking stalls and/or driveways; (3) proposed landscaping and outdoor lighting; (4) the setback distance from the
street right-of-way at the proposed location; (5) height of sign above the finished grade; and (6) the vision triangle distances described in Section 15-5 0201 of the Unified Development Ordinance.
Email or flash drive with all plans / submittal materials.
Required for signage in Planned Development Districts (PDD) No. 7 and 18. Additional materials / copies may be required for board/commission meetings
<ul> <li>Permits for construction are REQUIRED after approval. Contact Inspection Services (414-425-0084) for permit processes.</li> </ul>
SITE PLAN / SITE PLAN AMENDMENT ADDUCATION MATERIALS
This application form accurately completed with signatures or authorization letters (see reverse side for more details)
$\Box$ Application fee payable to the City of Franklin [salect one of the following]
$\Box \text{ Tier } 2: \$1.700 \text{ //ot size } < 1 \text{ acce}$
$\square$ The 2: \$250 /< 10% increase or decrease in total floor area of all structures with no change to parking; or change to parking only)
TWord Document legal description of the subject property
Three (3) complete collated sets of application materials to include
Three (3) project parratives.
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From:	Norberto Rodriguez
To:	David Serna-Herrera
Cc:	Gail Olsen
Subject:	Re: [EXTERNAL] Temporary Use - 10101 S. 27th St.
Date:	Wednesday, March 19, 2025 2:17:38 PM
Attachments:	image001.jpg
	Ascension Franklin - Site Plan 2025.pdf

#### This message was sent securely using Zix<sup>®</sup>

Hello David,

My apologies for the delay as I gathered up all the necessary information.

- Site Plan: Attached Includes 2 pages.
- Project Narrative: Date and times depend on the Food Truck Vendor availability. We welcome Food Truck Vendors once a month, on occasion two times a month. Days of operation are during the work week, Monday through Friday. Hours of operation are between 11:00am to 2:00pm(lunch) on occasion 7am to 10:00am (breakfast). Upcoming events are April 10th and 25th, more dates to come through the Spring and Summer seasons. Food Truck Vendors are responsible for the disposal of all garbage off site.
- Does your event include any of the following? The event will NOT include any of the following.
  - Signage
  - Outdoor Lighting
  - Outdoor seating areas and/or tents
  - Temporary fencing, barriers and/or planters.
  - Speakers and/or music.

Let me know if you have any questions or concerns.

Kind regards, Norberto

Norberto Rodriguez Executive Assistant, Administration

Ascension St. Francis Hospital 3237 S. 16th Street | Milwaukee, WI 53215 Ascension Franklin 10101 S. 27th Street | Franklin, WI 53132

t: 414-647-5131 | f: 414-647-5565

2



Hello Norberto,

We have received your temporary use application but noticed we are missing the site plan and project narrative. I have listed what these documents would entail.

- Site Plan (scaled aerial map with indicators of where food vending will be, selling area, available parking, where the food truck will be parked, etc.)
- Project Narrative (explains how long you will be operating this event (and list all dates), hours of operation, garbage disposal plan (if necessary))
- Does your event include any of the following? If so, please indicate location in the site plan:
  - Signage
  - Outdoor Lighting
  - Outdoor seating areas and/or tents
  - Temporary fencing, barriers and/or planters.
  - Speakers and/or music.

Let me know if you have any questions.

Best Regards,

David Serna

**Planning Intern** 

City of Franklin

9229 W. Loomis Road

Franklin, Wisconsin 53132

Phone: 414-425-4024

?



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# Ascension Franklin

Temporary Use 10101 S. 27th St. Site Plan







April 9, 2025

Norberto Rodriguez Ascension Franklin 10101 S 27<sup>th</sup> Street Franklin, WI 53132

## Re: Temporary Use conditional approval – 2025 Ascension Food Truck Events – 10101 S 27<sup>th</sup> Street

Dear Norberto:

Please be advised that your <u>Temporary Use</u> application for a food truck operation located at 10101 S 27<sup>th</sup> Street has been <u>conditionally approved</u>, subject to the following conditions:

1. This staff approval is limited to April 10<sup>th</sup> and April 25<sup>th</sup>, 2025, with food service from 7:00 a.m. to 2:00 p.m. Food truck operation beyond this frame is subject to Plan Commission review and approval.

2. The food trucks shall be parked within the Ascension parking lot as shown on the Site Plan, City file-stamped March 19, 2025.

3. A minimum of one (1) trash receptacle must be provided to properly dispose of any waste generated by this use.

4. No display, sales, or parking shall obstruct vehicular traffic. Drive aisles and fire lanes must be maintained at all times to allow safe and efficient vehicular access throughout the Ascension parking lot.

5. The operator must comply with any applicable State requirements pertaining to fire protection systems in mobile kitchens/food trucks.

6. This Temporary Use approval is contingent on the applicant receiving all applicable licenses/permits through the City of Franklin. This includes, but not limited to, all necessary licenses/permits which are required through the Building Inspection Department, Clerks Office, and Health Department.

7. Any signage other that lettering on the truck and trailer shall be subject to issuance of a Sign Permit from the City Development Department.

8. The lettering on the truck and trailer is limited to advertising incidental to the food truck operation, any other advertising is prohibited per Municipal Code Section 210-10 "Signs on Vehicles".

You can contact the Department of City Development at 414-425-4024 if you have questions about this approval.



Department of City Development 9229 West Loomis Road, Franklin, Wisconsin 53132 (414) 425-4024

Sincerely,

Luke Hamill Associate Planner

Cc: 10101 S 27<sup>th</sup> Street, Paper file, Elec. File.



April 16, 2025

Norberto Rodriguez Ascension Franklin 10101 S 27<sup>th</sup> Street Franklin, WI 53132

## Re: Temporary Use conditional approval – 2025 Ascension Food Truck Events – 10101 S 27<sup>th</sup> Street

Dear Norberto:

Please be advised that your <u>Temporary Use</u> application for a food truck operation located at 10101 S 27<sup>th</sup> Street has been <u>conditionally approved</u>, subject to the following conditions:

1. This staff approval is limited to May 6th, 2025, with food service from 7:00 a.m. to 2:00 p.m. Food truck operation beyond this frame is subject to Plan Commission review and approval.

2. The food trucks shall be parked within the Ascension parking lot as shown on the Site Plan, City file-stamped March 19, 2025.

3. A minimum of one (1) trash receptacle must be provided to properly dispose of any waste generated by this use.

4. No display, sales, or parking shall obstruct vehicular traffic. Drive aisles and fire lanes must be maintained at all times to allow safe and efficient vehicular access throughout the Ascension parking lot.

5. The operator must comply with any applicable State requirements pertaining to fire protection systems in mobile kitchens/food trucks.

6. This Temporary Use approval is contingent on the applicant receiving all applicable licenses/permits through the City of Franklin. This includes, but not limited to, all necessary licenses/permits which are required through the Building Inspection Department, Clerks Office, and Health Department.

7. All food trucks operating at this event must hold a current Mobile Retail Food License from DATCP or a DATCP agent. Organizers of the event will provide the Franklin Health Department (FHD) with a list of dates and vendors that will be attending the event at least two weeks prior to the date of operation. Vendors must submit an application for inspection and applicable fees to the FHD at least 48 hours prior to the event date. License information and application will be reviewed and verified by FHD prior to operation. Inspections will be conducted per the FHD Policy and Procedures. All Wisconsin Food Code requirements must be met by all licensed establishments participating.

8. Any signage other that lettering on the truck and trailer shall be subject to issuance of a Sign Permit from the City Development Department.



9. The lettering on the truck and trailer is limited to advertising incidental to the food truck operation, any other advertising is prohibited per Municipal Code Section 210-10 "Signs on Vehicles".

You can contact the Department of City Development at 414-425-4024 if you have questions about this approval.

Sincerely,

Luke Hamill Associate Planner

Cc: 10101 S 27<sup>th</sup> Street, Paper file, Elec. File.



## CITY OF FRANKLIN

## **REPORT TO THE PLAN COMMISSION**

#### Meeting of May 8, 2025

#### **Temporary Use**

**RECOMMENDATION:** Department of City Development staff recommends approval of this after-the-fact Temporary Use from April 28 to July 28, 2025.

Project Name:	2025 Home Depot Seasonal Sales Area
Project Address:	6489 S 27th St
Applicant:	Home Depot USA, Inc.
Property Owner:	Home Depot USA, Inc.
Current Zoning:	PDD 14 – Planned Development District & FW – Floodway District
2025 Comprehensive Plan:	Commercial
Use of Surrounding Properties:	Residential trailer park (north), floodplain (west), restaurants and retail (east) and retail (south)
Applicant's Action Requested:	Approval of Temporary Use from April 28 to July 28, 2025
Planner:	David Serna, Planning Intern

#### **Introduction:**

Temporary Use application to allow for the fenced Garden Center on Home Depot's parking lot. The fence will be approximately 6 feet in height, encircling an area of approximately 6,400 sq. ft., 40 feet by 160 feet. This temporary use is being requested for April 28, through July 28, 2025.

#### **Background and analysis:**

The Plan Commission granted previous temporary use approvals for this seasonal sales area in 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2021, 2022, 2023 and 2024.

The applicant has once again submitted an application for a temporary use in Planned Development District (PDD) No. 14 to allow for outdoor seasonal sales of plant goods, and landscape commodity bagged goods. All of the plant goods and commodity bagged goods will be placed within a fenced in corral measuring 160 feet long by 40 feet wide for a total area of 6,400 square feet. The fence will be metal and chain-link in style. The height of the fence will be six (6) feet which is in conformance with Section 15-3.0803 (C) (2) of the Unified Development Ordinance.

