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September 27, 2018

Mr. Josh Brown Wisconsin Department of Natural Resources 101 S Webster Street Madison, WI 53703

Subject: Wetland Compensatory Mitigation In Lieu Fee Purchase for the Wisconn Valley Science and Technology Park – Phase I Project, Parcels 409 and 413

Dear Mr. Brown:

On behalf of SIO International Wisconsin, Inc. (SIO), CH2M HILL Engineers, Inc. (now Jacobs), submits this proposal to purchase Wisconsin Wetland Conservation Trust In Lieu Fee (ILF) credits to satisfy wetland impacts for 0.25 acres of additional wetlands within the footprint of the Wisconn Valley Science and Technology Park – Phase I Project (the Project) located in the Village of Mount Pleasant, Wisconsin. This Project is located in a new electronics and information technology manufacturing zone as created by 2017 Wisconsin Act 58 (the Act).

When the previous ILF request was submitted on April 16, 2018, it was known that additional parcels would be acquired and need to be reviewed for wetland presence at a later date. Since that time, parcels 409 and 413 have come under ownership. Subsequently, two wetlands were identified on these parcels. This additional request and following payment will satisfy WDNR requirements for the impacts that will occur to these wetlands.

As indicated in the Act, wetland mitigation will be completed at a 2:1 ratio. Based on surveys completed on the site, we believe that Table 1 accurately summarizes the In Lieu Fee that is required.

Table 1. Parcels 409 & 413 Wetland Summary

ILF Watershed	Impact area (acres)	Price per credit	Ratio	Total Credits Required	Total fee
SW Lake Michigan	0.25	\$62,000	2:1	0.5	<u>\$31,000</u>

per 2017 fee schedule: https://dnr.wi.gov/topic/Wetlands/documents/mitigation/WWCTAnnualReportFY2017.pdf

This proposal and its accompanying documents have been the subject of several prior meetings with the Department. The Project area is currently largely in agricultural land use with some isolated wetlands as are shown in the following accompanying documents:

- Mitigation Summary Worksheet
- Exhibit A, Wetland Delineation Map Foxconn Parcels 409 & 413 Prairie View Drive Village of Mount Pleasant, Wisconsin
- The Wetland and Waterway Delineation Report prepared by TRC Environmental Corporation (dated September 19, 2018) is included in this submittal

Mr. Josh Brown September 27, 2018 Page 2 of 2



Should you have any questions on this proposal, please feel free to contact me at 414-847-0209 or michelle.hackett@jacobs.com.

Respectfully Submitted,

Michelle Hackett

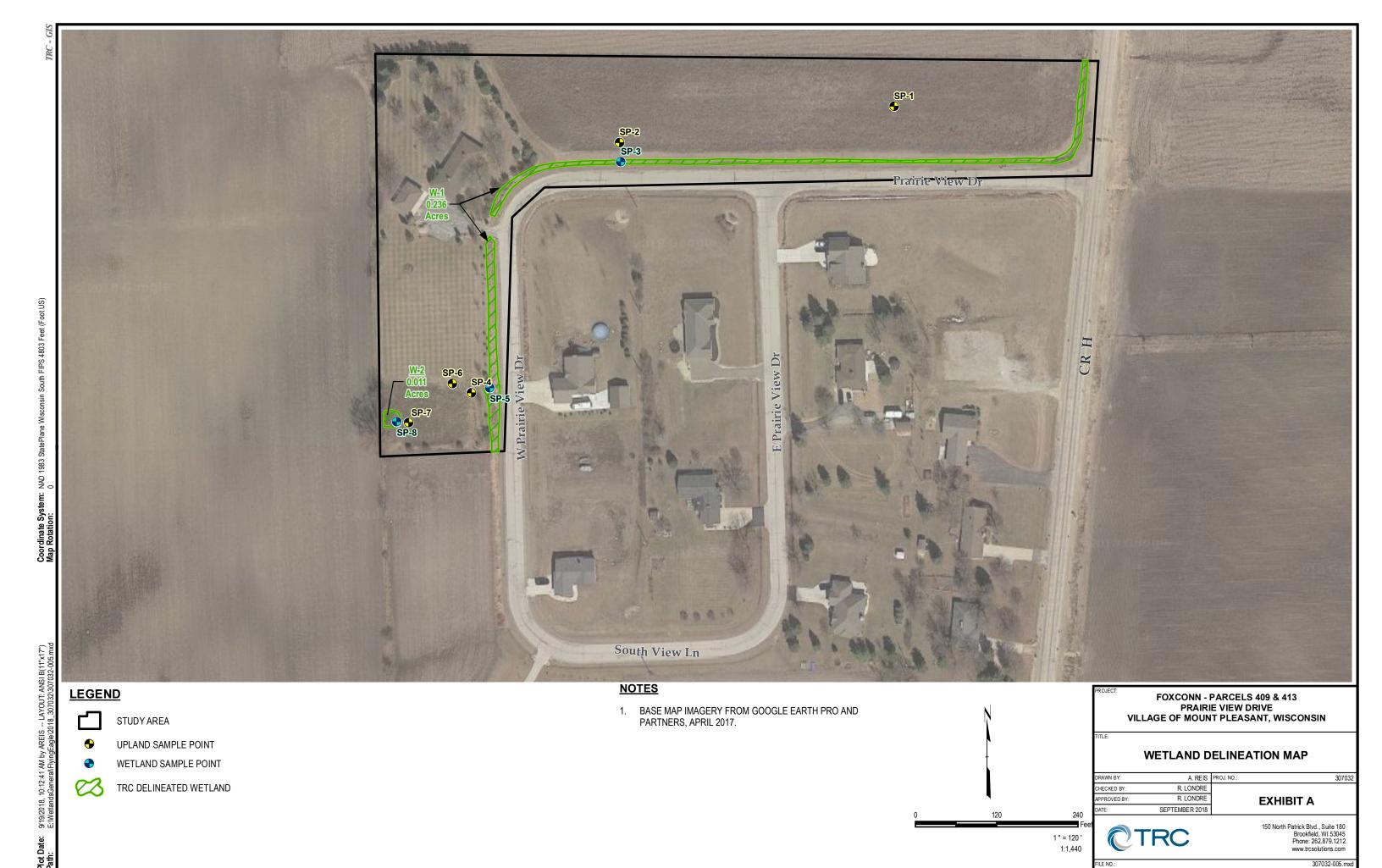
Michelle Hackett

Permitting Specialist

Mitigation Summary Worksheet

Preliminary mitigation summary sheet X Final mitigation summary sheet					
CONTACT INFORMATION	AF	PLICANT		AUTHORIZED REPRESENTATIVE	
Name (Last, First, Middle Initial)	Hong, Yong-C	hing "Tiger	"	Hackett, Michelle G.	
Title	Senior Consu	ltant		Permitting Specialist	
Organization / Entity	SIO Internationa	al Wisconsin,	Inc.	Jacobs	
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City, State, Zip Code	Mount Pleasa	ant, WI 531	L77	Milwaukee, WI 53214	
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Phone Number (incl. Area Code)	949-231-7028			414-847-0209	
	PROJECT	T INFORMAT	ION		
Project Name			•	nce and Technology Park – Phase I,	
		Parcels 409	9 & 413		
Mitigation Service Area		Southwes	tern Lak	e Michigan	
Latitude_Longitude Coordinates		42°40'25.	17"N, 87	'°55'1.29"W	
Municipality Location (City, Village, 1	Town)	Mt. Pleasant			
Township Range Section		T3N, R22E, S32			
County Location		Racine			
Project Description		Land development including site grading. See cover			
(including description of wetland im		letter for more details.			
		PACTS BY CO	VER TYPE	AND DELINEATED ACREAGE	
Acreage (to near SW Lake Michigan			Wetland Cover Type		
			Shallow, Open Water		
0.11			Deep and Shallow Marshes		
			Sedge Meadows		
0.14			Fresh (Wet) Meadow		
			Wet to WetMesic Prairie		
			Calcareous Fens		
			Bogs (Open or Coniferous)		
		Shrub – Carr or Alder Thicket			
		Hardwo	ood or Coniferous Swamps		
			Floodplain Forests		
			Season	ally Flooded Basins	
			Total p	er basin	

CHECK SELECTION	PROPOSED COMPENSATORY MITIGATION	EXPLAIN WHY TYPE WAS CHOSEN / LIST CONTACTED PARTY	EXPLAIN WHETHER CREDITS ARE AVAILABLE
	Credit Purchase: Mitigation Bank		
Х	Credit Purchase: WI Wetland Conservation Trust (In Lieu Fee)	SIO did not have access to all parcels at the time of initial submittal on April 16, 2018. Consistent with the prior submittal, the applicant has elected to use the ILF option. Contacts: Josh Brown, Eric Ebersberger	Credits are available.
	Permittee Responsible Mitigation		





Wetland and Waterway Delineation Report

August 3, 2018 Revised September 19, 2018

TRC Project No. 307032-0000-0000

Foxconn - Parcels 409 & 413

Prairie View Drive Mount Pleasant, Wisconsin

Prepared For:

The Sigma Group, Inc. 1300 West Canal Street Milwaukee, WI 53233

Prepared By:

Ron Londré, PWS WDNR Assured Wetland Delineator TRC Environmental Corporation 150 N. Patrick Blvd., Suite 180 Brookfield, WI 53045



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1.0 Introduction

On behalf of The Sigma Group and Foxconn, TRC Environmental Corporation (TRC) conducted a wetland and waterway delineation within a designated Study Area at Parcels 409 & 413 on Prairie View Drive in the Village of Mount Pleasant, Wisconsin (Figure 1, Appendix A). The Study Area is approximately 6.2 acres and located in part of Section 32, Township 3 North, Range 22 East.

