



AGENDA OF THE ECONOMIC DEVELOPMENT AUTHORITY

**MONDAY, DECEMBER 9, 2019, 5:00 PM
CITY HALL, ROOM 604 - THE HARRY MAIER ROOM**

A. Roll Call.

- I. Members: Vacant - Chair, Pam Parish Vice-Chair, Ald. Brian Johnson, Mahamed Rage, Michael Peot, John Calewarts, Glen Sherman, and Tara Yang

B. Approval of the Agenda.

- I. Approval of the agenda for the December 9, 2019, meeting of the Economic Development Authority.

C. Approval of Minutes.

- I. Approval of the minutes from the November 11, 2019, meeting of the Economic Development Authority.

D. Regular Business.

- I. Consideration with possible action on the I-43 wetland study and business park expansion.

The Committee may convene in closed session pursuant to Sections 19.85(1)(e), Wis. Stats., for purposes of deliberating or negotiating the sale of public properties, investing of public funds or conducting other specified public business as necessary for competitive or bargaining reasons. The Committee may thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to report the results of the closed session and consider the balance of the agenda.

2. Consideration with possible action on Request for Proposal #3199 for professional environmental services.

The Committee may convene in closed session pursuant to Sections 19.85(1)(e), Wis. Stats., for purposes of deliberating or negotiating the sale of public properties, investing of public funds or conducting other specified public business as necessary for competitive or bargaining reasons. The Committee may thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to report the results of the closed session and consider the balance of the agenda.

3. Consideration with possible action on the City of Green Bay's farm lease renewals and new rates.

The Committee may convene in closed session pursuant to Sections 19.85(1)(e), Wis. Stats., for purposes of deliberating or negotiating the sale of public properties, investing of public funds or conducting other specified public business as necessary for competitive or bargaining reasons. The Committee may thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to report the results of the closed session and consider the balance of the agenda.

E. Informational.

1. Brownfields Program Update
2. Director's Report.
3. Date of next meeting: January 13, 2020.

F. Adjournment.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Common Council will attend this Economic Development Authority meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.



Report to the
Economic Development Authority
of the City of Green Bay

MEETING DATE

December 9, 2019

PREPARED BY

David Buck, Staff, Wendy Townsend,
Economic Coordinator

AGENDA ITEM # D.I.

Consideration with possible action on the I-43 wetland study and business park expansion.

The Committee may convene in closed session pursuant to Sections 19.85(1)(e), Wis. Stats., for purposes of deliberating or negotiating the sale of public properties, investing of public funds or conducting other specified public business as necessary for competitive or bargaining reasons. The Committee may thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to report the results of the closed session and consider the balance of the agenda.

BACKGROUND

Approximately one year ago, the City of Green Bay began the preliminary stages of investigating an expansion of the I-43 Business Center.

The first order of business was to determine the feasibility of such an expansion from a land development capability standpoint. In October, staff met with property owners of the area (roughly bound by East Mason Street on the north, Erie Road on the west, and the city limits on the south and east) and received permission to access their private property to conduct a wetland study. In March 2019, the City contracted NES Ecological Services (Div. of Robert E Lee & Assoc.) to conduct the wetland study which was completed this past summer.

The wetland study (attached) analyzed available data from USGS topographic maps, historic aerial photos including Farm Service Agency slides, WDNR Wetland Inventory maps and the Soil Survey of Brown County, WI as well as included on-site field investigations. The final product of said study has been reviewed by staff and we are now at the point to discuss the findings of the report, potential expansion area and anticipated land-uses with the EDA to determine further direction on the potential for the business center expansion.

Following this discussion with EDA, staff anticipates meeting with property owners again this December to disseminate the study's findings and present the direction of the next stages of this project.

RECOMMENDATION

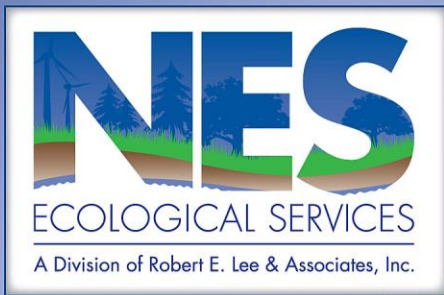
Staff recommends the EDA accept the Wetland Investigation Report and place it on file as well as providing staff direction on the potential for the business center expansion.

FISCAL IMPACT

ATTACHMENTS

1. GB I-43 Industrial Park_Final Wetland Investigation Report
2. Final Wetland Investigation Report_Full Map

3. I-43 East Area_Concept L-U 11.1.19



1250 Centennial Centre Blvd. • Hobart, WI 54155

Serving **Wisconsin, Michigan, Minnesota** and **Illinois**



Wetland Investigation Report

I-43 Business Park Expansion

Prepared for

City of Green Bay

100 North Jefferson Street, Room 608

Green Bay, WI 54301-5026

Project No. 10575061

Authored By:

Samantha Rock & James Havel

June 26, 2019

www.NESWI.com

Table of Contents

INTRODUCTION.....	2
METHODOLOGY.....	2
Desktop Review	2
Field Review	2
Drone Flight	3
On-site Wetland Verification	3
Waterway Navigability Determination	3
RESULTS	4
Desktop Review	4
Field Review	4
Wetlands.....	4
Navigable Waterways	13
CONCLUSION	13
LITERATURE CITED	14

Appendices

Appendix A	Site Location
Appendix B	Wetland Investigation Mapping
Appendix C	Summary Table of Potential Wetlands

INTRODUCTION

NES Ecological Services (NES) – A Division of Robert E. Lee & Associates, Inc. (REL) conducted a preliminary wetland investigation on 53 parcels located in Sections 11&12, T23N, R21E, City of Green Bay, Brown County, Wisconsin (Appendix A). The area investigated is approximately 683 acres in size and contains several wetlands. The preliminary wetland review was conducted to detect potential wetland resources that may be impacted during the future expansion of the I-43 Business Park.

NES is a natural resources firm focusing entirely on issues associated with wetlands, native habitat restoration and wildlife management. NES staffs ecologists specializing in wetlands, botany, and wildlife who are well qualified to assist individuals, companies, and municipalities with a variety of wetland services, ecological surveys, natural resource planning, and native habitat restoration projects. The wetland ecologists involved with this project are Samantha Rock and James Havel. The GIS specialist/drone specialist involved with this project is Philip Ohlinger. Ms. Rock has a B.S. in Environmental Science and a M.S. in Sustainability Science relating to Natural Resource Management and Wetland Ecology. She has several years of experience performing delineations along with plant and habitat surveys. Mr. Havel has a B.S. in Wildlife Management and Biology and a M.S. in Environmental Science, which provides him with a very strong background in natural resource sciences including wetland ecology. He has been working at NES for the past twenty years performing wetland related activities. Mr. Ohlinger has a B.S. in Environmental Science, and a certificate in geographic information systems (GIS). He has over five years of experience as a GIS specialist, and is commercially licensed by the FAA to fly drones.

METHODOLOGY

Desktop Review

Prior to conducting the field review a desktop review of the United States Geological Survey (USGS) Topographic Map (National Geographic Society, 2019); the Wisconsin Department of Natural Resources (WDNR) Surface Water Data Viewer (SWDV) (2019); 2-foot Brown County Contour Data; 1982-2002 Farm Service Agency (FSA) Slides; 1938, 1960, 1978, 1992, 2000, 2005, 2010, 2014 & 2017 Brown County orthophotos; 2004, 2005, 2006, 2008, 2010, 2013, 2014, 2015 & 2017 National Agricultural Imagery Program (NAIP) orthophotos; 1992 National Aerial Photography Program (NAPP); 2011 & 2018 Google Earth imagery; and the Natural Resource Conservation Service (NRCS) Web Soil Survey (2019) was performed in order to gain familiarity with the site's topography, existing wetland vegetation and soils data.

As the background mapping was reviewed, preliminary wetland boundaries were established for each parcel, if present, throughout the project area. Boundaries were based on the presence of re-occurring wetness/wetland signatures in the historic aerial imagery. The background data was then utilized to field verify features and approximate boundaries.

Field Review

NES/REL conducted the field review in two parts: 1) drone flight to gather high resolution imagery and 2) site visits to ground truth identified wetland features and their approximate boundaries. Steps taken for each are discussed below. These reviews were originally scheduled to be completed in the early portion (mid-May) of the 2019 growing season to provide an accurate representation of wetland features and their boundaries found throughout the project area. However, due to the abnormally wet spring, the field

review components were delayed until June when site conditions within the general area appeared closer to normal. The decision regarding site conditions was based on professional field experience along with visual observations of the agricultural fields via a windshield survey and other site work conducted by our wetland ecologists within Brown County.

Drone Flight

On June 6th, 2019, NES/REL staff conducted the drone flight. The drone was programed to fly at a height of 400' in a grid pattern with 80% frontal overlap and 70% slide overlap on all photos. The high resolution imagery taken by the drone was then georeferenced within ArcMap to ensure accuracy. The drone imagery was reviewed to verify wetland features and modify rough wetland boundaries established during the desktop review. The imagery generated via the drone flight was then utilized to create the wetland maps for the project.

On-site Wetland Verification

Field visits were conducted June 10th-14th, 2019 to verify wetland signatures identified during the desktop review and drone flight and further refine approximate wetland boundaries. A Trimble GeoExplorer handheld GPS unit (sub-meter accuracy) was utilized to collect rough wetland boundaries within wooded sections since neither aerial photography nor the drone flight allowed for an accurate depiction of wetlands or their boundaries within these communities. GPS data were collected in the Wisconsin County Coordinate System. Evidence of hydrology, vegetation and topography were utilized to establish the approximate wetland boundaries. In some cases, this method was also used for communities found within the fallow and active agricultural fields to further refine boundaries identified through the desktop review and drone flight. Wetland communities were categorized into four groups based on the Wisconsin Wetland Inventory Classification Guide (WDNR 1992): emergent/wet meadow, farmed emergent/wet meadow, scrub-shrub and forested. Communities categorized as farmed had evidence of very recent or active disturbance within the wetland. Open water areas (i.e., ponds) were mapped as separate features. Drainage swales connecting wetland communities were also identified during the review process.

Waterway Navigability Determination

The City also requested that NES/REL provide professional judgement regarding the navigability of waterways found within the project area. The below definitions were utilized to determine their potential status.

Section 404 of the Clean Water Act CWA defines navigable waters as “all waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide” (EPA, 2019). The WDNR defines navigable waterways as “public lakes, rivers, and streams that have a bottom (bed) and side (bank), and enough water to float any boat, skiff, or canoe of the shallowest draft on a reoccurring basis” (WDNR, 2019, *Navigability and Ordinary High Water Mark Determinations*). Both the EPA and the WDNR do not regulate many agricultural or roadside ditches, since many of these features are not historic or naturally occurring, excluding them from Section 404 and Wisconsin State Statute chapter 30 and 281. The WDNR in section 30.10 (4) (c) defines a farm drainage as “any artificial channel which drains water from lands which are used for agricultural purposes” and will not take jurisdiction of unless the channel prior to the conversion to an agricultural ditch was navigable or is connected to a navigable waterway (WDNR, 2019, *Applicability of the exemptions for agricultural use or farm drainage ditches under Ch. 30 and s. 281.31, Wis. Stats.*).

RESULTS

Desktop Review

Many wetland complexes were identified throughout the parcels within the project area utilizing the historic background mapping and imagery. Preliminary features and boundaries were established and further refined or, in some cases, removed utilizing the high resolution imagery collected with the drone. These maps were then utilized in the field verification process.

Field Review

Wetlands

NES/REL staff identified 118.13 acres (5,145,588 ft²) of potential wetland through the on-site verification process (Appendix B). Several of these wetlands are complexes comprised of two or more wetland community types or open water features as described above. The community type and their approximate acreage are listed below for each parcel and associated landowner. All but four of the 53 parcels contained wetland. Appendix C provides a summary table of these potential wetlands by owner and parcel number.

Drainage swales were identified during the review process if they appeared to convey water between wetland features. Although they may have water present during periods of time (e.g., after heavy rainfalls or early spring), the features may not have hydric soils or hydrology for long enough periods of time to be classified as wetland. In fact, many of the identified swales contained predominantly upland vegetation during the site investigation; therefore, most of these features are likely upland.

21-186 (Huron Limits LLC)

Total acreage of the parcel is 30.5 acres. NES/REL staff located three farmed wetlands and one wetland complex comprised of multiple community types totaling 225,713 ft² of potential wetland.

21-186 (Huron Limits LLC)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-186	30.5	123093	44,105	2,288	56,227	0	225,713

21-187 & 21-205-1 (Dorothy M Zuidmulder)

Total acreage of the parcels is 47.9 acres. NES/REL staff located ten emergent/wet meadow wetlands, one scrub-shrub wetland and one wetland complex comprised of multiple community types totaling 332,767 ft² of potential wetland.

21-187 & 21-205-1 (Dorothy M Zuidmulder)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-187	38.1	175,594	0	0	126,353	0	301,947
21-205-1	9.8	25,348	3,417	2,055	0	0	30,820

21-199-2 (John J Bunker Etal)

Total acreage of the parcel is 2.56 acres. NES/REL staff located two emergent/wet meadow wetlands totaling 5,478 ft² of potential wetland.

21-199-2 (John J Bunker Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-199-2	2.56	5,478	0	0	0	0	5,478

21-195, 21-199 & 21-201 (Pierquet Family LTD Partnership Etal)

Total acreage of the parcels is 79.2 acres. NES/REL staff located four farmed wetlands, four wetland complexes comprised of multiple community types and one emergent/wet meadow wetland totaling 442,951 ft² of potential wetland.

21-195, 21-199 & 21-201 (Pierquet Family LTD Partnership Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-195	16.02	37,048	2,057	0	13,508	0	52,612
21-199	34.89	177,258	58,306	0	0	0	235,564
21-201	28.29	90,897	48,139	9,110	6,630	0	154,776

21-195-2 (Pierquet Rosella Revocable Trust)

Total acreage of the parcel is 1.48 acres. NES/REL staff located one emergent/wet meadow wetland totaling 11,598 ft² of potential wetland.

21-195-2 (Pierquet Rosella Revocable Trust)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-195-2	1.48	11,598	0	0	0	0	11,598

21-204-1 (Kelly L Boucher Etal)

Total acreage of the parcel is 8.87 acres. NES/REL staff located one wetland complex comprised of multiple community types totaling 55,191 ft² of potential wetland.

21-204-1 (Kelly L Boucher Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-204-1	8.87	17,926	37,265	0	0	0	55,191

21-204-3 (Thomas O Boucher Etal)

Total acreage of the parcel is 9.92 acres. NES/REL staff located one farmed wetland and three wetland complexes comprised of multiple community types totaling 55,191 ft² of potential wetland.

21-204-3 (Thomas O Boucher Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-204-3	9.92	1,341	58,675	0	0	0	60,016

21-204 (Daniel J & Denise E Boucher)

Total acreage of the parcel is 0.89 acres. NES/REL staff located one emergent/wet meadow wetland totaling 4,717 ft² of potential wetland.

21-204 (Daniel J & Denise E Boucher)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-204-3	0.89	4,717	0	0	0	0	4,717

21-204-2, 21-205-2 & 21-205 (Gerald J & Rite Boucher)

Total acreage of the parcels is 38.35 acres. NES/REL staff located four farmed wetlands, six emergent/wet meadow wetlands, one scrub-shrub wetland and one wetland complex comprised of multiple community types totaling 250,534 ft² of potential wetland.

21-204-2, 21-205-2 & 21-205 (Gerald J & Rite Boucher)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-204-2	18.69	79,662	16,883	0	0	0	96,545
21-205-2	9.85	81,402	4,119	0	877	0	86,398
21-205	9.81	34,747	8,346	3,488	21,011	0	67,592

21-205-3 (William G & Karen A Boucher Etal)

Total acreage of the parcel is 9.82 acres. NES/REL staff located two farmed wetlands, one emergent/wet meadow wetland and one wetland complex comprised of multiple community types totaling 34,631 ft² of potential wetland.

21-205-3 (William G & Karen A Boucher Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-205-3	9.82	13,461	4,205	16,965	0	0	34,631

21-200 (Stuart E & Cynthia G Frankow)

Total acreage of the parcel is 8.22 acres. NES/REL staff located one emergent/wet meadow wetland and one wetland complex comprised of multiple community types totaling 28,099 ft² of potential wetland.

21-200 (Stuart E & Cynthia G Frankow)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-200	8.22	4,007	1,500	11,855	10,737	0	28,099

21-190, 21-192 & 21-203 (Rentmeester Antoinette L Revocable Trust)

Total acreage of the parcels is 75.04 acres. NES/REL staff located six farmed wetlands, one emergent/wet meadow wetland and eight wetland complexes comprised of multiple community types totaling 374,597 ft² of potential wetland.

21-190, 21-192 & 21-203 (Rentmeester Antoinette L Revocable Trust)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-190	26.25	44,000	57,361	0	0	0	101,361
21-192	29.49	68,654	52,125	9,698	0	0	130,477
21-203	19.3	73,888	68,870	0	0	0	142,758

21-202-2 & 21-202-1 (James K & Tonia M Derouin)

Total acreage of the parcels is 3.91 acres. NES/REL staff located two wetland complexes comprised of multiple community types totaling 53,140 ft² of potential wetland.

21-202-2 & 21-202-1 (James K & Tonia M Derouin)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-202-1	1.74	5,689	0	11,967	3,512	0	21,168
21-202-2	2.16	3,840	0	28,132	0	0	31,972

21-202 (Juza Family Irrevocable Trust)

Total acreage of the parcel is 17.38 acres. NES/REL staff located two farmed wetlands and three wetland complexes comprised of multiple community types totaling 130,109 ft² of potential wetland.

21-202 (Juza Family Irrevocable Trust)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-202	17.38	34,644	31,021	1,456	62,988	0	130,109

21-206-A (Jerry R & Luanne E Oleary)

Total acreage of the parcel is 0.55 acres. NES/REL staff located no wetlands on the parcel.

21-208 (Jenna M & Joseph S Rust)

Total acreage of the parcel is 17.5 acres. NES/REL staff located three farmed wetlands, one emergent/wet meadow wetland and one wetland complex comprised of multiple community types totaling 177,870 ft² of potential wetland.

21-208 (Jenna M & Joseph S Rust)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-208	17.5	118,273	34,780	9,504	3,678	11,635	177,870

21-208-1 & 21-207-1 (Daniel A & Judith Rentmeester)

Total acreage of the parcels is 9.72 acres. NES/REL staff located one farmed wetland and one wetland complex comprised of multiple community types totaling 84,385 ft² of wetland.

21-208-1 & 21-207-1 (Daniel A & Judith Rentmeester)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-207-1	4.87	8,851	13,214	3,369	0	0	25,434
21-208-1	4.85	35,206	14,190	9,553	0	0	58,949

21-207 (Roger & Jeanne M Craanen)

Total acreage of the parcel is 5.86 acres. NES/REL staff located one scrub-shrub wetland and one wetland complex comprised of multiple community types totaling 32,184 ft² of potential wetland.

21-207 (Roger & Jeanne M Craanen)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-207	5.86	25,474	1,153	5,557	0	0	32,184

21-21 (Richard R & Carol J Nachtwey)

Total acreage of the parcel is 3.08 acres. NES/REL staff located no wetlands on the parcel.

21-21-A (Roger & Humboldt Investments LLC)

Total acreage of the parcel is 10.38 acres. NES/REL staff located one emergent/wet meadow and one farmed wetland totaling 48,218 ft² of potential wetland.

21-21-A (Roger & Humboldt Investments LLC)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-21-A	10.38	39,824	8,394	0	0	0	48,218

21-19-1 (RRL Land LLC)

Total acreage of the parcel is 10 acres. NES/REL staff located one emergent/wet meadow and two farmed wetlands totaling 36,640 ft² of potential wetland.

21-19-1 (RRL Land LLC)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-19-1	10	9,701	26,939	0	0	0	36,640

21-189, 21-189-1, 21-22, 21-22-1 & 21-24 (City of Green Bay)

Total acreage of the parcels is 54.59 acres. NES/REL staff located five farmed wetlands, three emergent/wet meadow wetlands and two wetland complexes comprised of multiple community types totaling 124,346 ft² of potential wetland.

21-189, 21-189-1, 21-22, 21-22-1 & 21-24 (City of Green Bay)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-189	4.12	0	0	0	0	0	0
21-189-1	3.09	0	0	0	0	0	0
21-22	23.01	14,292	18,364	0	0	0	32,656
21-22-1	2.35	0	0	0	0	0	0
21-224	17.65	26,201	25,587	0	0	0	51,788
ROW Padi-Wood Lane	3.84	5,635	15,349	12,428	0	0	33,412
ROW Arline Lane	0.53	6,490	0	0	0	0	6,490

21-191, 21-193 & 21-211 (Joseph C Rentmeester)

Total acreage of the parcels is 21.69 acres. NES/REL staff located three farmed wetlands and one wetland complex comprised of multiple community types totaling 56,771 ft² of potential wetland.

21-191, 21-193 & 21-211 (Joseph C Rentmeester)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-191	9.74	22,507	19,109	0	0	0	41,616
21-193	0.86	388	1835	0	0	0	2,223
21-211	11.09	3,773	9,158	0	0	0	12,931

21-211-1 (Peter T & Carol A Blan)

Total acreage of the parcel is 17.34 acres. NES/REL staff located two farmed wetlands and one wetland complex comprised of multiple community types totaling 79,046 ft² of potential wetland.

21-211-1 (Peter T & Carol A Blan)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-211-1	17.34	8,036	71,010	0	0	0	79,046

21-210 (Gerald K Rentmeester)

Total acreage of the parcel is 18.35 acres. NES/REL staff located two wetland complexes comprised of multiple community types totaling 141,867 ft² of potential wetland.

21-210 (Gerald K Rentmeester)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-210	18.35	136,947	1,004	1,753	2,163	0	141,867

21-212 (Anthony J & Patricia A Boulanger)

Total acreage of the parcel is 10.12 acres. NES/REL staff located two wetland complexes comprised of multiple community types and one farmed wetland totaling 137,511 ft² of potential wetland.

21-212 (Anthony J & Patricia A Boulanger)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-212	10.12	118,824	3,866	0	14,821	0	137,511

21-213 (Roger D & Jeanne M Craanen)

Total acreage of the parcel is 36.46 acres. NES/REL staff located three wetland complexes comprised of multiple community types and three farmed wetland totaling 735,014 ft² of potential wetland.