PDD No. 14 (Ordinance No. 99-1553) allows for a seasonal display area for outdoor live plant with location to be approved on an annual basis by the Plan Commission. Staff finds the location of the proposed outdoor seasonal sales area, as shown on the site plan, is consistent with the Ordinance No. 99-1553.

Ordinance No. 2005-1858 provides for the administrative issuance of Temporary Use Permits by the Zoning Administrator and designees of the City Planning Department and to further specify the types of and conditions upon temporary uses, which may be permitted. Section 15-3.0804 (A)(4) states that, "Each individual outdoor sales event (up to 4 per year, per property) shall be no longer than 14 consecutive days; provided, however, that the total days of such temporary uses during a calendar year shall not exceed 30 calendar days. Owners must obtain a Temporary Use Permit for each such temporary outdoor sale before the use is permitted."

According to Section 15-3.0804(L) of the City of Franklin Unified Development Ordinance, "Each Temporary Use Permit shall specify the date upon which such use may commence and the date upon which such use shall expire; in no event, except as otherwise specifically and expressly set forth in this Section, shall any temporary use exceed 90 days in duration during any calendar year." The proposed outdoor seasonal tree and shrub sales event will start on April 28, 2025 and end on July 28, 2025, with a duration of 90 days.

The applicant received one limited approvals from City Development Staff to allow for the Garden Center Opeartion while awaiting for Plan Commission review and approval. The dates of those approvals are as follows:

April 28 – May 8

### **Department comments**

#### Fire Department

• FD has no comments/concerns.

#### Police Department

• The PD has no comment regarding this request.

#### Engineering Department

• No comments.

#### Inspection Services Department

• Inspection Services has no comments on the proposal at this time.

## **Staff recommendation:**

City Development Staff recommends **approval** of the Temporary Use to allow The Home Depot to have outdoor seasonal sales of plant goods and commodity bagged goods from April 28, 2025 through July 28, 2025, upon property located at 6489 South 27th Street, subject to the conditions of approval in the attached resolution.

## City of Franklin Department of City Development Planning & Zoning

## Application Type: Temporary Use

Routing date: 4/1/2025

Project Name:	Home Depot Garden Center
Address Location:	6489 S 27 <sup>th</sup> St
Tax Key #(s):	714 9996 015
Zoning:	PDD 14 – Planned Development District & FW – Floodway District
Property Owner(s):	Home Depot
Applicant Name:	Home Depot
Assigned Planner:	David Serna, Planning Intern
Submittal Date:	4/1/2025
Application Number:	PPZ25-0065

## Scope of Work:

Temporary Use to allow for the fenced Garden Center on Home Depot's parking lot. The fence will be approximately 6 feet in height, encircling an area of approximately 6,400 sq. ft., 40 feet by 160 feet. This temporary use is being requested from April 28th, through July 28th, 2025.

STATE OF WISCONSIN

### CITY OF FRANKLIN PLAN COMMISSION

#### **RESOLUTION NO. 2025-**

## A RESOLUTION IMPOSING CONDITIONS AND RESTRICTIONS FOR THE APPROVAL OF A TEMPORARY USE FOR OUTDOOR SEASONAL TREE AND SHRUB SALES FOR PROPERTY LOCATED AT 6489 SOUTH 27TH STREET (HOME DEPOT U.S.A., INC., APPLICANT)

WHEREAS, Home Depot U.S.A., Inc. (Home Depot 4907) having petitioned the City of Franklin for the approval of a Temporary Use to allow for seasonal sales (April 28, 2025 through July 28, 2025) in The Home Depot store parking lot, with 6 foot high black wire fence around a 40 foot wide x 160 foot deep area of plant goods and commodity bagged goods, upon property located at 6489 South 27th Street; and

WHEREAS, the Plan Commission having found that the proposed Temporary Use, subject to conditions, meets the standards set forth under §15-3.0804 of the Unified Development Ordinance.

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the petition of Home Depot U.S.A., Inc. (Home Depot 4907) for the approval of a Temporary Use for the property particularly described in the preamble to this Resolution, be and the same is hereby approved, subject to the following conditions and restrictions:

- 1. The approval granted hereunder shall commence upon April 28, 2025 and terminate and expire on July 28, 2025.
- 2. All outdoor seasonal tree, shrub and commodity bagged goods sales shall take place within the 40,000 square foot area shown on "Exhibit A" of Ordinance No. 99-1553.
- 3. The approval granted hereunder is subject to verification by City Development Department staff that all the outdoor sales and display on The Home Depot's property are in conformance with Ordinance No. 99-1553.
- 4. Fire Lane access must be maintained.

Introduced at a regular meeting of the Plan Commission of the City of Franklin this day of , 2025.

HOME DEPOT U.S.A., INC. – TEMPORARY USE RESOLUTION NO. 2025-\_\_\_\_ Page 2 Passed and adopted at a regular meeting of the Plan Commission of the City of Franklin this \_\_\_\_\_\_, 2025.

APPROVED:

John R. Nelson, Chairman

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_


## 6489 S. 27 Street



#### Planning Department (414) 425-4024





This map shows the approximate relative location of property boundaries but was not prepared by a professional land surveyor. This map is provided for informational purposes only and may not be sufficient or appropriate for legal, engineering, or surveying purposes.



6489 S. 27 Street



APPL	ICATION	DATE
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Planning Department 9229 West Loomis Road Franklin, Wisconsin 53132

> (414) 425-4024 <u>franklinwi.gov</u>



STAMP DATE: \_\_\_\_\_city use only

## PLAN COMMISSION REVIEW APPLICATION

PROJECT INFORMATION [print legibly]			
APPLICANT [FULL LEGAL NAMES]	APPLICANT IS REPRESENTED BY [CONTACT PERSON]		
NAME:	NAME:		
COMPANY:	COMPANY:		
MAILING ADDRESS:	MAILING ADDRESS:		
CITY/STATE: ZIP:	CITY/STATE: ZIP:		
PHONE:	PHONE:		
EMAIL ADDRESS:	EMAIL ADDRESS:		
PROJECT PROPER	TY INFORMATION		
PROPERTY ADDRESS:	TAX KEY NUMBER:		
PROPERTY OWNER:	PHONE:		
MAILING ADDRESS:	EMAIL ADDRESS:		
CITY/STATE: ZIP:	DATE OF COMPLETION: office use only		
APPLICAT	TON TYPE		
Please check the application	type that you are applying for		
□ Building Move □ Sign Review □ Site Pla	n / Site Plan Amendment 🗀 Temporary Use		
Most requests require Plan Commission review and approval.			
Applicant is responsible for providing Plan Commission resubmittal materials up to 12 copies pending staff request and comments.			
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If you have questions about the application materials please contact the planning department
BUILDING MOVE APPLICATION MATERIALS
□ This application form accurately completed with signatures or authorization letters (see reverse side for more details).
$\Box$ \$200 Application fee payable to the City of Franklin.
□ Word Document legal description of the subject property.
□ Three (3) complete collated sets of application materials to include
$\Box$ Three (3) project narratives.
Three (3) folded full size, drawn to scale copies (at least 8 ½ " X 11") of the plat of survey, showing the proposed building
placement at the new location, indicate setbacks from property lines and locations of driveways and access points.
NOTE: Single-Family homes require an attached 2-car garage.
□ Three (3) copies of color photographs of the building's current elevations.
Conter items as may be required for specific applications, per a city planner.     Empilier flesh drive with all plans (submitted meterials
Email of Hash university of plans / submittal materials.
<ul> <li>Applications for a Building Move are governed by the City of Franklin Municipal Code Chapter 92-2 (A.) and the Wisconsin Uniform Building Code.</li> </ul>
SIGN REVIEW APPLICATION MATERIALS
□ This application form accurately completed with signatures or authorization letters (see reverse side for more details).
□ \$40 Application fee payable to the City of Franklin.
□ Word Document legal description of the subject property.
□ Three (3) complete collated sets of application materials to include
$\Box$ Three (3) colored copies of the sign elevations, drawn to scale not less than $\frac{1}{2}$ " = 1'. Plans shall be folded to a maximum
size of 9" X 12". The elevations should denote the sign dimension and area. Identify the colors, materials, finishes and lighting
method (if applicable). $\Box$ There (2) evolutions of the Site Diameter is the lensity of the second state of the Site Diameter is the lensity of the second state of t
□ Inree (3) scaled copies of the Site Plan, showing the location of the proposed signage relative to (1) any existing or proposed structures; (2) parking stalls and/or driveways; (3) proposed landscaping and outdoor lighting; (4) the setback distance from the
structures, (2) parking stans ana/or ane ways, (5) proposed inflascoping and bacabon righting, (4) the setback distance from the structures structures in the setback distance from the structures in the setback distance from the setback distances in the setback distances in the setback distance from the setback distances in the setback distance from the
described in Section 15-5.0201 of the Unified Development Ordinance.
Email or flash drive with all plans / submittal materials.
• Some requests may require CDA approval (PDD 18) or EDC approval (PDD 7) in which additional materials / copies may be required.
<ul> <li>Permits for construction are REQUIRED after approval. Contact Inspection Services (414-425-0084) for permit processes.</li> </ul>
SITE PLAN / SITE PLAN AMENDMENT APPLICATION MATERIALS
SITE PLAN / SITE PLAN AMENDMENT APPLICATION MATERIALS
SITE PLAN / SITE PLAN AMENDMENT APPLICATION MATERIALS  This application form accurately completed with signatures or authorization letters (see reverse side for more details). Application fee payable to the City of Franklin [select one of the following]
SITE PLAN / SITE PLAN AMENDMENT APPLICATION MATERIALS   This application form accurately completed with signatures or authorization letters (see reverse side for more details).  Application fee payable to the City of Franklin [select one of the following]  Tier 1: \$2000
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Department at (414) 425-9101, and Inspection Services at (414) 425-0084.