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The purpose of this wetland and waterway delineation was to determine the current location and extent of wetlands and waterways within a designated Study Area for purposes of the Foxconn development. Our study is presented here in terms of methodology, results, and conclusions.

The wetland and waterway delineation field investigation was conducted by TRC scientist Ron Londré, PWS on July 25 and 26, 2018. Ron Londré was the lead investigator and is the author of this report.

1.1 Statement of Qualifications

TRC has extensive experience managing and conducting wetland delineations across the United States. TRC's biologists and ecologists have been trained to properly and consistently apply the methods set forth in the 1987 Corps of Engineers Wetland Delineation Manual and applicable regional supplements. They have direct experience identifying and documenting indicators of hydrophytic vegetation, wetland hydrology, and hydric soil and are experienced in dealing with naturally problematic and disturbed conditions.

Mr. Ron Londré, PWS, WDNR Assured Wetland Delineator, is a Senior Ecologist at TRC with over twelve years of professional experience in wetland ecology. He is certified by the Society of Wetland Scientists Professional Certification Program as a Professional Wetland Scientist (PWS # 2436) and is certified by the Ecological Society of America as a Senior Ecologist. His academic studies, from which he earned M.S. and B.S. Degrees in Biological Science, focused on plant community ecology and restoration ecology. Mr. Londré has completed the following wetland delineation technical training workshops provided by UW-La Crosse: Advanced Wetland Delineation; Basic Wetland Delineation; Critical Methods in Wetland Delineation; Hydric Soils; and Grasses, Sedges, and Rushes. Additionally, he has completed the Regional Supplement Seminar and Field Practicum training provided by the Wetland Training Institute and the Wetland Delineation Training Workshop provided by the University of Wisconsin-Milwaukee. Mr. Londré is a part of the Wetland Delineation Professional Assurance Initiative of the Wisconsin Department of Natural Resources (WDNR). This means his work is assured for purposes of State of Wisconsin wetland delineations.



1.2 **Agency Regulatory Authority**

The wetlands and/or waterways identified in this report may be subject to federal regulation under the jurisdiction of the U.S. Army Corps of Engineers (USACE), state regulation under the jurisdiction of Wisconsin Department of Natural Resources (WDNR), and local jurisdiction under county, town, city, or village.

2.0 Methods

This wetland and waterway delineation was conducted in accordance with the guidelines of the 1987 Corps of Engineers Wetland Delineation Manual (Environmental Laboratory, 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0, 2010) and in general accordance with Wisconsin Department of Natural Resources guidelines. National Wetland Indicator status and taxonomic nomenclature is referenced from The National Wetland Plant List (Lichvar et al., 2016). National Wetland Indicator status is based on the Midwest Region. Indicators of hydric soil are based on the Field Indicators of Hydric Soils in the United States guide Version 8.1 (Vasilas et. al., 2017). This report has also been prepared in accordance with the guidelines set forth in the "Guidance for Submittal of Delineation Reports to the St. Paul District Corps of Engineers and the Wisconsin Department of Natural Resources" document issued March 4, 2015.

2.1 **Off-Site Review**

Prior to conducting fieldwork, several maps were reviewed including the United States Geological Survey (USGS) 7.5' Quadrangle maps, Natural Resource Conservation Service (NRCS) Soil Survey Map, Wisconsin Wetland Inventory (WWI) Map, and aerial photographs. These sources were used to identify areas likely to contain wetlands and waterways.

Precipitation data from approximately 90 days prior to the field investigation were obtained from a weather station near the Study Area and compared with 30-year average precipitation data obtained from a NRCS WETS Table for the County where the Study Area was located to determine if antecedent hydrologic conditions at the time of the site visit were normal, wetter, or drier than the normal range.

An aerial imagery and Farm Service Agency (FSA) crop slide review was conducted for agricultural areas having been farmed within recent years (typically the last 3-5 years). The review was conducted using the guidelines described in the Hydrology Tools for Wetland Determination, Engineering Field Handbook, Chapter 19 (USDA Natural Resources Conservation Service, 1997). Interpretation of the aerial imagery and labels for signatures is also based in part on the guidance provided in the "Guidance for Offsite Hydrology/Wetland Determinations)" U.S. Army Corps of Engineers and Minnesota Board of Water & Soil Resources July 1, 2016 guidance document.

2.2 **On-Site Field Investigation**

Areas having wetland indicators within the Study Area were evaluated in the field by TRC wetland scientist Ron Londré on July 25 and 26, 2018. Sample points were located in areas exhibiting wetland and upland characteristics to document the presence and/or absence of wetlands and to provide support for the delineated wetland boundaries. At each sample point, data were collected to document



the vegetation and hydrophytic vegetation indicators, soil profile and hydric soil indicators, and wetland hydrology indicators.

Plant species were identified at each sample point and their wetland indicator status; obligate wetland (OBL), facultative wetland (FACW), facultative (FAC), facultative upland (FACU), or upland (UPL); was determined by referencing The National Wetland Plant List (Lichvar et al., 2016). Soil pits were dug to the depth needed to document a hydric soil indicator or confirm the absence of indicators. Soil color was determined using a Munsell soil color chart. The sample point plots and soil pits were evaluated for presence of wetland hydrology indicators.

The wetland boundaries were delineated and staked using wire pin flags and when needed flagging tape. Wetland boundaries were generally determined by distinct to subtle differences in the abundance of hydrophytic vegetation and non-hydrophytic vegetation, presence versus absence of hydric soil indicators, and presence versus absence of wetland hydrology indicators.

3.0 Results

3.1 Off-Site Review

The County 2-Foot Contour Map (Appendix A, Figure 2) shows elevations ranging from 718 to 736 above sea level. Based on mapped topography runoff water would be expected to flow towards the east.

According to the NRCS Soil Survey map (Appendix A, Figure 3) three mapped soil units are located within the Study Area. The soils mapped within the Study Area are listed on Table 1 below.

Map Unit Symbol	Soil Series Name	Drainage Class	Hydric Rating	% of Study Area
VaB	Varna silt loam, 2 to 6 percent slopes	Well drained	0	16.16
EtB	Elliott silty clay loam, 2 to 6 percent slopes	Somewhat poorly drained	5	16.55
AtA	Ashkum silty clay loam, 0 to 2 percent slopes	Poorly drained	97	67.20

Table 1 Mapped Soils

The Wisconsin Wetland Inventory (WWI) map (Appendix A, Figure 4) depicts no wetlands within the Study Area.

A review of aerial imagery from 2000, 2005, 2010, 2015, and 2017 (Appendix A, Figures 5-9) shows the Study Area as having a single family residential home, turf grass yard with ornamental tree and shrub plantings surrounding the home, and agricultural fields.

An aerial imagery and Farm Service Agency (FSA) crop slide review was conducted to evaluate areas within the Study Area that have recently been farmed. Aerial images and crop slides ranging from 1980-2017 were examined by Ron Londré on July 25, 2018. All images and slides reviewed, and review forms



are included in Appendix B. Based on a preliminary review, two locations (Area A and Area B) were selected for a more in-depth review.

Area A displayed wetness signatures on none of the years with normal climate conditions preceding the date of the imagery. Additionally, the wetness signature in this area is visible 9% (3 out of 32) of all of the years reviewed regardless of antecedent precipitation.

Area B displayed wetness signatures in 20% (3 of 15) of the years with normal climate conditions preceding the date of the imagery. Additionally, the wetness signature in this area is visible 13% (4 out of 32) of all of the years reviewed regardless of antecedent precipitation.

Prior to conducting the field visit, antecedent precipitation data were analyzed. Data were obtained from a nearby weather station (RACINE (WI) USC00476922) and compared to data from a nearby WETS station (RACINE (WI) USC00476922). The most recent measurable rainfall event prior to the site visit was 0.06 inches, which occurred on July 22, 2018. Precipitation for the 14 days prior to the site visit was 2.05 inches. The precipitation data for the 90 day period prior to the field visit (Appendix C, Table 2) were entered into a WETS analysis worksheet (Appendix C, Table 3) to weight the information from each preceding month to analyze hydrologic conditions. Based on this analysis, the antecedent hydrologic conditions were considered to be above a normal range, suggesting that climatic/hydrologic conditions were not normal for this time of year.