21-213 (Roger D & Jeanne M Craanen)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-213	36.46	482,499	60,063	0	186,363	6,089	735,014

21-188-1 (Daniel G & Traci Rae Karnopp)

Total acreage of the parcel is 0.85 acres. NES/REL staff located no wetlands on the parcel.

21-188-3 (Degrave Carla J Revocable Trust)

Total acreage of the parcel is 0.85 acres. NES/REL staff located no wetlands on the parcel.

21-188-5 (Ong Vue Etal)

Total acreage of the parcel is 2.44 acres. NES/REL staff located two emergent/wet meadow wetlands totaling 7,767 ft² of potential wetland.

21-188-5 (Ong Vue Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-188-5	2.44	7,767	0	0	0	0	7,767

21-188-2 (Phillips Revocable Trust)

Total acreage of the parcel is 1.53 acres. NES/REL staff located one emergent/wet meadow wetland totaling 1,448 ft² of potential wetland.

21-188-2 (Phillips Revocable Trust)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-188-2	2.44	7,767	0	0	0	0	7,767

21-188-6-1 (James M & Debra A Kroll)

Total acreage of the parcel is 23.93 acres. NES/REL staff located one emergent/wet meadow wetland and one wetland complex comprised of multiple community type totaling 195,964 ft² of potential wetland.

21-188-6-1 (James M & Debra A Kroll)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-188-6-1	23.93	195,964	0	0	0	0	195,964

21-188-6 (Anthony K Dillenburg Etal)

Total acreage of the parcel is 2.50 acres. NES/REL staff located two emergent/wet meadow wetlands totaling 64,684 ft² of potential wetland.

21-188-6 (Anthony K Dillenburg Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-188-6	2.50	64,684	0	0	0	0	64,684

21-188-4 (Dolores R Holl Etal)

Total acreage of the parcel is 4.74 acres. NES/REL staff located two emergent/wet meadow wetlands totaling 44,068 ft² of potential wetland.

21-188-4 (Dolores R Holl Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-188-4	4.74	44,068	0	0	0	0	44,068

21-188 (Daniel P & Cindy P Shannon)

Total acreage of the parcel is 1 acre. NES/REL staff located no wetlands on the parcel.

21-194 (Degrave Daniel W SR & Linda A Revocable Trust)

Total acreage of the parcel is 37.91 acres. NES/REL staff located three farmed wetlands, two emergent/wet meadow wetlands and three wetland complexes comprised of multiple community types totaling 303,206 ft² of potential wetland.

21-188-4 (Dolores R Holl Etal)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-194	37.91	133,034	170,172	0	0	0	303,206

21-209 & 21-214 (Degrave Real Estate LLC)

Total acreage of the parcels is 58.03 acres. NES/REL staff located seven farmed wetlands and four wetland complexes comprised of multiple community types totaling 865,058 ft² of potential wetland.

21-191, 21-193 & 21-211 (Joseph C Rentmeester)							
Parcel	Parcel Size (Acres)	Emergent/Wet Meadow (ft ²)	Farmed Emergent/Wet Meadow (ft ²)	Scrub-Shrub (ft ²)	Forested (ft ²)	Open Water (ft ²)	Total (ft ²)
21-209	38.68	366,571	167,890	0	0	16,533	550,994
21-214	19.35	305,265	8,801	0	0	0	314,066

Navigable Waterways

NES/REL staff using the definitions discussed above and professional judgement determined there were no navigable waterways within the project area; however, only WDNR officials can provide official determinations of navigable waterways.

CONCLUSION

The mapped potential wetlands included within this report provide an additional resource to the parcel owners and the City of Green Bay for future planning purposes. NES/REL staff located 118.13 acres (5,145,588 ft²) of potential wetland on 49 parcels during the investigation. Although the boundaries for each feature were defined and further refined using the historical and drone flight imagery along with on-site observations, a full review of all three wetland parameters were not conducted. Vegetation, topography and easily observed hydrology indicators were reviewed in-field, where able; however, soil profiles and those hydrology indicators located below the soil surface were not observed. Therefore, each identified wetland feature within the project area should be delineated to establish definitive wetland boundaries and evaluated to determine their potential jurisdictional status (i.e., isolated vs. non-isolated – final determination are made by the U.S. Army Corps of Engineers (USACE)) and assessed to verify the current health of the communities (i.e., dominated by invasive species) for permitting purposes as described below. Identified drainage swale should also be reviewed more thoroughly to ensure they do not meet the definition of wetland. These surface water conveyance features should also be considered when planning develop to ensure proper drainage is maintained within an area. We also want to note that even if development is planned to avoid the potential wetlands identified by NES/REL, a wetland determination will be required for those areas containing WDNR mapped wetlands that extend beyond our boundaries or that have potential hydric soils if more than one acre of disturbance is planned. Data will need to be collected and a report prepared by either a WDNR Assured or non-Assured Wetland Delineator. A non-Assured individual will be required to obtain concurrence from the WDNR on both determinations and delineations.

The USACE Regulatory Program includes Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (CWA). Section 10 requires a permit for any work in, over, or under a navigable water of the U.S., while Section 404 requires a permit for the discharge of dredged or fill material into waters of the U.S. Many waterbodies and wetlands in the U.S. are considered waters of the U.S. and are therefore subject to the USACE Section 404 regulatory authority; however, isolated wetlands and headwater streams may not be considered jurisdictional. The WDNR regulates all wetlands, navigable waters, and adjacent lands under a variety of Wisconsin State Statutes (Chapter 30 and 281) and Wisconsin Administrative Codes (NR 103, 299, 350, and 353). Municipalities, townships, and

counties may also apply regulations such as but not limited to zoning setbacks and protections over floodplains, shorelands, waterways, and wetlands. Each agency independently makes decisions over the regulatory jurisdiction of wetlands and waterways. Any permit requirements associated with a particular project will be determined by regulatory staff.

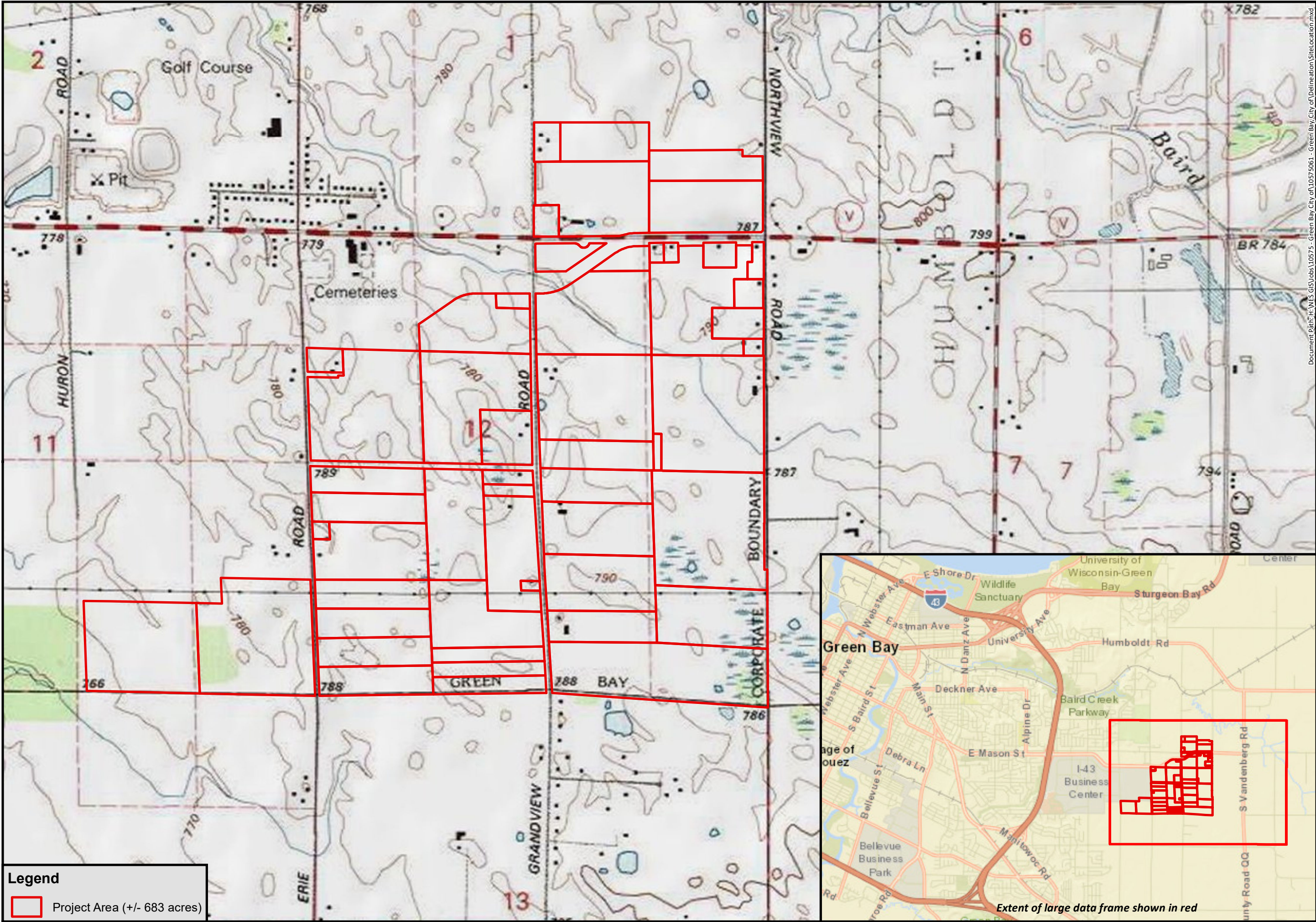
LITERATURE CITED

- Brown County Planning and Land Services Department – Land Information Office. 2019. BrownDog Online GIS Map for Brown County, Wisconsin.
<http://www.co.brown.wi.us/departments/?department=85713eda4cdc&subdepartment=89ce08984445>. Last accessed June 19, 2019.
- Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2016. *The National Wetland Plant List: 2016 Wetland Ratings*. Phytoneuron 2016-30: 1-17. Published 28 April 2016. ISSN 2153 733X.
- National Geographic Society. 2019. *USGS Topographic Map*.
http://goto.arcgisonline.com/maps/USA_Topo_Maps. Last accessed: June 14, 2019.
- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. *Web Soil Survey*. <http://websoilsurvey.nrcs.usda.gov>. Last accessed: June 20, 2019.
- United States Department of Agriculture (USDA), National Resource Conservation Service. 1997. *Engineering Field Handbook: Hydrology Tools for Wetland Determination (Chapter 19) - Rainfall Documentation Worksheet*.
- USDA, FSA. National Agricultural Imagery Program (NAIP). Salt Lake City, UT: Aerial photography Field Office.
- United State Environmental Protection Agency (EPA). 2019. *Section 404 of the Clean Water Act: Guidance to Identify Waters Protected by the Clean Water Act*. <https://www.epa.gov/cwa-404/guidance-identify-waters-protected-clean-water-act>. Last accessed June 19, 2019.
- Wisconsin Department of Natural Resources (WDNR). 2019. *Applicability of the exemptions for agricultural use or farm drainage ditches under Ch. 30 and s. 281.31, Wis. Stats*.
<https://dnr.wi.gov/news/input/documents/guidance/DrainageGuidance.pdf>. Last accessed: June 20, 2019.
- WDNR. 2019. *Surface Water Data Viewer*. <http://dnrmaps.wi.gov/sl/?Viewer=SWDV>. Last accessed: June 14, 2019.
- WDNR. 2019. *Navigability and Ordinary High Water Mark Determination*.
<https://dnr.wi.gov/news/input/documents/guidance/DrainageGuidance.pdf>. Last accessed: June 19, 2019.
- WDNR. 1992. Wisconsin Wetland Inventory Classification Guide. PUBL-WZ-WZ023.

A

APPENDIX A

Site Location



Legend

Project Area (+/- 683 acres)



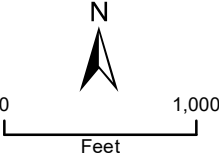
ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Site Location

6/26/2019

City of Green Bay
Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Located in part of:
Section 11 & 12, T23N, R21E
City of Green Bay
Brown County
Wisconsin



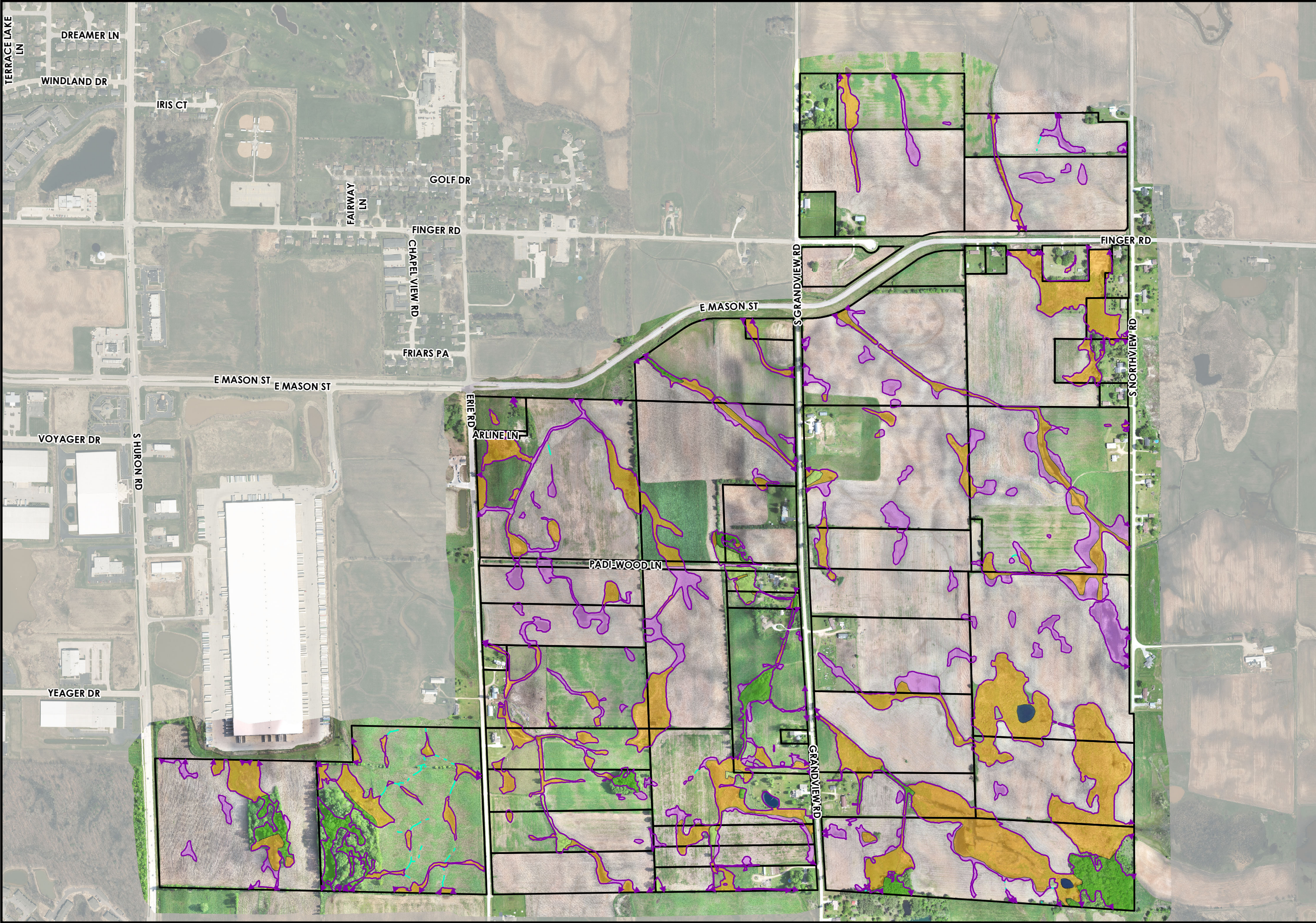
0 1,000
Feet

Document Path: H:\NES GIS\Jobs\10575 - Green Bay City of\10575061 - Green Bay City of\Location\SiteLocation.mxd

B

APPENDIX B

Wetland Investigation Mapping



Legend

- Potential Wetland Line
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/Wet Meadow
- F - Emergent/Wet Meadow (Farmed)
- S - Scrub/Shrub
- T - Forested
- W - Open Water

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



OWNER: HURON LIMITS LLC

Legend

- Potential Wetland Line
- Owner Area - (+/- 30.5 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **123093 SF**
- F - Emergent/Wet Meadow (Farmed) - **44105 SF**
- S - Scrub/Shrub - **2288 SF**
- T - Forested - **56227 SF**
- W - Open Water - **0 SF**



ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 1

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc.,
May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 160 Feet

OWNER:

E 6847 SF

E 5870 SF

E 7321 SF

E 80835 SF

E 878 SF

E 3773 SF

E 11161 SF

T 126199 SF

21-186

T 154 SF

E 5338 SF

E 15669 SF

E 23583 SF

E 9688 SF

E 4631 SF

21-187

 Potential Wetland Line
 Owner Area (+/- 47.9 acres)
 Parcels
 Drainage Swale

Potential Wetland Area
 E - Emergent/
 Wet Meadow - **200942 SF**
 F - Emergent/Wet Meadow
 (Farmed) - **3417 SF**
 S - Scrub/Shrub - **2055 SF**
 T - Forested - **126353 SF**
 W - Open Water - **0 SF**

Page 2
Preliminary Wetland
Review

DOROTHY M ZUIDMULDER

Legend

- Potential Wetland Line
- Owner Area - (+/- 47.9 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/Wet Meadow - **200942 SF**
- F - Emergent/Wet Meadow (Farmed) - **3417 SF**
- S - Scrub/Shrub - **2055 SF**
- T - Forested - **126353 SF**
- W - Open Water - **0 SF**

21-204-2

21-205-2

21-205

21-208

21-205-3

21-208-1

21-207-1

21-205-1

21-207

S 262 SF

E 16945 SF

F 3407 SF

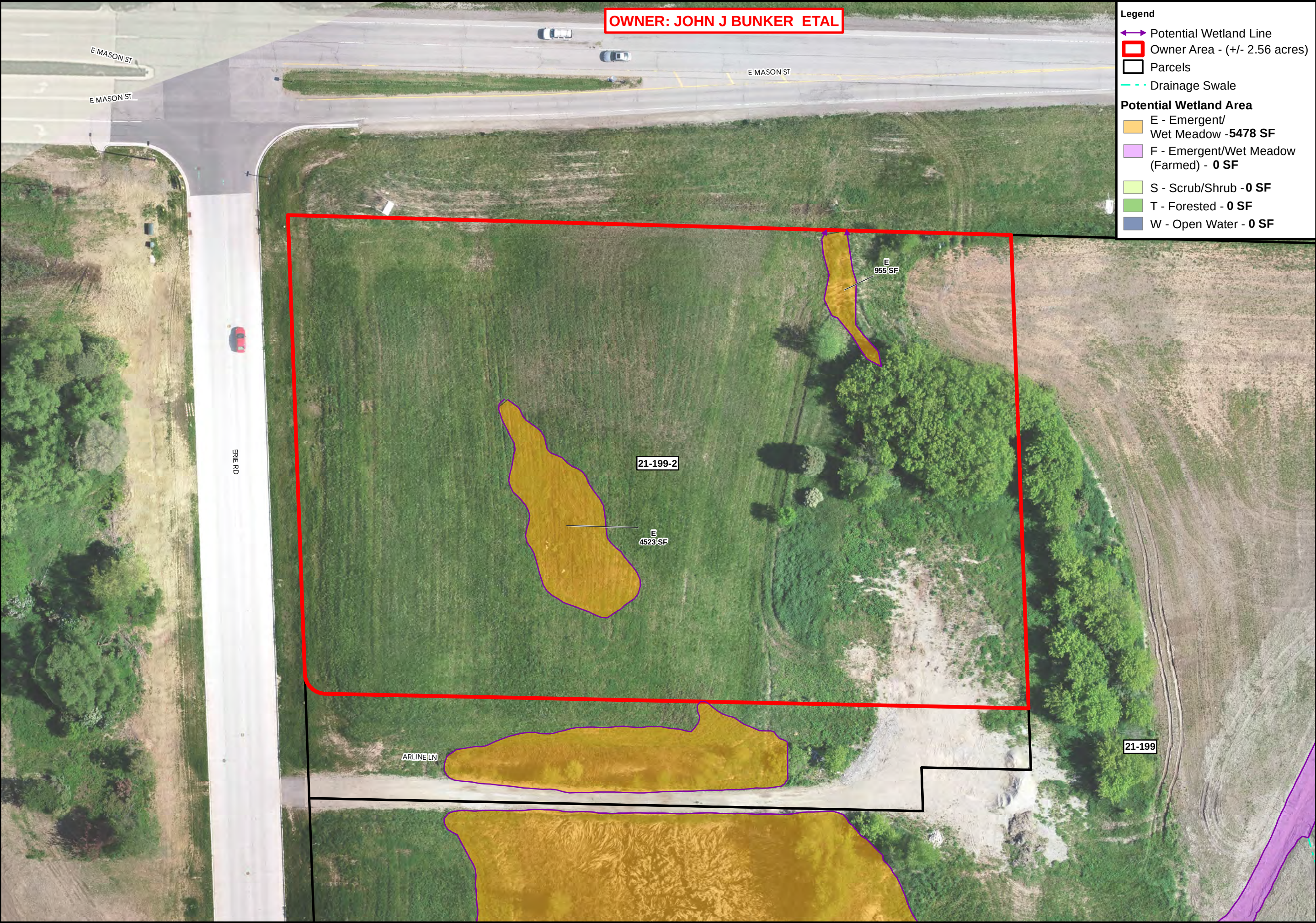
E 8403 SF

S 1793 SF

F 10 SF

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial





OWNER: JOHN J BUNKER ETAL

Legend

- Potential Wetland Line
- Owner Area - (+/- 2.56 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **5478 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**