# 6489 S 27th St. • Franklin, WI 53132 (414)304-1024 • Fax: (414)304-3416

# April 1<sup>st</sup> 2025

**RE: Temporary Use Permit** 

# City of Franklin,

The location of our project for the temporary use permit will be located on the north side of our parking lot adjacent to the Garden center that is attached to the building. The proposed location is shown on the overhead map by use of blacked-out square, which is attached to this project narrative.

We will be fencing in an area approximately 40 feet by 160 feet. The fenced area will contain mulch, soil, straw, trees, and shrubs. There will be no structures built, and no cash registers operated int he proposed location. The hours of operation will be Monday – Saturday 6:00 am to 10:00 pm, and Sunday 8:00 am to 8:00 pm.

# Duration of Use will be April 28th – July 28th

Thank you

# Jennifer Beierle



Proud Sponsor

INTERNAL USE









CITY OF FRANKLIN

#### **REPORT TO THE PLAN COMMISSION**

#### Meeting of May 8, 2025

#### Fence Installation within Landscape Bufferyard Easement

**RECOMMENDATION:** City Development staff recommends <u>approval</u> of this request to allow for the installation of a fence within the 30-foot Landscape Bufferyard Easement upon Lot 6 in the Ryan Meadows Subdivision.

Project name:	Home Path Financia; – Fence Installation within Landscape Buffer Easement
<b>Property Owner:</b>	Home Path Financial
Applicant:	Ryan Scott Mahoney
Property Address/TKN:	9516 S. Bergamont / 891 1006 000
Aldermanic District:	District 6
Zoning District:	R-6 Suburban Single-Family Residence District
Staff Planner:	David Serna, Planning Intern

#### **Project Description/Analysis**

This request is to allow for a fence within the 30 foot "Landscape Bufferyard Easement" upon Lot 6 in the Ryan Meadows Subdivision. The Ryan Meadows Final Plat was approved by the Common Council on September 17<sup>th</sup>, 2019 by Resolution No. 2019-7547 and contains a 30 foot "Landscape Buffer Easement" for all lots abutting West Ryan Road. The property owner is proposing to install a fence and within this area and would like release of the plat restriction.

The applicant is proposing a 4-foot high black aluminum wrought iron installed up to the rear property line. This structure would encroach into the planting strip indicated on the plat.

Note that the Landscape Bufferyard Easement is located on platted lots 6 & 7. Staff acknowledges that the proposed fence would be visible from Ryan Road.

#### Site compliance

City Development staff visited the site on April 28th and didn't notice any site compliance issues with the subject lot.

#### **Staff Recommendation:**

<u>City Development staff recommends approval</u> of this request to allow for the installation of a fence within the 30-foot Landscape Bufferyard Easement upon Lot 6 in the Ryan Meadows Subdivision.

STATE OF WISCONSIN

CITY OF FRANKLIN

MILWAUKEE COUNTY [Draft 04-17-25]

#### RESOLUTION NO. 2025-\_\_\_\_

#### A RESOLUTION AUTHORIZING THE INSTALLATION OF A FENCE WITHIN THE 30 FOOT LANDSCAPE BUFFERYARD EASEMENT PLAT RESTRICTION, UPON LOT 6 OF THE RYAN MEADOWS SUBDIVISION (9516 S BERGAMONT DRIVE) (RYAN S MAHONEY & KATHY THOMAS, APPLICANTS)

WHEREAS, the Ryan Meadows Subdivision Plat prohibits the building of structures within the 30 foot "Landscape Bufferyard Easement" described thereon; and

WHEREAS, Ryan S. Mahoney and Kathy Thomas having applied for a release of the 30 foot Landscape Bufferyard Easement restriction upon their property to the extent necessary to install a fence up to the rear yard property line from the south line of the property which abuts West Ryan Road and within the restricted area upon the property located at 9516 S Bergamont Drive, such property being zoned R-6 Suburban Single-Family Residence District, bearing Tax Key No. 891-1006-000, is more particularly described as follows:

Lot 6 in RYAN MEADOWS, in NE1/4 Section 30, Town 5 North, Range 21 East, in the City of Franklin, Milwaukee County, Wisconsin; and

WHEREAS, the 30 foot Landscape Bufferyard Easement restriction upon the Final Plat for Ryan Meadows Pointe Subdivision and its accompanying restriction of the building of structures is a restriction which was imposed by the Franklin Common Council in its approval of the Final Plat; and

WHEREAS, Wis. Stats. § 236.293 provides in part that any restriction placed on platted land by covenant, grant of easement or in any other manner, which was required by a public body vests in the public body the right to enforce the restriction at law or in equity and that the restriction may be released or waived in writing by the public body having the right of enforcement; and

WHEREAS, the Common Council having considered the request for the release of the 30 foot Landscape Bufferyard Easement restriction only so as to allow for the subject fence installation, and having considered the proposed location of and type of fence to be installed upon the subject property in conjunction with existing and required landscaping on the property, and that the proposed fence will not be readily visible from the adjoining highway or create any adverse impact upon the aesthetic or buffering purposes of the landscape bufferyard. NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Common Council of the City of Franklin, Wisconsin, that the installation of proposed fence of the type and specifications as described and only upon the location as set forth within the plans accompanying the application of Ryan S. Mahoney & Kathy Thomas filed on March 12, 2025 be and the same is hereby authorized and approved and that the Landscape Bufferyard Easement restriction as it would otherwise apply to such installation upon the subject property only, is hereby waived and released.

BE IT FURTHER RESOLVED, that the applicant shall further obtain all required permit(s) for the installation of the subject fence and that the subject fence shall be installed pursuant to such permit(s) within one year of the date hereof, or all approvals granted hereunder shall be null and void.

BE IT FINALLY RESOLVED, that the City Clerk be and the same are hereby directed to obtain the recording of this Resolution with the Office of the Register of Deeds for Milwaukee County.

Introduced at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

Passed and adopted at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_



Date:	April 2, 2025
То:	Ryan Scott Mahoney
From:	Department of City Development. David Serna, Planning Intern.
RE:	Staff Comments, 9516 S. Bergamont Drive / 891 1006 000

Please be advised that city staff has reviewed the above application received on March 12, 2025, for a proposed miscellaneous application for the installation of a fence within a landscape easement on lot located at 9516 S. Bergamont Drive **/** 891 1006 000. The following comments are for your review and consideration.

#### **City Development Comments**

- This application is scheduled for the May 8<sup>th</sup> Plan Commission Meeting at 6:00 PM. If recommended for approval, final decision will be at the May 20<sup>th</sup> Common Council Meeting at 6:00 PM
- Please submit 14 copies of your application materials to the Department of City Development no later than Monday, April 28<sup>th</sup> at 4:30 PM.

#### **Engineering Department Comments**

The following comments must be resolved before the approval of the building permit.

- The fence is prohibited within the water main easement.
- The structure is prohibited within the landscape easement.
- The fence should not create a drainage nuisance.

Note:

It is the owner's responsibility to ensure there are no encroachments to any other easement that may exist within the property.

Call the digger's hotline before digging.

#### **Inspection Services**

Inspections shall be required as follows: "Location Inspection" (prior to installing fence), Final Inspection (after fence is installed).

## City of Franklin Department of City Development Planning & Zoning

Application Type: Miscellaneous

Routing date: 03/26/2025

Project name:	Home Path Financial, Miscellaneous
Property Owner:	Home Path Financial
Applicant:	Ryan Mahoney
Property Address/TKN:	9516 S. Bergamont Dr. / 891 1006 000
Aldermanic District:	District 6
Zoning District:	R-6 Suburban Single-Family Residence District
Staff Planner:	David Serna, Planning Intern
Submittal date:	3/12/2025
Application number:	PPZ25-0047

#### **Scope of Work:**

The applicant is seeking a request to allow for a fence within the 30 foot Landscape Buffer Easement upon Lot 6 of the Ryan Meadows Subdivision. The Ryan Meadows Subdivision Final Plat was approved by the Common Council on September 17<sup>th</sup>, 2019 by Resolution No. 2019-7547 and contains a "Landscape Easement" for all lots within the sub division. The property owner is proposing to install a 4' fence within this area. The proposed fence will be up to the lot line within the Landscape Buffer Easement in the rear yard.

# City of Franklin Property Viewer



#### 5/1/2025, 10:00:04 AM

Aldermanic District

Parcel



SEWRPC, Maxar, Microsoft

Legal description of property: address 9516 S. Bergamont Drive

Parcel #891-1006-000

LOT 6 IN

RYAN MEADOWS

in NE1/4 Section 30-5-21

CITY OF FRANKLIN MILWAUKEE COUNTY, WIS.