On-Site Field Investigation

3.2.1 Site Description

The Study Area is comprised of a residential home surrounded by turf grass and ornamental tree and shrub plantings. There are two fields that were historically farmed but appeared to have been allowed to go fallow in 2018, and were not cultivated this season. Ruderal forbs and grasses were established in these fields with 100 percent vegetated ground cover, the majority of which were non-hydrophytes.

There were areas of disturbed (atypical) conditions. The areas with planted turf grass was considered disturbed (atypical) and this was not considered to be a normal circumstance. There were no locations in the planted turf grass suspect of containing wetlands, and therefore no written data collected.

Contrary to the results of the WETS analysis, which suggested wetter than normal conditions, the soil was observed to be dry throughout the Study Area. Soils displayed desiccation cracks and needed to be moistened to determine color. There were no locations where saturation was observed within the upper 24" of the soil surface nor was a water table observed. The field investigation was conducted during the dry season and it was assumed the evaporation and evapotranspiration had occurred at a far greater rate than precipitation in the weeks prior to the site visit.

In general, most of the areas mapped as having Ashkum silty clay loam contained hydric soil indicators. The hydric soils are assumed to be drained hydric soils because the fallow fields and lawn did not contain sufficiently high abundances of hydrophytic vegetation nor were indicators of wetland hydrology present. Other observational evidence to support the hydric soils being drained are strong signatures of a drain tile system in adjacent fields on aerial imagery, a drain tile outlet in the roadside ditch within the Study Area, the general absence of redox features in the upper 10 inches of the soil surface



(agricultural till layer), and some locations that contained redox concretions, which exhibited sharp boundaries and smooth surfaces (indications of relict redox).

3.2.2 Uplands

Upland plant communities observed in the Study Area included lawn and fallow fields with ruderal plants. Sample point SP-1 is located in an area that corresponds with the crop slide review Area A and is also located in the WWI mapped (purple) wetland indicator soil. Data was conducted in this location to document wetland absence. Sample point SP-6 is located where a patch of *Hordeum jubatum* was observed in the fallow field to document wetland absence. The remaining upland sample points discussed below were paired with wetland sample points to document the delineated wetland boundaries.

3.2.3 Wetlands

Two wetlands (W-1 and W-2) were delineated. The delineated wetland boundaries and sample points are shown on a map (Exhibit A) in Appendix D. Data were collected and recorded on Wetland Determination Data Forms at eight sample points to document wetland and upland locations (Appendix E). Photographs were taken at sample points and are appended to each data form.

Wetland W-1 (Fresh (Wet) Meadow, Shallow Marsh)

Wetland W-1 is approximately 0.236 acres within the Study Area and consists of Fresh (Wet) Meadow and Shallow Marsh plant communities. Wetland W-1 was contained in a roadside ditch and extended beyond the Study Area in the ditches along Prairie View Drive. Two wetland sample points (SP-3 and SP-5) were taken within W-1 and two upland sample points (SP-2 and SP-4) were taken in adjacent upland areas.

Dominant vegetation at the wetland sample points included *Phalaris arundinacea* (reed canary grass) and *Typha X glauca* (hybrid cattail). Wetland hydrology indicators observed at the wetland sample points included Oxidized Rhizospheres on Living Roots (C3), Geomorphic Position (D1), and a positive FAC-Neutral Test (D5). Hydrology generally appeared to be sustained from runoff water from the surrounding landscape and from the adjacent roadway. Hydric soil indicators observed at the wetland sample points included Depleted Below Dark Surface (A11), Depleted Matrix (F3), and Redox Dark Surface (F6).

The boundary of wetland W-1 was based on the boundary between hydrophytic and non-hydrophytic vegetation and the boundary between the presence and absence of wetland hydrology indicators. Hydric soil indicators generally extended beyond the delineated wetland boundaries but were assumed to be drained hydric soil. Additionally, the distinct form of the ditch was used to help determine the wetland boundary.

Wetland W-2 (Fresh (Wet) Meadow)

Wetland W-2 is approximately 0.011 acres within the Study Area and consists of Fresh (Wet) Meadow but also contained a few trees and shrubs along the property line between the fallow field within the Study Area and the adjacent agricultural field. Wetland W-2 appears to have formed in a shallow

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depression where water would drain from the adjacent field, be perched above a compact clay layer, and move slowly through the soil. One wetland sample point (SP-8) was taken within W-2 and one upland sample point (SP-7) was taken in an adjacent upland area.

Dominant vegetation at the wetland sample point included Acer saccharinum (silver maple), Rhamnus cathartica (common buckthorn), and Poa compressa (Canada bluegrass). Wetland hydrology indicators observed at the wetland sample point in included Geomorphic Position (D1) and a positive FAC-Neutral Test (D5). Hydrology generally appeared to be sustained from runoff water from the surrounding landscape. Hydric soil indicators observed at the wetland sample point included Redox Dark Surface (F6).

The boundary of wetland W-2 was based on the boundary between hydrophytic and non-hydrophytic vegetation and the boundary between the presence and absence of wetland hydrology indicators. Hydric soil indicators generally extended beyond the delineated wetland boundaries but were assumed to be drained hydric soil.

3.2.4 Other Aquatic Resources

No other aquatic resources were observed within the Study Area.

3.2.5 Professional Opinion on Wetland Susceptibility Per NR 151

Table 4 in Appendix F lists a professional opinion on wetland susceptibility, based on a request by the WDNR, to do so per revised NR 151 guidance (Guidance #3800-2015-02). Please note that the final determination of wetland susceptibility rests with the WDNR.

4.0 Conclusions

Based on the wetland delineation completed by TRC, two wetlands (W-1 and W-2) were delineated totaling 0.25 acres of wetlands within the 6.2-acre Study Area. No other aquatic resources were observed within the Study Area.

Wetlands and other aquatic resources delineated and identified in this report are a professional finding based on current regulatory guidelines published by the USACE and WDNR at the time the resources were delineated. Unknown and future conditions that affect observations of field indicators or change in interpretation of regulatory policy or methods may modify future findings.

The ultimate authority to determine the location of the wetland boundary and jurisdictional authority over the wetlands and other aquatic resources identified in this report resides with the USACE and WDNR. Decisions made by staff of these regulatory agencies may result in modifications to the location of the wetland or other aquatic resource boundaries shown in this report. In addition, the USACE and WDNR have jurisdictional authority to determine which features are exempt from regulation or nonjurisdictional. If the client proposes to modify a potentially exempt or non-jurisdictional feature, a WDNR Artificial Determination Exemption and USACE Approved Jurisdictional Determination (AJD) would be needed. Furthermore, municipalities, townships and counties may have local zoning authority over certain areas or types of wetlands and waterways. The determination that a wetland or waterway is subject to regulatory jurisdiction is made independently by the agencies.



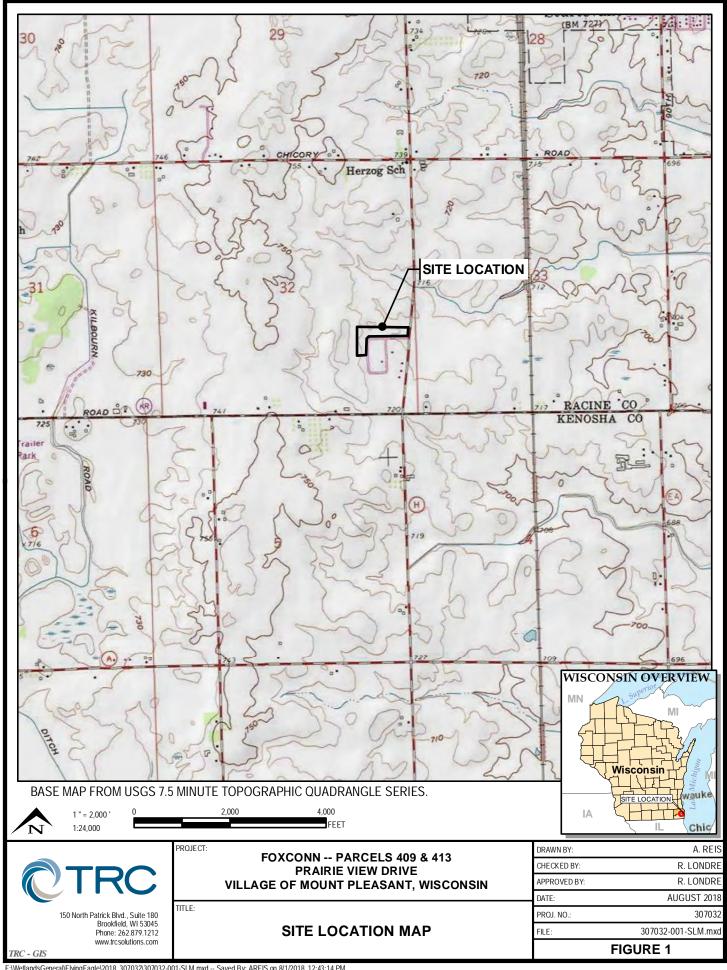
Any activity in a delineated wetland or below the Ordinary High Water Mark of other aquatic resources may require USACE and WDNR permits, and local government permits. If the Client proceeds to change, modify or utilize the property in question without obtaining authorization from the appropriate regulatory agency, it will be done at the Client's own risk and TRC Environmental Corporation shall not be responsible or liable for any resulting damages.

