

Minnesota Wetland Conservation Act

Notice of Decision

Item 7F.
BCWMC 7-18-19

Local Government Unit (LGU) City of Plymouth	Address 3400 Plymouth Blvd. Plymouth, MN, 55447
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1. PROJECT INFORMATION

Applicant Name Timbers Edge Development LLC c/o Mike Bergeron	Project Name Timbers Edge Development	Date of Application 2/22/2019	Application Number
<input checked="" type="checkbox"/> Attach site locator map.			

Type of Decision:

<input type="checkbox"/> Wetland Boundary or Type	<input type="checkbox"/> No-Loss	<input type="checkbox"/> Exemption	<input type="checkbox"/> Sequencing
<input checked="" type="checkbox"/> Replacement Plan	<input type="checkbox"/> Banking Plan		

Technical Evaluation Panel Findings and Recommendation (if any):

<input type="checkbox"/> Approve	<input type="checkbox"/> Approve with conditions	<input type="checkbox"/> Deny
Summary (or attach): 		

2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: 4/29/2019		
<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Approved with conditions (include below)	<input type="checkbox"/> Denied

LGU Findings and Conclusions (attach additional sheets as necessary):

The proposed Timbers Edge Residential Development is a 17.5 acre site located in the SW ¼ of Section 8, T118N, R22W in Plymouth, MN. The proposed development consists of 40 single family home sites and associated infrastructure such as roads and utilities.

This project proposes to impact Wetland 1 as indicated on the attached Wetland Permit Application. The total impacts are proposed to be 0.1741 acres or 7,582 square feet. Wetland mitigation is proposed at a 2:1 ratio as a purchase of 0.3482 acres of wetland bank credits from wetland bank #1444, Carver County, major watershed 20, bank service area 7.

This Notice of Decision was not acted upon by the City and as such was approved on 4/29/2019 under Minnesota Statute 15.99.

For Replacement Plans using credits from the State Wetland Bank:


Bank Account # 1444	Bank Service Area 7	County Carver	Credits Approved for Withdrawal (sq. ft. or nearest .01 acre) 0.3482 acres
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Replacement Plan Approval Conditions. In addition to any conditions specified by the LGU, the approval of a Wetland Replacement Plan is conditional upon the following:

- Financial Assurance:** For project-specific replacement that is not in-advance, a financial assurance specified by the LGU must be submitted to the LGU in accordance with MN Rule 8420.0522, Subp. 9 (List amount and type in LGU Findings).
- Deed Recording:** For project-specific replacement, evidence must be provided to the LGU that the BWSR "Declaration of Restrictions and Covenants" and "Consent to Replacement Wetland" forms have been filed with the county recorder's office in which the replacement wetland is located.
- Credit Withdrawal:** For replacement consisting of wetland bank credits, confirmation that BWSR has withdrawn the credits from the state wetland bank as specified in the approved replacement plan.

Wetlands may not be impacted until all applicable conditions have been met!

LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.		
Name Michael Thompson	Title Public Works Director	
Signature 	Date 6/13/2019	Phone Number and E-mail 763-509-5001 mthompson@plymouthmn.gov

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT. Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.

Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

3. APPEAL OF THIS DECISION

Pursuant to MN Rule 8420.0905, any appeal of this decision can only be commenced by mailing a petition for appeal, including applicable fee, within thirty (30) calendar days of the date of the mailing of this Notice to the following as indicated:

Check one:

<input type="checkbox"/> Appeal of an LGU staff decision. Send petition and \$ _____ fee (if applicable) to:	<input checked="" type="checkbox"/> Appeal of LGU governing body decision. Send petition and \$500 filing fee to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155
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4. LIST OF ADDRESSEES

- SWCD TEP member: Ms. Stacey Lijewski, HCD, 701 Fourth Avenue South, Suite 700, Minneapolis, MN, 55415-1600 (sent electronically)
- BWSR TEP member: Ben Meyer, BWSR, 520 Lafayette Road North, St. Paul, MN, 55401-1397 (sent electronically)
- LGU TEP member (if different than LGU Contact): Ben Scharenbroich, City of Plymouth, 3400 Plymouth Blvd, Plymouth MN 55447
Chris LaBounty, City of Plymouth, 3400 Plymouth Blvd, Plymouth MN 55447
- DNR TEP member:
- DNR Regional Office (if different than DNR TEP member)
Jason Spiegel, Area Hydrologist, MN DNR, 1200 Warner Road, St. Paul, MN, 55106 (sent electronically)
- WD or WMO (if applicable):
ECWMC, c/o Judie Anderson, 3235 Fernbrook Lane N, Plymouth, MN, 55447 (sent electronically)
BCWMC, c/o Laura Jester, 16145 Hillcrest Lane, Eden Prairie, MN 55346 (sent electronically)
- Applicant (notice only) and Landowner (if different):
Mike Bergeron, Timbers Edge Development LLC, 2605 Campus Drive, Plymouth, MN, 55446 (sent electronically)
Hollydale Land LLC, 4710 Holly Lane N, Plymouth, MN, 55446
- Members of the public who requested notice (notice only):
Melissa Barrett, Kjolhaug Environmental Services, 2500 Shadywood Road, Suite 130, Orono, MN, 55331 (sent electronically)
- Corps of Engineers Project Manager (notice only): Eric White, Army Corps of Engineers, 180 5th Street East, Suite 700, St. Paul, MN, 55101-1678 (sent electronically)
- BWSR Wetland Bank Coordinator (wetland bank plan applications only)

5. MAILING INFORMATION

- For a list of BWSR TEP representatives: www.bwsr.state.mn.us/aboutbwsr/workareas/WCA_areas.pdf
- For a list of DNR TEP representatives: www.bwsr.state.mn.us/wetlands/wca/DNR_TEP_contacts.pdf
- Department of Natural Resources Regional Offices:

<u>NW Region:</u>	<u>NE Region:</u>	<u>Central Region:</u>	<u>Southern Region:</u>
Reg. Env. Assess. Ecol. Div. Ecol. Resources 2115 Birchmont Beach Rd. NE Bemidji, MN 56601	Reg. Env. Assess. Ecol. Div. Ecol. Resources 1201 E. Hwy. 2 Grand Rapids, MN 55744	Reg. Env. Assess. Ecol. Div. Ecol. Resources 1200 Warner Road St. Paul, MN 55106	Reg. Env. Assess. Ecol. Div. Ecol. Resources 261 Hwy. 15 South New Ulm, MN 56073

For a map of DNR Administrative Regions, see: http://files.dnr.state.mn.us/aboutdnr/dnr_regions.pdf

- For a list of Corps of Project Managers: www.mvp.usace.army.mil/regulatory/default.asp?pageid=687
or send to:

US Army Corps of Engineers
St. Paul District, ATTN: OP-R
180 Fifth St. East, Suite 700
St. Paul, MN 55101-1678

- For Wetland Bank Plan applications, also send a copy of the application to:
Minnesota Board of Water and Soil Resources
Wetland Bank Coordinator
520 Lafayette Road North
St. Paul, MN 55155

6. ATTACHMENTS

In addition to the site locator map, list any other attachments:

- Timbers Edge Wetland Permit Application
- Transaction Form to Withdraw Credits from Minnesota Wetland Bank Program

Timbers Edge

Plymouth, Hennepin County, Minnesota

Wetland Permit Application

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- C. Timbers Edge Project Plan
- D. Wetland Credit Correspondence
- E. IPaC Report & NLEB Information

Timber's Edge

Plymouth, Hennepin County, Minnesota

Wetland Permit Application

I. INTRODUCTION/SUMMARY

Timber's Edge Development LLC is proposing to develop the 17.5-acre parcel in the northwestern portion of the City of Plymouth (**Figure 1**) to a 40-lot single-family development with associated roadways, trails, stormwater treatment features.