-for-Home Path Financial



Yutka Fence, Inc. 11880 12th St. Kenosha, WI 53144 (262) 859-3226

**BILL TO** Justin Jerabek 1 Oak Creek, WI 53154 USA

<b>ESTIMATE</b> 62075247	ESTIMATE DATE Feb 24, 2025

JOB ADDRESS

Job: 21729

Justin Jerabek 1 Oak Creek, WI 53154 USA

#### ESTIMATE DETAILS

Ryan Mahoney - 4' Imperial Verona Black Aluminum (Aluminum):

10% OFF - HOA - CREDIT CARD AND FINANCING PRICE: \$19,918.83

5% OFF ACH/CHECK REBATE PRICE: \$18,922.89

ACH/CHECK STARTING PROJECT PRICE: \$9,959.42

Installation of:

(465') 4' High Imperial Verona 3-Rail Flat Top Smooth Black Aluminum -36" Depth of Holes (Guaranteed) -Concrete -Order to Grade (1" to 3" Spacing under fence)

(2) 5' Wide, 4' High Walk Gate.-Self Closing-Order Gate to Grade (Bias)

Spoil-Dirt removal and disposal.

Homeowner Responsible for Acquiring Permit.

No utilities have been marked as of now; however, Yutka will take care of coordinating Diggers hotline before the layout meeting. There are currently no (0) utility digs included in the estimate. Depending on the markings, it may be necessary to relocate the fence, and this potential adjustment will be addressed during the official layout meeting.

50% Down payment at time of accepted offer, the balance due upon substantial completion of project.

This estimate is valid for 10 days.

For stock materials, pricing is not locked in until you accept your estimate online AND we receive your 50% deposit. For nonstock materials, pricing is not locked in until we order your materials after your layout meeting is complete.

Residential New Install Guarantee: 3 Years

Residential Gate Guarantee: 1 Year

Repair Guarantee: 1 Year

\*See contract terms for additional warranty information.

SERVICE	DESCRIPTION	QTY	PRICE	TOTAL
Installation	<b>Project Estimate</b> This amount represents the estimated total cost for your fence installation, covering materials, labor, and equipment.	1.00	\$22,132.03	\$22,132.03
	Unforeseen Situations:			
	<ul> <li>We understand that some things are beyond our control. If utility lines are located within 24 inches of the fence site, we'll work with you during the layout meeting to ensure a safe and convenient placement.</li> <li>We can't see what's below the ground. Our initial quote assumes smooth drilling through soil or clay. However, if you have rocky soil causing difficulties with augering in more than 3 holes, there may be an additional charge of up to \$60 per hole. To help us provide a more accurate estimate, please let us know in advance if your area has rocky soil, and we'll adjust our quote accordingly. We aim to make your project as smooth and worry-free as possible.</li> </ul>			
ManagersDiscount4	<u>10% Off Promotion!</u> Offer expires 30 days from estimate date.	22132.03	\$-0.10	\$-2,213.20
Check or ACH Rebate	►►► <u>YOUR REBATED PRICE: \$</u>	1.00	\$0.00	\$0.00
	Paying Made Simple with ACH/Check			
	<ul> <li>Payment Method: When you choose to pay via ACH (Automated Clearing House), the process becomes straightforward, requiring only your routing number and bank account number.</li> <li>Instant Rebate: Enjoy a 5% instant rebate on your balance when you make both the deposit and final payment using either a check or ACH.</li> <li>Payment Deadline: To qualify for the rebate, ensure that the final payment is received within 5 days from the invoice date.</li> <li>Mathematical Errors: Don't worry about mathematical</li> </ul>			

	errors affecting your final price. The rebate is calculated as 95% (0.95 times) of the Final Price, guaranteeing accuracy and fairness in the rebate process.			
Financing	<b>Financing Options</b> - Yutka Fence offers two financing options through Service Finance.	1.00	\$0.00	\$0.00
	<ul> <li>Deferred Interest Loans with Scheduled Monthly Payments</li> <li>Reduced Interest Loans for up to 120 months.</li> </ul>			
Yutka Alum Fence Description	Our Imperial Aluminum fence is designed for residential use and features the following specifications:	1.00	\$0.00	\$0.00
	<ul> <li>Pickets: The fence includes 5/8" pickets, providing an attractive and sleek appearance.</li> <li>Posts: Post dimensions for 4-foot-high fences are 2" x 2" with a wall thickness of .060.</li> <li>Post Construction: Posts are routed, allowing sections to fit securely inside them, maximizing the fence's strength and stability. Each post is concreted in a 3-foot deep hole with a diameter of 6 to 8 inches, ensuring it extends to the bottom of the hole to prevent sinking inside the concrete; posts are not floated in concrete.</li> <li>Bottom Rail: The standard configuration positions the bottom rail approximately 5 inches above the bottom of the fence pickets.</li> <li>Fasteners: All fasteners used in your fence are stainless steel, preventing rust and ensuring the fence's long-lasting beauty and integrity.</li> <li>Special Note (Siena Pool Style): If you have a Siena pool style, the bottom rail will be flush with the bottom of the pickets, meeting pool safety requirements.</li> </ul>			
Yutka Alum Wlk Gate Description	Your Imperial Aluminum walk gate will receive an upgrade with the following features:	1.00	\$0.00	\$0.00
	<ul> <li>Hinge Post: Upgraded to a 2" x 2" Heavy Duty hinge post with a wall thickness of .125 for enhanced strength and durability.</li> <li>Hinges: Equipped with black nylon hinges for a sleek and durable appearance.</li> <li>Latch: Includes a black stainless pad-lockable latch for added security and convenience.</li> </ul>			

3.83
0.00
3.83
2.22

Thank you very much for choosing Yutka Fence. We would appreciate any feedback on your experience. **CUSTOMER AUTHORIZATION** 

The summary [above] is furnished by Justin Jerabek as a good faith estimate of work to be performed at 1, Oak Creek, WI 53154 USA and is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems arise after the work has started. I understand that the final cost of the work may differ from the estimate, perhaps materially. THIS IS NOT A GUARANTEE OF THE FINAL PRICE OF WORK TO BE PERFORMED. I agree to the estimate and authorize Yutka Fence to perform the work as summarized and on these estimated terms, and I agree to pay the full amount for all work performed.

Sign here

Date

As our valued Customer, we want to be sure you have complete information about the installation of your fence. Our goal is to provide clear expectations regarding your project.

#### CHARGES & EXTRAS:

Utility Hand Digs: \$120/hole Non-Utility Hand Digs: \$35/hole Site Prep: \$300/hour Changes: Cost plus markup

UTILITIES: Yutka Fence will call Digger's Hotline (Wisconsin) and J.U.L.I.E. (Illinois) to mark public utilities including, but not limited to: electrical, water, sewer, gas, telephone, and cable locations. To comply with local utility company regulations, Yutka Fence cannot auger within 24" of public utility lines. There are some underground items that only the customer can identify. The public utility companies do not mark these, and Yutka Fence, Inc. is not responsible for damage to unmarked items. Prior to the installation, it is important that you use a bright colored spray paint to mark the ground for locations of including but not limited to: Private septic systems, sprinkler lines, water lines supplying a pool or other structure, private electric lines that supply power to lamp posts, walkway lighting, yard lighting, pools, detached garages or sheds, wells, French drains or tiles, downspouts, propane gas lines, electric dog fences, security systems, any related items, or any utility locations where your municipality does not provide marking services. If extra materials and labor are needed to avoid excavating near utilities, it will be charged at Seller's cost plus 100% for Seller's markup. Utility Hand Digs will be charged at \$120 per hole (holes within 18" of a utility line). To avoid charges, move the fence location at layout meeting.

SITE PREPARATION: To ensure proper installation of your fence, some trimming and clearing may be required. Yutka Fence, Inc. can provide these services, or you may choose to save these costs by doing this work yourself before installation. To provide room for a safe and quality installation, all brush, briars, trees, shrubs, tall grass, overgrowth, yard items, toys, landscaping items, pavers, etc. must be cleared to a distance of 2 feet on either side the installation line for your new fence and to a height of 6 ½ feet. The cost for the installation crew to trim and clear these materials is \$300.00 per hour. Yutka Fence cannot grind or remove tree roots and stumps or remove trees with a diameter of greater than 4 inches. Yutka Fence is not responsible for any damage to tree roots hit or exposed during digging. Removal and disposal of materials will be an additional charge. Yutka Fence retains the right to refuse the removal or handling of materials at their discretion.

CHANGES: Changes in the plans or specifications will be made upon written order prior to work being performed. Written changes shall be signed by Customer and shall set forth a description of the change, addition or deletion and the cost or credit. If a verbal change or extra is approved by the Customer and is performed prior to the parties reaching an agreed upon amount in writing, the change or extra shall be charged at Seller's cost plus 100% for Seller's markup. Any changes or extras shall extend the time to complete the construction. Any change, alteration or extra from the plans or specifications, including, but not limited to, erosion control measures or mandated dumpster use, which may be required by any public body or inspector or architectural control committee (or similar authority) or site conditions, which increases costs, shall constitute an extra and shall be paid by Customer and shall not require written approval from Customer as stated above. Customer agrees to pay Yutka Fence, Inc. all additional charges for additional work and materials, which may be required due to weather conditions. Delays in progress of the work due to customer indecision, changes in layout or materials, unprepared site, etc. will be charged at Seller's cost plus 100% markup. Changes that cannot be accommodated at the time of installation that require another day and trip will be charged a minimum of \$350.00. The final billing will be based on the actual footage of fencing built and the work performed. All charges and extras must be paid upon Yutka Fence, Inc. completing construction of the fence. Credit for materials not used will be subject to restocking fees and will not be given for materials that cannot be restocked.