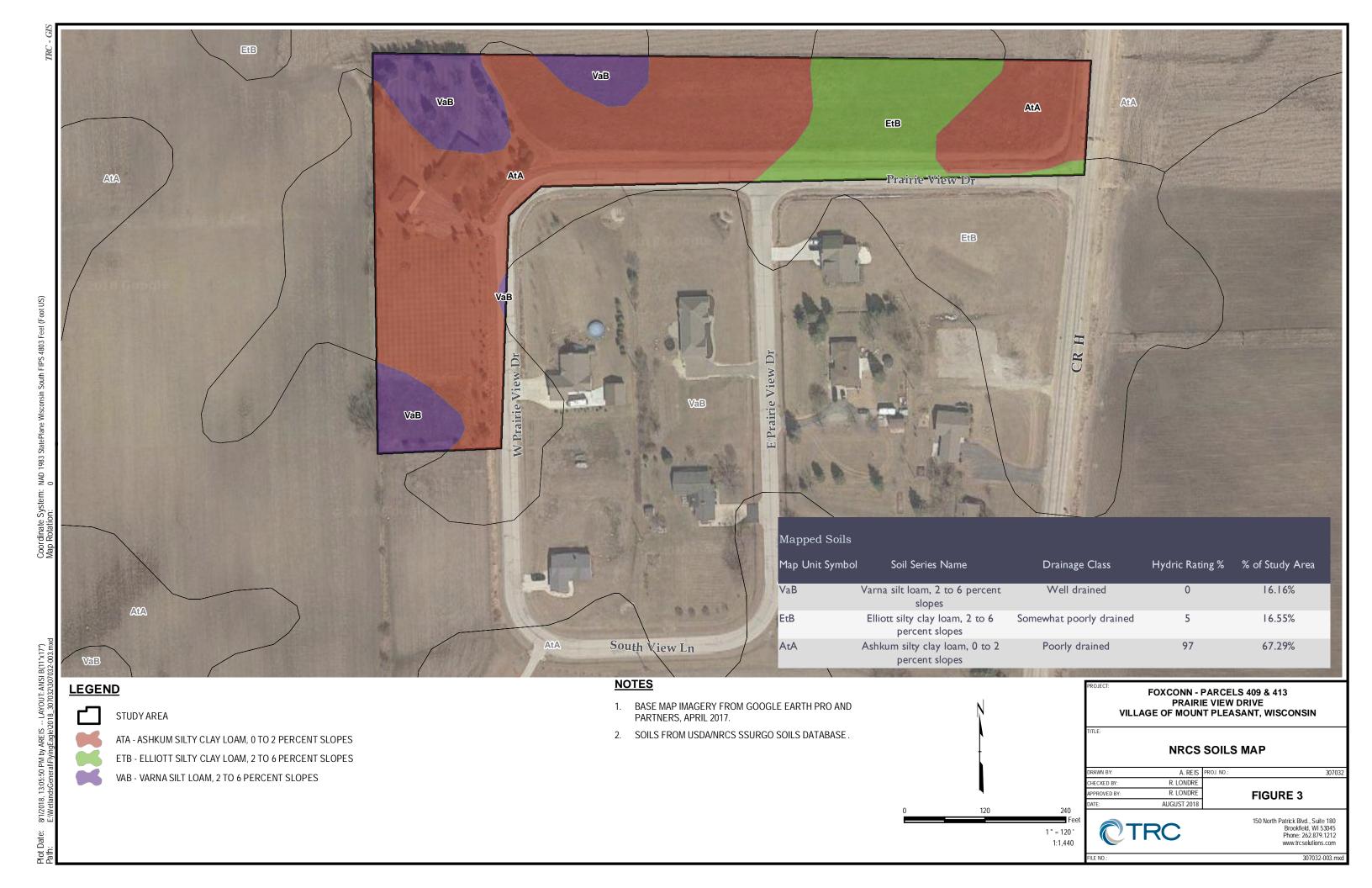


5.0 References

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- USDA Natural Resources Conservation Service Web Soil Survey (Web Address: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx)
- USDA NRCS Climate Analysis by County Web Site (WETS). (Web Address: http://www.wcc.nrcs.usda.gov/climate/wetlands.html)
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WISCONSIN WETLAND INVENTORY (WWI) WETLANDS

- 2. WISCONSIN WETLANDS INVENTORY (WWI) DATA ACQUIRED FROM WISCONSIN DNR, WETLANDS MAPPER.
- 3. NO WWI WITHIN MAP EXTENT.