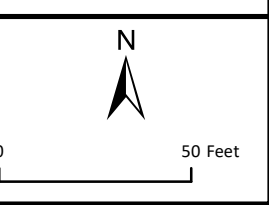
Page 3
Preliminary Wetland Review

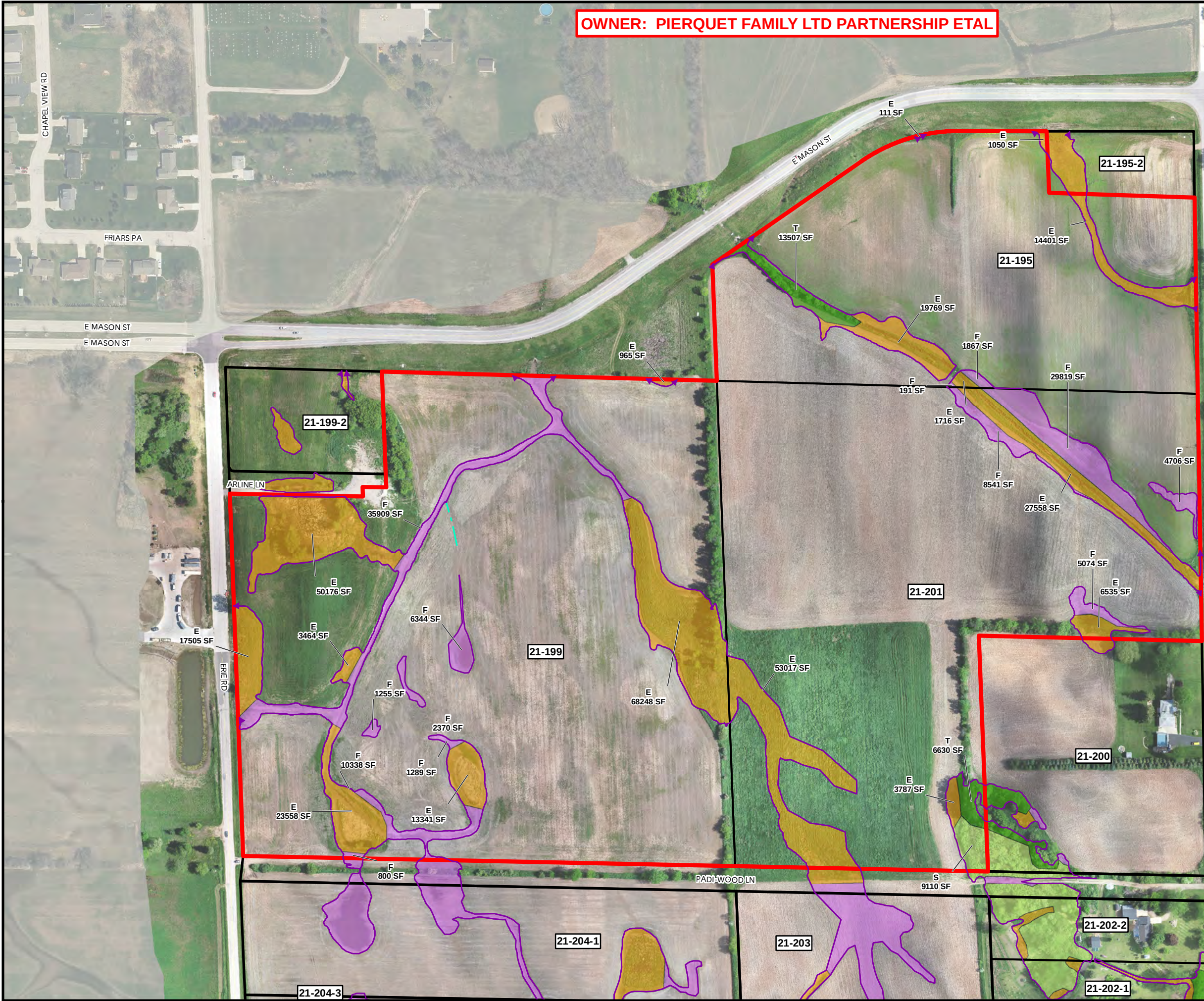
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: PIERQUET FAMILY LTD PARTNERSHIP ETAL

- Legend**
- Potential Wetland Line
 - Owner Area - (+/- 79.2 acres)
 - Parcels
 - Drainage Swale
- Potential Wetland Area**
- E - Emergent/ Wet Meadow - 305203 SF
 - F - Emergent/Wet Meadow (Farmed) - 108502 SF
 - S - Scrub/Shrub - 9110 SF
 - T - Forested - 20136 SF
 - W - Open Water - 0 SF



Page 4
Preliminary Wetland Review

6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 250 Feet



OWNER: PIERQUET ROSELLA REVOCABLE TRUST

Legend

- Potential Wetland Line
- Owner Area - (+/- 1.48 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **11598 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

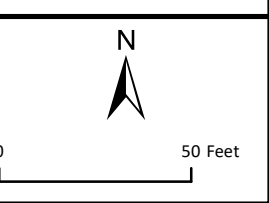


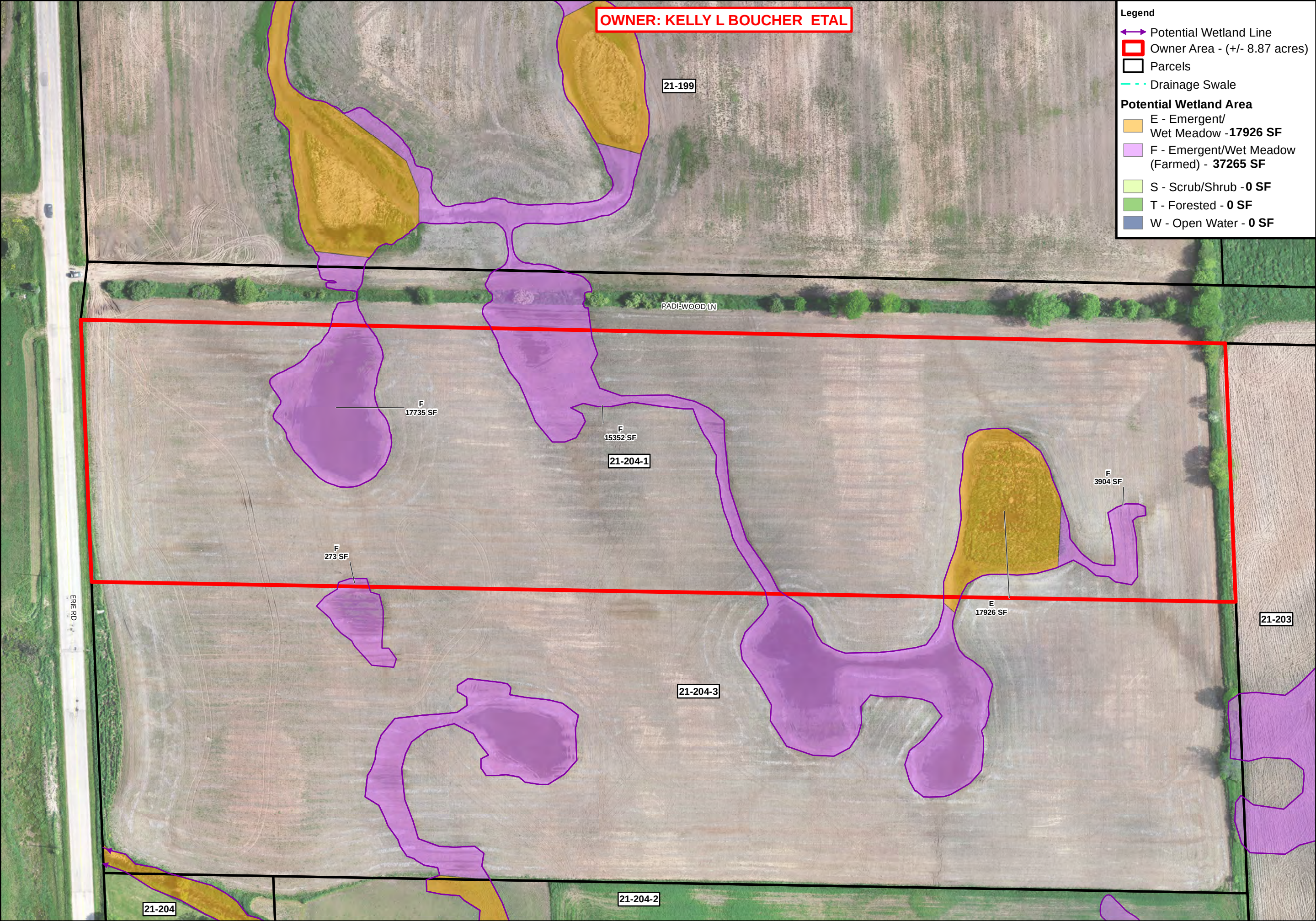
Page 5
Preliminary Wetland Review

6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial
Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





Legend

- Potential Wetland Line
- Owner Area - (+/- 8.87 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

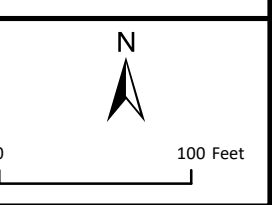
- E - Emergent/Wet Meadow - **17926 SF**
- F - Emergent/Wet Meadow (Farmed) - **37265 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

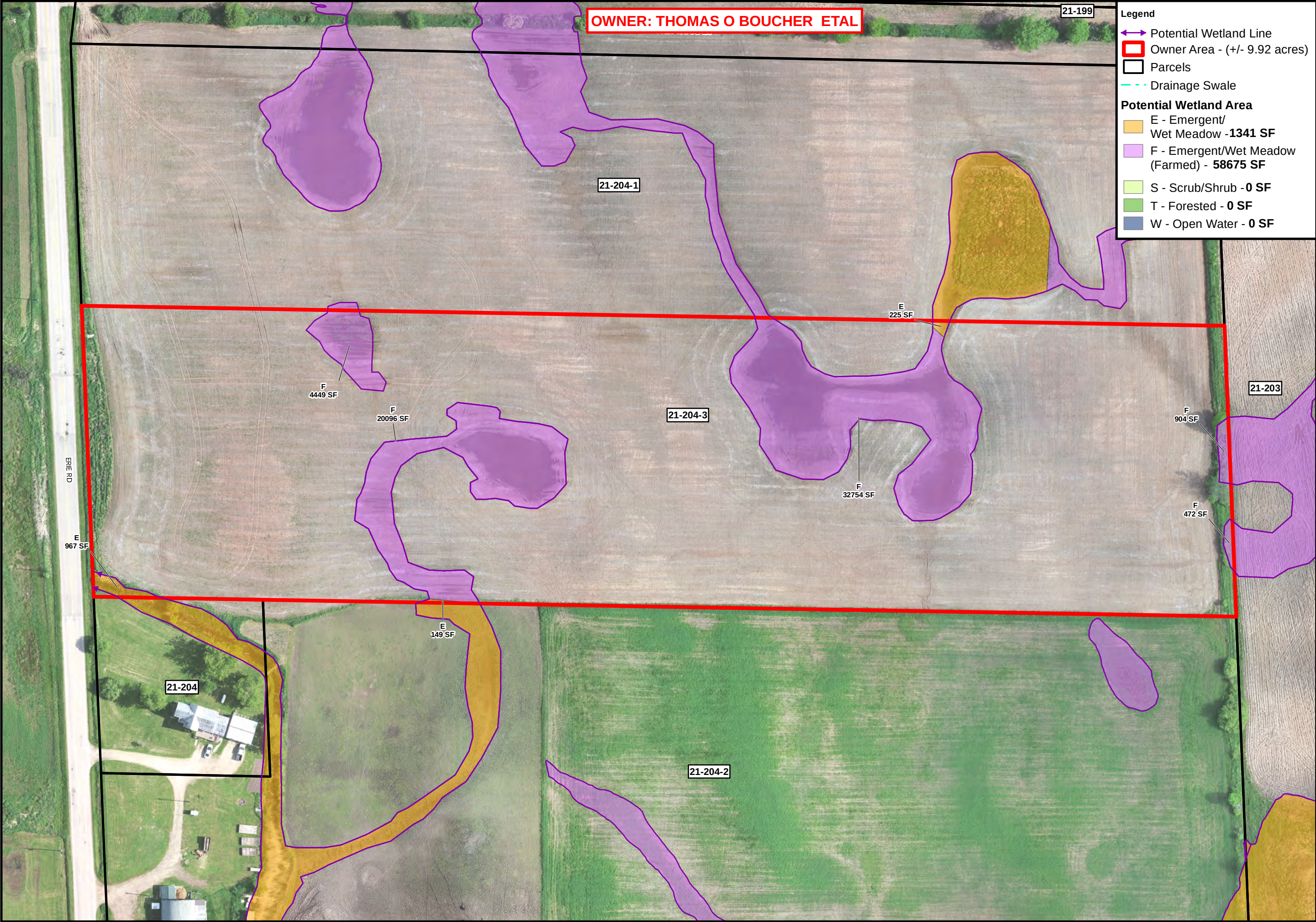


Page 6
Preliminary Wetland Review
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial
Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc., provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: THOMAS O BOUCHER ETAL

Legend

- Potential Wetland Line
- Owner Area - (+/- 9.92 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **1341 SF**
- F - Emergent/Wet Meadow (Farmed) - **58675 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**



A Division of Robert E. Lee & Associates, Inc.

Page 7

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

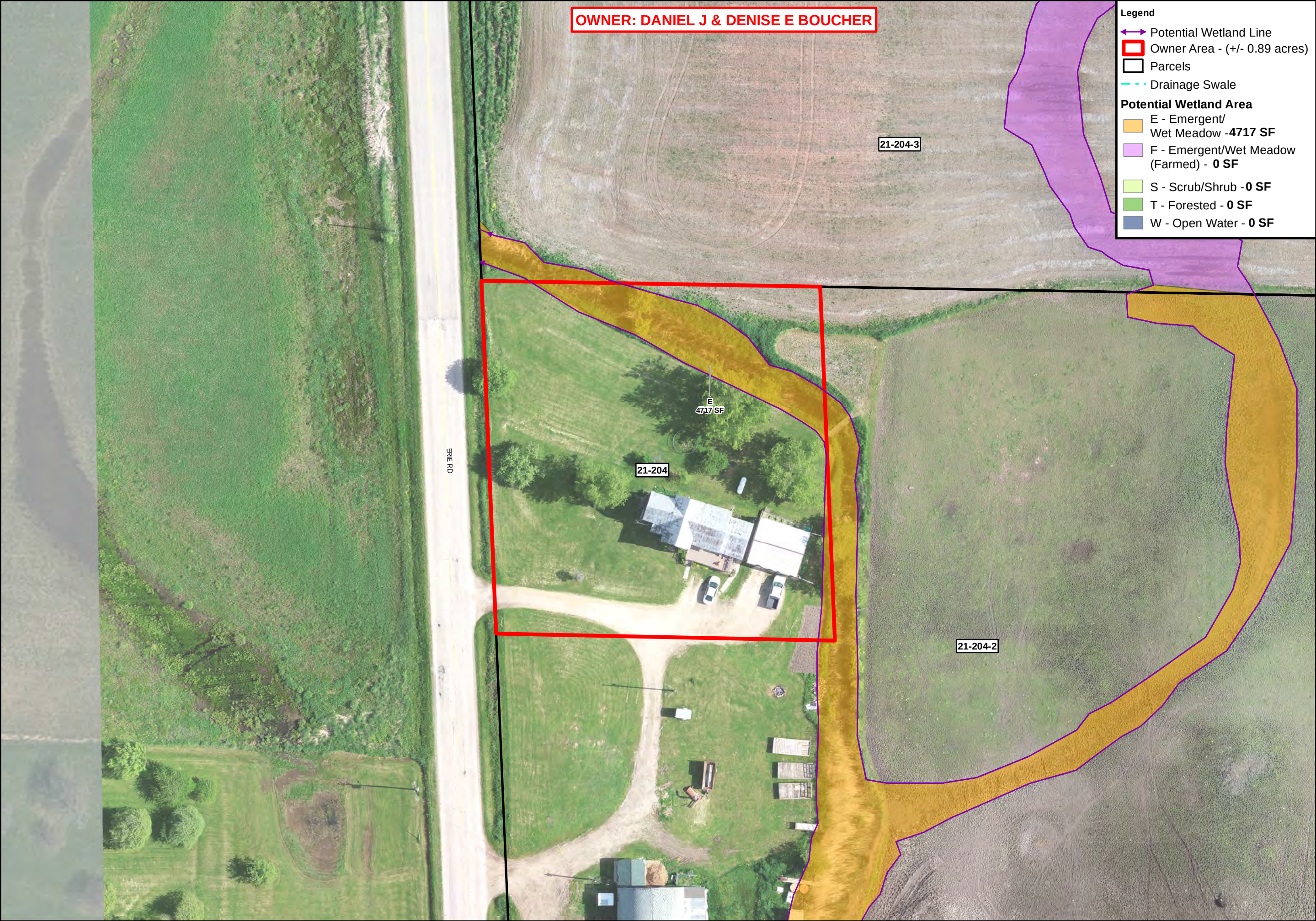
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 100 Feet



OWNER: DANIEL J & DENISE E BOUCHER

Legend

- Potential Wetland Line
- Owner Area - (+/- 0.89 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow -4717 SF
- F - Emergent/Wet Meadow (Farmed) - 0 SF
- S - Scrub/Shrub -0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



A Division of Robert E. Lee & Associates, Inc.

Page 8

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

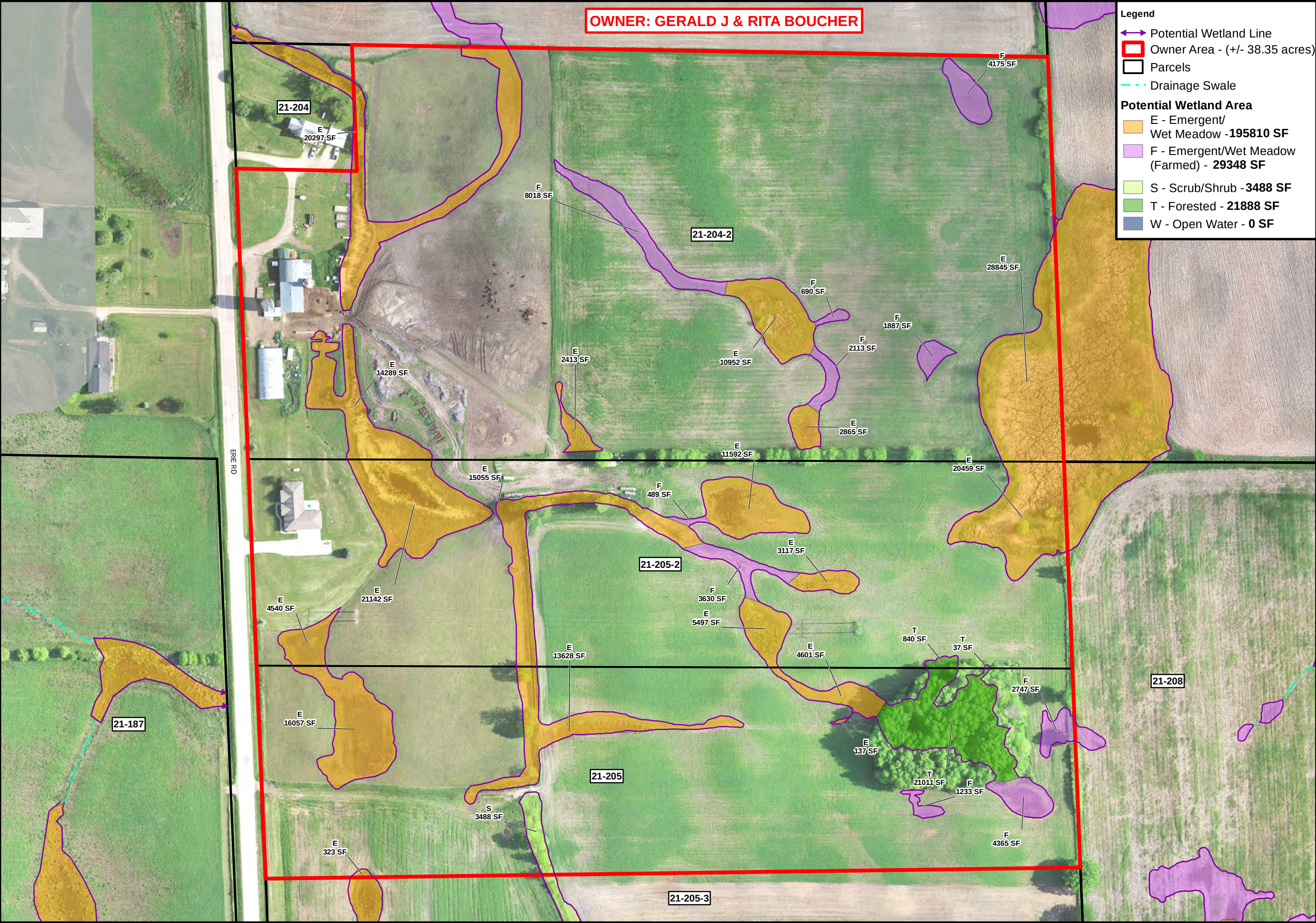
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 50 Feet



OWNER: GERALD J & RITA BOUCHER

Legend

- Potential Wetland Line
- Owner Area - (+/- 38.35 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **195810 SF**
- F - Emergent/Wet Meadow (Farmed) - **29348 SF**
- S - Scrub/Shrub - **3488 SF**
- T - Forested - **21888 SF**
- W - Open Water - **0 SF**

ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 9

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

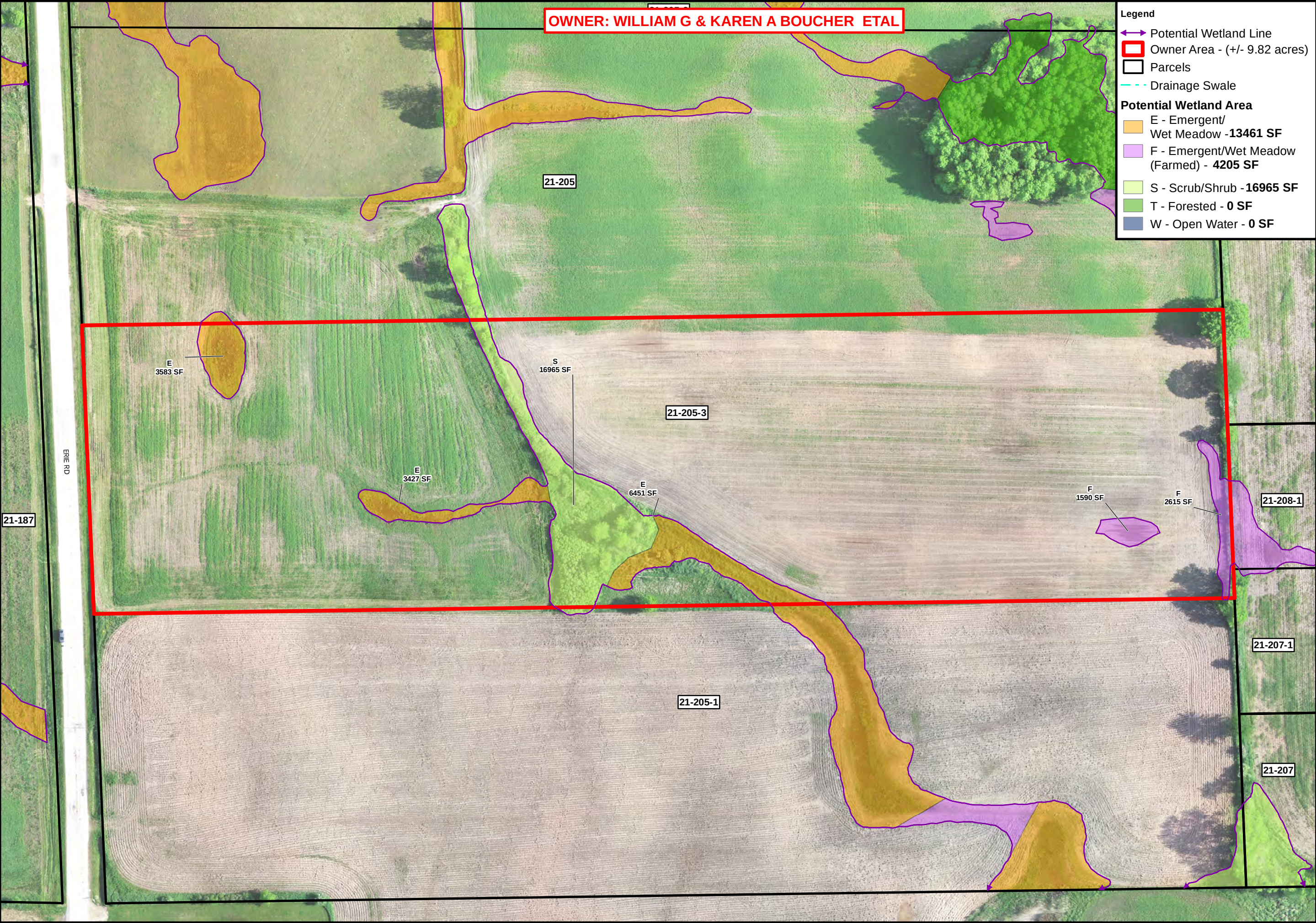
City of Green Bay

Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.