Construction of the proposed housing development will require a total of 7,582 square feet (sf) (0.1741-acre) of fill in one Type 4 (PUBGx) shallow marsh wetland. Permanent wetland impacts are proposed for replacement through the purchase of 0.3482 acres of Standard Wetland Credit (SWC) from the Montgomery Wetland Bank (#1444) in Carver County.

The following narrative describes site conditions, the proposed project, wetland sequencing, and the wetland replacement plan. Figures and appendices referenced are attached. The Joint Application Form for Activities Affecting Water Resources in Minnesota is included as **Appendix A**.

II. SITE DESCRIPTION

2.1 Project Location, Surrounding Land Use, Site Description

The site was located in Section 8, Township 118 North, Range 22 West, City of Plymouth, Hennepin County, Minnesota. The site was situated west of Holly Lane North and to the east of Merrimac Court North (**Figure 1**). The property corresponded to Hennepin County PID#: 08-118-22-32-0004.

The site consisted of woodland dominated by sugar maple, basswood, green ash, and red oak trees with an understory of common buckthorn shrubs, dwarf clearweed, and green ash seedlings. Topography was highest on the southern half of the site, which sloped downhill to the north (**Figure 2**). The property was surrounded by on the north by a railroad line, on the west by Hollydale Golf Course, and to the south and west by single-family residential homes.

2.2 Wetland Delineation

Anderson Engineering (AE) delineated three wetlands on the property in July 2015. The Wetland Delineation Report was submitted to the City of Plymouth and the U.S. Army Corps of Engineers (USACE) in July 2015. A Notice of Decision from the City of Plymouth (dated 9/2/2015) and an USACE acknowledgement letter are included in **Appendix B**. The submitted Wetland Delineation Report included the National Wetlands Inventory (NWI) map, the

Minnesota DNR Public Waters Inventory map and Soil Survey mapping. Copies are available upon request. Delineated wetlands are summarized in **Table 1** below and illustrated in **Figure 2**.

Table 1. Delineated Wetlands on the Timber's Edge site.

Wetland ID	Circular 39 Type	Cowardin Class	Eggers and Reed Wetland Classification	Size (acres)	Dominant Vegetation
1	4	PUBGx	Shallow Marsh*	0.17	Common duckweed, reed canary grass, hop sedge
2	90*	RUBG	Riverine	0.20	Clearweed, common buckthorn
3	1	PEM1A	Seasonally Flooded Basin	0.03	Rice cutgrass, pinkweed

(*) – Wetland types and classifications per Anderson Delineation Report (Deziel Woods 2015)

III. PROPOSED PROJECT

3.1 Project Purpose and Need

The purpose of the Timber's Edge project is to provide a 40-lot single-family home development in the City of Plymouth to meet the City's increased housing needs.

3.2 Proposed Project Description and Schedule

The proposed Timber's Edge project will develop the property into 40 single-family lots with associated infrastructure. A single entrance to the site will be located off Holly Lane North (Appendix C). A walking trail will be constructed in the western portion of the site to connect the Timber's Edge property to the development to the south. Storm sewers will route runoff from roadways to a stormwater pond located in the central portion of the property. Project construction is expected to start in the spring of 2019 and be completed by the fall of 2020.

IV. SEQUENCING DISCUSSION

4.1 Project Goals and Requirements

The goals of the Timber's Edge project are to:

1. fulfill the project purpose and need as described above;
2. minimize direct and indirect impacts to wetlands;
3. replace unavoidable wetland impacts with compensatory mitigation that has wetland functions equal to or exceeding those of the impacted wetland.

4.2 Wetland Avoidance Alternatives

The following discussion addresses wetland avoidance in compliance with Wetland Conservation Act (WCA) and Section 404 of the Clean Water Act requirements. Specifically, the sequencing discussion includes a summary of alternatives considered and design elements used to minimize wetland impacts. In compliance with WCA and 404 requirements, alternatives were evaluated in an attempt to avoid all wetland impacts.

The ***No-Build Alternative*** was considered first as a way to eliminate all wetland impacts associated with the project. Although the no-build alternative would allow for the avoidance of all wetland impacts, it would not meet the project purpose, needs, goals, or requirements as previously described. ***For these reasons, the no-build alternative was rejected as an approach to avoiding wetland impacts.***

A ***Total Avoidance Alternative*** that eliminated wetland impacts was also considered. This alternative would require removing 3 lots and alterations to the grades near Wetland 1 (**Figure 3**). Grading would be shifted to the north to avoid Wetland 1. No grading or fill would occur within Wetland 1.

A drainage intake structure is proposed to be installed to the south of Wetland 1 to collect runoff from the southwestern portion of the site. This location was selected as it is the lowest area post development. The structure would be installed at an elevation of 1005.0-ft msl approximately 2 feet below the elevation of Wetland 1. Since the intake structure will be installed at a lower elevation, it would remove hydrology from the contributing watershed and causing adverse secondary impacts to Wetland 1.

For these reasons, the total wetland avoidance plan was rejected as an approach to avoiding all wetland impacts.

4.3 Onsite Wetland Impact Avoidance and Minimization

To minimize impacts to Wetland 1, the applicant could revise grading limits to reduce impacts to Wetland 1. This minimization plan would reduce wetland impacts and retain 0.0691 acres of the wetland. Installation of a retaining wall would allow for the construction of the three lots located to the north of Wetland 1 (**Figure 4**). However, the drainage intake would still be required at the south of the remaining wetlands and would still cause adverse secondary impacts to Wetland 1. For this reason, minimization would not be feasible for impacts to Wetland 1.

4.4 Wetland Impact Rectification

Temporary wetland impacts are not proposed and therefore wetland impact rectification does not apply.

4.5 Wetland Impact Reduction or Elimination Over Time

Wetland buffers surrounding Wetlands 2 and 3 will be protected in accordance with the City of Plymouth requirements, which will prevent secondary impacts over time.

4.6 Proposed Plan

The proposed plan is included in **Appendix C**. As proposed, the project will require a total of 7,582 sf (0.1741-acre) of fill in one Type 4 (PUBGx) shallow marsh wetland (**Table 2, Figure 5**). The proposed plan meets the project purpose, need, goals, and requirements as described previously. The proposed project represents an orderly and logical use of the subject property, and is compatible with applicable land use and planning efforts by the City of Plymouth.

Table 2. Wetland Impacts associated with the Timber's Edge project.

Wetland Impact ID	Wetland Type	Impact Amount (sf)	Impact Amount (acres)
Wetland 1	Type 4	7,582	0.1741

V. WETLAND REPLACEMENT PLAN

Minnesota Rules Part 8420.0117 Subp. 1, indicates that Hennepin County is in an area with less than 50 percent of pre-settlement wetlands remaining. Minnesota Rules Part 8420.0522, Subp. 4, states that the minimum replacement ratio for impact to wetlands in a less than 50 percent area is 2:1. Wetland impacts and required replacement are summarized in **Table 3** on the following page and are illustrated in **Figure 5**.

The Timber's Edge site is located within Major Watershed 20 (Mississippi River – Twin Cities) and Wetland Bank Service Area 7. Under current interim rules, the priority order for replacement is as follows:

1. Onsite or in the same minor watershed as the impacted wetland;
2. In the same watershed as the impacted wetland; or
3. in the same county or wetland bank service area as the impacted wetland; and
4. in another wetland bank service area.

The applicant proposes to purchase 0.3482-acres of USACE certified Standard Wetland Credits (SWC) from the Montgomery Wetland Bank located in Watershed 20, Bank Service Area 7, Carver Count. An email correspondence indicating availability of replacement credits from the Montgomery Bank is provided in (**Appendix D**).