WISCONSIN WETLAND INVENTORY

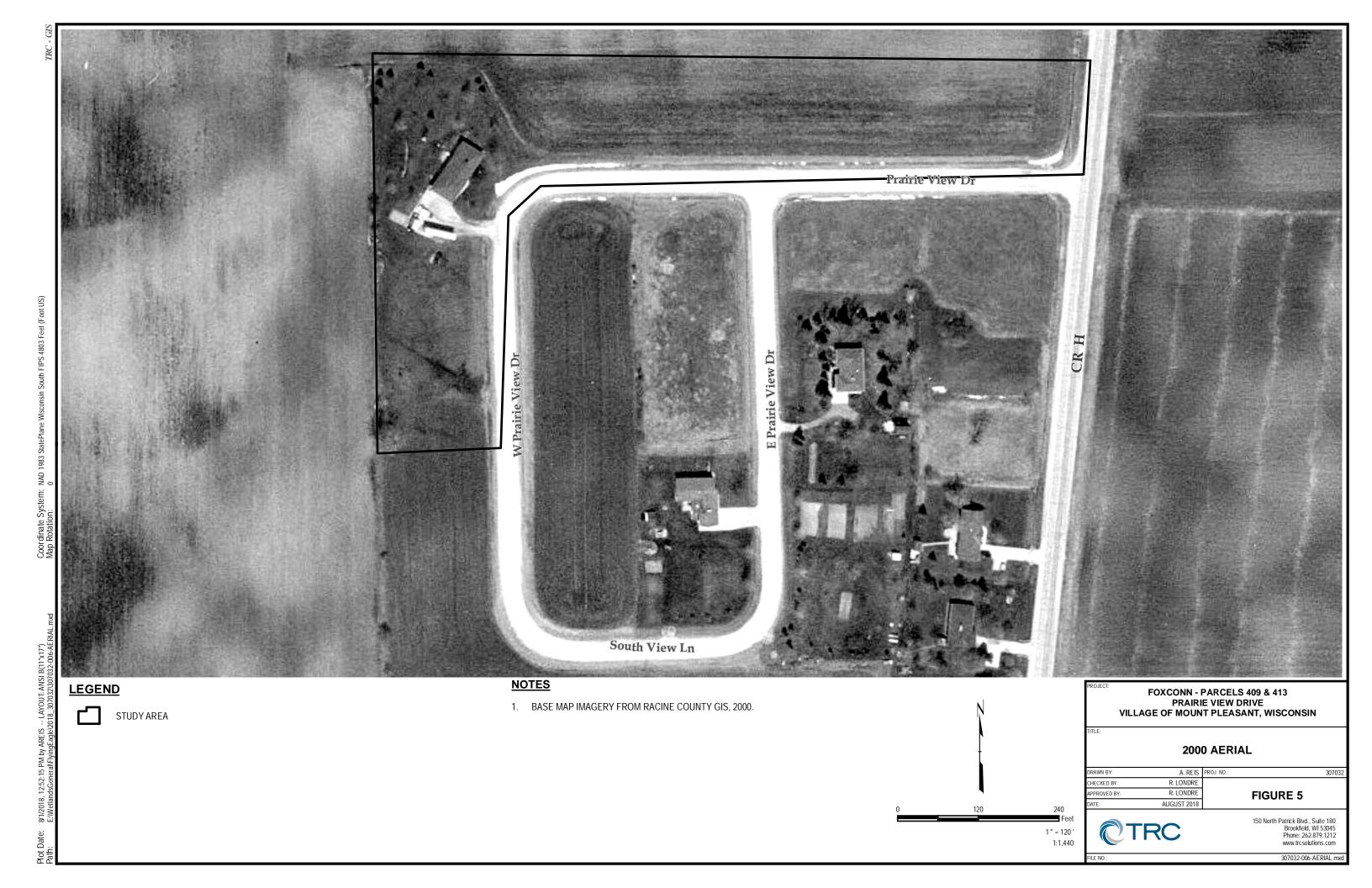
A. REIS PROJ. NO.: R. LONDRE R. LONDRE

AUGUST 2018

FIGURE 4

150 North Patrick Blvd., Suite 180 Brookfield, WI 53045 Phone: 262.879.1212 www.trcsolutions.com

1:1,440





R. LONDRE

FIGURE 6

150 North Patrick Blvd., Suite 180 Brookfield, WI 53045 Phone: 262.879.1212 www.trcsolutions.com

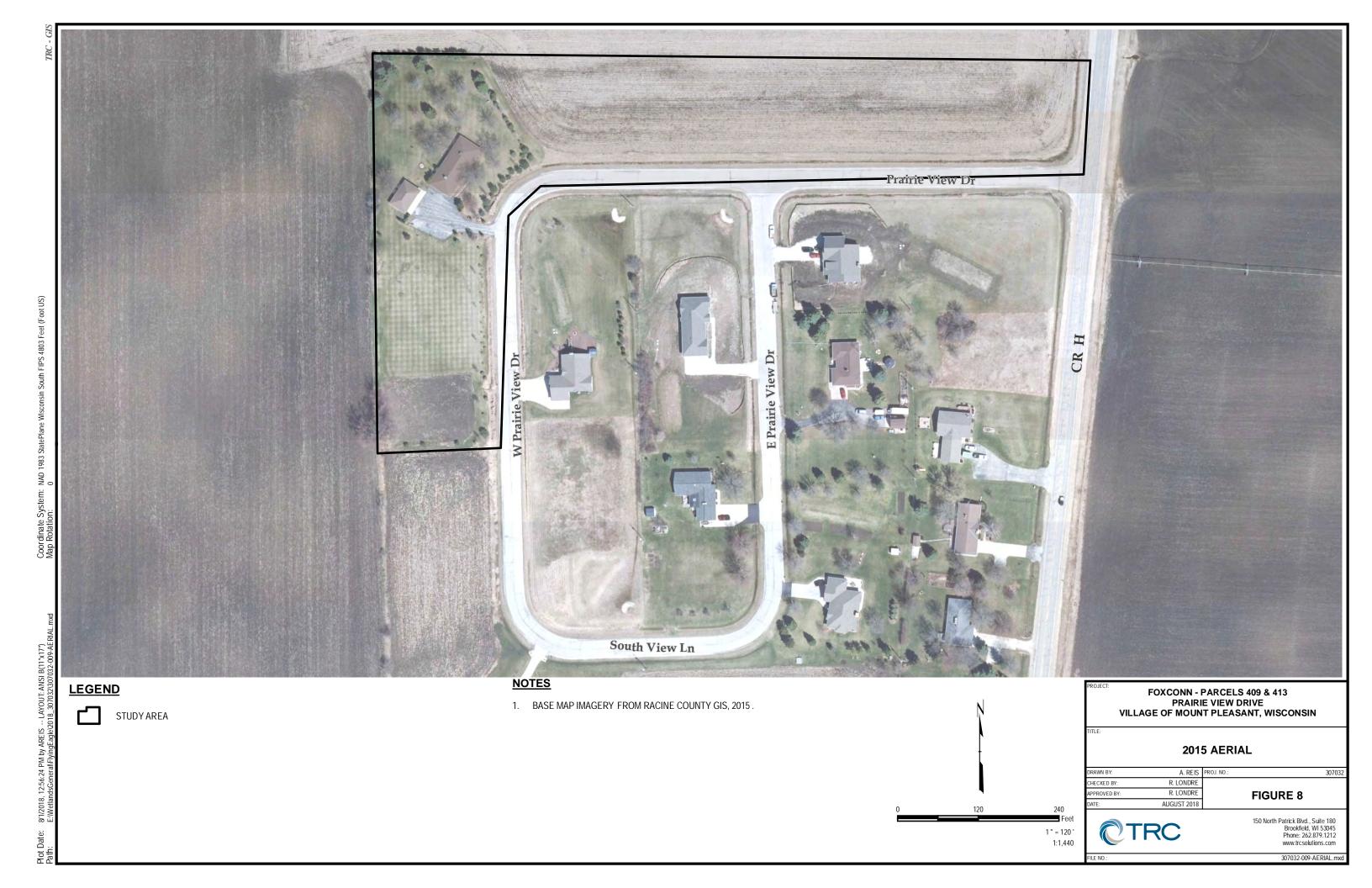
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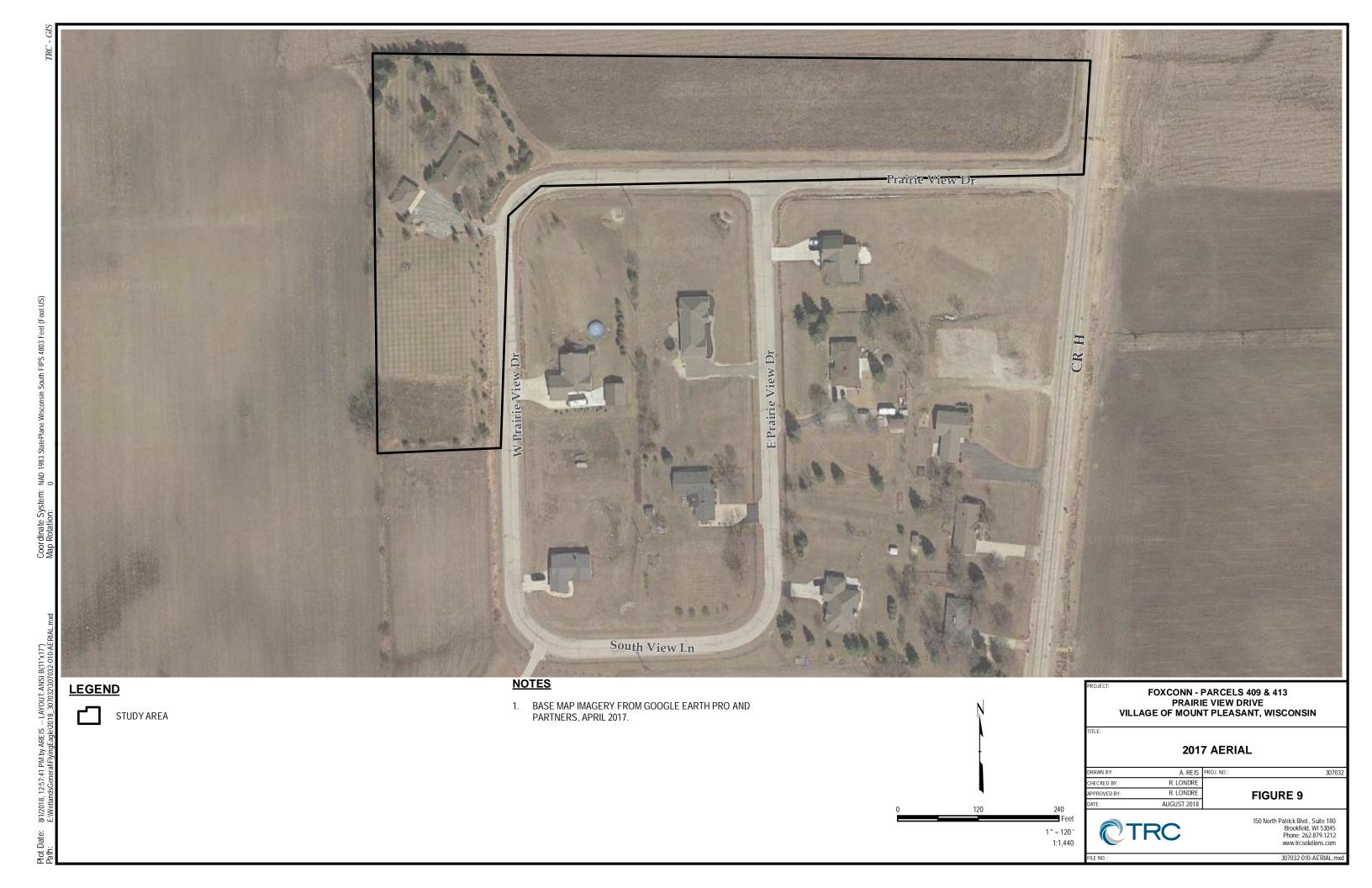
R. LONDRE AUGUST 2018

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Appendix B: Antecedent Precipitation Data / WETS Analysis