**UNFORESEEN CIRCUMSTANCES**: In the event abnormal home improvement site conditions are encountered in conjunction with the services provided by Seller, Customer agrees to pay the cost of any additional work or materials. This does not constitute a change in plans and specifications as detailed in the Changes & Extras Provision. Customer agrees to pay for the additional costs caused by or resulting from site conditions, including, but not limited to, the following: abnormal soil and subsoil conditions, rocks, boulders, tree roots, removal of trees, providing fill or cutting to grade, trucking excess fill, excavation cave-in corrections, snow removal, and any related costs. Customer is also responsible for extra charges due to drilling into concrete slabs or other underground obstructions for which the existence was not foreclosed in writing on the contract. Any such extra costs shall be completed as set forth in the Changes & Extras Provision. Unless otherwise provided in this Contract, the Customer shall not be reimbursed for any excess ground removal from the site, nor shall Yutka Fence, Inc. be required to remove, store, or replace topsoil, sod, plants, or other surface objects. Yutka Fence, Inc. will not be held responsible for unknown or unforeseen subsoil conditions that could affect the quality of the fence or surrounding areas. Hard Digs beyond the capability of our machinery will be charged at Seller's cost plus 100% for Seller's markup including but not limited to: rental cost of the equipment needed, extra labor, fuel surcharges, and delivery fees. Yutka Fence will not credit or discount customer for costs associated with including but not limited to: delays due to weather or other acts of God, supplier error, equipment breakdowns, lost vacation time, scheduling conflicts, or any other circumstance that delays completion of the project.

FENCE LOCATION: The Customer is responsible for location of the fence. If you cannot find the property line markers, it is recommended that you have a survey performed to ensure your new fence does not encroach onto your neighbor's property, is in compliance with local ordinances, setbacks, easements or Home Owners Association restrictions. Yutka Fence, Inc. is not responsible for the costs associated with moving fences where the property lines have not been properly located prior to installation.

**BUILDING PERMITS**: As a general rule, most cities and/or counties require customers to obtain a fence permit for fence work. Unless otherwise stated in writing on the contract, it will be the Customer's responsibility to apply for and obtain any necessary fence permits at Customer's expense. Yutka Fence, Inc. may not order any materials or start any site work under a home improvement contract until all required state and local permits have been received. It is Customer's sole responsibility to comply with all required state and local regulations, including but not limited to, determining proper property boundary lines and property pins, prior to commencement of work. Yutka Fence, Inc. bears no responsibility for the property line locations.

**MISCELLANEOUS**: If any part of this Contract is found to be unenforceable, it shall not affect the enforceability of the remainder of this Contract. The failure of either party to enforce any term or condition of this Contract, shall not be deemed to constitute a waiver or any other breach of any right, claim, term or condition of this Contract. This Contract expresses all agreements between the parties concerning the subject matter hereof and supersedes all previous understandings relating thereto, whether oral or written, including proposals, draft plans and specifications, brochures and other information, and shall be binding upon and shall inure to the benefit of the heirs, administrators, executors, successors and of the parties hereto. This Agreement shall be governed by Wisconsin law, and the parties agree that any related litigation may be brought in Wisconsin state or Federal courts.

PAYMENT TERMS: 50% of the full project amount is due upon accepting the proposal. The remaining balance is due upon substantial completion of the project. Substantial completion is the point where the project becomes usable or the customer has the benefit of and only minor work, punch list items, or rework remains. Partial billing for materials needed and work completed may be sent at weekly intervals. Yutka Fence's Warranty is void if full payment has not been received within 30 days from the substantial completion date. A financing charge of 1% per month shall be applied for overdue amounts beginning on the substantial completion date for any balances not paid within 5 days.

A service fee of \$45 will be charged for any returned checks or incidents of insufficient funds for ACH charges.

All payment rebates are void if the balance is not paid in full within 5 days of the invoice date.

LIEN NOTICE: As required by the Wisconsin Agricultural, Trade & Consumer Protection Chapter 110, and Illinois Mechanics Lien Act - 770 ILCS 60/0.01 Yutka Fence, Inc. hereby notifies Customer that persons or companies furnishing labor or materials for the home improvement and fence work on Customer's land may have lien rights on Customer's land and buildings if not paid. Yutka Fence, Inc. shall retain a security interest in all material provided in home improvement contract until all invoices pertaining to the Contract are paid in full. Once Customer has satisfied his/her payment obligations, Customer is entitled to receive written lien waivers.

COMMERCIAL GUARANTEE: 1-Year from date of install

#### **REPAIR GUARANTEE:** 1-Year from date of install

**RESIDENTIAL NEW INSTALL GUARANTEE:** The Guarantee is void if the balance is not paid in full within 30 days of invoice. Where applicable, all material warrantees are covered per manufacturer specific regulation and registration requirements.

Yutka	Manufacturer Material Guarantee:	3-Year Labor:	1-Year Labor:
Residential	Limited Lifetime:	• Cedar	
Guarantee*	Ultra Aluminum	• PVC	Gates of all types
	Digger Specialties Aluminum	Aluminum	Repairs
	Digger Specialties Vinyl	Montage	
	Ameristar Montage	Chain Link	
	Limited 15-Year: Galvanized Chain Link		
	Limited 3-Year Cedar		
*Warra	nty Exclusions		
•	Alterations, deletions, or additions made by the Cust	comer	
•	Misuse or abuse causing damage to the fence, include	ling vandalism, vehicle damage, clim	bing, yard maintenance tools,
_	and items being hung on fence		
	Frost or ground water issues resulting in post upheaval		
	Normal expected weathering and settling of land or	concrete around the fence	
-	Normal expected wood discoloration, shrinkage, exp	ansion, bowing, checking, graving, k	nots, or decaying
•	Damage from acts of God, including damage caused	by wind, fallen trees, or other natur	al casualty
•	<ul> <li>Damage caused from water sealing or painting fence</li> </ul>		
-	<ul> <li>Repainting of the fence after repairs</li> </ul>		
-	Gate hardware damage from wind, misuse, or other	forces arising from Customer failing	to latch the gate
	Decay and damage caused by dirt and debris buildin	g up at base of fence or vines growir	ng on tence
•	Damage from grass trimmers, lawn mowers, sprinkle	ers	sonal injuny
	Surface defects in work and materials specified and	y, such as property damage and per	at the date of completion
	Contractual disputes	deepted in writing by the customer	at the date of completion

**CANCELLATION:** Cancellations outside of right to cancel period will be charged a minimum of \$350 for administrative performance of the contract plus any other materials or performance. PAYMENT TERMS: Full payment is due upon substantial completion of the project. Substantial completion is the point where the project becomes usable or the customer has the benefit of and only minor work, punch list items, or rework remains. Partial billing for materials delivered to the job site and work completed may be sent at weekly intervals.

## Project Narrative for Fence Installation on Landscape Easement

This project seeks approval for the installation of a fence within the landscape easement at 9516 S Bergamont Drive. The fence will be 4 feet tall and made of aluminum wrought iron, adhering to city and HOA regulations. Homeowner has a five-year-old child with special needs, and this request is to address the child's safety. More details on this below.

The fence will be installed by a licensed contractor. Contractor will enter only through homeowner's property, taking care to not present a drainage nuisance to adjoining properties, and will ensure that fence poles are outside of the water main easement.

Homeowner will maintain and landscape the easement area according to city standards.

#### Background on Homeowner's Child

Homeowner's child is a wonderful little boy who was diagnosed with moderate-severe autism two years ago. He has challenges controlling his impulses. One of those impulses is elopement, which is the tendency to wander or run away from a safe space without notice. Due to this elopement, a fence is necessary. For further details on his situation, please refer to the enclosed letter from his licensed behavioral specialist at Help Hope Solutions.

Homeowner's child also likes to mimic the actions of others around him, including parents and other adults. If the landscape buffer is outside of the fence, he will regularly see his parents on the other side of the fence when they are maintaining that area of the property. The concern is he would be motivated to find ways to go back behind the fence by himself. If he gets back there, he then has unfettered access to nearby hazards, including Ryan Road, Ryan Creek, and a nearby pond in the subdivision. But if the landscape buffer is inside the fence, his parents will not need to go behind the fence, and remove the temptation for their child to elope there. Therefore, this specific request to the city is for permission to build the fence around the landscape easement, in order to avoid and prevent any desire for the child to go behind the fence, thereby supporting his safety.



Proposed building field staked true size. Contractor to verify all dimensions before building by same and adhere to drainage plan in effect for this subdivision. Refer to a current title report for easements or restrictions which may affect the use of this site that are not shown on the recorded subdivision plat.

J.K.R. SURVEYING, INC. 8121 22ND AVENUE KENOSHA, WI 53143	address: 9516 S. Bergamont Drive	Plat
ا hereby certify this property surveyed unde direction and plat is a tru	that * Was Verify exact number with FMY City Engineering Department this e re-	RYA in NE1/4
SKE <sup>T</sup> presentation th	ereof. outside finish grade = EL 000.00 (advisory only) - top of founda- tion = EL 000.00 (advisory only) un- less otherwise determined in writ- ing by City Engineering Department	CITY MILWAUI
Reg. Land Su Fibruary 20, 2	rveyor 02 5	Home

Plat of Survey of LOT 6 IN RYAN MEADOWS

in NE1/4 Section 30-5-21

CITY OF FRANKLIN MILWAUKEE COUNTY, WIS.

-for-Home Path Financial





Plat of Survey of LOT 6 IN RYAN MEADOWS in NE1/4 Section 30–5–21 CITY OF FRANKLIN MILWAUKEE COUNTY, WIS.

-for-Home Path Financial lot area = 19,904 S. F.