Table 3. Proposed Credit Withdrawal – Timber's Edge Project

Bank Account	County, BSA	Wetland Subgroup	Wetland Type	Credit Amount (ac)	Compliance
1444	Carver	B	Shallow Marsh	0.3482	Replacement for WCA and USACE regulated impacts to WL 1
Total				0.3482	

VI. RARE & ENDANGERED SPECIES CONSIDERATIONS

MN Rare Species and Native Plant Community Considerations

Minnesota Rules Part 8420.0515 specifies that endangered and threatened species must be considered when submitting a wetland replacement plan. KES queried a licensed copy of the Natural Heritage Inventory System (NHIS) to assess whether locations of Minnesota rare plant and animal species are known to occur within a 1-mile radius of the project area.

The NHIS review did not show any state listed endangered or threatened species within 1-mile of the Timber's Edge site.

Federal Endangered Species Considerations

Federal wetland rules require that endangered and threatened species be considered in wetland permitting. Approval of wetland impacts under Section 404 of the Federal Clean Water Act must comply with Section 7 of the Endangered Species Act.

KES conducted an IPaC Information search for the Timber's Edge project, which showed the northern long-eared bat (NLEB) and rusty patch bumble bee (RPBB) are the species of concern for this review (**Appendix E**).

The NLEB hibernates in caves during winter and establishes maternity roosting colonies under the loose bark of trees during the summer.

The majority of the site consisted of woodland dominated by a canopy red oak, sugar maple, and basswood trees with an understory of ironwood trees, common buckthorn shrubs, and sugar maple and basswood saplings.

Development of the project will require the removal of most of the trees onsite. No trees will be removed from wetland areas. Based on the tree species present and the fact that there are no known NLEB hibernacula or roosting colonies in or near the project area vicinity (**Appendix E**), ***negative effects to the NLEB or its habitat are not expected.***

The RPBB range map showed the Timber's Edge site was located within a high potential zone (**Figure 7**). Even though the map shows a high potential for the RPBB, the site is predominantly dominated by woodland, wetland, and an asphalt parking lot and lacks native prairie or wildflower plantings or remnants. The project is not expected to affect the RPBB because the site

lacks the suitable bumble bee habitat that provides nectar and pollen from flowers. Based on these observations, *negative effects to the RPBB or its habitat are not expected.*

VII. APPROVALS REQUESTED

We are requesting approval from the US Army Corps of Engineers under Section 404 of the Clean Water Act and the LGU under the Minnesota Wetland Conservation Act for the proposed activity and the Wetland Replacement Plan contained herein.

Timber's Edge

Wetland Permit Application

FIGURES

1. Site Location
2. Existing Conditions
3. Wetland Avoidance Alternative
4. Wetland Minimization Alternative
5. Proposed Wetland Impacts
6. Proposed Tree Removal
7. Rusty Patch Bumble Bee Range Map

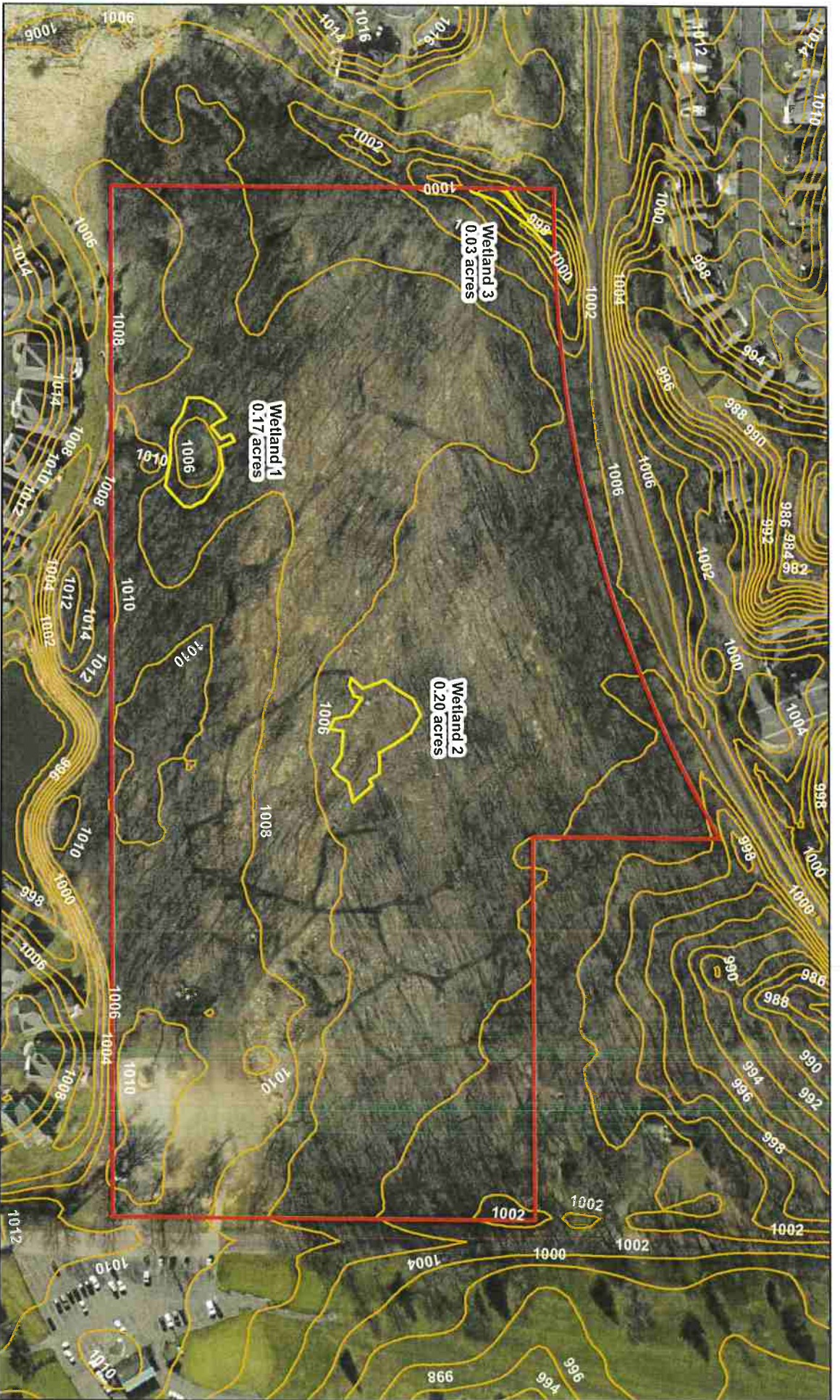
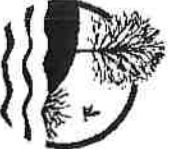


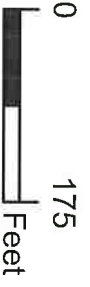
Figure 2 - Existing Conditions



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ENVIRONMENTAL SERVICES COMPANY