Table 2. Antecedent Precipitation Data

April 27, 2018 - July 25, 2018

Precipitation Data Source Location RACINE (WI) USC00476922

3rd Month Prior		2nd Mor	nth Prior	1st Month Prior	
Date	PPT	Date	PPT	Date	PPT
4/27/2018	0.01	5/27/2018	0	6/26/2018	0
4/28/2018	0.32	5/28/2018	0	6/27/2018	2.27
4/29/2018	0	5/29/2018	0	6/28/2018	0.01
4/30/2018	0	5/30/2018	Т	6/29/2018	0
5/1/2018	0	5/31/2018	0.15	6/30/2018	0
5/2/2018	0	6/1/2018	0	7/1/2018	0
5/3/2018	0.64	6/2/2018	0	7/2/2018	0.06
5/4/2018	0.2	6/3/2018	0.29	7/3/2018	0
5/5/2018	0.01	6/4/2018	0	7/4/2018	0
5/6/2018	Т	6/5/2018	0.02	7/5/2018	0.29
5/7/2018	0	6/6/2018	0	7/6/2018	0
5/8/2018	0	6/7/2018	0	7/7/2018	0
5/9/2018	0.1	6/8/2018	0	7/8/2018	0
5/10/2018	0.2	6/9/2018	0.27	7/9/2018	0
5/11/2018	0.19	6/10/2018	0.31	7/10/2018	0
5/12/2018	0.46	6/11/2018	0.34	7/11/2018	0
5/13/2018	0.75	6/12/2018	T	7/12/2018	0
5/14/2018	1.76	6/13/2018	0	7/13/2018	0
5/15/2018	0.36	6/14/2018	T	7/14/2018	0.06
5/16/2018	0	6/15/2018	0	7/15/2018	0.02
5/17/2018	0	6/16/2018	0.93	7/16/2018	0
5/18/2018	0	6/17/2018	0.02	7/17/2018	0.02
5/19/2018	0.27	6/18/2018	0	7/18/2018	0
5/20/2018	0.06	6/19/2018	1.75	7/19/2018	0
5/21/2018	0.64	6/20/2018	0.55	7/20/2018	0.32
5/22/2018	0.82	6/21/2018	0.02	7/21/2018	1.57
5/23/2018	0	6/22/2018	0.15	7/22/2018	0.06
5/24/2018	0	6/23/2018	0.13	7/23/2018	Т
5/25/2018	0	6/24/2018	0	7/24/2018	0
5/26/2018	0	6/25/2018	0	7/25/2018	0
Total =	6.79	Total =	4.93	Total =	4.68

PPT - Precipitation in inches

T - Trace

M - Missing



Table 3. WETS Analysis

Project Site: Parcels 409 & 413

Period of interest: May - July County: Racine

Long-term rainfall records (from WETS table)

		3 years in 10	Normal	3 years in 10
	Month	less than	NOTITIAL	greater than
1st month prior:	July	2.63	3.57	4.20
2nd month prior:	June	2.24	3.68	4.40
3rd month prior:	May	1.92	3.23	3.92
		Cum -	10.40	

Sum = **10.48**

Site determination

	Site determination					
	Site	Condition	Condition**	Month		
	Rainfall (in)	Dry/Normal*/Wet	Value	Weight	Product	
	4.68	Wet	3	3	9	
	4.93	Wet	3	2	6	
	6.79	Wet	2	1	2	
Sum =	16.40			Sum*** =	17	

*Normal precipitation with 30% to 70% probability of occurrence

Determination X Wet

Dry

Condition value: *If sum is:

Normal

Dry = 1 6 to 9 then period has been drier than normal

Normal = 2 10 to 14 then period has been normal

Wet = 3 15 to 18 then period has been wetter than normal

Precipitation data source: RACINE (WI) USC00476922

WETS Station: RACINE (WI) USC00476922

Reference: Donald E. Woodward, ed. 1997. *Hydrology Tools for Wetland Determination*, Chapter 19. Engineering Field

Handbook. U.S. Department of Agriculture, Natural Resources Conservation Service, Fort Worth, TX.



Appendix C: Aerial Imagery and FSA Crop Slide Review

Hydrology Assessment with Aerial Imagery - Recording Form

Project Name: Parcels 409 & 413	Date: 07/25/2018	County: Racine
Investigator: Ron Londre		

Month /		Climate		Image Interpretation (s)	
Year	Image Source	Condition (wet, dry, normal)	Area A	Area B	
04/2017	Google Earth	W	NSS	NV	
06/2015	Google Earth	N	NSS	WS	
04/2014	Google Earth	N	NSS	NSS	
07/2011	Google Earth	D	NV	NSS	
06/2010	Google Earth	N	NV	CS	
06/2008	Google Earth	N	NV	CS	
07/2007	Google Earth	N	NSS	NV	
06/2006	Google Earth	W	SS	NV	
05/2005	Google Earth	D	SS	CS	
07/2002	FSA/USDA	W	SS	NSS	
06/2001	FSA/USDA	N	NSS	NSS	
06/2000	FSA/USDA	W	NSS	NV	
06/1999	FSA/USDA	N	NSS	NSS	
06/1998	FSA/USDA	N	NSS	NSS	
06/1997	FSA/USDA	D	NSS	NV	
08/1996	FSA/USDA	N	NV	NSS	
07/1995	FSA/USDA	N	NV	NV	
07/1994	FSA/USDA	D	NSS	NV	
05/1993	FSA/USDA	W	NV	NSS	
07/1992	FSA/USDA	D	NV	NV	
06/1991	FSA/USDA	W	NSS	NSS	
06/1990	FSA/USDA	W	NSS	NSS	
07/1989	FSA/USDA	D	NSS	NV	
07/1988	FSA/USDA	D	NSS	NV	
07/1987	FSA/USDA	N	NSS	NSS	
07/1986	FSA/USDA	W	NSS	NSS	
07/1985	FSA/USDA	D	NSS	NSS	
07/1984	FSA/USDA	W	NSS	NSS	
08/1983	FSA/USDA	N	NV	NV	
09/1982	FSA/USDA	N	NV	NV	
08/1981	FSA/USDA	N	NV	NV	
07/1980	FSA/USDA	N	NV	NV	

Summary Table	Area A	Area B	
# of Years of imagery reviewed	32	32	
# of years with normal normal PPT	15	15	
# of Normal years with wet signatures	0	3	
% Normal years with wet signatures	0%	20%	
# of All years with wet signatures	3	4	
% of All years with wet signatures	9%	13%	

Use key below to label photo interpretations. It is imperative that the reviewer read and understand the guidance associated with the use of these labels. If alternate labels are used indicate in the box below

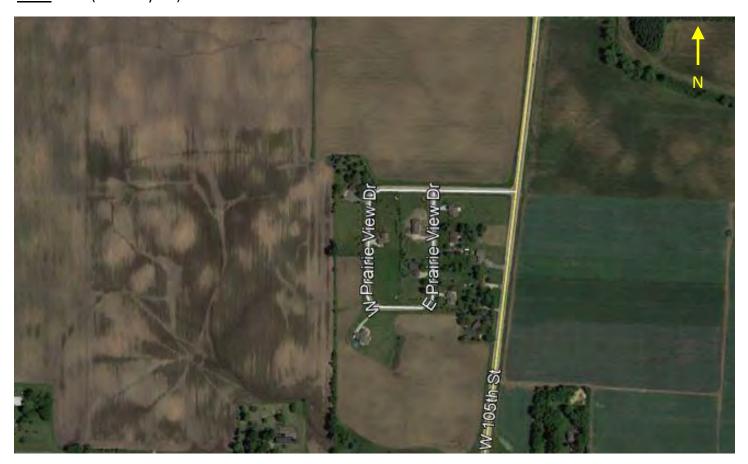
WS - wetland signature	AP - altered pattern	Comments:			
NC - not cropped	SW - standing water				
DO - drowned out	CS - crop stress				
SS - soil wetness signature	IV - normal healthy crop				
NSS - no soil wetness signature	VV- volunteer vegetation (not planted, naturally establishing, e.g. smartweeds, cattail, wild millet)				



Year: 2017 (wet year)



Year: 2015 (normal year)



Project Number 000000

Year: 2014 (normal year)



Year: 2011 (dry year)



Project Number 000000

Year: 2010 (normal year)



Year: 2008 (normal year)



Project Number 000000

Year: 2007 (normal year)



Year: 2006 (wet year)



Project Number 000000

Year: 2005 (dry year)



Year: 2002 (wet year)



Year: 2001 (normal year)



Year: 2000 (wet year)



Project Number 000000

Year: 1999 (normal year)



Year: 1998 (normal year)



Project Number 000000

Year: 1997 (dry year)



Year: 1996 (normal year)



Project Number 000000

Year: 1995 (normal year)



Year: 1994 (dry year)



Project Number 000000

Year: 1993 (wet year)



Year: 1992 (dry year)



Project Number 000000

Year: 1991 (wet year)

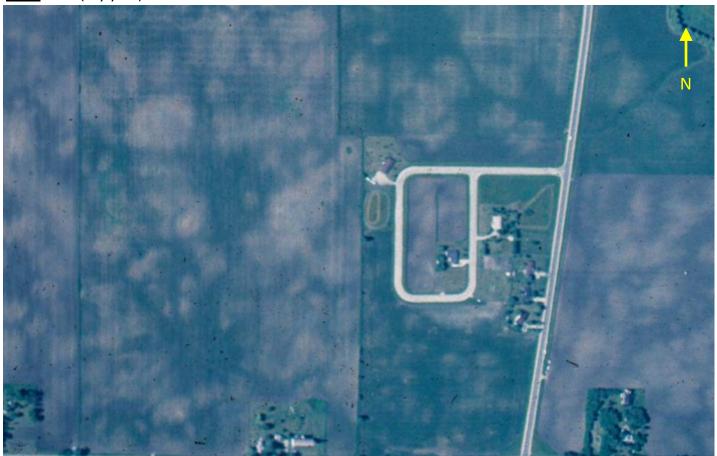


Year: 1990 (wet year)