Scale 1" = 30'

**APPLICATION DATE:** 

city use only

STAMP DATE:

Planning Department 9229 West Loomis Road Franklin, Wisconsin 53132 (414) 425-4024 franklinwi.gov

NAME:

COMPANY:

CITY/STATE:

EMAIL ADDRESS:

**PROPERTY OWNER:** 

MAILING ADDRESS:

CITY/STATE:

MAILING ADDRESS:



MISCELLANEOUS APPLICATION

PROJECT INFORMATION [print legibly] **APPLICANT [FULL LEGAL NÄMES]** APPLICANT IS REPRESENTED BY [CONTACT PERSON] NAME: Kathy Thomas, Agent, Home Path Financial **Ryan Scott Mahoney** COMPANY: Home Path Financial MAILING ADDRESS: 9516 S Bergamont Dr 5116 N. 126th Street ZIP: 53132 CITY/STATE: ZIP: Franklin, WI 53007 Butler, WI PHONE: 501-912-2479 PHONE: 262-771-0021 EMAIL ADDRESS: rmahoney7@gmail.com permitting@myhomepath.com **PROJECT PROPERTY INFORMATION PROPERTY ADDRESS:** TAX KEY NUMBER; 9516 S. Bergamont Drive 891-1006-000 PHONE: Home Path Financial 262-771-0021 (Kathy) EMAIL ADDRESS: 5116 N. 126th Street permitting@myhomepath.com office use only ZIP: DATE OF COMPLETION: 53007 Butler, WI **APPLICATION MATERIALS** The following materials must be submitted with this application form. \*Incomplete applications and submittals cannot be reviewed. □ This application form accurately filled out with signature or authorization letters (see below). S210 Application fee payable to the City of Franklin □ Word Document Legal description for the subject property. Three (3) Project Narratives I Other information as may be deemed appropriate for the request Email or flash drive with all plans/submittal materials. Submittal of Application for review is not a guarantee of approval. Plan Commission, Community Development Authority and/or Common Council review and approval may be required SIGNATURES

The applicant and property owner(s) hereby certify that: (1) all statements and other information submitted as part of this application are true and correct to the best of applicant's and property owner(s)' knowledge; (2) the applicant and property owner(s) has/have read and understand all information in this application; and (3) the applicant and property owner(s) agree that any approvals based on representations made by them in this Application and its submittal, and any subsequently issued building permits or other type of permits, may be revoked without notice if there is a breach of such representation(s) or any condition(s) of approval. By execution of this application, the property owner(s) authorize the City of Franklin and/or its agents to enter upon the subject property(ies) between the hours of 7:00 a.m. and 7:00 p.m. daily for the purpose of Inspection while the application is under review. The property owner(s) grant this authorization even if the property has been posted against trespassing pursuant to Wis. Stat. §943.13.

(The applicant's signature must be from a Managing Member if the business is an LLC, or from the President or Vice President if the business is a corporation. A signed applicant's authorization letter may be provided in lieu of the applicant's signature below, and a signed property owner's authorization letter may be provided in lieu of the property owner's signature[s] below. If more than one, all of the owners of the property must sign this Application)

🗆 I, the applicant, certify that I have read the above page detailing the requirements for Miscellaneous approval and submittals and understand that incomplete applications and submittals cannot be reviewed.

PROPERTY OWNER SIGNATURE: Kathy Thomas, Agent, Home	Path Financial	APPLICANT SIGNATURE:	
NAME & TITLE: Kathy Thomas, Permit Coordinator PROPERTY OWNER SIGNATURE:	DATE: 2/28/2025	NAME & THLE: Ryan Mahoney	DATE: 3/11/2025
NAME & TITLE:	DATE:	NAME & TITLE:	DATE:



Helping Our Clients Make Sense of the World



7800 Preston Rd., Suite 202 Plano, TX 75024 6101 Windcom Court, Suite 600 Plano, TX 75093 (972) 403-0100 (Prestor Location) (972) 378-6494 (Windcom Location) Fax: (972) 403-0133 (All Locations) info@helphopesolutions.com

#### 17 April 2025 RE: Full Perimeter Fence- Mahoney

#### To Whom it May Concern

I am writing to formally request permission for the installation of a full perimeter fence in the backyard of the Mahoney residence, due to urgent and ongoing safety concerns for their son and my client.

Ryan and April's son, and my client, is an individual diagnosed with Autism Spectrum Disorder (ASD) and exhibits elopement behaviors. Elopement is the tendency to wander or run away from a safe space without notice, is a well-documented safety risk associated with ASD. This behavior puts the individual at high risk of harm due to potential exposure to traffic, bodies of water, unfamiliar surroundings, and/or other hazards, which he has attempted and engaged in on multiple occasions.

A fully enclosed backyard would provide a secure, controlled environment where the individual can safely enjoy outdoor time and his backyard without the constant risk of elopement and ease the mind of Ryan and April. The current lack of a complete fence poses a daily safety concern, limiting the individual's opportunities for physical activity and outdoor engagement—both of which are important for his emotional and behavioral regulation.

I respectfully urge the city to consider this request as a critical safety accommodation for an individual with specific behavioral needs.

Thank you for your time and attention to this matter. Please feel free to contact me with any questions or to discuss further.

Sincerely,

Hayla Holloway

Kayla Holloway, M.A., BCBA, LBA Help Hope Solutions (972) 403-0100 <u>kayla@helphopesolutions.com</u>







CITY OF FRANKLIN

**REPORT TO THE PLAN COMMISSION** 

Meeting of May 8, 2025

#### SITE PLAN TIME EXTENSION

**RECOMMENDATION:** City Development staff does not object to extending the timeframe for the paving of the gravel parking lot.

Project Name:	Time extension for Croatian Park	
Property Owner:	Federation of Croatian Societies Inc.	
Applicant:	Federation of Croatian Societies Inc.	
Property Address/TKN:	9100-9140 & 9220 S. 76th Street / 884 9995 000 & 884 9996 000	
Aldermanic District:	District 1	
Zoning District:	P-1 Park District & C-1 Conservancy District	
Use of Surrounding Properties:	Milwaukee County owned land to the north and east, vacant land zoned R-8 to the south and single-family residential to the west	
Applicant's Action Requested:	Approval of the proposed Site Plan Amendment	
Staff Planner:	Nick Fuchs, Planning Associate	

On August 8, 2024, the Plan Commission conditionally approved a Site Plan Amendment, Resolution No. 2024-021, for the Croatian Park property to allow for the installation of a turf field, exterior lighting, fencing, parking, retaining wall, sun shades, and associated grading and storm water management modifications.

The approved plans for this project included the paving of the parking lot, which in accordance with the resolution and Section 15-7.0106 of the UDO must be completed or have a building permit issued within one year from the date of the adoption of the resolution.

§ 15-7.0106Limitations on Site Plan Approval and Expiration.

Except in the case of approved PDD Planned Development Districts, no site plan approval shall be valid for a period longer than one year unless a Building Permit is issued and construction is actually begun within that period and is thereafter diligently pursued to completion or unless a Zoning Compliance Permit, Special Use Permit, or Occupancy Permit is issued and a use commences within that period.

The applicant is requesting that the parking lot, which is currently gravel, not be required to be paved until June 31, 2028.

#### CITY OF FRANKLIN PLAN COMMISSION

MILWAUKEE COUNTY

#### RESOLUTION NO. 2025-\_\_\_\_

#### A RESOLUTION TO AMEND RESOLUTION NO. 2024-021, A RESOLUTION AMENDING THE SITE PLAN FOR PROPERTIES LOCATED AT 9100-9140 SOUTH 76TH STREET TO ALLOW FOR INSTALLATION OF A TURF FIELD, EXTERIOR LIGHTING, FENCING, PARKING, RETAINING WALL, SUN SHADES, AND ASSOCIATED GRADING AND STORM WATER MANAGEMENT MODIFICATIONS (TAX KEY NO. 884-9995-000) (CROATIAN EAGLES SOCCER CLUB, APPLICANT) (FEDERATION OF CROATIAN SOCIETIES INC., PROPERTY OWNER)

WHEREAS, the Plan Commission having adopted Resolution No. 2024-021, a Resolution amending the site plan for properties located at 9100-9140 South 76th Street to allow for installation of a turf field, exterior lighting, fencing, parking, retaining wall, sun shades, and associated grading and storm water management modifications (Tax Key No. 884-995-000) (Croatian Eagles Soccer Club, Applicant) (Federation of Croatian Societies Inc., Property Owner), on August 8, 2024; and

WHEREAS, Resolution No. 2024-021 provides at condition No. 3. "[t]he Croatian Eagles Soccer Club artificial turf soccer field and parking project shall be developed in substantial compliance with the plans City file-stamped July 29, 2024."; and

WHEREAS, Resolution No. 2024-021 requires that "the Croatian Eagles Soccer Club artificial turf soccer field and parking project as depicted upon the plans City file-stamped July 29, 2024 attached hereto and incorporated herein, shall be developed and constructed within one year from the date of adoption of this Resolution, or this Resolution and all rights and approvals granted hereunder shall be null and void, without any further action by the City of Franklin; and the Site Plan for the properties located at 9100-9140 South 76th Street, as previously approved, is amended accordingly."; and

WHEREAS, §15-7.0106 of the Unified Development Ordinance provides "[e]xcept in the case of approved PDD Planned Development Districts, no site plan approval shall be valid for a period longer than one year unless a Building Permit is issued and construction is actually begun within that period and is thereafter diligently pursued to completion or unless a Zoning Compliance Permit, Special Use Permit, or Occupancy Permit is issued and a use commences within that period"; and

WHEREAS, the Plan Commission having reviewed the subject Site Plan development with regard to the paving of the existing gravel parking lot, and the Plan Commission having determined it fair and reasonable to provide an extension of time for the paving of said parking lot under circumstances as expressed by the applicant in their letter dated April 28, 2025.