0 140 Feet



OWNER: WILLIAM G & KAREN A BOUCHER ETAL

Legend

- Potential Wetland Line
- Owner Area - (+/- 9.82 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow -13461 SF
- F - Emergent/Wet Meadow (Farmed) - 4205 SF
- S - Scrub/Shrub -16965 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 10

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 100 Feet



OWNER: STUART E & CYNTHIA G FRANKOW

Legend

- Potential Wetland Line
- Owner Area - (+/- 8.22 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/Wet Meadow -4007 SF
- F - Emergent/Wet Meadow (Farmed) - 1500 SF
- S - Scrub/Shrub -11855 SF
- T - Forested - 10737 SF
- W - Open Water - 0 SF



ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 11

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 80 Feet



Legend

- Potential Wetland Line
- Owner Area - (+/- 3.91 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

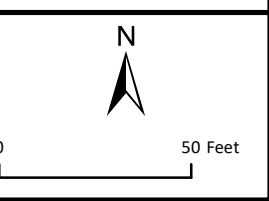
- E - Emergent/Wet Meadow - **9529 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **40099 SF**
- T - Forested - **3512 SF**
- W - Open Water - **0 SF**

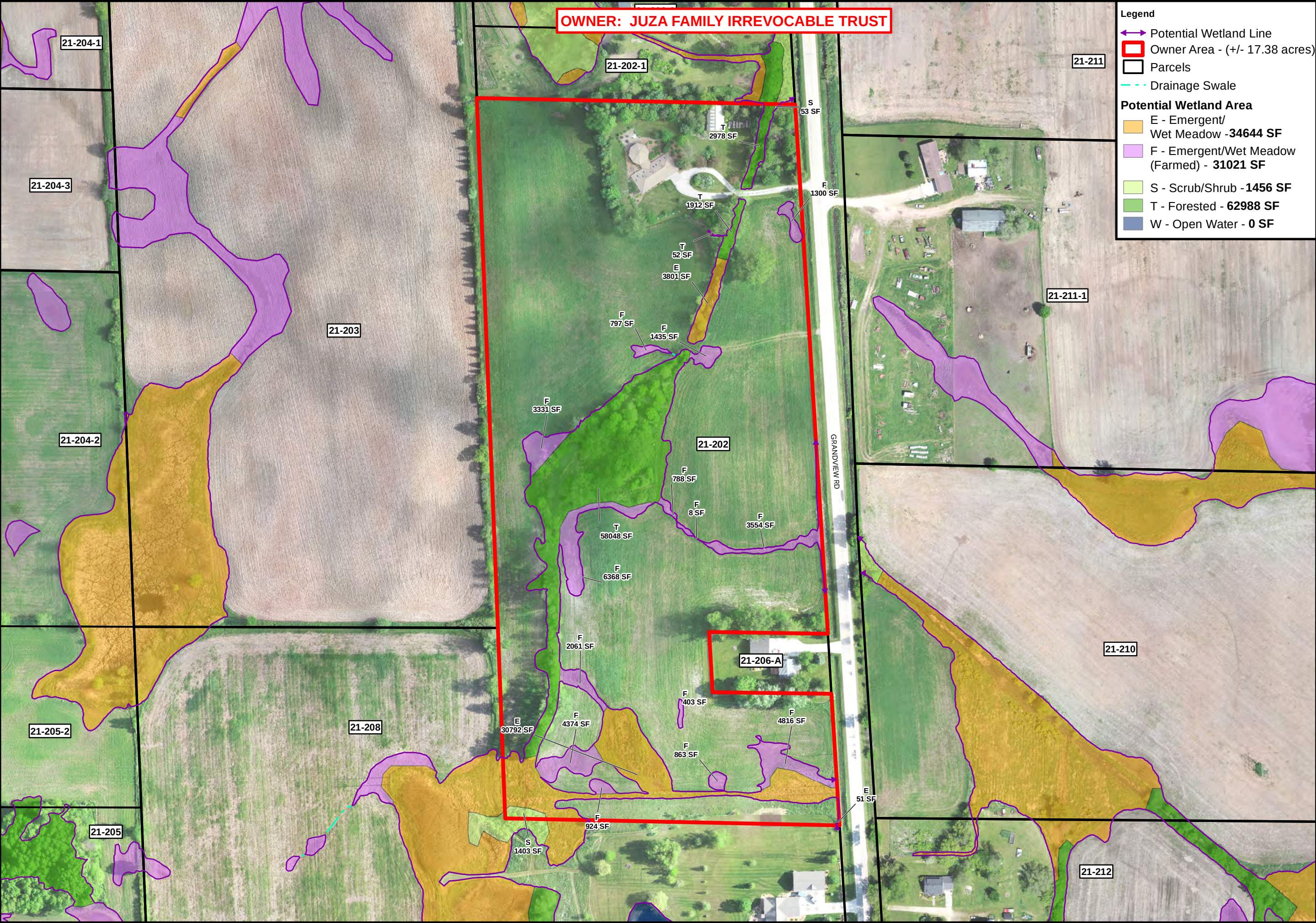


City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: JUZA FAMILY IRREVOCABLE TRUST

Legend

- Potential Wetland Line
- Owner Area - (+/- 17.38 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **34644 SF**
- F - Emergent/Wet Meadow (Farmed) - **31021 SF**
- S - Scrub/Shrub - **1456 SF**
- T - Forested - **62988 SF**
- W - Open Water - **0 SF**

NES
ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

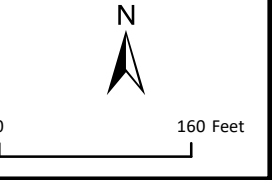
Page 14
Preliminary Wetland Review

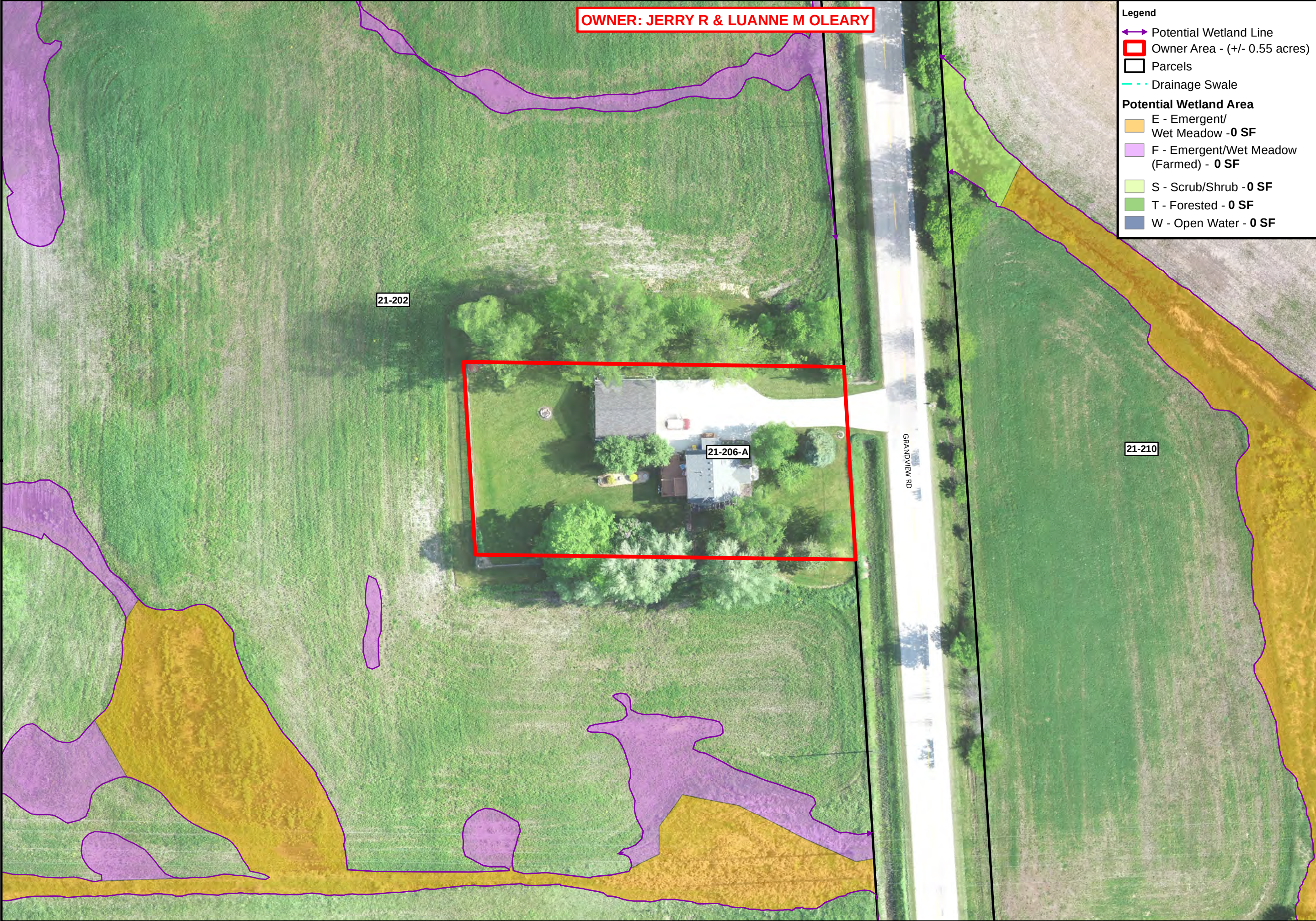
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: JERRY R & LUANNE M OLEARY

Legend

- Potential Wetland Line
- Owner Area - (+/- 0.55 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - 0 SF
- F - Emergent/Wet Meadow (Farmed) - 0 SF
- S - Scrub/Shrub - 0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



A Division of Robert E. Lee & Associates, Inc.

Page 15

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

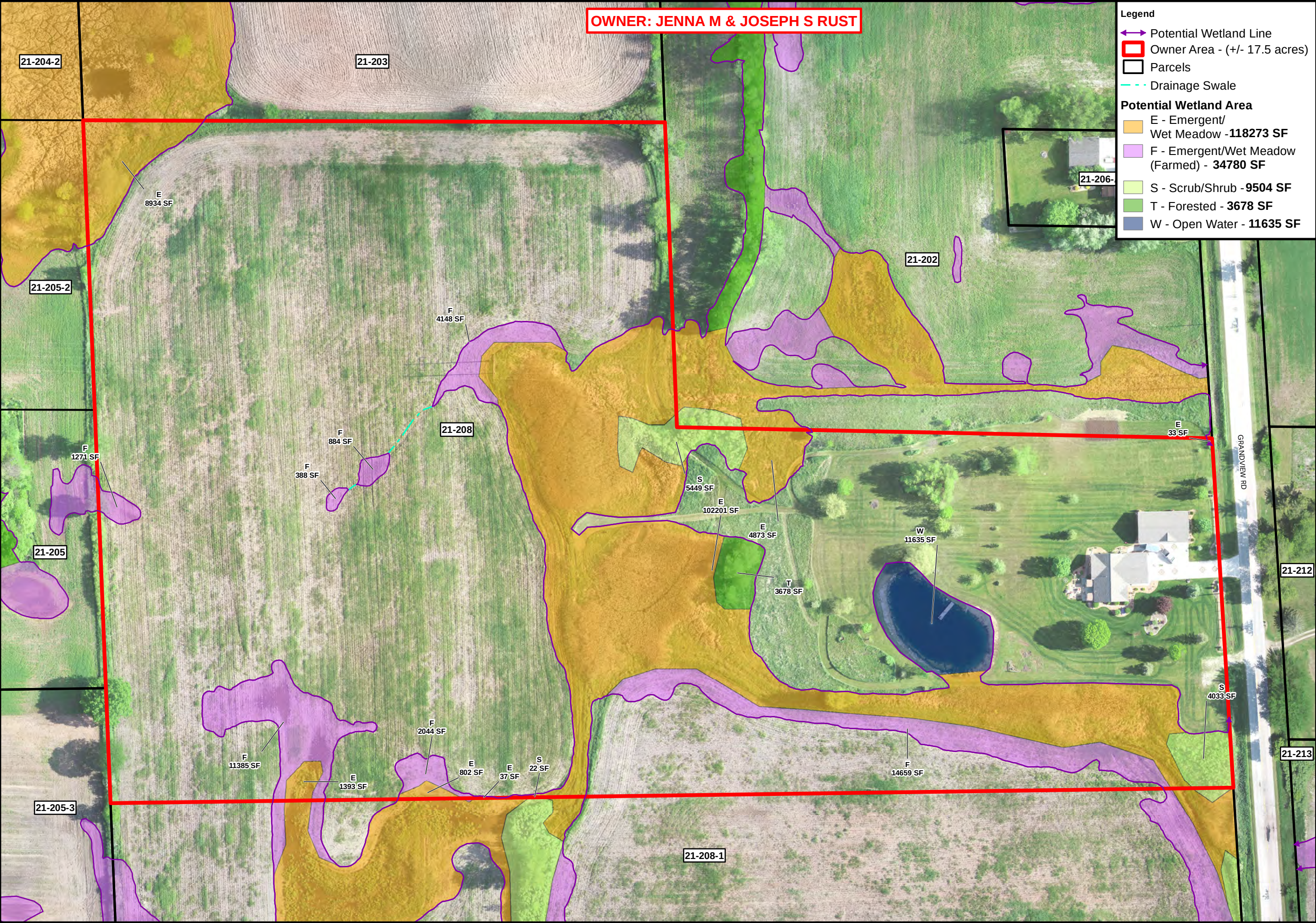
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 50 Feet



OWNER: JENNA M & JOSEPH S RUST

Legend

- Potential Wetland Line
- Owner Area - (+/- 17.5 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/Wet Meadow - **118273 SF**
- F - Emergent/Wet Meadow (Farmed) - **34780 SF**
- S - Scrub/Shrub - **9504 SF**
- T - Forested - **3678 SF**
- W - Open Water - **11635 SF**

Page 16

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

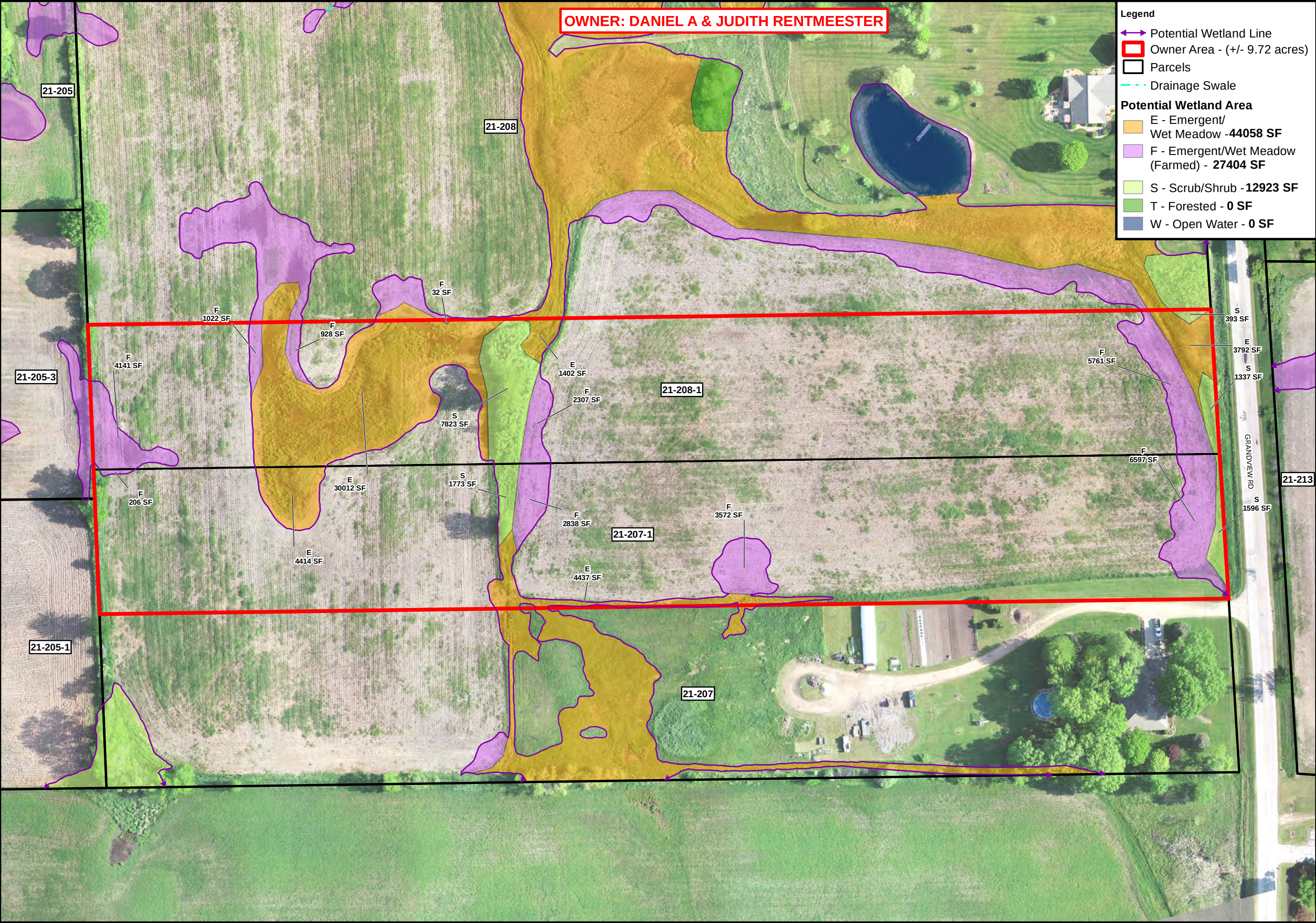
NES Project No. 1057061

City of Green Bay

Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



OWNER: DANIEL A & JUDITH RENTMEESTER

Legend

- Potential Wetland Line
- Owner Area - (+/- 9.72 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **44058 SF**
- F - Emergent/Wet Meadow (Farmed) - **27404 SF**
- S - Scrub/Shrub - **12923 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

Page 17

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

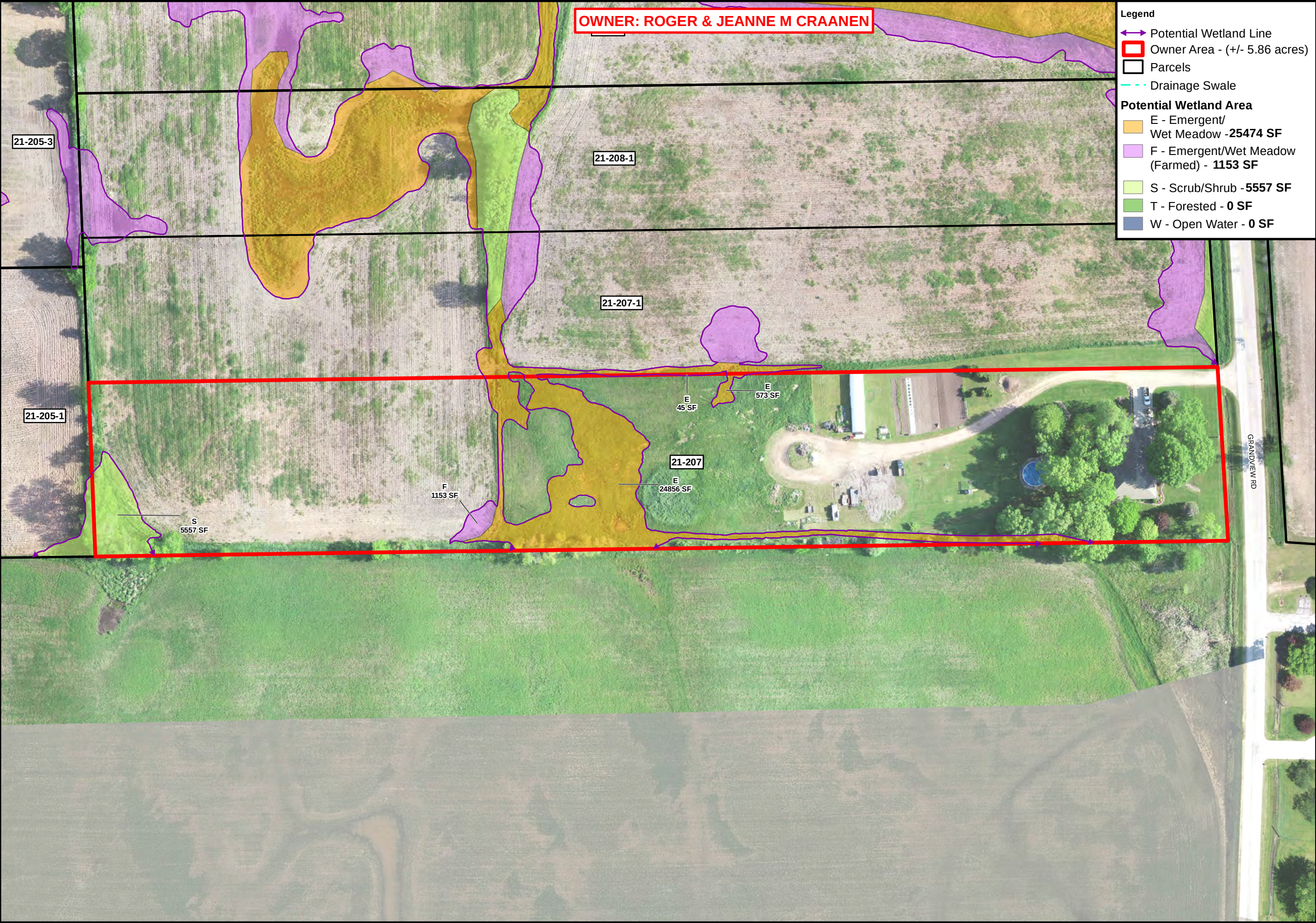
NES Project No. 1057061

City of Green Bay

Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



OWNER: ROGER & JEANNE M CRAANEN

Legend

- Potential Wetland Line
- Owner Area - (+/- 5.86 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **25474 SF**
- F - Emergent/Wet Meadow (Farmed) - **1153 SF**
- S - Scrub/Shrub - **5557 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**