Project Number 000000

Year: 1989 (dry year)



Year: 1988 (dry year)



Project Number 000000

Year: 1987 (normal year)



Year: 1986 (wet year)



Project Number 000000

Year: 1985 (dry year)



Year: 1984 (wet year)



Project Number 000000

Year: 1983 (normal year)

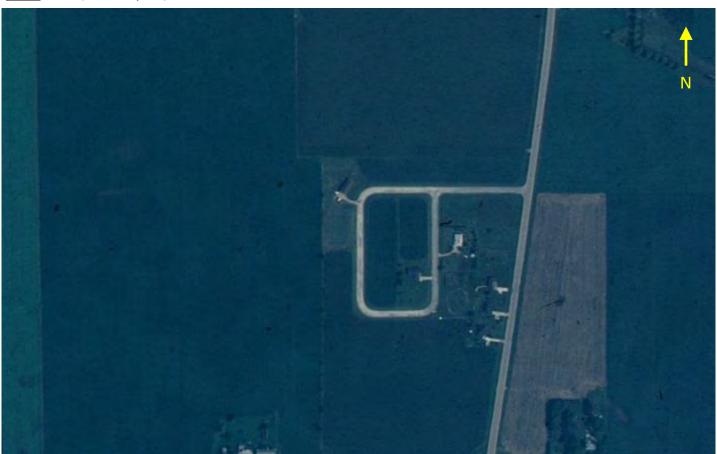


Year: 1982 (normal year)



Project Number 000000

Year: 1981 (normal year)

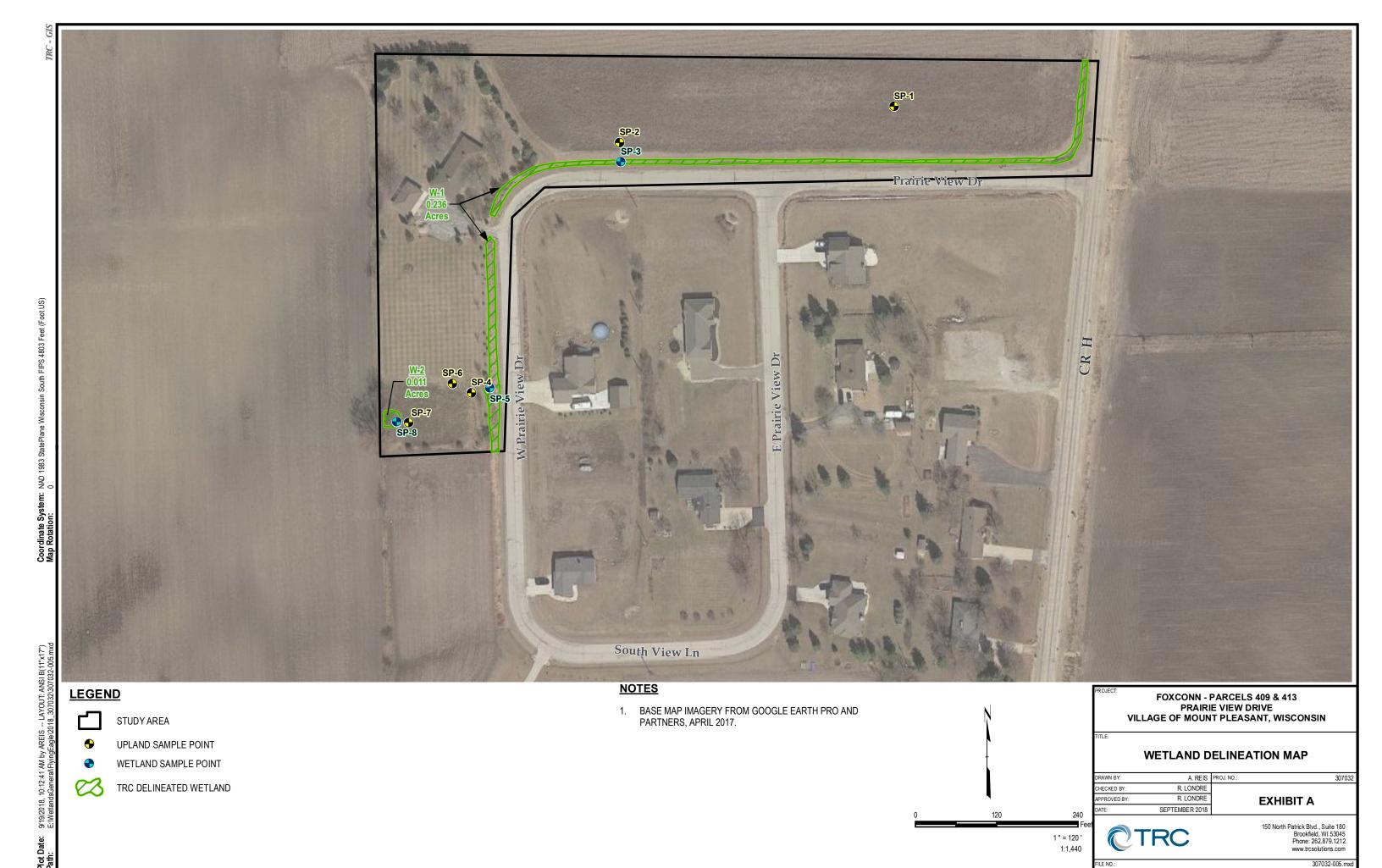


Year: 1980 (normal year)



Project Number 000000

Appendix D: Wetland Delineation Map



Appendix E: Wetland Determination Data Forms and Site Photographs

Project/Site: Parcels 409 & 413	City/County			Samp	oling Date: 201	8-07-26	
Applicant/Owner: Foxconn			State:	S	ampling Point:	SP-01	
Investigator(s): Ron Londre		Se	ction, Towns	ship, Range: S32-T03N	-R22E		
Landform (hillslope, terrace, etc.): Flat plain				ave, convex, none): Fl	at		
Slope (%): 0-1 Lat: 42.67391		Long:_	-87.91614			: WGS84	
Soil Map Unit Name: Elliott silty clay loam, 2 to 6 percent slop					l classification:	None	
Are climatic/hydrologic conditions on the site typical for this ti	-			, explain in Remarks.)	rocont?	Voc. / I	No.
Are Vegetation, Soil, or Hydrology sign Are Vegetation, Soil, or Hydrology nat				rmal Circumstances" p ed, explain any answer		Yes l	NO
			-				
SUMMARY OF FINDINGS – Attach site map show	ing samplin	g point lo	ocations, t	ransects, importa	nt features,	etc.	
Hydrophytic Vegetation Present? Yes							
Hydric Soil Present? Yes		ļ					
Wetland Hydrology Present? Yes	No <u>/</u>	Is the Sa	mpled Area	within a Wetland?		Yes	No <u>/</u> _
Remarks:							
Based on the absence of all three parameters, this area is an		e point loca	ited in crop	slide Area A. Also locat	ed in WWI map	ped	
indicator soil (pink & purple layer) to document wetland abse	ence.						
VEGETATION Use scientific names of plants.							
<u>Tree Stratum</u> (Plot size: <u>30' r)</u>		Dominant		Dominance Test wor	ksheet:		
	% Cover	Species?	Status	Number of Dominan	t Species That	_	
1				Are OBL, FACW, or FA		0	(A)
2.				Total Number of Don	ninant Species		
3.				Across All Strata:	illiant species	2	(B)
4.					c · = .		
5.				Percent of Dominant Are OBL, FACW, or FA	•	0	(A/B)
	0	= Total Cov	/er				
Sapling/Shrub Stratum (Plot size: 15' r)		=		Prevalence Index wo	rksheet:		
1				Total % Cove	er of:	Multiply I	<u>Ву:</u>
2				OBL species	3	x 1 =	3
3.				FACW species	0	x 2 =	0
4						_	
5.				FAC species	0	x 3 =	0
	0	= Total Cov	ver .	FACU species	140	x 4 =	560
Herb Stratum (Plot size: 5' r)				UPL species	15	x 5 =	75
1. Trifolium hybridum	60	Yes	FACU	·		_	
2. Symphyotrichum pilosum	30	Yes	FACU	Column Totals	158	(A)	638 (B)
3. Trifolium pratense	25	No	FACU	Prevalence	Index = B/A =	4	
4. Ambrosia artemisiifolia	15	No	FACU	Hydrophytic Vegetati	on Indicators:		
5. Daucus carota	15	No	UPL	. Hydrophytic vegetati	on mulcators.		
6. Erigeron annuus	5	No	FACU	1- Rapid Test fo	r Hydrophytic \	egetation/	
7. Solidago canadensis	5	No	FACU	2 - Dominance	Test is > 50%		
8. Symphyotrichum puniceum		No	OBL	. Overvelense I	ndovia = 2.01		
9.		-110		3 - Prevalence I	nuex is ≤ 3.0°		
-				4 - Morphologic	•		supporting
10				data in Remarks or o	n a separate sh	neet)	
	158	= Total Cov	er er	Problematic Hy	drophytic Vege	tation¹ (Ex	plain)
Woody Vine Stratum (Plot size: 30' r)				No disease of building	! 4	-l lll	
1				¹ Indicators of hydric present, unless distu		, .	gy must be
2				.	•		0 /
	0	= Total Cov	ver	Hydrophytic Vegetati	on Present?	res N	∪ <u> </u>
Remarks: (Include photo numbers here or on a separate shee	et.)						
The criterion for hydrophytic vegetation is not met. Fallow fie	eld.						
l	- 1						