# AMEND CROATIAN EAGLES SOCCER CLUB – SITE PLAN RESOLUTION NO. 2024-021

RESOLUTION NO. 2025-\_\_\_\_ Page 2

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that Resolution No. 2024-021, a Resolution amending the site plan for properties located at 9100-9140 South 76th Street to allow for installation of a turf field, exterior lighting, fencing, parking, retaining wall, sun shades, and associated grading and storm water management modifications (Tax Key No. 884-995-000) (Croatian Eagles Soccer Club, Applicant) (Federation of Croatian Societies Inc., Property Owner), on August 8, 2024, to Extend the Time for the paving of the existing parking lot, as to the Be It Further Resolved provision, be and the same is hereby amended to require the paving of the existing gravel parking lot be completed no later than June 31, 2028.

BE IT FURTHER RESOLVED, that all terms and conditions of Resolution No. 2024-021, not specifically and expressly amended by or in direct conflict with this Resolution, shall remain in full force and effect.

Introduced at a regular meeting of the Plan Commission of the City of Franklin this \_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

Passed and adopted at a regular meeting of the Plan Commission of the City of Franklin this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2025.

APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_

## City of Franklin Property Viewer



5/1/2025, 8:32:53 AM

Parcel



April 28th, 2025

#### To the City of Franklin Planning Committee & Common Council:

The Federation of Croatian Societies (the Federation) has embarked on the largest capital project in its history at Croatian Park. We are moving ahead with completion of Phase One (The Pavilion) of the Croatian Park Pavilion Project. However, due to higher costs from supply shortages and delays our project costs have increased during the last 12 months.

As a result, while we continue to fundraise to finish all three phases of the project (The pavilion, bakery & additional restrooms), we do not have all the funds needed to complete the three phases in 2025.

Related to this, as a part of the final approval of our project, the City of Franklin required us to pave the West parking lot by June 2025 as part of the Pavilion Project to receive an occupancy permit.

While construction of Phase one will be completed by May 30th, 2025 we will not be able to complete the asphalt parking lot by then.

As a result, we are asking that the planning committee EXTEND the deadline on the requirement to pave the required parking lot(s) to June of 2028 (three-year extension).

With this extension, we will be able to have an occupancy permit for the Pavilion which will allow us to continue to earn rental income & fundraise to complete phase 2 & Phase 3 and with all three phases finished we will complete the asphalting for the required parking lot.

We ask that the planning committee approve this request and 1) allow for an occupancy permit for the Pavilion while 2) delaying the asphalt parking requirement until June of 2028.

We are excited to share our Pavilion Project with the entire Franklin Community and look forward to enhancing the amenities of the city with this project for years to come.

Sincerely Kuzmanovic

President – Federation of Croatian Societies

Federation of Croatian Societies, Inc P.O. Box 341548 Milwaukee, WI 53234-1548

#### RESOLUTION NO. 2024-021

#### A RESOLUTION AMENDING THE SITE PLAN FOR PROPERTIES LOCATED AT 9100-9140 SOUTH 76TH STREET TO ALLOW FOR INSTALLATION OF A TURF FIELD, EXTERIOR LIGHTING, FENCING, PARKING, RETAINING WALL, SUN SHADES, AND ASSOCIATED GRADING AND STORM WATER MANAGEMENT MODIFICATIONS (TAX KEY NO. 884-9995-000) (CROATIAN EAGLES SOCCER CLUB, APPLICANT) (FEDERATION OF CROATIAN SOCIETIES INC., PROPERTY OWNER)

WHEREAS, the Croatian Eagles Soccer Club having applied for an amendment to the Site Plan for the properties located at 9100-9140 South 76th Street, such Site Plan having been previously approved on June 9, 2005, by Resolution No. 2005-0080 and amended thereafter by Resolution No. 2010-003, on April 8, 2010, 2017-010, on August 3, 2017, 2021-012, on June 3, 2021, and 2024-004, on February 8, 2024; and

WHEREAS, such proposed amendment proposes the installation of a turf field, exterior lighting, fencing, parking, retaining wall, sun shades, and associated grading and storm water management modifications, and the Plan Commission having reviewed such proposal and having found same to be in compliance with and in furtherance of those express standards and purposes of a Site Plan review pursuant to Division 15-7.0100 of the Unified Development Ordinance.

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the Site Plan Amendment for Federation of Croatian Societies Inc., dated July 29, 2024, as submitted by Croatian Eagles Soccer Club, as described above, be and the same is hereby approved, subject to the following conditions:

- 1. Croatian Eagles Soccer Club, successors and assigns and any developer of the Croatian Eagles Soccer Club artificial turf soccer field and parking project shall pay to the City of Franklin the amount of all development compliance, inspection and review fees incurred by the City of Franklin, including fees of consults to the City of Franklin, for the Croatian Eagles Soccer Club artificial turf soccer field and parking project, within 30 days of invoice for same. Any violation of this provision shall be a violation of the Unified Development Ordinance, and subject to §15-9.0502 thereof and §1-19 of the Municipal Code, the general penalties and remedies provisions, as amended from time to time.
- 2. The approval granted hereunder is conditional upon the City of Franklin and the

Croatian Eagles Soccer Club artificial turf soccer field and parking project for the properties located at 9100-9140 South 76th Street: (i) being in compliance with all applicable governmental laws, statutes, rules, codes, orders and ordinances; and (ii) obtaining all other governmental approvals, permits, licenses and the like, required for and applicable to the project to be developed and as presented for this approval.

- 3. The Croatian Eagles Soccer Club artificial turf soccer field and parking project shall be developed in substantial compliance with the plans City file-stamped July 29, 2024.
- 4. The applicant shall provide necessary technical corrections to the site plan in accordance with Section 15-7.0103.
- 5. The parking lot shall include a minimum of three ADA accessible parking spaces as required by Table 15-5.0202(I)(1).
- 6. A Lighting Plan shall be submitted, for Planning Department review and approval, in compliance with Division 15-5.0400. The lights for the turf soccer field shall conform to the standards of Section 15-5.0403 of the Unified Development Ordinance.
- 7. Final approval of grading, erosion control, storm water management, and utilities, as may be applicable, shall be granted by the Engineering Department prior to any land disturbance activities.

BE IT FURTHER RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the Croatian Eagles Soccer Club artificial turf soccer field and parking project as depicted upon the plans City file-stamped July 29, 2024 attached hereto and incorporated herein, shall be developed and constructed within one year from the date of adoption of this Resolution, or this Resolution and all rights and approvals granted hereunder shall be null and void, without any further action by the City of Franklin; and the Site Plan for the properties located at 9100-9140 South 76th Street, as previously approved, is amended accordingly.

Introduced at a regular meeting of the Plan Commission of the City of Franklin this 8th day of August, 2024.

Passed and adopted at a regular meeting of the Plan Commission of the City of Franklin this 8th day of August, 2024.

#### CROATIAN EAGLES SOCCER CLUB - SITE PLAN AMENDMENT RESOLUTION NO. 2024-021 Page 3

APPROVED:

John R. Nelson, layor

ATTEST:

Shirley J. Roberts City Clerk

AYES 5 NOES 0 ABSENT 1 (City Engineer Glen Morrow)



CITY OF FRANKLIN



**REPORT TO THE PLAN COMMISSION** 

#### Meeting of May 8, 2025

#### **CMP** Amendment

**RECOMMENDATION:** Staff recommends approval of the applications for a Comprehensive Master Plan Amendment. Recommended Conditions of Approval are provided in the draft Resolution and Ordinance.

Project Name:	Franklin Public Schools CMP Amendment
Property Owner:	Franklin Public School District
Applicant:	City of Franklin
Property Address/Tax Key Number:	O W RYAN RD (896 9996 001)
Aldermanic District:	District 1
Agent:	n/a
Zoning District:	M-1 Limited Industrial District
	R-8 Multiple-Family Residence District
	C-1 Conservancy District
	FW Floodway District
	R-2 Estate Single-Family Residence District
Use of Surrounding Properties:	R-8 Multiple-Family Residence District (East)
	I-1 Institutional District (East and West)
	A-2 Prime Agricultural District (South)
	B-3 Community Business District (North)
	R-3 Suburban/Estate Single Family Residence District
	(North)
Application Request:	Comprehensive Master Plan Amendment
Staff Planner:	Marion Ecks, AICP

As part of the project to modernize the City's Unified Development Ordinance (UDO), the City proposes to update the UDO's Zoning Map. This property, which is owned by Franklin Public Schools, is a key parcel which is proposed to be rezoned as part of that work. In order to do so, the Future Land Use of the property must be updated to support the zoning.

#### **PROJECT ANALYSIS**

Before you is an application to redesignate the Future Land Use Map of the Comprehensive Master Plan to indicate that TKN 896 9996 001 shall be institutional. The City of Franklin 2025 Comprehensive Master Plan designates the properties to be rezoned as "Commercial and Business Park" with areas of "Natural Resources". The property immediately east of this one is already designated as Institutional, and will be part of a future development. Other properties immediately adjacent to these lands are designated as Business Park and Commercial. All areas include natural resource future land use. (See Locator Maps)

The Natural Resource designation is not intended to preclude development, but to note the presence and importance of natural resources on the property. The property may be developed according to the standards of adjoining Future Land Uses with consideration to UDO natural resource protection standards.

The property currently has "split lot" zoning in a mix of designations for industrial and residential zoning, including multifamily zoning. The lot will be rezoned to Institutional as part of the adoption of the updated Zoning Map. The property owner – Franklin Public Schools - has provided consent for this application by the Department of City Development.