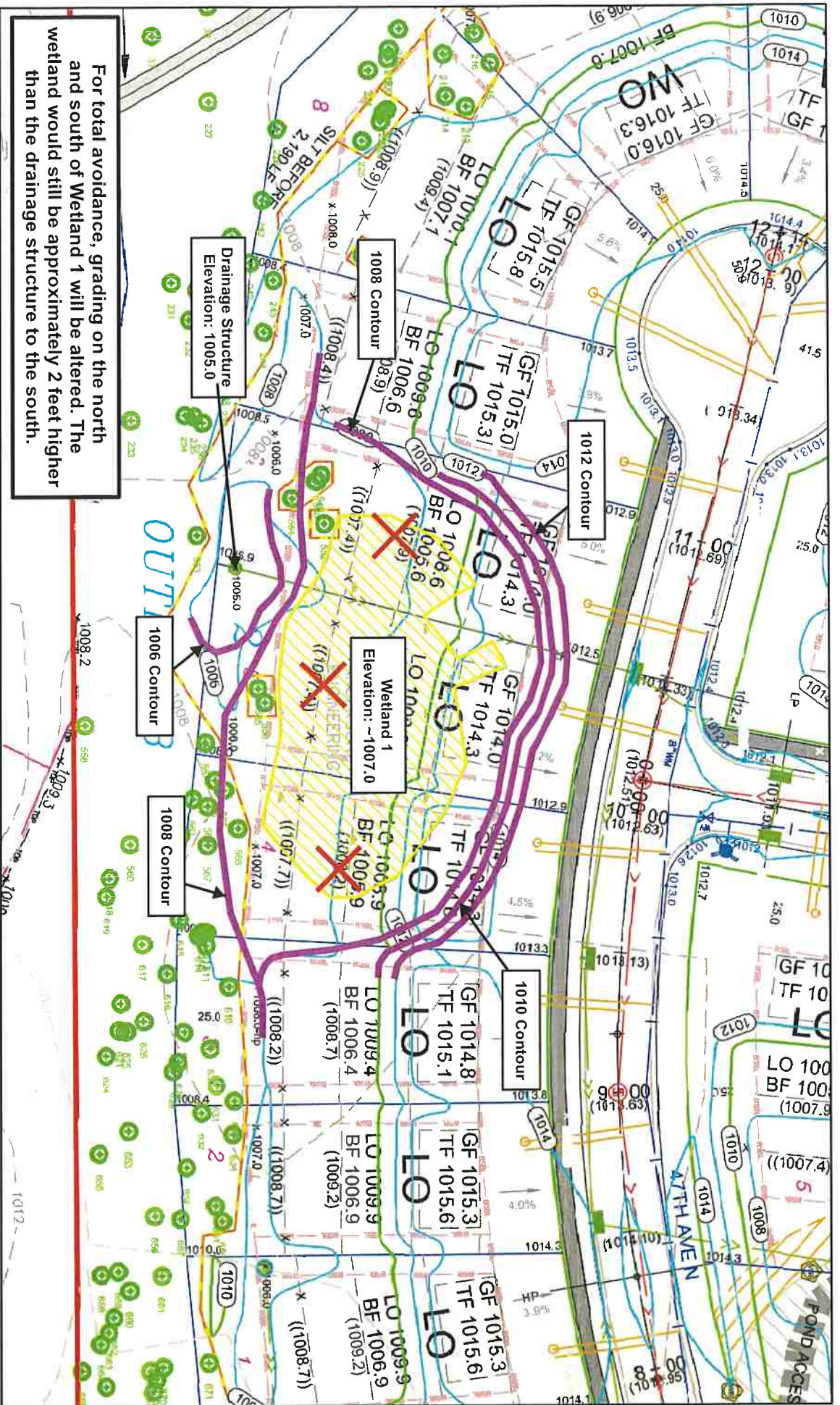
Source: MINGEO Spatial Commons



- Project Boundary
- Wetland Boundary
- 2ft Lidar Contour

**Timbers Edge (KES 2019-016)
Plymouth, Minnesota**

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



For total avoidance, grading on the north and south of Wetland 1 will be altered. The wetland would still be approximately 2 feet higher than the drainage structure to the south.

Figure 3 - Wetland Avoidance Alternative




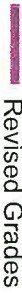


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ENVIRONMENTAL SERVICES COMPANY

Source: MNGEO Spatial Commons



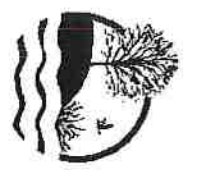
-  Project Boundary
-  Wetland Boundary
-  Lost Lot
-  Revised Grades

Timbers Edge (KES 2019-016)
Plymouth, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.



Figure 4 - Wetland Minimization Alternative



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 Source: MINGEO Spatial Commons



- Retaining Wall
- Project Boundary
- Wetland Boundary
- Minimization Fill

Timbers Edge (KES 2019-016)
Plymouth, Minnesota

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

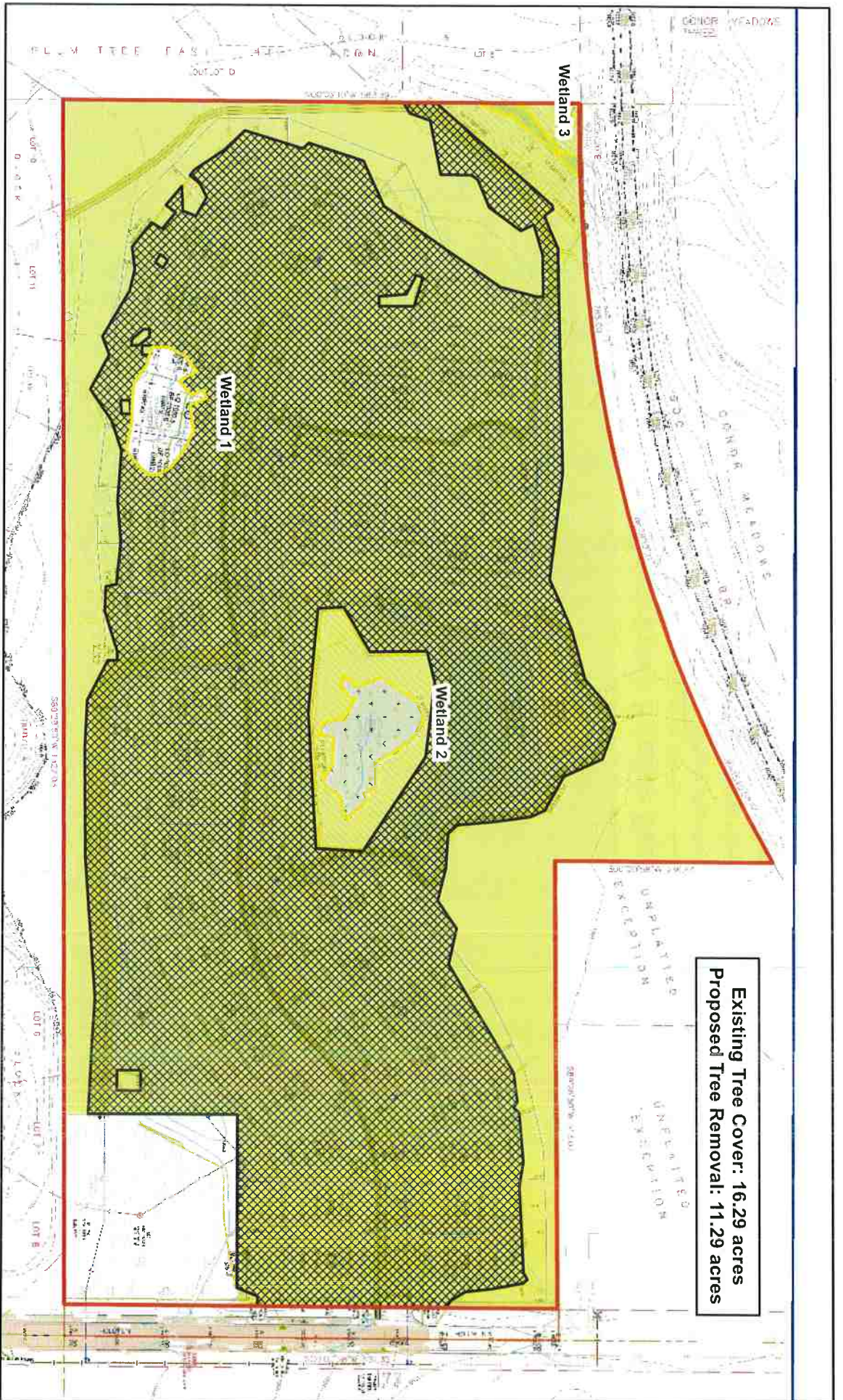
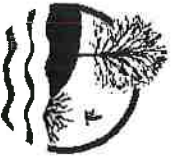