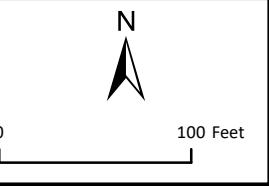
Page 18
Preliminary Wetland Review

6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 100 Feet



OWNER: RICHARD R & CAROL J NACHTWEY

Legend

Potential Wetland Line

Owner Area - (+/- 3.08 acres)

Parcels

Drainage Swale

Potential Wetland Area

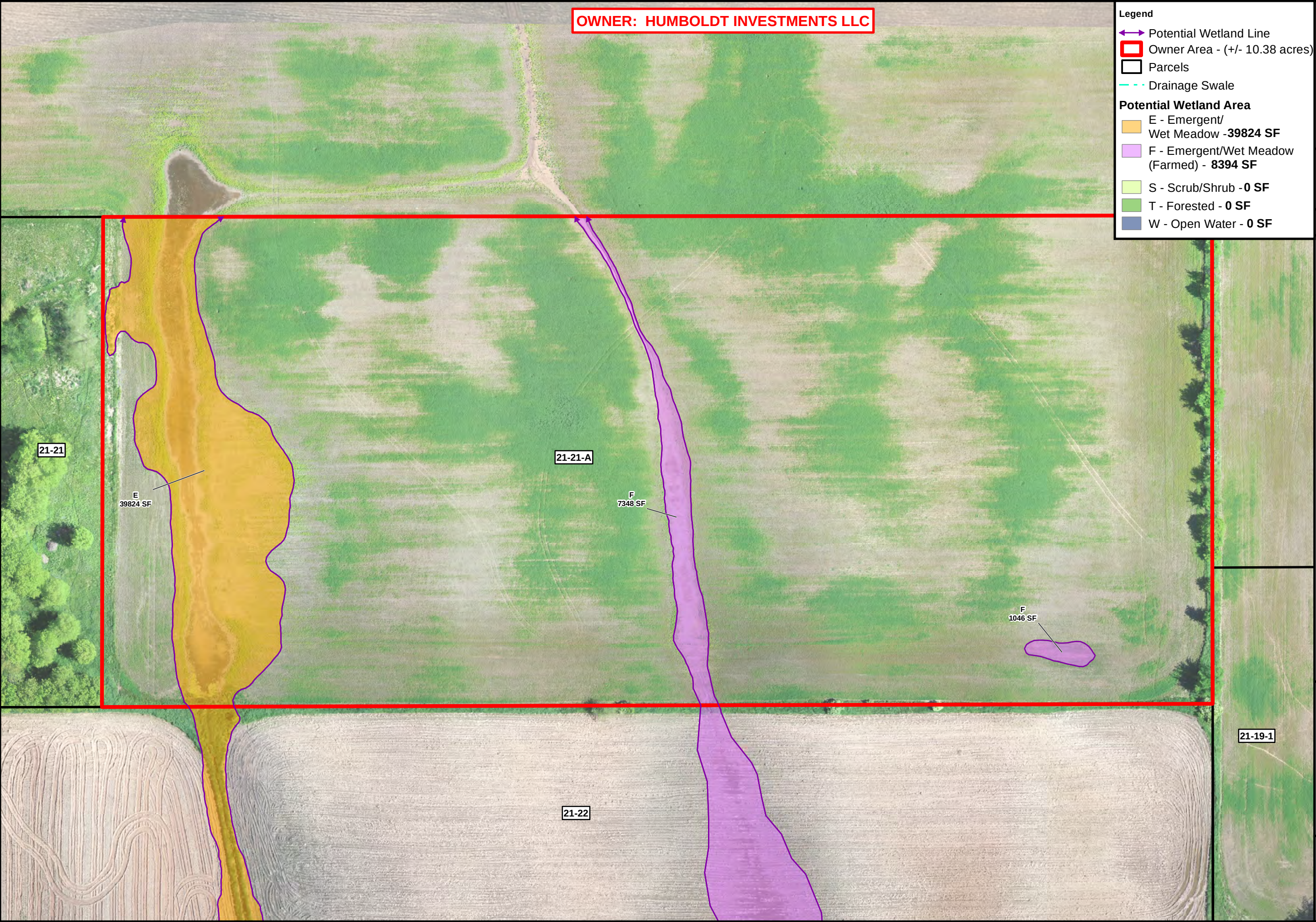
E - Emergent/
Wet Meadow -0 SF

F - Emergent/Wet Meadow
(Farmed) - 0 SF

S - Scrub/Shrub -0 SF

T - Forested - 0 SF

W - Open Water - 0 SF



OWNER: HUMBOLDT INVESTMENTS LLC

Legend

- Potential Wetland Line
- Owner Area - (+/- 10.38 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/Wet Meadow - **39824 SF**
- F - Emergent/Wet Meadow (Farmed) - **8394 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

NES
ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 20

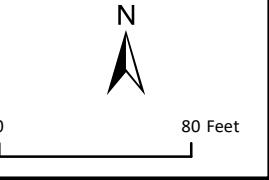
Preliminary Wetland Review

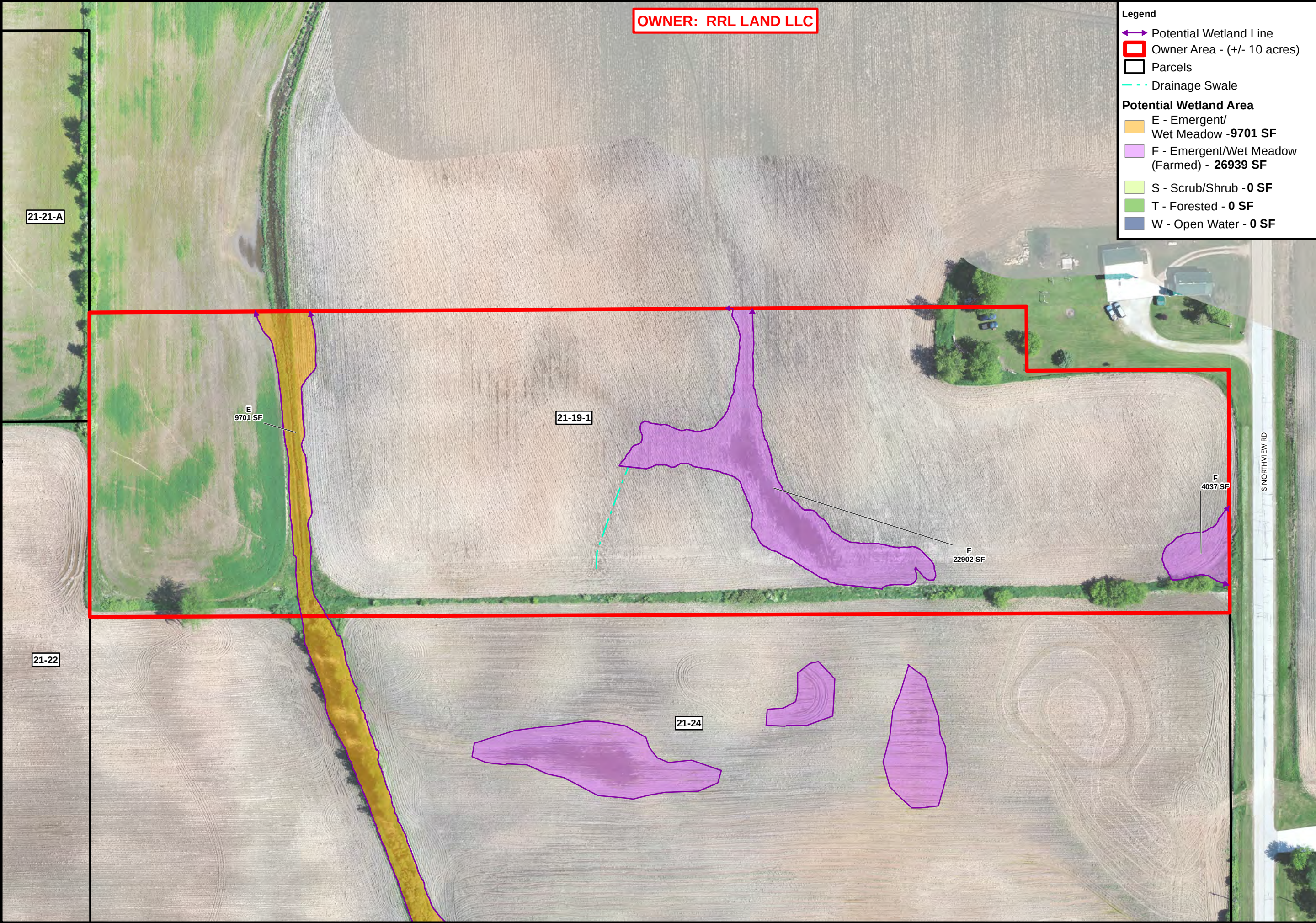
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: RRL LAND LLC

Legend

Potential Wetland Line

Owner Area - (+/- 10 acres)

Parcels

Drainage Swale

Potential Wetland Area

E - Emergent/
Wet Meadow - 9701 SF

F - Emergent/Wet Meadow
(Farmed) - 26939 SF

S - Scrub/Shrub - 0 SF

T - Forested - 0 SF

W - Open Water - 0 SF

NES

ECOLOGICAL SERVICES

A Division of Robert E. Lee & Associates, Inc.

Page 21

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

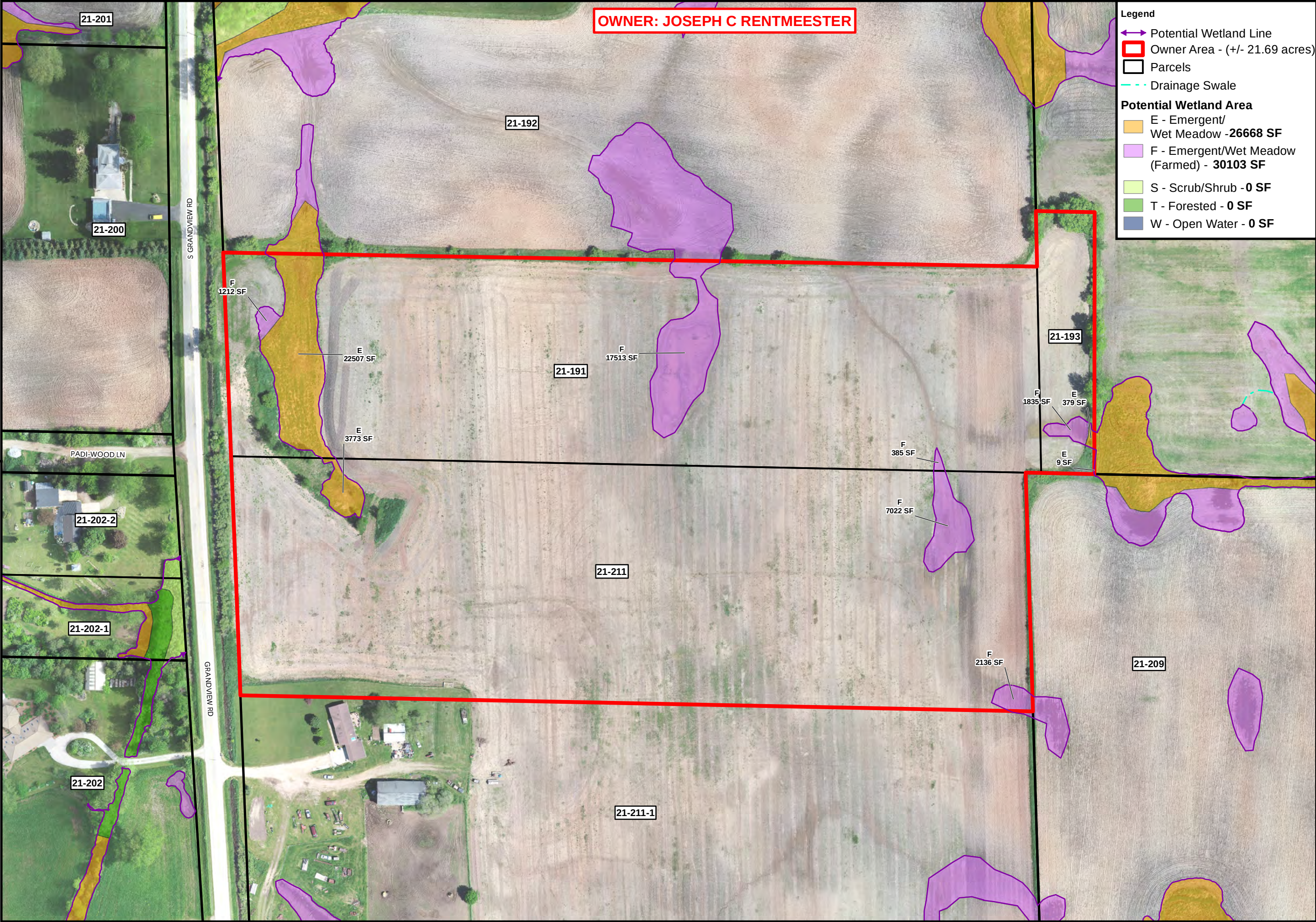
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc.,
May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.

N

0 100 Feet



OWNER: JOSEPH C RENTMEESTER

Legend

- Potential Wetland Line
- Owner Area - (+/- 21.69 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

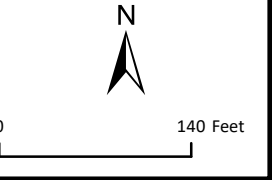
- E - Emergent/ Wet Meadow - 26668 SF
- F - Emergent/Wet Meadow (Farmed) - 30103 SF
- S - Scrub/Shrub - 0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF

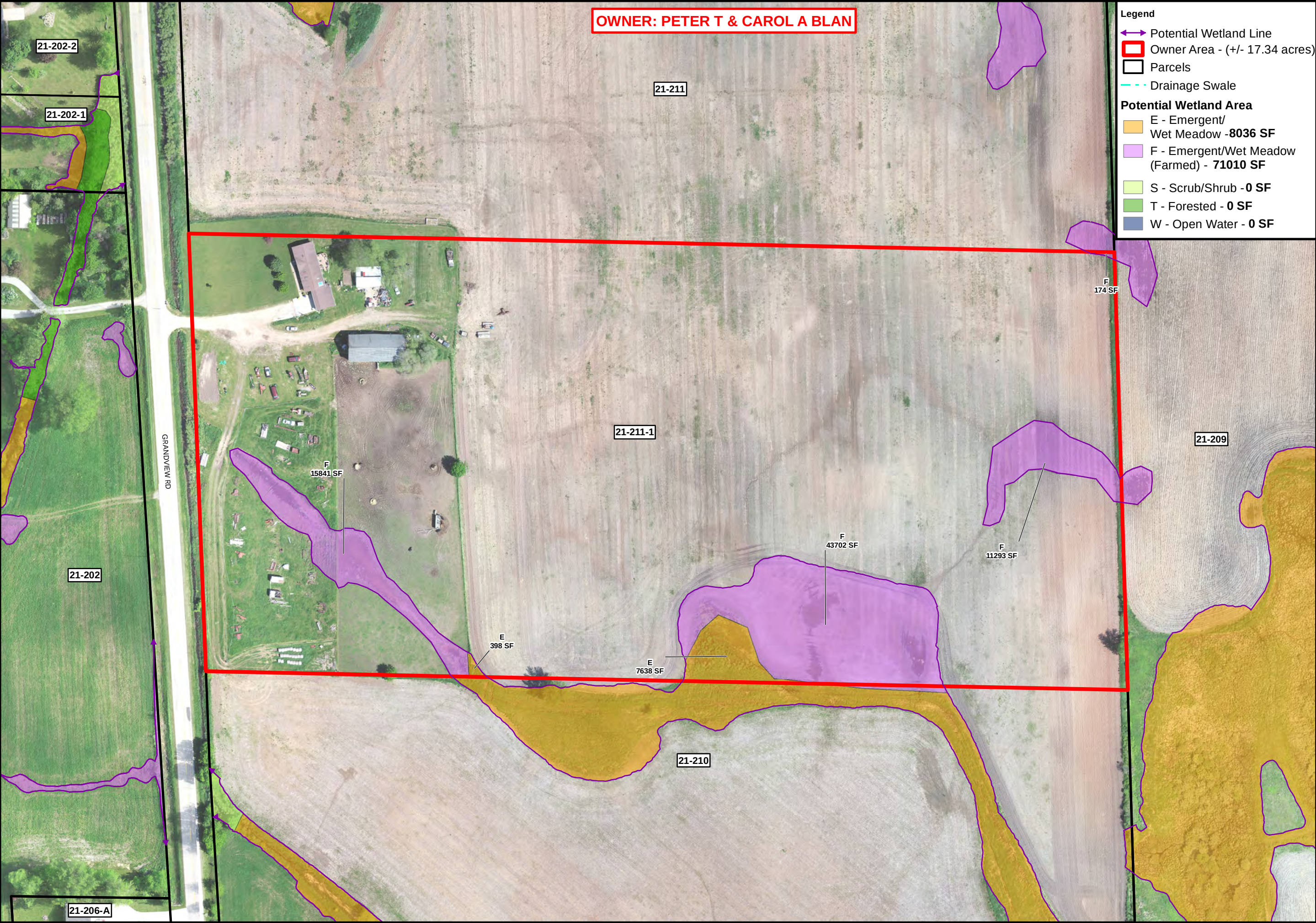


Page 23
Preliminary Wetland Review
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial
Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: PETER T & CAROL A BLAN

Legend

- Potential Wetland Line
- Owner Area - (+/- 17.34 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - 8036 SF
- F - Emergent/Wet Meadow (Farmed) - 71010 SF
- S - Scrub/Shrub - 0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



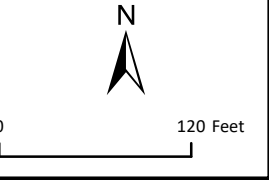
Page 24
Preliminary Wetland Review

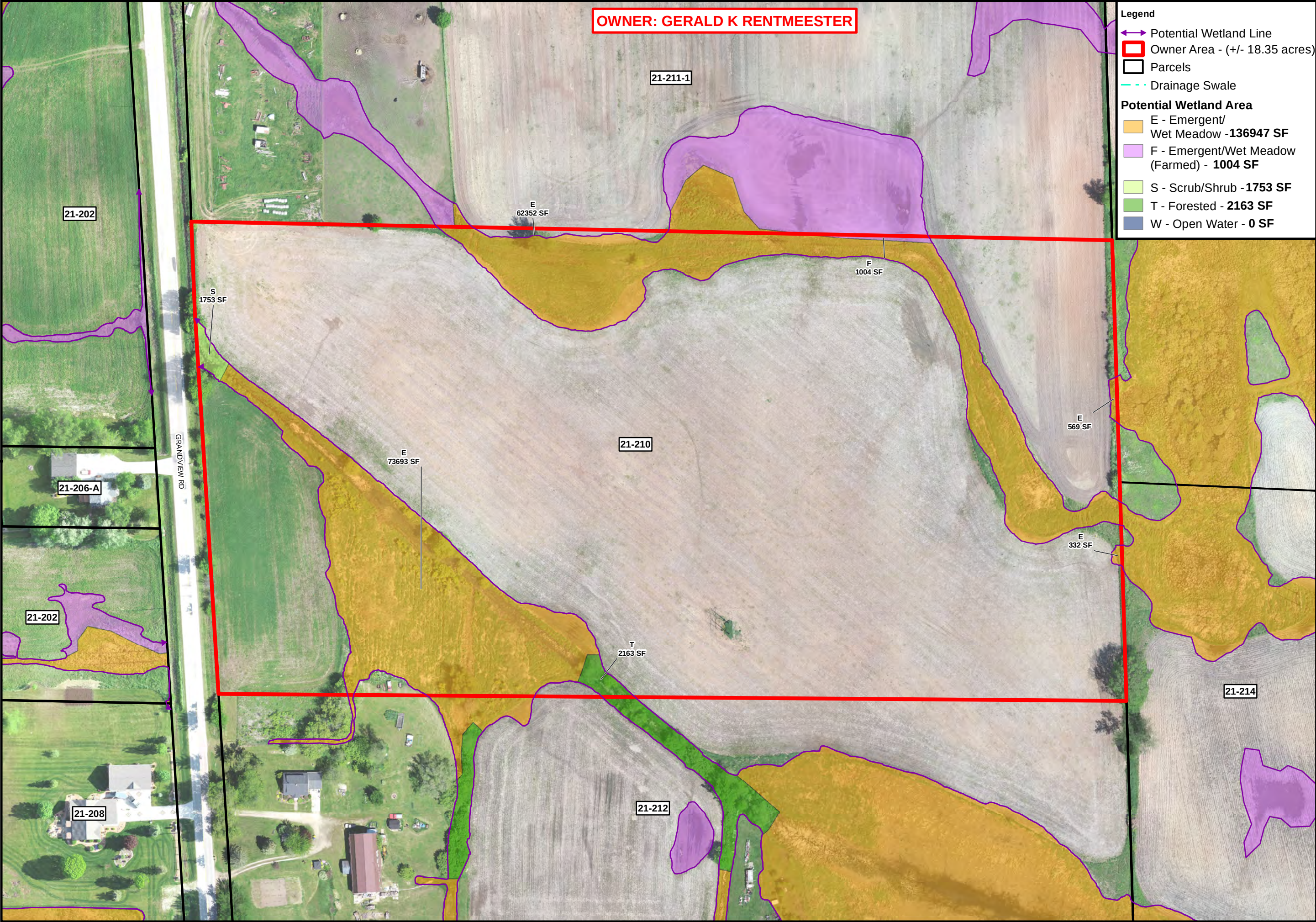
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: GERALD K RENTMEESTER