#### **Future Development**

At this time, there are no other development applications under review for this site. The applicants must submit a request for use approval, and a Site Plan application for review of any future development. The Site Plan will have to comply with the terms of a use approval, and comply with the dimensional requirements of the Institutional zoning district. Subsequent phases will require separate approval.

#### **Recommendation**

All resolutions are drafted with a standard set of condition relating to development timelines and requirements, approvals from other jurisdictions and departments, etc. Staff is not recommending any additional conditions for this request, and recommends approval of the application for a Comprehensive Master Plan Amendment.












The quarry area has been identified as a Potential Development Area. However, it is anticipated that any development / redevelopment of this area will not occur until after cessation of the extraction activities (envisioned to occur after the time-frame of this plan). Such development / redevelopment is to occur in accord with such provisions as set forth in Ordinance No. 97-1456 as may be amended.

The information depicted on this map was compiled from a variety of sources, including photogrametric means. This map is not intended for use as a legal document; and official map documents, including certified survey maps, plats of survey, flood insurance studies, or other similar documents should be consulted when attempting to locate features on a site or property or when precise accuracy is required.



# **Future Land Use Map** 2025

Map 5.7

## Legend

# **Future Land Use** Areas of Natural Resource Features Business Park Commercial Communication and Utilities Industrial Institutional Landfill Light Manufacturing Mixed Use Office Recreational Residential Residential - Multi-Family Transportation Water Future Roads (SW Plan) Existing Trail Proposed Trail Milwaukee County Parkway

Notes:

The changes on this map reflect hand notes provided by Planning to GIS on 8/26/09. The changes were made to a copy of the 2005 Existing Land Use layer.

Disclaimer



GIS Department 9229 W. Loomis Rd. Franklin, WI 53132 www.franklinwi.gov

MILWAUKEE COUNTY

A RESOLUTION RECOMMENDING THE ADOPTION OF AN ORDINANCE TO AMEND THE CITY OF FRANKLIN 2025 COMPREHENSIVE MASTER PLAN TO CHANGE THE CITY OF FRANKLIN 2025 FUTURE LAND USE MAP FOR THE PROPERTY GENERALLY LOCATED ON THE SOUTH SIDE OF RYAN RD., ADDRESSED AS 0 W RYAN RD (TKN 896 9996 001), FROM COMMERCIAL, BUSINESS PARK AND AREAS OF NATURAL RESOURCE FEATURES USE TO INSTITUTIONAL AND AREAS OF NATURAL RESOURCE FEATURES (TOTALING APPROXIMATELY 67.327 ACRES) PURSUANT TO WIS. STAT. § 66.1001(4)(B)

WHEREAS, pursuant to Wis. Stat. §§ 62.23(2) and (3) and 66.1001(4), the City of Franklin is authorized to prepare and adopt and to amend a comprehensive plan as defined in Wis. Stat. §§ 66.1001(1)(a) and 66.1001(2); and

WHEREAS, pursuant to Wis. Stat. § 66.1001(4)(b), the Plan Commission may recommend the amendment of the Comprehensive Master Plan to the Common Council by adopting a resolution by a majority vote of the entire Commission, which vote shall be recorded in the official minutes of the Plan Commission; and

WHEREAS, the City of Franklin Department of City Development has applied for an amendment to the Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map designation for the property generally located on the south side of Ryan Rd., addressed as 0 W RYAN RD (TKN 896 9996 001), from Commercial, Business Park and Areas of Natural Resource Features Use to Institutional and Areas of Natural Resource Features; and more particularly described as follows:

Being part of the West 1/2 of the Northeast 1/4 of Section 28, Township 5 North, Range 21 East, City of Franklin, Milwaukee County, Wisconsin, described as follows:

Commencing at the North 1/4 corner of said Section 28, said point being the point of beginning (POB) of the parcel to be described; Thence N 88°32'48" E along the North line of the Northeast 1/4 of said Section 28, 441.25 feet; Thence S 00°29'31" E and parallel with the West line of said Northeast 1/4, 659.98 feet to the Southwest corner of Parcel 2 of Certified Survey Map No. 6113; Thence N 88°32'48" E along the South line of said Parcel 2, 886.07 feet to the East line of the West 1/2 of said Northeast 1/4; Thence S 00°22'22" E along said East line of the West 1/2 of Northeast 1/4, 1993.21 to the South line of said Northeast 1/4; Thence S 88°30'36" W along said South line of Northeast 1/4, 1323.19 feet to the Center 1/4 corner of said Section 28; Thence N 00°29'31" W along the West line of said Northeast 1/4, 2653.97 feet to the point of beginning.

### RESOLUTION NO. 2025-XXXX Page 2

Containing: 2,932,763 Sq. Feet (67.327 Acres); and

WHEREAS, the Plan Commission having determined that the proposed amendment, in form and content as presented to the Commission on May 8, 2025 is consistent with the Comprehensive Master Plan's goals, objectives and policies and in proper form and content for adoption by the Common Council as an amendment to the 2025 Comprehensive Master Plan, subject to such modifications the Common Council may consider reasonable and necessary, following public hearing, in order to protect and promote the health, safety and welfare of the City of Franklin.

NOW, THEREFORE, BE IT RESOLVED, by the Plan Commission of the City of Franklin, Wisconsin, that the application for and the proposed ordinance to amend the City of Franklin 2025 Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map designation for property located on the south side of Ryan Rd., addressed as 0 W RYAN RD (TKN 896 9996 001), from Commercial, Business Park and Areas of Natural Resource Features Use to institutional and Areas of Natural Resource Features, be and the same is hereby recommended for adoption and incorporation into the 2025 Comprehensive Master Plan by the Common Council.

Introduced at a regular meeting of the Plan Commission of the City of Franklin this 8th day of May, 2025.

Passed and adopted at a regular meeting of the Plan Commission of the City of Franklin this 8th day of May, 2025.

APPROVED:

John R. Nelson, Chairman

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_NOES \_\_\_\_ABSENT \_\_\_\_

AN ORDINANCE TO AMEND THE CITY OF FRANKLIN 2025 COMPREHENSIVE MASTER PLAN TO CHANGE THE CITY OF FRANKLIN 2025 FUTURE LAND USE MAP FOR THE PROPERTY GENERALLY LOCATED ON THE SOUTH SIDE OF RYAN RD., ADDRESSED AS 0 W RYAN RD (TKN 896 9996 001), FROM COMMERCIAL, BUSINESS PARK AND AREAS OF NATURAL RESOURCE FEATURES USE TO INSTITUTIONAL AND AREAS OF NATURAL RESOURCE FEATURES (TOTALING APPROXIMATELY 67.327 ACRES) (CITY OF FRANKLIN DEPARTMENT OF CITY DEVELOPMENT, APPLICANT) (FRANKLIN PUBLIC SCHOOLS, PROPERTY OWNERS)

WHEREAS, pursuant to Wis. Stat. §§ 62.23(2) and (3) and 66.1001(4), the City of Franklin is authorized to prepare and adopt and to amend a comprehensive plan as defined in Wis. Stat. §§ 66.1001(1)(a) and 66.1001(2); and

WHEREAS, the City of Franklin Department of City Development has applied for an amendment to the Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map designation for the property generally located on the south side of Ryan Rd., addressed as 0 W RYAN RD (TKN 896 9996 001), from Commercial, Business Park and Areas of Natural Resource Features Use to institutional and Areas of Natural Resource Features; and

WHEREAS, the Plan Commission of the City of Franklin by a majority vote of the entire Commission on May 8, 2025 recorded in its official minutes, has adopted a resolution recommending to the Common Council the adoption of the Ordinance to Amend the City of Franklin 2025 Comprehensive Master Plan to change the City of Franklin 2025 Future Land Use Map for the property generally located on the south side of Ryan Rd., addressed as 0 W RYAN RD (TKN 896 9996 001), from Commercial, Business Park and Areas of Natural Resource Features Use to institutional and Areas of Natural Resource Features; and

NOW, THEREFORE, the Mayor and Common Council of the City of Franklin, Wisconsin, do ordain as follows:

SECTION 1: The City of Franklin 2025 Comprehensive Master Plan is hereby amended to change the City of Franklin 2025 Future Land Use Map designation for the property generally located on the south side of Ryan Rd., addressed as 0 W RYAN RD (TKN 896 9996 001), from Commercial, Business Park and Areas of Natural Resource Features Use to institutional and Areas of Natural Resource Features ORDINANCE NO. 2025-XXXX Page 2

Such property is more particularly described within Resolution No. 2025- \_\_\_\_\_ of even-date herewith.

- SECTION 2: The terms and provisions of this ordinance are severable. Should any term or provision of this ordinance be found to be invalid by a court of competent jurisdiction, the remaining terms and provisions shall remain in full force and effect.
- SECTION 3: All ordinances and parts of ordinances in contravention to this ordinance are hereby repealed.
- SECTION 4: This ordinance shall take effect and be in force from and after its passage and publication.

Introduced at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_ day of \_\_\_\_\_\_, 2025, by Alderman \_\_\_\_\_.

Passed and adopted by a majority vote of the members-elect of the Common Council at a regular meeting of the Common Council of the City of Franklin this \_\_\_\_\_ day of \_\_\_\_\_, 2025.

#### APPROVED:

John R. Nelson, Mayor

ATTEST:

Shirley J. Roberts, City Clerk

AYES \_\_\_\_\_ NOES \_\_\_\_\_ ABSENT \_\_\_\_\_



#### Map 5.7: Future Land Use Map 2025