Figure 6 - Proposed Tree Removal



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Source: MINGEO Spatial Commons



-  Project Boundary
-  Wetland Boundary
-  Proposed Tree Removal
-  Tree Cover

**Timbers Edge (KES 2019-016)
Plymouth, Minnesota**

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

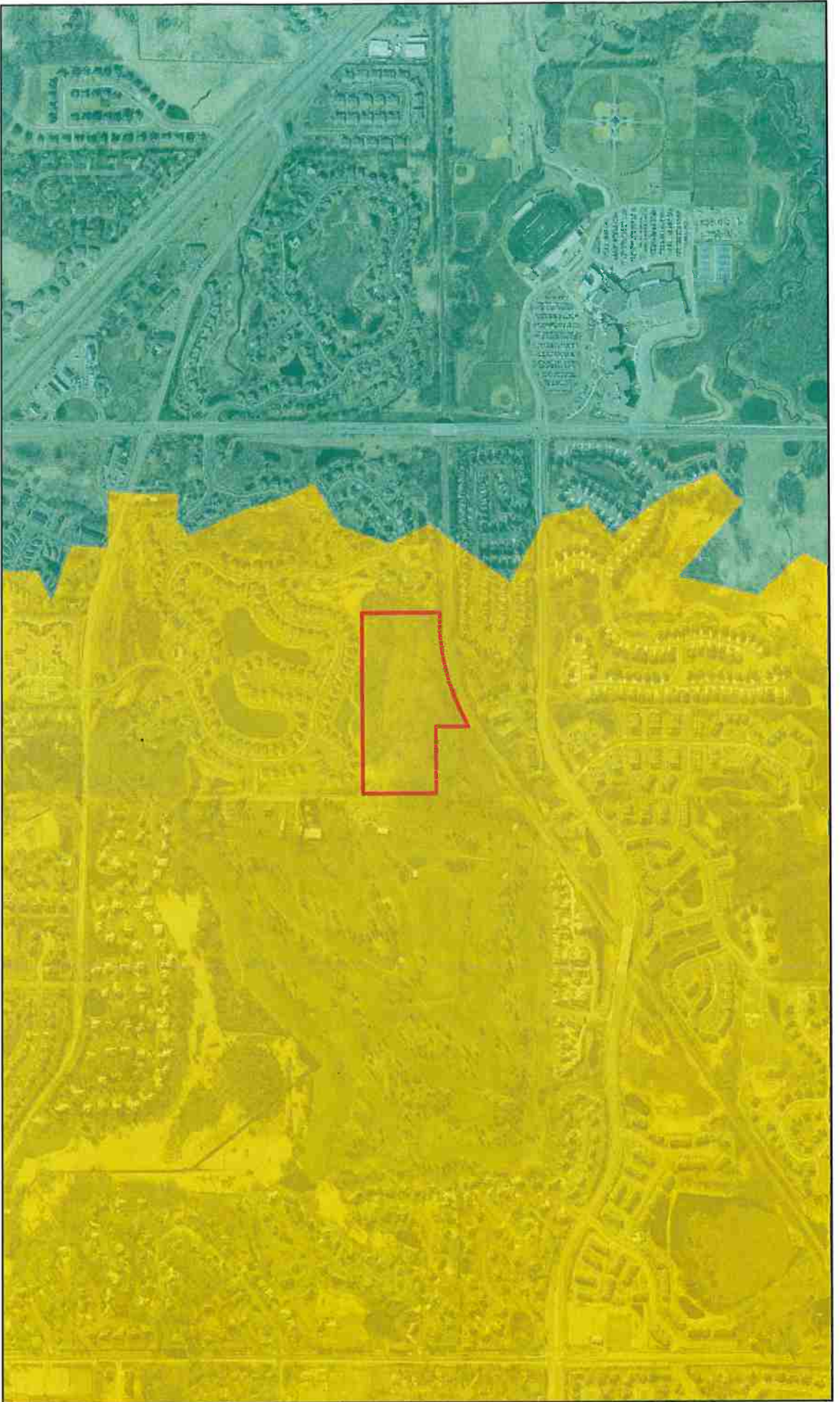
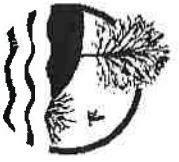
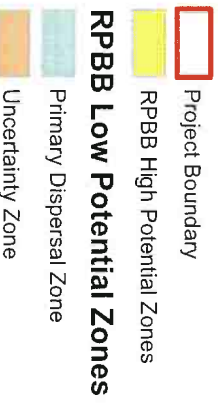


Figure 7 - Rusty Patch Bumble Bee Range Map



KJOLHAUG ENVIRONMENTAL SERVICES COMPANY

Source: MNGEO Spatial Commons



**Timbers Edge (KES 2019-016)
Plymouth, Minnesota**

Note: Boundaries indicated on this figure are approximate and do not constitute an official survey product.

Timber's Edge

Wetland Permit Application

APPENDIX A

Joint Application Form for Activities Affecting Water Resources in Minnesota

PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name: Timber's Edge Development LLC c/o Mike Bergeron

Mailing Address: 2605 Campus Drive Plymouth, MN 55446

Phone: (763)-557-7066

E-mail Address: bergeronhomes@hotmail.com

Authorized Contact (do not complete if same as above):

Mailing Address:

Phone:

E-mail Address:

Agent Name: Andrew Krinke – Kjolhaug Environmental Services

Mailing Address: 2500 Shadywood Road, Suite 130, Orono, MN 55331

Phone: (612)-704-6743

E-mail Address: Andrew@kjolhaugenv.com

PART TWO: Site Location Information

County: Hennepin

City/Township: Plymouth

Parcel ID and/or Address: 0811822320004

Legal Description (Section, Township, Range): S8 T118N R22W

Lat/Long (decimal degrees):

Attach a map showing the location of the site in relation to local streets, roads, highways.

Approximate size of site (acres) or if a linear project, length (feet): 17.55 acres

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted *prior to* this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

See attached wetland permit application.

PART FOUR: Aquatic Resource Impact¹ Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact (with table below). Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photos, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (Wetland, Lake, tributary, etc.)	Type of Impact (Fill, excavate, drain, or remove vegetation)	Duration of Impact (Permanent (P) or Temporary (T))	Size of Impact	Overall Size of Aquatic Resource ²	Existing Plant Community Type(s) in Impact Area ³	County, Major Watershed #, and Bank Service Area # of Impact Area ⁴
Wetland 1	Wetland	Fill	P	0.1741	0.1741	Shallow Marsh	Hennepin, 20, 7

¹ If impacts are temporary, enter the duration of the impacts in days next to the "T". For example, a project with a temporary impact fill that will be removed after 220 days would be entered as T (220).

² Impacts less than 0.1 acres should be reported in square feet. Impacts 0.1 or greater should be reported as acres and rounded to the nearest 0.001 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating that the linear feet of impact along the shoreline of the stream follows by the area impact in parentheses. For example, a project that impacts 50 feet of a stream that is 5 feet wide would be reported as 50 ft (250 square feet).