Legend

- Potential Wetland Line
- Owner Area - (+/- 18.35 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **136947 SF**
- F - Emergent/Wet Meadow (Farmed) - **1004 SF**
- S - Scrub/Shrub - **1753 SF**
- T - Forested - **2163 SF**
- W - Open Water - **0 SF**

NES
ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

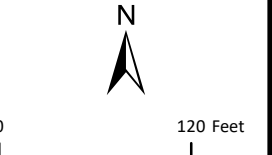
Page 25
Preliminary Wetland Review

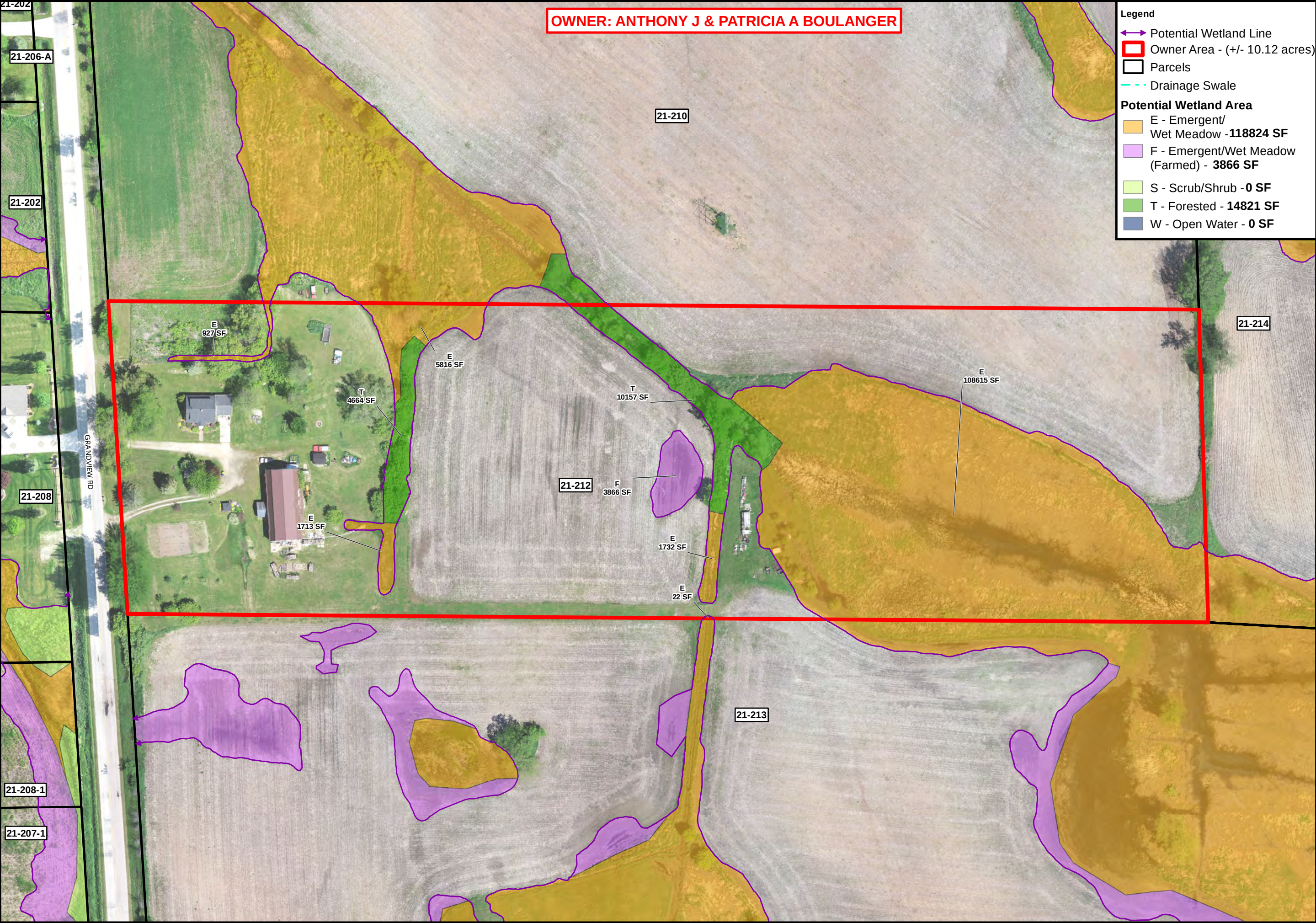
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc., provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: ANTHONY J & PATRICIA A BOULANGER

Legend

- Potential Wetland Line
- Owner Area - (+/- 10.12 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

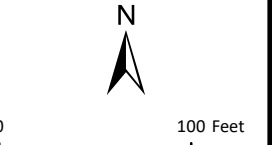
- E - Emergent/ Wet Meadow - **118824 SF**
- F - Emergent/Wet Meadow (Farmed) - **3866 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **14821 SF**
- W - Open Water - **0 SF**

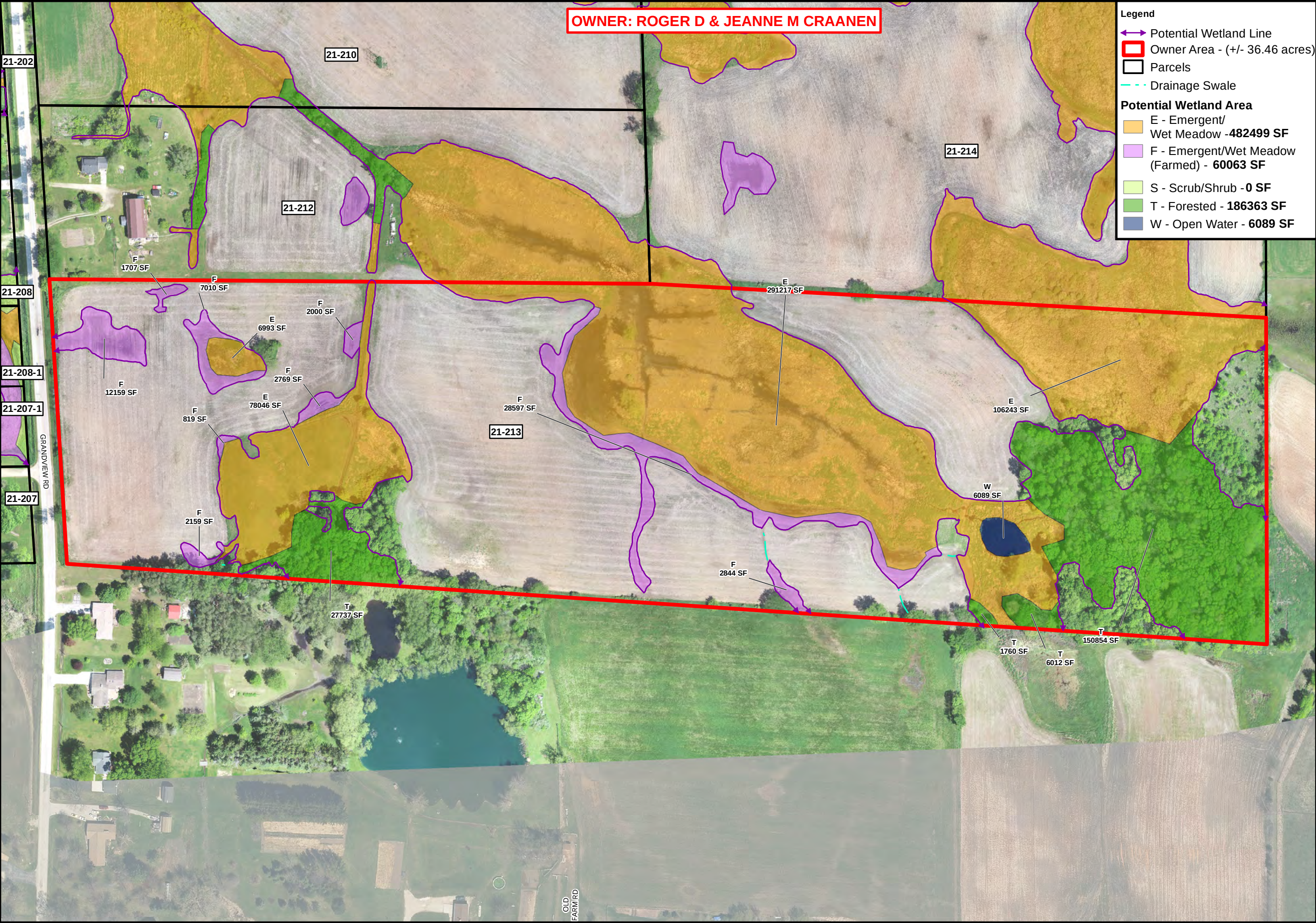
Page 26
Preliminary Wetland Review
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: ROGER D & JEANNE M CRAANEN

Legend

- Potential Wetland Line
- Owner Area - (+/- 36.46 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **482499 SF**
- F - Emergent/Wet Meadow (Farmed) - **60063 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **186363 SF**
- W - Open Water - **6089 SF**



ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 27

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

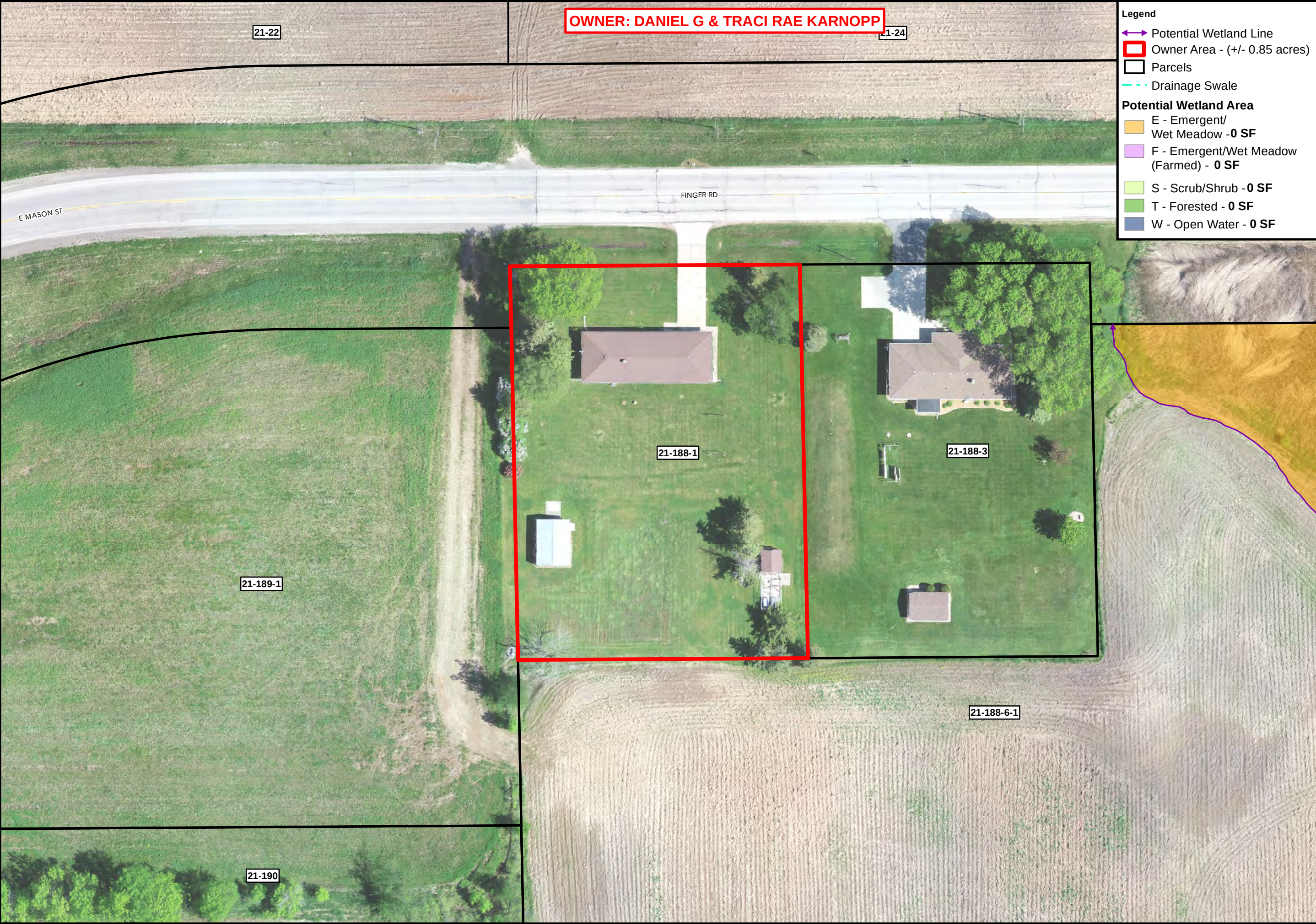
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 180 Feet



OWNER: DANIEL G & TRACI RAE KARNOPP

Legend

- Potential Wetland Line
- Owner Area - (+/- 0.85 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - 0 SF
- F - Emergent/Wet Meadow (Farmed) - 0 SF
- S - Scrub/Shrub - 0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 28

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

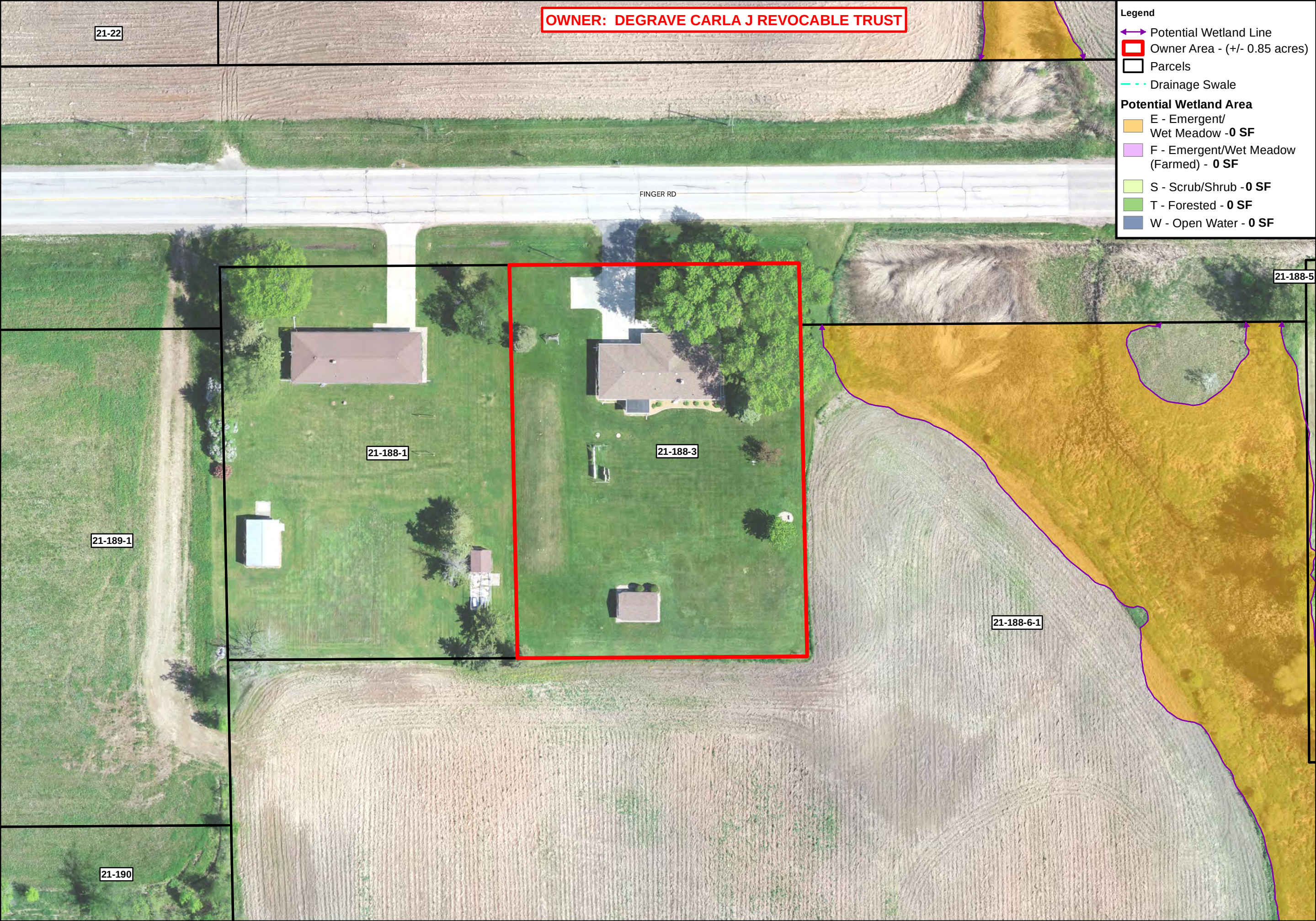
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 50 Feet



OWNER: DEGRAVE CARLA J REVOCABLE TRUST

Legend

- Potential Wetland Line
- Owner Area - (+/- 0.85 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - 0 SF
- F - Emergent/Wet Meadow (Farmed) - 0 SF
- S - Scrub/Shrub - 0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



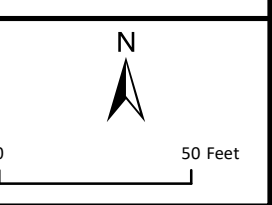
Page 29
Preliminary Wetland Review

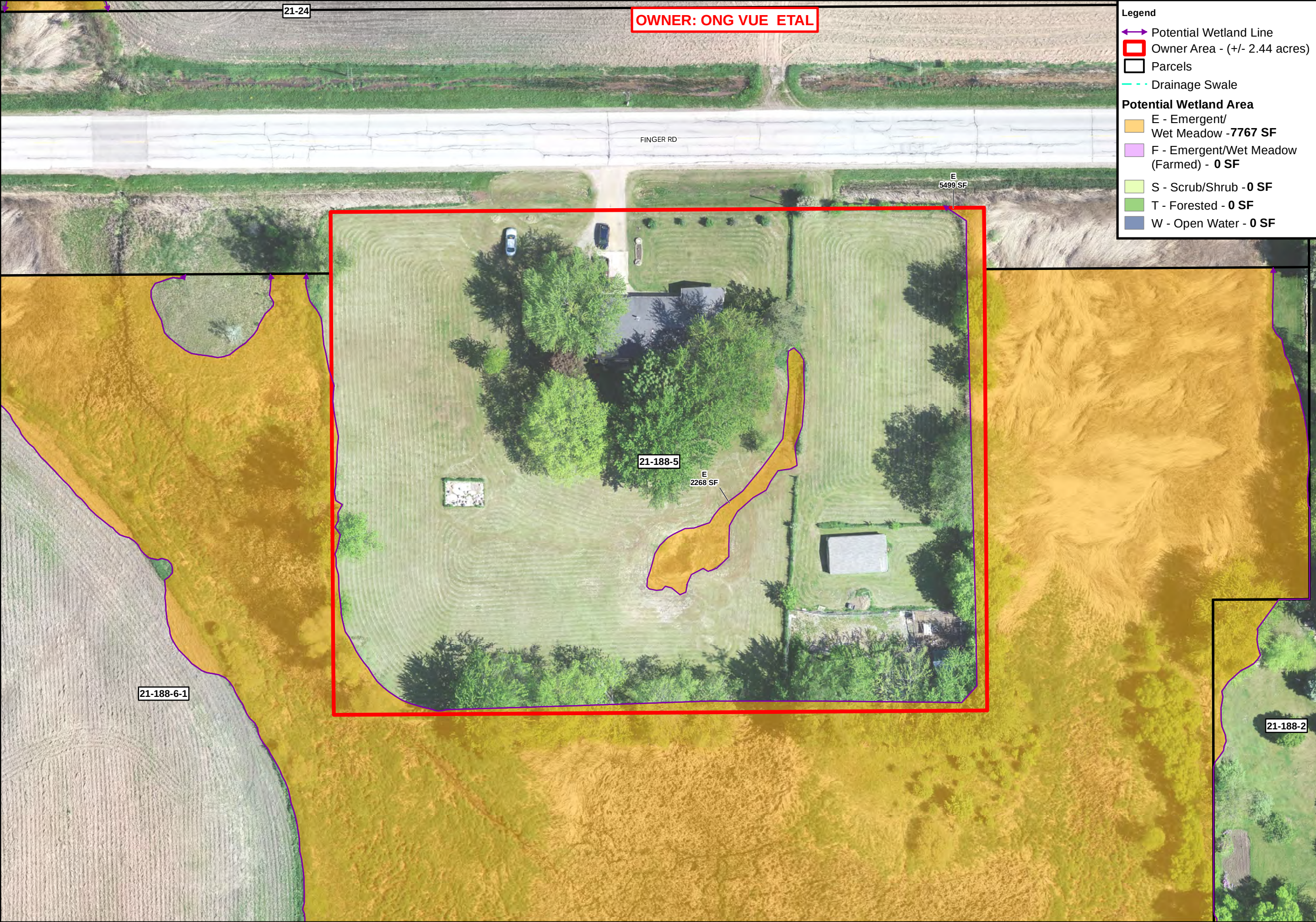
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





Legend

- Potential Wetland Line
- Owner Area - (+/- 2.44 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow -7767 SF
- F - Emergent/Wet Meadow (Farmed) - 0 SF
- S - Scrub/Shrub -0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF

Page 30
Preliminary Wetland Review

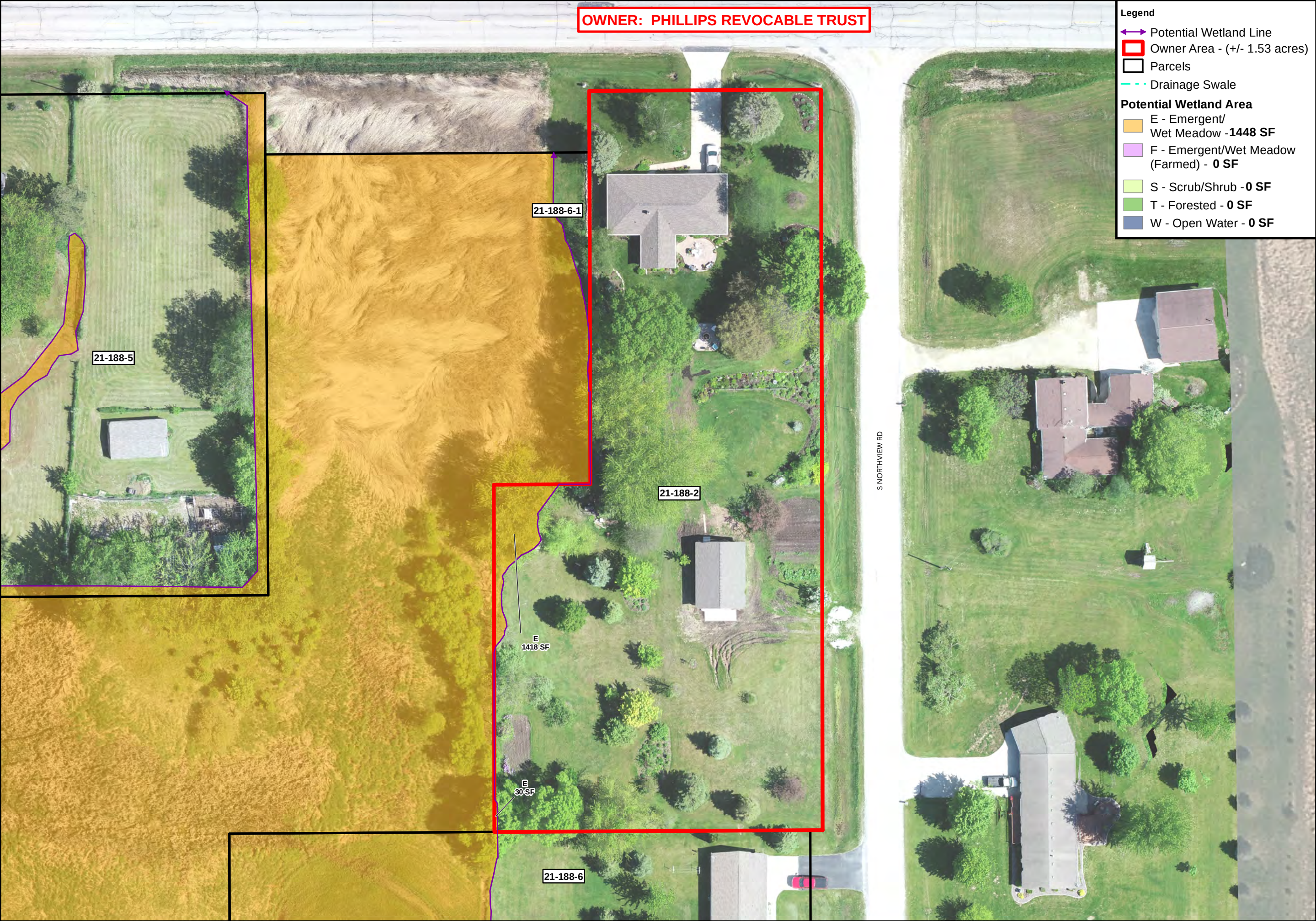
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.

0 50 Feet



OWNER: PHILLIPS REVOCABLE TRUST

Legend

- Potential Wetland Line
- Owner Area - (+/- 1.53 acres)
- Parcels
- Drainage Swale

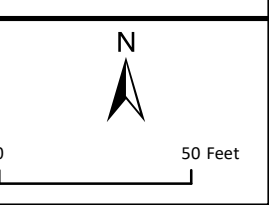
Potential Wetland Area

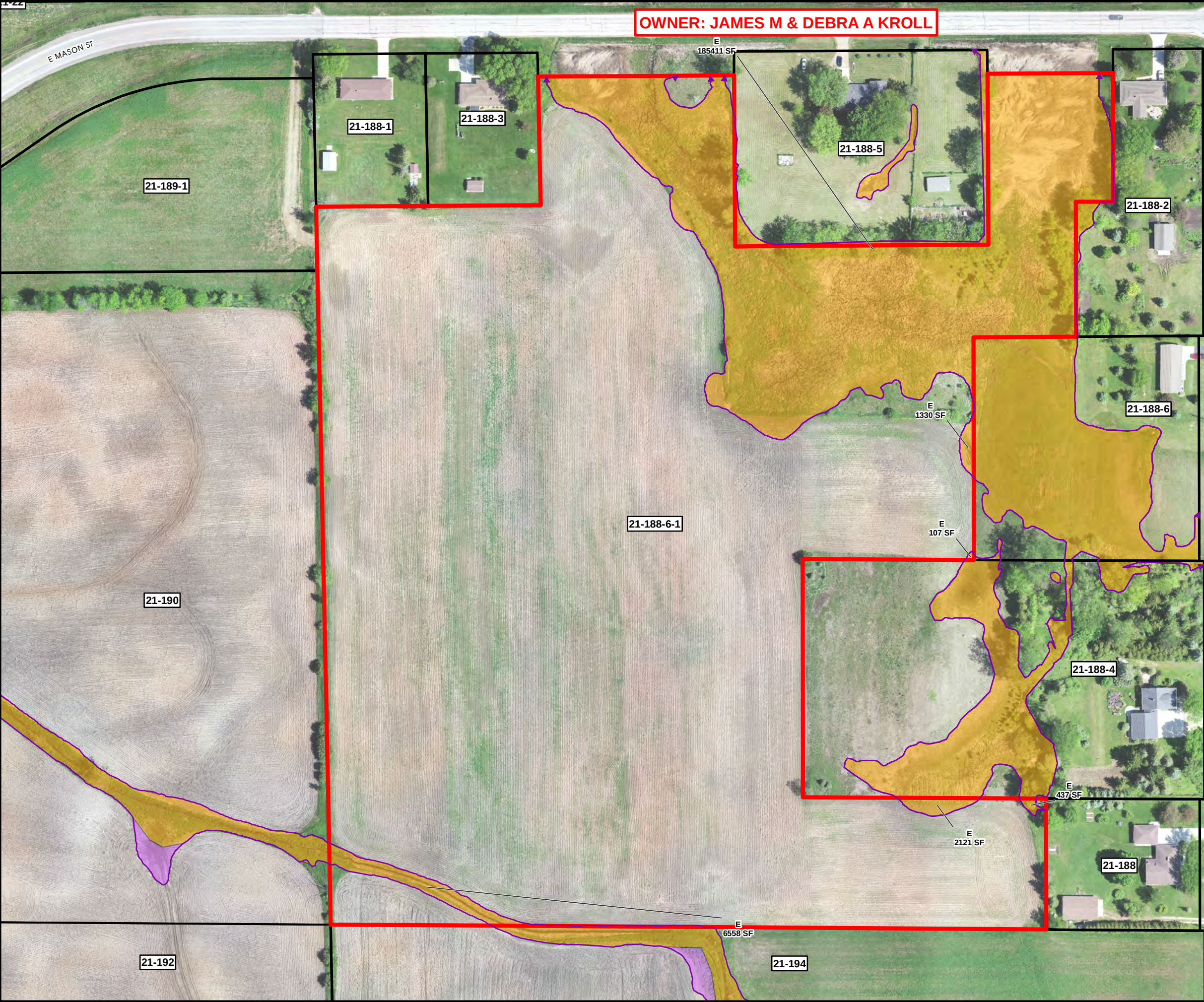
- E - Emergent/ Wet Meadow -1448 SF
- F - Emergent/Wet Meadow (Farmed) - 0 SF
- S - Scrub/Shrub -0 SF
- T - Forested - 0 SF
- W - Open Water - 0 SF



City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial
Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc., provides this map without any warranty of any kind whatsoever, either expressed or implied.





Legend

- Potential Wetland Line
- Owner Area - (+/- 23.93 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/Wet Meadow - **195964 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

NES
ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

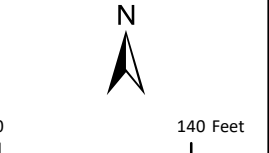
Page 32
Preliminary Wetland Review

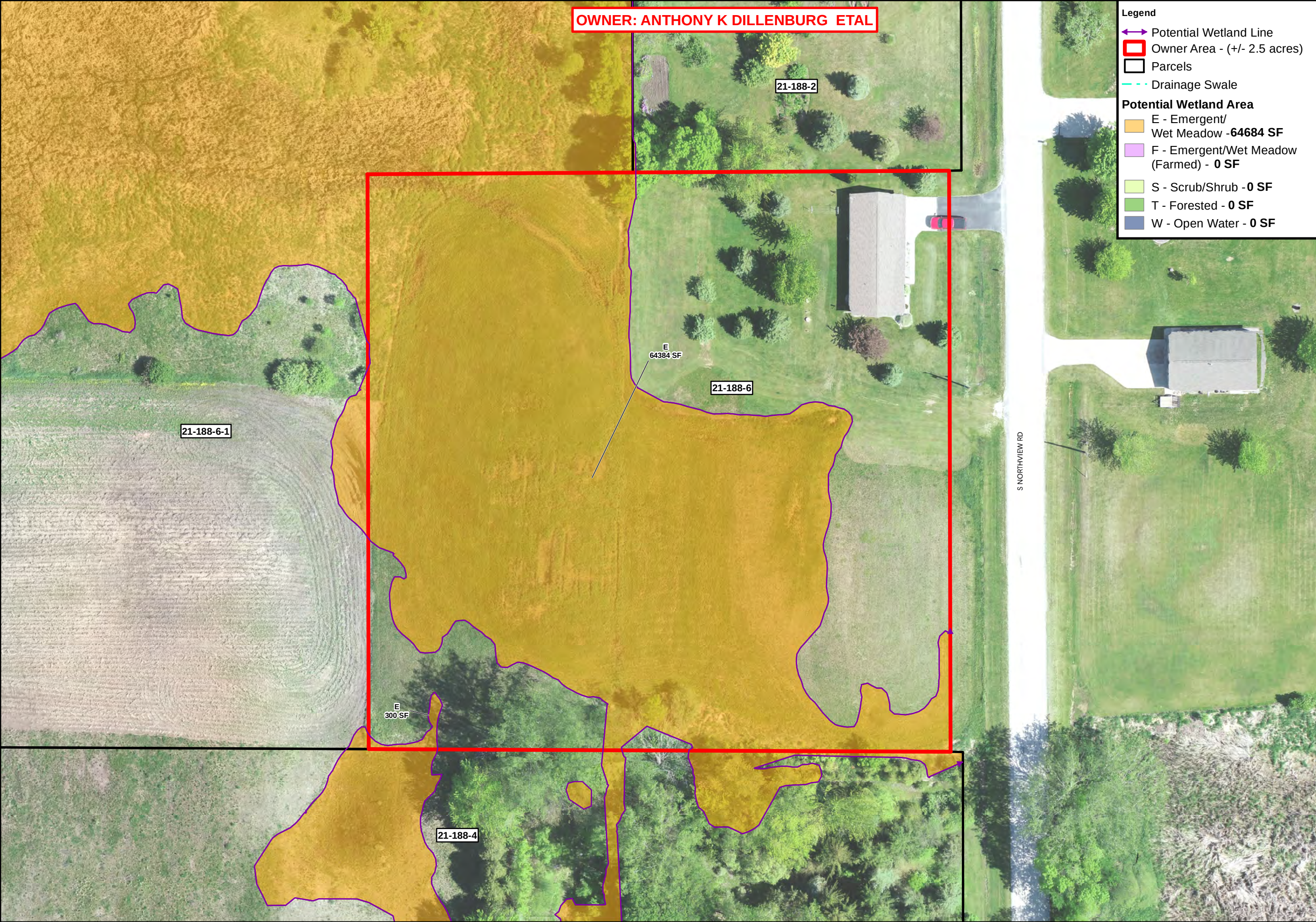
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: ANTHONY K DILLENBURG ETAL

Legend

- Potential Wetland Line
- Owner Area - (+/- 2.5 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **64684 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

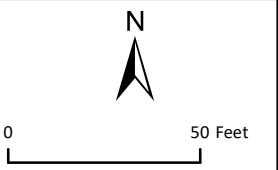


Page 33
Preliminary Wetland Review
6/28/2019

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





Legend

- Potential Wetland Line
- Owner Area - (+/- 4.74 acres)
- Parcels
- Drainage Swale

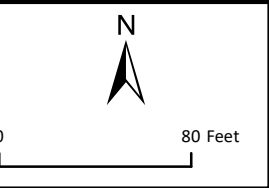
Potential Wetland Area

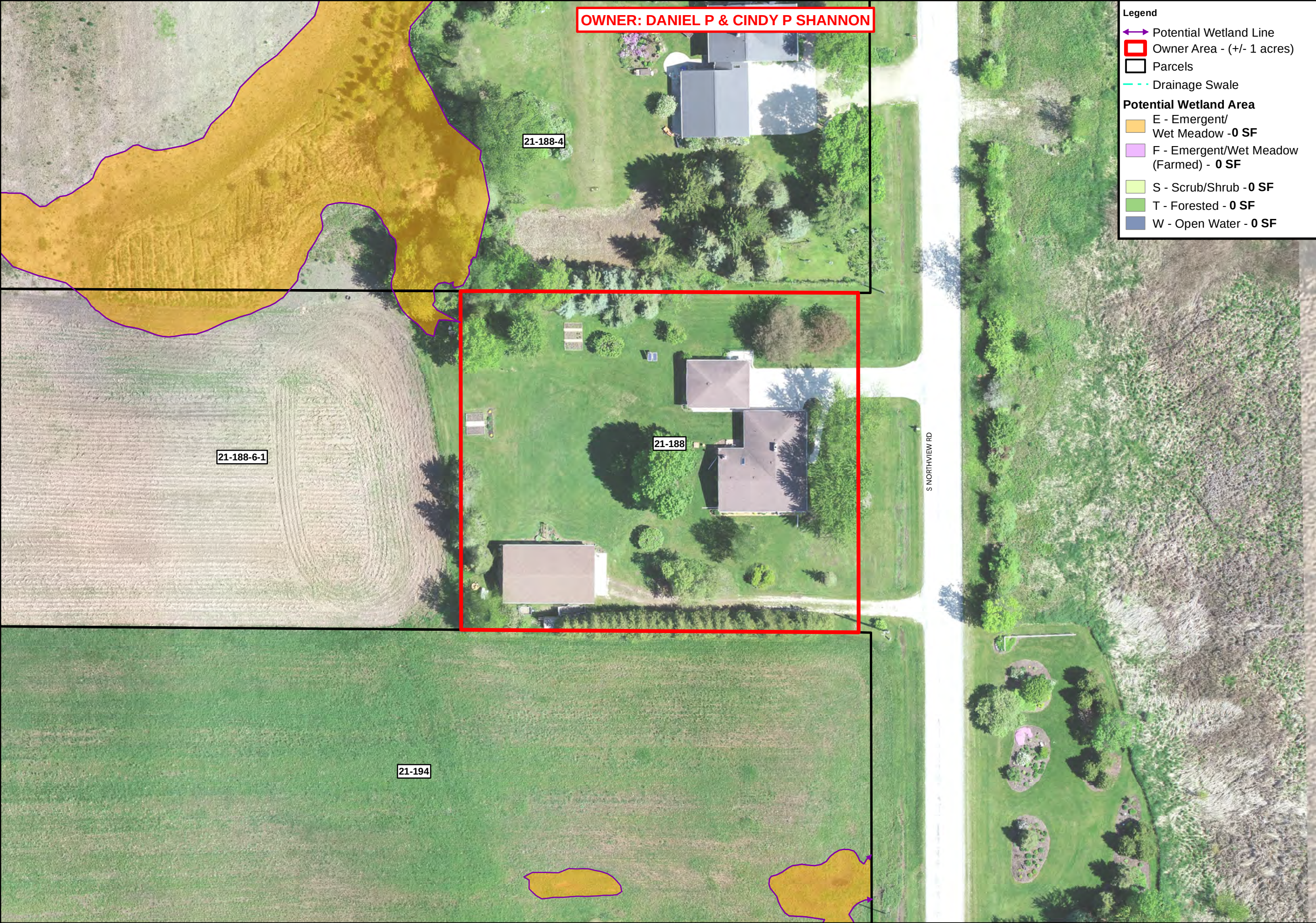
- E - Emergent/ Wet Meadow - **44068 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.





OWNER: DANIEL P & CINDY P SHANNON

Legend

- Potential Wetland Line
- Owner Area - (+/- 1 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **0 SF**
- F - Emergent/Wet Meadow (Farmed) - **0 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**



ECOLOGICAL SERVICES
A Division of Robert E. Lee & Associates, Inc.

Page 35

Preliminary Wetland Review

6/28/2019

City of Green Bay

Preliminary Wetland Investigation

NES Project No. 1057061

City of Green Bay

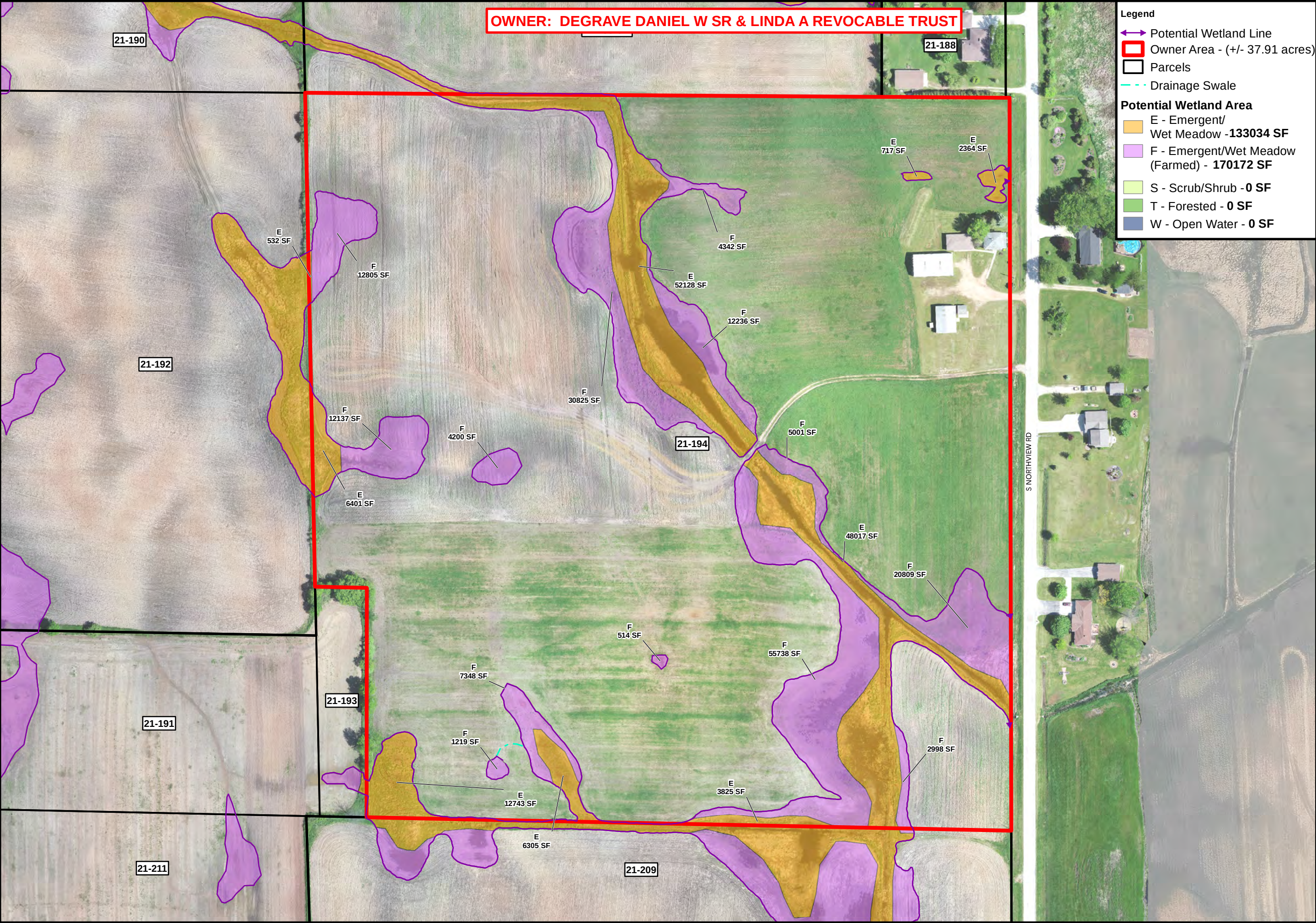
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc.,
May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 50 Feet



OWNER: DEGRAVE DANIEL W SR & LINDA A REVOCABLE TRUST

Legend

- Potential Wetland Line
- Owner Area - (+/- 37.91 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

- E - Emergent/ Wet Meadow - **133034 SF**
- F - Emergent/Wet Meadow (Farmed) - **170172 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **0 SF**



Page 36
Preliminary Wetland Review

6/28/2019

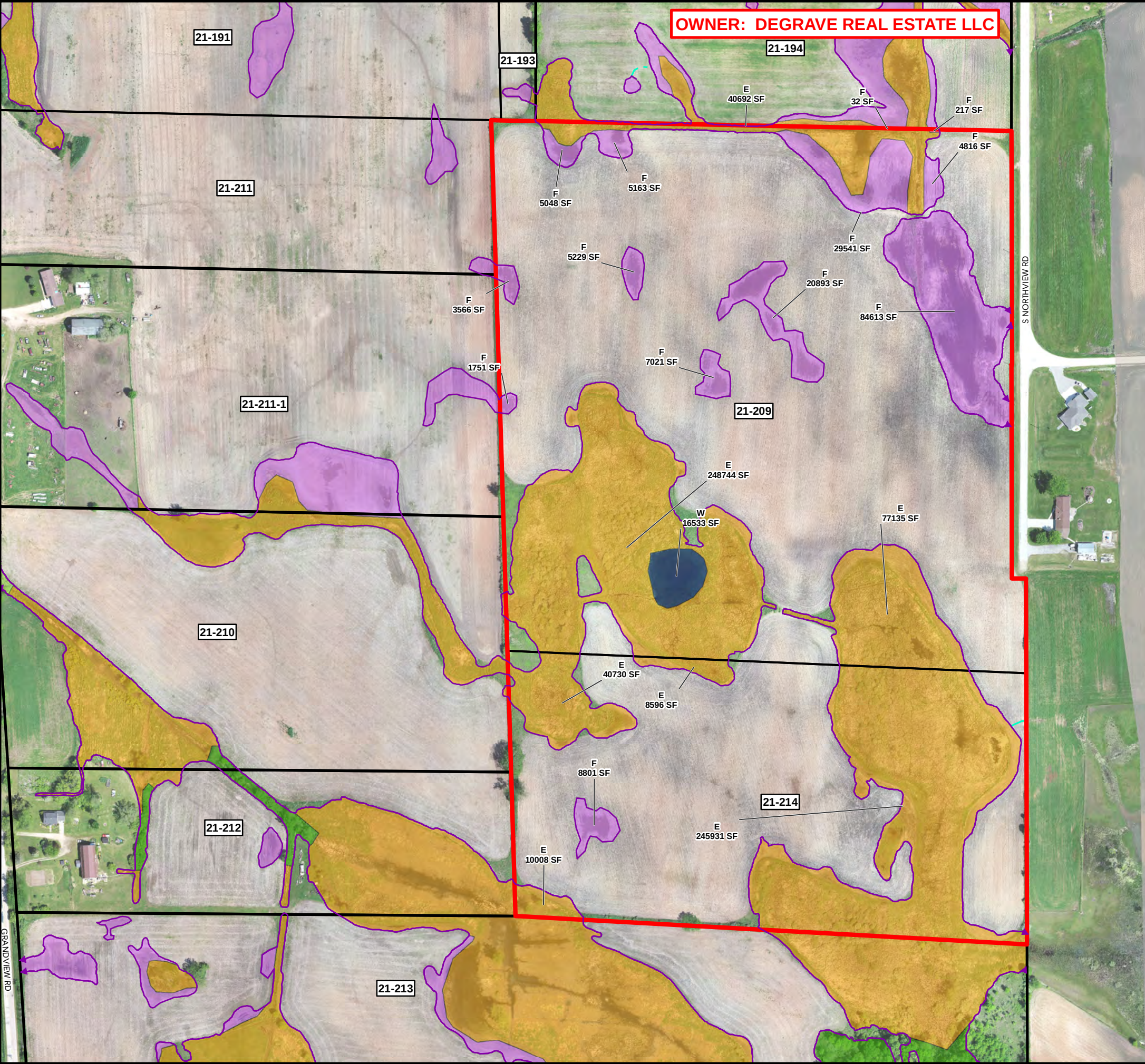
City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc.,
May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.