³ This is generally only applicable if you are applying for a permit under Minnesota Rules 8420.0120 subp. 5, otherwise enter "N/A". Use the same Plant and Bank Community Types of Minnesota and Wisconsin. It is as modified in Minnesota Rules 8420.0100 subp. 2. Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 subp. 7.

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each.

PART FIVE: Applicant Signature

Check here if you are requesting a pre-application consultation with the Corps and USFWS based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

I, the signatory below, attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature: Michael C. Berg Date: 2/22/19

I hereby authorize _____ to act on my behalf in my signature the processing of this application and to furnish, upon request, supplemental information in support of this application.

¹ The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

Attachment C

Avoidance and Minimization

Project Purpose, Need, and Requirements. Clearly state the purpose of your project and need for your project. Also include a description of any specific requirements of the project as they relate to project location, project footprint, water management, and any other applicable requirements. Attach an overhead plan sheet showing all relevant features of the project (buildings, roads, etc.), aquatic resource features (impact areas noted) and construction details (grading plans, storm water management plans, etc.), referencing these as necessary:

See attached wetland permit application.

Avoidance. Both the CWA and the WCA require that impacts to aquatic resources be avoided if practicable alternatives exist. Clearly describe all on-site measures considered to avoid impacts to aquatic resources and discuss at least two project alternatives that avoid all impacts to aquatic resources on the site. These alternatives may include alternative site plans, alternate sites, and/or not doing the project. Alternatives should be feasible and prudent (see MN Rules 8420.0520 Subp. 2 C). Applicants are encouraged to attach drawings and plans to support their analysis:

See attached wetland permit application.

Minimization. Both the CWA and the WCA require that all unavoidable impacts to aquatic resources be minimized to the greatest extent practicable. Discuss all features of the proposed project that have been modified to minimize the impacts to water resources (see MN Rules 8420.0520 Subp. 4):

See attached wetland permit application.

Off-Site Alternatives. An off-site alternatives analysis is not required for all permit applications. If you know that your proposal will require an individual permit (standard permit or letter of permission) from the U.S. Army Corps of Engineers, you may be required to provide an off-site alternatives analysis. The alternatives analysis is not required for a complete application but must be provided during the review process in order for the Corps to complete the evaluation of your application and reach a final decision. Applicants with questions about when an off-site alternatives analysis is required should contact their Corps Project Manager.

See attached wetland permit application.

Attachment D Replacement/Compensatory Mitigation

Complete this part *if* your application involves wetland replacement/compensatory mitigation not associated with the local road wetland replacement program. Applicants should consult Corps mitigation guidelines and WCA rules for requirements.

Replacement/Compensatory Mitigation via Wetland Banking. Complete this section if you are proposing to use credits from an existing wetland bank (with an account number in the State wetland banking system) for all or part of your replacement/compensatory mitigation requirements.

Wetland Bank Account #	County	Major Watershed #	Bank Service Area #	Credit Type (if applicable)	Number of Credits
1444	Carver	19	7	3 (Shallow Marsh)	0.3482

Applicants should attach documentation indicating that they have contacted the wetland bank account owner and reached at least a tentative agreement to utilize the identified credits for the project. This documentation could be a signed purchase agreement, signed application for withdrawal of credits or some other correspondence indicating an agreement between the applicant and the bank owner. *However, applicants are advised not to enter into a binding agreement to purchase credits until the mitigation plan is approved by the Corps and LGU.*

Project-Specific Replacement/Permittee Responsible Mitigation. Complete this section if you are proposing to pursue actions (restoration, creation, preservation, etc.) to generate wetland replacement/compensatory mitigation credits for this proposed project.

WCA Action Eligible for Credit ¹	Corps Mitigation Compensation Technique ²	Acres	Credit % Requested	Credits Anticipated ³	County	Major Watershed #	Bank Service Area #

¹Refer to the name and subpart number in MN Rule 8420.0526.

²Refer to the technique listed in *St. Paul District Policy for Wetland Compensatory Mitigation in Minnesota*.

³If WCA and Corps crediting differs, then enter both numbers and distinguish which is Corps and which is WCA.

Explain how each proposed action or technique will be completed (e.g. wetland hydrology will be restored by breaking the tile.....) and how the proposal meets the crediting criteria associated with it. Applicants should refer to the Corps mitigation policy language, WCA rule language, and all associated Corps and WCA guidance related to the action or technique:

Attach a site location map, soils map, recent aerial photograph, and any other maps to show the location and other relevant features of each wetland replacement/mitigation site. Discuss in detail existing vegetation, existing landscape features, land use (on and surrounding the site), existing soils, drainage systems (if present), and water sources and movement. Include a topographic map showing key features related to hydrology and water flow (inlets, outlets, ditches, pumps, etc.):

Attach a map of the existing aquatic resources, associated delineation report, and any documentation of regulatory review or approval. Discuss as necessary:

For actions involving construction activities, attach construction plans and specifications with all relevant details. Discuss and provide documentation of a hydrologic and hydraulic analysis of the site to define existing conditions, predict project outcomes, identify specific project performance standards and avoid adverse offsite impacts. Plans and specifications should be prepared by a licensed engineer following standard engineering practices. Discuss anticipated construction sequence and timing.

For projects involving vegetation restoration, provide a vegetation establishment plan that includes information on site preparation, seed mixes and plant materials, seeding/planting plan (attach seeding/planting zone map), planting/seeding methods, vegetation maintenance, and an anticipated schedule of activities.

For projects involving construction or vegetation restoration, identify and discuss goals and specific outcomes that can be determined for credit allocation. Provide a proposed credit allocation table tied to outcomes.

Provide a five-year monitoring plan to address project outcomes and credit allocation.

Discuss and provide evidence of ownership or rights to conduct wetland replacement/mitigation on each site.

Quantify all proposed wetland credits and compare to wetland impacts to identify a proposed wetland replacement ratio. Discuss how this replacement ratio is consistent with Corps and WCA requirements.

By signature below, the applicant attests to the following (only required if application involves project-specific/wetland responsible replacement):

- All proposed replacement wetlands were not:
 - Previously restored or created under a prior approved replacement plan or permit
 - Drained or filled under an exemption during the previous 10 years
 - Restored with financial assistance from public conservation programs
 - Restored using private funds other than landowner funds, unless the funds are paid back with interest to the individual or organization that funded the restoration and the individual or organization notifies the local government, in writing that the restored wetland may be considered for replacement.
- The wetland will be replaced before or concurrent with the actual draining or filling of a wetland.
- An irrevocable bank letter of credit, performance bond, or other acceptable security will be provided to guarantee successful completion of the wetland replacement.
- Within 30 days of either receiving approval of this application or beginning work on the project, I will file of the Declaration of Restrictions and Covenants on the deed for the property on which the replacement wetland(s) will be located and submit proof of such recording to the LSU and the Corps.

Applicant or Representative:

Title:

Signature:

Mitchell C. Berg 2/22/19

Date:

Timber's Edge

Wetland Permit Application

APPENDIX B

Wetland Delineation NOD and USACE Acknowledgement Letter



DEPARTMENT OF THE ARMY
ST. PAUL DISTRICT, CORPS OF ENGINEERS
180 FIFTH STREET EAST, SUITE 700
ST. PAUL MINNESOTA 55101-1678

RECEIVED AUG 13 2015

08/14/2015

REPLY TO
ATTENTION OF
Operations
Regulatory (MVP-2015-02907-MMJ)

THIS IS NOT A PERMIT

Anderson Engineering of MN, LLC
13605 1st Ave N
Plymouth, MN 55441

To Whom It May Concern:

We have received your submittal described below. You may contact the Project Manager with questions regarding the evaluation process. The Project Manager may request additional information necessary to evaluate your submittal.