0 160 Feet



OWNER: DEGRAVE REAL ESTATE LLC

Legend

- Potential Wetland Line
- Owner Area - (+/- 58.03 acres)
- Parcels
- Drainage Swale

Potential Wetland Area

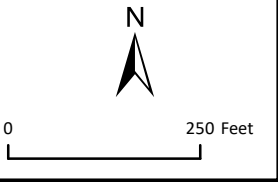
- E - Emergent/Wet Meadow - **671835 SF**
- F - Emergent/Wet Meadow (Farmed) - **176690 SF**
- S - Scrub/Shrub - **0 SF**
- T - Forested - **0 SF**
- W - Open Water - **16533 SF**



City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

Sources: Robert E. Lee & Associates, Inc., May 2019 UAV Aerial

Disclaimer: Robert E. Lee & Associates, Inc. makes every effort to ensure this map is free of errors but does not warrant the map or its features are either spatially or temporally accurate or fit for a particular use. Robert E. Lee & Associates, Inc. provides this map without any warranty of any kind whatsoever, either expressed or implied.

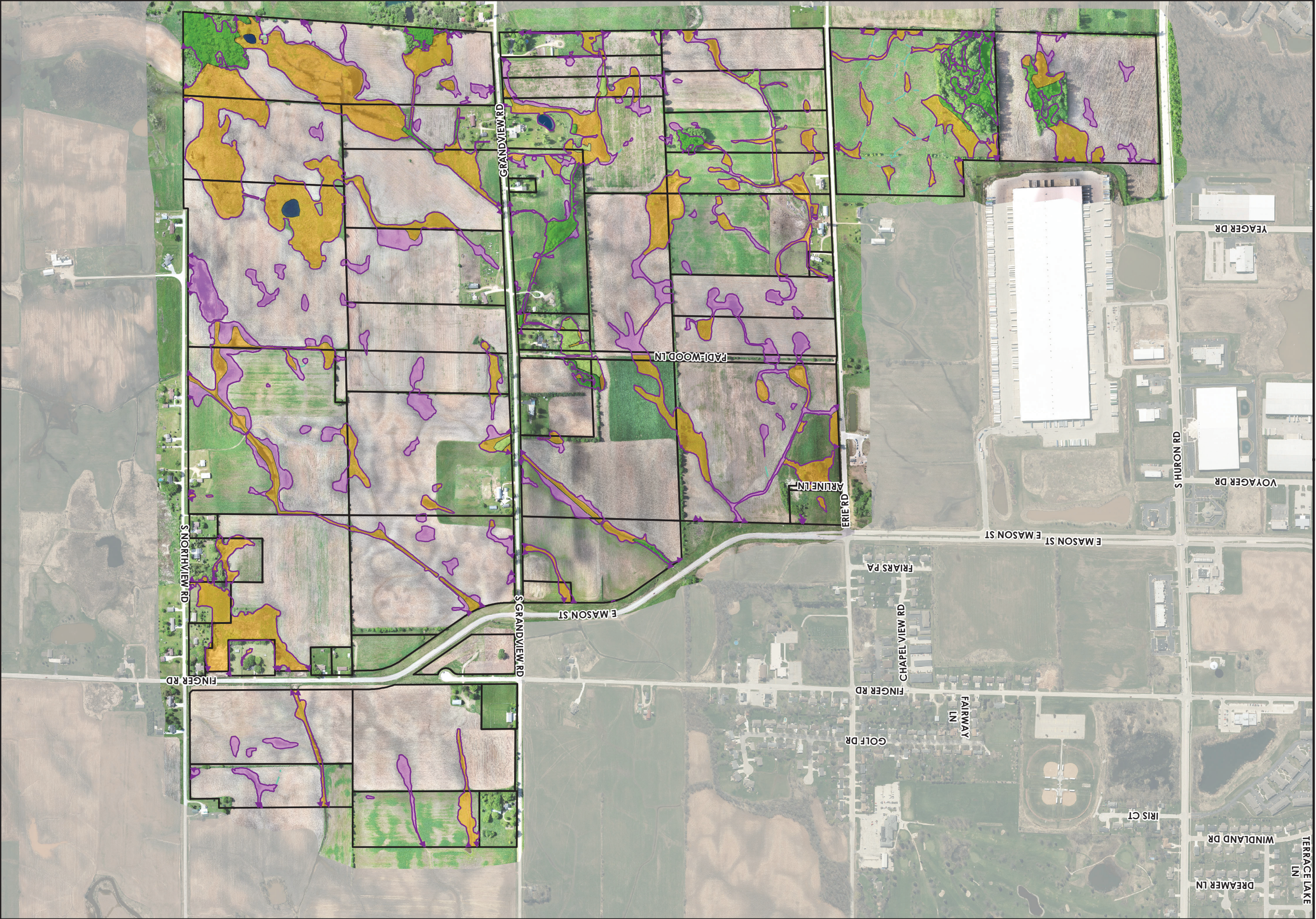


C

APPENDIX C

Summary Table of Potential Wetlands

Owner	Parcel ID	Acres	Total Potential Emergent / Wet Meadow (ft ²)	Total Potential Emergent/Wet Meadow (Farmed) (ft ²)	Total Potential Scrub/Shrub (ft ²)	Total Potential Forested (ft ²)	Total Potential Open Water (ft ²)	Total Potential Wetland (ft ²)
DEGRAVE CARLA J REVOCABLE TRUST	21-188-3	0.85	0	0	0	0	0	0
DEGRAVE DANIEL W SR & LINDA A REVOCABLE TRUST	21-194	37.91	133034	170172	0	0	0	303206
DEGRAVE REAL ESTATE LLC	21-209	38.68	366571	167890	0	0	16533	550994
	21-214	19.35	305265	8801	0	0	0	314066
GREEN BAY CITY OF	21-189	4.12	0	0	0	0	0	0
	21-189-1	3.09	0	0	0	0	0	0
	21-22	23.01	14292	18364	0	0	0	32656
	21-22-1	2.35	0	0	0	0	0	0
	21-24	17.65	26201	25587	0	0	0	51788
	ROW - ARLINE LN	0.53	6490	0	0	0	0	6490
	ROW - PADI-WOOD LN	3.84	5635	15349	12428	0	0	33412
HUMBOLDT INVESTMENTS LLC	21-21-A	10.38	39824	8394	0	0	0	48218
HURON LIMITS LLC	21-186	30.5	123093	44105	2288	56227	0	225713
JUZA FAMILY IRREVOCABLE TRUST	21-202	17.38	34644	31021	1456	62988	0	130109
PHILLIPS REVOCABLE TRUST	21-188-2	1.53	1448	0	0	0	0	1448
PIERQUET FAMILY LTD PARTNERSHIP ETAL	21-195	16.02	37048	2057	0	13507	0	52612
	21-199	34.89	177258	58306	0	0	0	235564
	21-201	28.29	90897	48139	9110	6630	0	154776
PIERQUET ROSELLA REVOCABLE TRUST	21-195-2	1.48	11598	0	0	0	0	11598
RENTMEESTER ANTOINETTE L REVOCABLE TRUST	21-190	26.25	44000	57361	0	0	0	101361
	21-192	29.49	68654	52125	9698	0	0	130477
	21-203	19.3	73888	68870	0	0	0	142758
RRL LAND LLC	21-19-1	10	9701	26939	0	0	0	36640
ANTHONY J & PATRICIA A BOULANGER	21-212	10.12	118824	3866	0	14821	0	137511
ANTHONY K DILLENBURG ETAL	21-188-6	2.5	64684	0	0	0	0	64684
DANIEL A & JUDITH RENTMEESTER	21-207-1	4.87	8851	13214	3369	0	0	25434
	21-208-1	4.85	35206	14190	9553	0	0	58949
DANIEL G & TRACI RAE KARNOPP	21-188-1	0.85	0	0	0	0	0	0
DANIEL J & DENISE E BOUCHER	21-204	0.89	4717	0	0	0	0	4717
DANIEL P & CINDY P SHANNON	21-188	1	0	0	0	0	0	0
DOLORES R HOLL ETAL	21-188-4	4.74	44068	0	0	0	0	44068
DOROTHY M ZUIDMULDER	21-187	38.06	175594	0	0	126353	0	301947
	21-205-1	9.84	25348	3417	2055	0	0	30820
GERALD J & RITA BOUCHER	21-204-2	18.69	79662	16883	0	0	0	96545
	21-205	9.81	34747	8346	3488	21011	0	67592
	21-205-2	9.85	81402	4119	0	877	0	86398
GERALD K RENTMEESTER	21-210	18.35	136947	1004	1753	2163	0	141867
JAMES K & TONIA M DEROUIN	21-202-1	1.74	5689	0	11967	3512	0	21168
	21-202-2	2.16	3840	0	28132	0	0	31972
JAMES M & DEBRA A KROLL	21-188-6-1	23.93	195964	0	0	0	0	195964
JENNA M & JOSEPH S RUST	21-208	17.5	118273	34780	9504	3678	11635	177870
JERRY R & LUANNE M OLEARY	21-206-A	0.55	0	0	0	0	0	0
JOHN J BUNKER ETAL	21-199-2	2.56	5478	0	0	0	0	5478
JOSEPH C RENTMEESTER	21-191	9.74	22507	19109	0	0	0	41616
	21-193	0.86	388	1835	0	0	0	2223
	21-211	11.09	3773	9158	0	0	0	12931
KELLY L BOUCHER ETAL	21-204-1	8.87	17926	37265	0	0	0	55191
ONG VUE ETAL	21-188-5	2.44	7767	0	0	0	0	7767
PETER T & CAROL A BLAN	21-211-1	17.34	8036	71010	0	0	0	79046
RICHARD R & CAROL J NACHTWEY	21-21	3.08	0	0	0	0	0	0
ROGER & JEANNE M CRAANEN	21-207	5.86	25474	1153	5557	0	0	32184
ROGER D & JEANNE M CRAANEN	21-213	36.46	482499	60063	0	186363	6089	735014
STUART E & CYNTHIA G FRANKOW	21-200	8.22	4007	1500	11855	10737	0	28099
THOMAS O BOUCHER ETAL	21-204-3	9.92	1341	58675	0	0	0	60016
WILLIAM G & KAREN A BOUCHER ETAL	21-205-3	9.82	13461	4205	16965	0	0	34631



Sources: Robert E. Lee
& Associates, Inc.,
May 2019 UAV Aerial

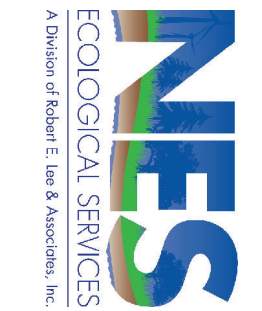
Disclaimer: Robert E. Lee & Associates, Inc.,
makes every effort to ensure this map is free
of errors but does not warrant the map or its
features are either spatially or temporally
accurate or fit for a particular use. Robert E.
Lee & Associates, Inc., provides this map
without any warranty of any kind whatsoever,
either expressed or implied.

Legend

- W - Open Water
- T - Forested
- S - Scrub/Shrub
- F - Farmed
- E - Emergent/Wet Meadow
- Potential Wetland Area
- Drainage Swale
- Parcels
- Potential Wetland Line

City of Green Bay
Preliminary Wetland Investigation
NES Project No. 1057061
City of Green Bay
Brown County, Wisconsin

6/28/2019
Map
Overview



Potential Land-Use
Composition for
I-43 Business Center – East

Potential I-43 Business
Center - East

M-F (I-43E or
Separate)

Light to Medium
Industrial.
(I-43E)

Light to Medium
Industrial.
(I-43E)

Light to Medium
Industrial.
(I-43E)

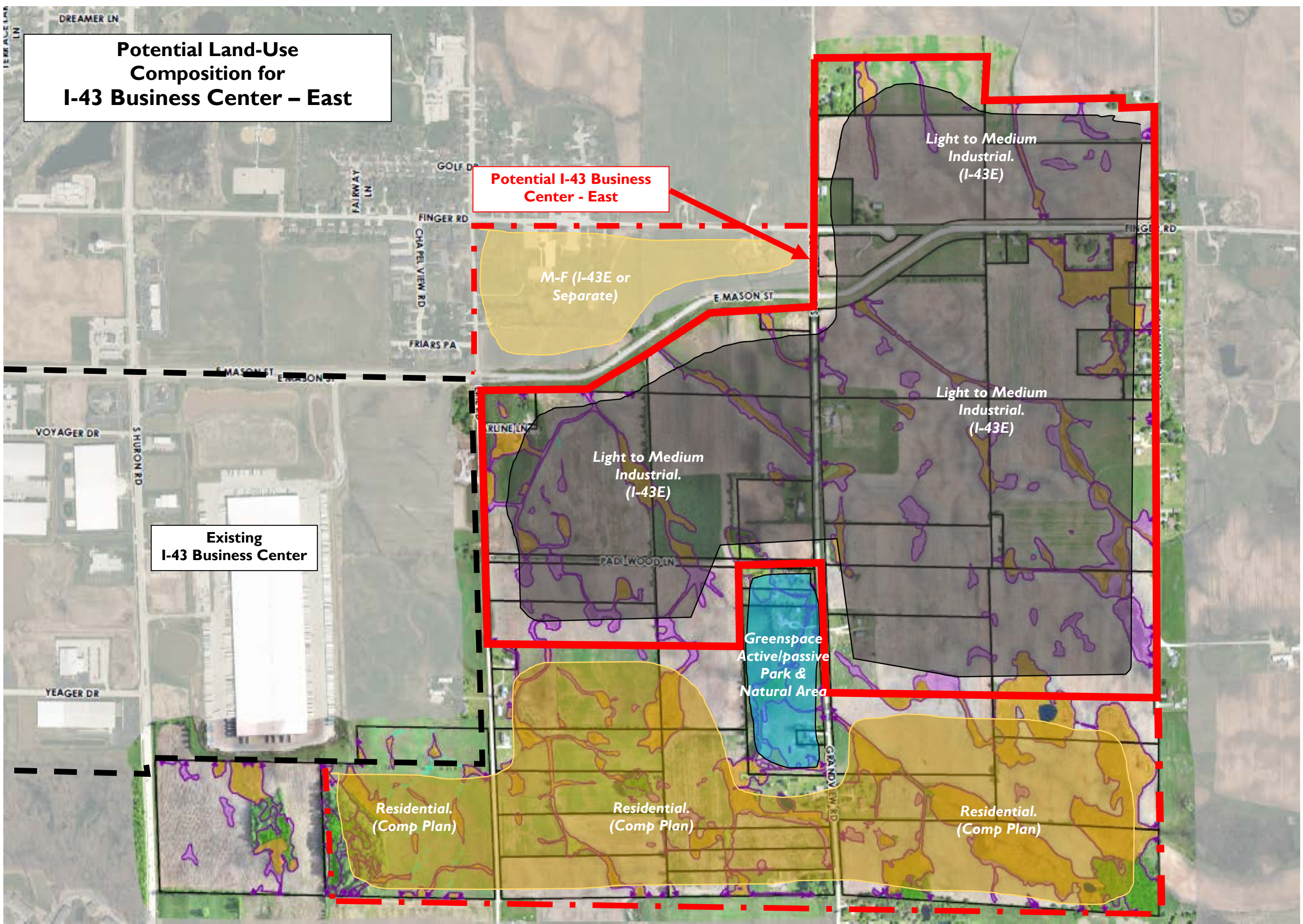
Greenspace
Active/passive
Park &
Natural Area

Residential.
(Comp Plan)

Residential.
(Comp Plan)

Residential.
(Comp Plan)

Existing
I-43 Business Center





Report to the
Economic Development Authority
of the City of Green Bay

MEETING DATE

December 9, 2019

PREPARED BY

Matt Buchanan, Staff

AGENDA ITEM # D.2.

Consideration with possible action on Request for Proposal #3199 for professional environmental services.

The Committee may convene in closed session pursuant to Sections 19.85(1)(e), Wis. Stats., for purposes of deliberating or negotiating the sale of public properties, investing of public funds or conducting other specified public business as necessary for competitive or bargaining reasons. The Committee may thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to report the results of the closed session and consider the balance of the agenda.

BACKGROUND

The City of Green Bay was recently awarded a \$300,000 Brownfields Assessment Grant from the U.S. Environmental Protection Agency (EPA). To implement the grant, the City must contract with a qualified environmental professional to assist staff with project management, environmental inventory and assessment and public information and outreach. The environmental professional will also assist in identifying, securing, and potentially implementing additional brownfields-related funding opportunities.

The City of Green Bay's Purchasing Division coordinated a Request for Proposals (RFP), of which, four qualified vendors responded with formal submissions. An internal evaluation team scored the proposals based on the attached established criteria. The evaluation process resulted in Vendor D, Stantec, receiving the highest combined score.

RECOMMENDATION

Staff is recommending authorization to enter into a professional services agreement with Stantec for environmental services.

FISCAL IMPACT

ATTACHMENTS

- I. #3199 Ranking Summary

#3199 RFP VENDOR RANKING & PRICE SUMMARY

Department of Community and Economic Development
Professional Environmental Services for Brownfields Assessment Grant

RFP #3199

ISSUED: 11/6/19 DUE: 11/27/19

CC: 90600, 91800, 92500, 92600, 96100

Evaluation Criteria & Ranking

Total Possible Points	MINIMUM SPECIFICATIONS Proposals not to exceed \$300,000	Highest Score	----->	----->	Lowest Score
		STANTEC	AYRES ASSOCIATES	FEHR GRAHAM	CEDAR CORPORATION
30	General Experience & Qualifications of the Firm and Key Personnel Assigned to City	30	25	23	20
40	Management Outline	35	30	30	25
10	References	10	9	6	5
20	Cost	18.58	18.53	18.53	20
100	Vendor Scores (Total possible points = 100)	93.58	82.53	77.53	70

NOTES:

This was a proposal process with a budget amount not to exceed \$300,000.

The evaluation team consisted of the Department of Community and Economic Development Staff (4 members).

This proposal process started in November 2019. Proposals were due on 11/27/19. 12/3/19 the evaluation team met to discuss & score all proposals.

Award Recommendations:

Award to the highest scoring vendor Stantec that provided the best proposal for the Professional Environmental Services for Brownfields Assessment Grant project for a total cost of \$295,000.



Report to the
Economic Development Authority
of the City of Green Bay

MEETING DATE

December 9, 2019

PREPARED BY

Wendy Townsend, Economic
Coordinator

AGENDA ITEM # D.3.

Consideration with possible action on the City of Green Bay's farm lease renewals and new rates.

The Committee may convene in closed session pursuant to Sections 19.85(1)(e), Wis. Stats., for purposes of deliberating or negotiating the sale of public properties, investing of public funds or conducting other specified public business as necessary for competitive or bargaining reasons. The Committee may thereafter reconvene in open session pursuant to Section 19.85(2), Wis. Stats., to report the results of the closed session and consider the balance of the agenda.

BACKGROUND

The City of Green Bay has nine parcels that have been leased for agricultural farming. We would like to continue this practice for the next three years by updating the current leases.

In addition to updating the leases, City staff has reviewed the price per acre and see that the City is well below the county average of \$137 per acre according to the nass.usda.gov 2019 information. The new proposed rates for 2020-2022 are as follows:

- Larger tracts of land: from \$100 to \$120 per acre
- Smaller tracts of land: from \$70 to \$80 per acre
- Rocky challenged soil: from \$50 to \$60 per acre

RECOMMENDATION

Staff is recommending approval of the four (4) agricultural leases for farming of the City's nine (9) parcels as presented with the new fees to take place for the 2020-2022 contract.

FISCAL IMPACT

ATTACHMENTS

- I. Farm Lease Spreadsheet 2014 - 2022



Report to the
Economic Development Authority
of the City of Green Bay

MEETING DATE

December 9, 2019

PREPARED BY

AGENDA ITEM # E.I.

Brownfields Program Update

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None