File Number: MVP-2015-02907-MMJ

Applicant: Richard Deziel

Project Name: Deziel Woods

Received Date: 08/12/2015

Project Manager: Melissa Jenny
U.S. Army Corps of Engineers
Regulatory Branch
180 Fifth Street East, Suite 700
St. Paul, Minnesota 55101-1678
651-290-5363

Additional information about the St. Paul District Regulatory Program, including the new Clean Water Rule, can be found on our web site at <http://www.mvp.usace.army.mil/missions/regulatory>.

Please note that initiating work in waters of the United States prior to receiving Department of the Army authorization could constitute a violation of Federal law. If you have any questions, please contact the Project Manager.

Thank you.

U.S. Army Corps of Engineers
St. Paul District
Regulatory Branch

Minnesota Wetland Conservation Act

Notice of Decision

Local Government Unit (LGU) City of Plymouth	Address 3400 Plymouth Blvd. Plymouth, MN, 55447
--	---

1. PROJECT INFORMATION

Applicant Name Richard Deziel	Project Name Deziel Woods	Date of Application 8/3/15	Application Number NA
<input checked="" type="checkbox"/> Attach site locator map.			

Type of Decision:

<input checked="" type="checkbox"/> Wetland Boundary or Type	<input type="checkbox"/> No-Loss	<input type="checkbox"/> Exemption	<input type="checkbox"/> Sequencing
<input type="checkbox"/> Replacement Plan	<input type="checkbox"/> Banking Plan		

Technical Evaluation Panel Findings and Recommendation (if any):

<input checked="" type="checkbox"/> Approve	<input type="checkbox"/> Approve with conditions	<input type="checkbox"/> Deny
Summary (or attach): A TEP consisting of Ben Meyer and Derek Asche met onsite with Ben Hodapp and Tina Justen and the applicant. The TEP agreed to the wetland boundaries as described in the wetland investigation report for Deziel Woods by Anderson Engineering of Minnesota, LLC dated July 22, 2015.		

2. LOCAL GOVERNMENT UNIT DECISION

Date of Decision: September 2, 2015		
<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Approved with conditions (include below)	<input type="checkbox"/>
Denied		

LGU Findings and Conclusions (attach additional sheets as necessary):

The Deziel property (4710 Holly Lane) (Section 8, T118N, R22W) was investigated for the presence of wetlands on July 16, 2015. Three wetlands were identified on-site. Wetland 1 is a 0.18 acre, PUBGx, Type 4, shallow marsh dominated by duckweed and reed canary grass. Wetland 2 is a 0.03 acre, Type 90, RUBG, riverine wetland dominated by clearweed and common buckthorn. Wetland 3 is a 0.20 acre, Type 1, PEMA, seasonally flooded wetland dominated by rice cutgrass and pinkweed.

For Replacement Plans using credits from the State Wetland Bank:


Bank Account #	Bank Service Area	County	Credits Approved for Withdrawal (sq. ft. or nearest .01 acre)
----------------	-------------------	--------	---

Replacement Plan Approval Conditions. In addition to any conditions specified by the LGU, the approval of a Wetland Replacement Plan is conditional upon the following:

- Financial Assurance:** For project-specific replacement that is not in-advance, a financial assurance specified by the LGU must be submitted to the LGU in accordance with MN Rule 8420.0522, Subp. 9 (List amount and type in LGU Findings).
- Decd Recording:** For project-specific replacement, evidence must be provided to the LGU that the BWSR "Declaration of Restrictions and Covenants" and "Consent to Replacement Wetland" forms have been filed with the county recorder's office in which the replacement wetland is located.
- Credit Withdrawal:** For replacement consisting of wetland bank credits, confirmation that BWSR has withdrawn the credits from the state wetland bank as specified in the approved replacement plan.

Wetlands may not be impacted until all applicable conditions have been met!

LGU Authorized Signature:

Signing and mailing of this completed form to the appropriate recipients in accordance with 8420.0255, Subp. 5 provides notice that a decision was made by the LGU under the Wetland Conservation Act as specified above. If additional details on the decision exist, they have been provided to the landowner and are available from the LGU upon request.		
Name Derek Asche	Title Water Resources Manager	
Signature 	Date 9/3/15	Phone Number and E-mail 763-509-5526 dasche@plymouthmn.gov

THIS DECISION ONLY APPLIES TO THE MINNESOTA WETLAND CONSERVATION ACT. Additional approvals or permits from local, state, and federal agencies may be required. Check with all appropriate authorities before commencing work in or near wetlands.

Applicants proceed at their own risk if work authorized by this decision is started before the time period for appeal (30 days) has expired. If this decision is reversed or revised under appeal, the applicant may be responsible for restoring or replacing all wetland impacts.

This decision is valid for three years from the date of decision unless a longer period is advised by the TEP and specified in this notice of decision.

3. APPEAL OF THIS DECISION

Pursuant to MN Rule 8420.0905, any appeal of this decision can only be commenced by mailing a petition for appeal, including applicable fee, within thirty (30) calendar days of the date of the mailing of this Notice to the following as indicated:

Check one:

<input checked="" type="checkbox"/> Appeal of an LGU staff decision. Send petition and \$0 fee (if applicable) to: Derek Asche, Water Resources Manager City of Plymouth 3400 Plymouth Blvd. Plymouth, MN, 55447	<input type="checkbox"/> Appeal of LGU governing body decision. Send petition and \$500 filing fee to: Executive Director Minnesota Board of Water and Soil Resources 520 Lafayette Road North St. Paul, MN 55155
--	---

4. LIST OF ADDRESSEES

- SWCD TEP member: Ms. Stacey Lijewski, HCD, 701 Fourth Avenue South, Suite 700, Minneapolis, MN, 55415-1600 (sent electronically)
- BWSR TEP member: Ben Meyer, BWSR, 520 Lafayette Road North, St. Paul, MN, 55401-1397 (sent electronically)
- LGU TEP member (if different than LGU Contact):
- DNR TEP member: Brooke Haworth, MN DNR, 1200 Warner Road, St. Paul, MN, 55106 (sent electronically)
- DNR Regional Office (if different than DNR TEP member)
Kate Drewry, Area Hydrologist, MN DNR, 1200 Warner Road, St. Paul, MN, 55106 (sent electronically)
- WD or WMO (if applicable):
ECWMC, c/o Judie Anderson, 3235 Fernbrook Lane N, Plymouth, MN, 55447 (sent electronically)
- Applicant (notice only) and Landowner (if different):
Richard Deziel, 4600 Holly Lane North, Plymouth, MN, 55446 (sent electronically)
Gary Laurent (sent electronically)
Hollydale Land, LLC, 4710 Holly Lane North, Plymouth, MN 55446
- Members of the public who requested notice (notice only):
Courtney Luensman, Anderson Engineering of MN, LLC, 13605 1st Avenue North, Suite 100
Plymouth, MN, 55441 (sent electronically)
- Corps of Engineers Project Manager (notice only): Melissa Jenny, Army Corps of Engineers, 180 5th Street East, Suite 700, St. Paul, MN, 55101-1678 (sent electronically)
- BWSR Wetland Bank Coordinator (wetland bank plan applications only)

5. MAILING INFORMATION

➤ For a list of BWSR TEP representatives: www.bwsr.state.mn.us/aboutbwsr/workareas/WCA_areas.pdf

➤ For a list of DNR TEP representatives: www.bwsr.state.mn.us/wetlands/wca/DNR_TEP_contacts.pdf

➤ Department of Natural Resources Regional Offices:

<u>NW Region:</u>	<u>NE Region:</u>	<u>Central Region:</u>	<u>Southern Region:</u>
Reg. Env. Assess. Ecol.	Reg. Env. Assess. Ecol.	Reg. Env. Assess.	Reg. Env. Assess. Ecol.
Div. Ecol. Resources	Div. Ecol. Resources	Ecol.	Div. Ecol. Resources
2115 Birchmont Beach Rd.	1201 E. Hwy. 2	Div. Ecol. Resources	261 Hwy. 15 South
NF	Grand Rapids, MN	1200 Warner Road	New Ulm, MN 56073
Bemidji, MN 56601	55744	St. Paul, MN 55106	

For a map of DNR Administrative Regions, see: http://files.dnr.state.mn.us/aboutdnr/dnr_regions.pdf

➤ For a list of Corps of Project Managers: www.mvp.usace.army.mil/regulatory/default.asp?pageid=687 or send to:

US Army Corps of Engineers
St. Paul District, ATTN: OP-R
180 Fifth St. East, Suite 700
St. Paul, MN 55101-1678

➤ For Wetland Bank Plan applications, also send a copy of the application to:

Minnesota Board of Water and Soil Resources
Wetland Bank Coordinator
520 Lafayette Road North
St. Paul, MN 55155

6. ATTACHMENTS

In addition to the site locator map, list any other attachments:

Timber's Edge

Wetland Permit Application

APPENDIX C

Project Plan



DRAWING NAME		DATE	REVISIONS	USE (INCLUDING CORPUS DISTRIBUTION AND/OR CONFORMANCE OF)	HEREBY CERTIFY THAT THE PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.		SATHRE-BERGQUIST, INC. 150 SOUTH BROADWAY WYANDOTA, WI 53190 (262) 4760000	CIVIL PROJECT NO.	PRELIMINARY GRADING PLAN TIMBERS EDGE TIMBERS EDGE DEVELOPMENT, LLC.	FILE NO. 11106-022
DATE	BY	DATE	DESCRIPTION	REGISTRATION NO.						
11/11/2022	GP2									
11/11/2022	GP3									

EXPERTS IN THE FIELD SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL EXISTING UTILITIES.

USE INCLUDING COPING, DETENTION, AND/OR CONVEYANCE OF INFORMATION OF THE PRODUCT IS STRICTLY PROHIBITED WITHOUT THE WRITTEN AUTHORIZATION OF THE DESIGNER. ANY REPRODUCTION OR TRANSMISSION OF THIS DOCUMENT IN ANY MANNER WITHOUT THE WRITTEN AUTHORIZATION OF THE DESIGNER IS STRICTLY PROHIBITED. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AGENCIES OF THE STATE OF MINNESOTA.

HEREBY CERTIFY THAT THIS PLAN OR SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

ROBERT S. MCSTAND PE
 License No. 24504

SATHRE-BERGQUIST, INC.
 150 SOUTH BROADWAY, WAXWING, MN 55391 (620) 479-0000

CITY PROJECT NO.
PLYMOUTH, MINNESOTA

PRELIMINARY GRADING PLAN
TIMBERS EDGE
TIMBERS EDGE DEVELOPMENT, LLC

FILE NO.
GP3
GP3



Timber's Edge

Wetland Permit Application

APPENDIX D

Wetland Credit Correspondence

Andrew Krinke

From: Melissa Barrett
Sent: Thursday, February 21, 2019 3:06 PM
To: Andrew Krinke
Subject: RE: Wetland Credit Quote

Andrew,
0.3482 acres of Type 3 is available from the bank. The current cost is \$2.20/sf with buyer paying BWSR fees. Please let me know if you would like to set up a purchase agreement.

I will hold them for you for 4 weeks, and/or until another buyer expresses firmer interest.

Thank you.

Melissa Barrett

Certified Wetland Delineator, Licensed Soil Scientist
Kjolhaug Environmental Services, Inc.
2500 Shadywood Road, Suite 130
Orono, MN 55331
Office: (952) 401-8757
Cell: (952) 388-3752

From: Andrew Krinke
Sent: Thursday, February 21, 2019 2:57 PM
To: Melissa Barrett <melissa@kjolhaugenv.com>
Subject: Wetland Credit Quote

Melissa,

I would like to purchase 0.3482 acres of Type 3, Shallow Marsh wetland credits from the Montgomery Wetland Bank for a project in Plymouth. Can you please provide me a quote for the price of the Type 3 wetland credits?

Thank you,

Andrew Krinke
Kjolhaug Environmental Services Company
2500 Shadywood Road, Suite 130
Orono, MN 55331
Office: (952)-401-8757 Ext. 104
Cell: (612)-704-6743
Andrew@kjolhaugenv.com

Timber's Edge

Wetland Permit Application

APPENDIX E

IPaC Report & NLEB Information



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Minnesota-Wisconsin Ecological Services Field Office
4101 American Blvd E

Bloomington, MN 55425-1665

Phone: (952) 252-0092 Fax: (952) 646-2873

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

In Reply Refer To:

February 25, 2019

Consultation Code: 03E19000-2019-SLI-0490

Event Code: 03E19000-2019-E-01231

Project Name: Timber's Edge

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the action area the area that is likely to be affected by your proposed project. The list also includes any designated and proposed critical habitat that overlaps with the action area. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representatives) must consult with the Service if they determine their project may affect listed species or critical habitat. Agencies must confer under section 7(a)(4) if any proposed action is likely to jeopardize species proposed for listing as endangered or threatened or likely to adversely modify any proposed critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website <http://ecos.fws.gov/ipac/> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/>

[s7process/index.html](#). This website contains step-by-step instructions that will help you determine if your project will have an adverse effect on listed species or critical habitat and will help lead you through the Section 7 process.

For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within the action area.

Although no longer protected under the Endangered Species Act, be aware that bald eagles (*Haliaeetus leucocephalus*) are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*) and Migratory Bird Treaty Act (16 U.S.C. 703 *et seq.*), as are golden eagles (*Aquila chrysaetos*). Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near a bald eagle nest or winter roost area, see our Eagle Permits website at <http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html>. The information available at this website will help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- Migratory Birds

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Minnesota-Wisconsin Ecological Services Field Office

4101 American Blvd E

Bloomington, MN 55425-1665

(952) 252-0092

Project Summary

Consultation Code: 03E19000-2019-SLI-0490

Event Code: 03E19000-2019-E-01231

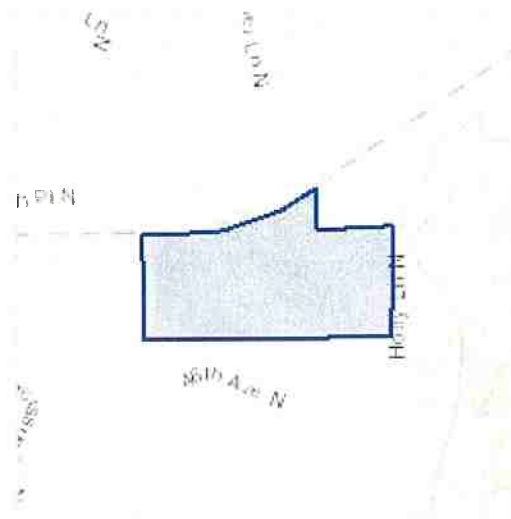
Project Name: Timber's Edge

Project Type: DEVELOPMENT

Project Description: Project Location: Plymouth, MN S8, T118N R22W
Project Size:

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/45.04114380153044N93.50000434703172W>



Counties: Hennepin, MN

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Insects

NAME	STATUS
Rusty Patched Bumble Bee <i>Bombus affinis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9383 General project design guidelines: https://ecos.fws.gov/ipac/guideline/design/population/10383/office/32410.pdf Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/10383/office/32410.pdf Habitat assessment guidelines: https://ecos.fws.gov/ipac/guideline/assessment/population/10383/office/32410.pdf	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