SOIL Sampling Point: <u>SP-01</u>

	•	the depth n				r confirm	the absence of indicators.)	
Depth	Matrix			x Feature			-	
(inches)	Color (moist)		Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 7	10YR 2/1	100	400/0.5/6				Clay Loam	
7-9	10YR 5/3	68	10YR 5/6	2	C	M	· -	
7-9	10YR 2/1	30						Mixed
9 - 13	10YR 4/3	95	10YR 5/6	5	C	M	Clay	
13 - 24	10YR 5/2	90	10YR 5/6	10	C	M	· -	
							·	
						- <u></u>		
		epletion, RM	= Reduced Matrix	, MS = M	asked Sai		ns. ² Location: PL = Pore Lining, M = Matrix.	
•	Indicators:		Sandy Clayo	-I Matrix	(CA)		Indicators for Problematic Hydric Soils ³ :	
	sol (A1) Frinedon (A2)		Sandy Gleyed		(54)		Coast Prairie Redox (A16)	
	: Epipedon (A2) : Histic (A3)		Sandy Redox				Dark Surface (S7)	
	ogen Sulfide (A4)		Stripped Mack		al (E1)		Iron-Manganese Masses (F12)	
-	ified Layers (A5)		Loamy Gleye	-			Very Shallow Dark Surface (TF12)	
	Muck (A10)		Depleted Ma		(1 2)		Other (Explain in Remarks)	
	eted Below Dark Surf	face (A11)	Redox Dark S		F6)		³ Indicators of hydrophytic vegetation and	wetland hydrology must be
	Dark Surface (A12)	. ,	Depleted Dai				present, unless disturbed or problematic.	
	y Mucky Mineral (S1)	,	Redox Depre					
-	Mucky Peat or Peat (•			
	Layer (if observed):						,	
Ту	/pe:		None			م نمامن م	C 4.0	V = No /
De	epth (inches):			_		Hyaric	Soil Present?	Yes No
HYDROLO								
-	ydrology Indicators: dicators (minimum of	one is requ	irod: check all that	(vlage			Secondary Indicators (min	imum of two required)
•	ice Water (A1)	I One is requ	-		d Leaves	(PQ)	Surface Soil Cracks (F	
	Water Table (A2)			atic Fauna		(D3)	Surface soil Cracks (i	•
	ration (A3)				Plants (B1	.14)	Drainage Fatterns (B	
	r Marks (B1)				Ifide Odo		Crayfish Burrows (C8	
	ment Deposits (B2)		-	-			ng Roots (C3) Saturation Visible on	
	Deposits (B3)				Reduced I			
Algal	Mat or Crust (B4)		Rece	nt Iron R	≀eduction	ı in Tilled	Soils (C6) Geomorphic Position	ı (D2)
Iron D	Deposits (B5)		Thin	Muck Su	urface (C7	')	FAC-Neutral Test (D5)
	dation Visible on Aeria			-	ll Data (D			
Spars	sely Vegetated Conca	ve Surface (E	38) Othe	r (Explair	in in Rema	arks)		
Field Obser	rvations:							
Surface Wa	ater Present?	Yes	s No _ _⁄ _	De	epth (inch	ies):		
Water Table			s No _ _		epth (inch			nt? Yes No _
Saturation	Present?				pth (inch			
	apillary fringe)	Yes	sNo_ _ /		F* ,	,		
	Recorded Data (strear			nhotos	previous	e inspect	tions) if available:	
	map, contour map,	0 0.	0 .	•		•		
Remarks:								
-i ., .			5 1457					
The criteric	on for wetland hydro	logy is not m	iet. Based on WEIS	analysis د	s, anteced	dent hyd	Irologic conditions are wetter than normal.	

Photo of Sample Plot



North



East

Date: 201	18-07-26	
ling Point:	SP-02	
E.		
	n: WGS84	
ssification:	None	-
nt?	Yes	No
Remarks.)		
features,	, etc.	
	Yes _	No _ _
et:		
ecies That	0	(A)
nt Species	2	(B)
cies That	0	(A/B)
eet:		
<u>.</u>	Multiply	Bv.
<u>.</u> 0	x 1 =	. Бу. О
10	x 2 =	20
0	x 3 =	0
93	x 4 =	372
	-	
50	x 5 =	250
153	(A)	642 (B)
ex = B/A =	4.2	
-X - D//(
ndicators:		
drophytic V	Vegetatior	1
	-	
is > 50%		
$ is ≤ 3.0^{1} $		
dantations1	:1 (Provide	supporting
separate sh		23pporting
hytic Vege	etation¹ (E)	kplain)
	-	gy must be
resent? Y	Yes N	√_ o _
sepa ohyti and v	rate sh c Vege wetlan proble	rations¹ (Provide rate sheet) c Vegetation¹ (Ex wetland hydrolo problematic

SOIL Sampling Point: <u>SP-02</u>

Profile De	escription: (Describe to Matrix	tne depth		nt the inc Feature		confirm	i the absence of	r indicators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		Texture	Remarks
0 - 11	10YR 2/1	100						Clay Loam	
11 - 14	10YR 2/1	98	10YR 5/8	2	С	М		Clay Loam	
14 - 24	10YR 5/2	95	10YR 5/6	5	С	М		Clay	
¹Type: C =	Concentration, D = D	epletion, RI	M = Reduced Matrix	, MS = M	lasked Sa	nd Grair	ns. ² Location: PL	= Pore Lining, M = Matrix.	
•	il Indicators:						Indicators for P	roblematic Hydric Soils ³ :	
	osol (A1)		Sandy Gleyed		(S4)			irie Redox (A16)	
	ic Epipedon (A2)		Sandy Redox				Dark Surf		
	k Histic (A3)		Stripped Mat		J (F1)		-	ganese Masses (F12)	
_	rogen Sulfide (A4) tified Layers (A5)		Loamy Mucky					low Dark Surface (TF12)	
	n Muck (A10)		Depleted Ma		. (Г2)			plain in Remarks)	
	leted Below Dark Surf	ace (A11)	Redox Dark S		F6)			ydrophytic vegetation and v	wetland hydrology must be
	k Dark Surface (A12)	. ,	Depleted Dar		-		present, unless	s disturbed or problematic.	
Sand	dy Mucky Mineral (S1)		Redox Depre	ssions (F	- 8)				
5 cm	n Mucky Peat or Peat ((S3)							
Restrictive	e Layer (if observed):								
Т	ype:		None	_		Undric	Coil Drocont?		Yes/_ No
[Depth (inches):					пуштс	Soil Present?		tes <u>v</u> NO
Primary Ir Surf High Satu Wate Sedi Drift Alga	Hydrology Indicators: ndicators (minimum of ace Water (A1) h Water Table (A2) irration (A3) er Marks (B1) ment Deposits (B2) t Deposits (B3) Il Mat or Crust (B4)	f one is req	WateAquaTrueHydrOxidPreseRece	er-Staine atic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron F	Plants (B lfide Odo zosphere: Reduced I Reduction	14) r (C1) s on Livi ron (C4) in Tillec	ng Roots (C3) I Soils (C6)	Secondary Indicators (minimum Surface Soil Cracks (E Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed F Geomorphic Position	10) ble (C2)) Aerial Imagery (C9) Plants (D1) (D2)
	Deposits (B5)				ırface (C7			FAC-Neutral Test (D5))
	ndation Visible on Aeri				ll Data (D				
Spar	rsely Vegetated Conca	ive Surface	(B8) Otne	т (Ехріаі	n in Rem	drks)			
Field Obs	ervations:								
Surface W	/ater Present?	Ye	es No _ _⁄ _	De	epth (inch	es):			
Water Tab	ole Present?		es No _ _⁄ _	De	epth (inch	es):	-	- Wetland Hydrology Preser	nt? Yes No _ _
	n Present?				pth (inch			-	
		Va	a Na /	De	pur (men	C3).	-	-	
	capillary fringe)	<u>Ye</u>						<u>.</u>	.
	Recorded Data (strear o map, contour map,		~	•	•	•		ie:	
Remarks:									
The criter	ion for wetland hydro	logy is not i	met. Based on WETS	analysi	s, anteced	dent hyd	Irologic conditio	ons are wetter than normal.	

Photo of Sample Plot







South

Project/Site: Parcels 409 & 413	ty/County	: Mt. Pleas	ant, Racine	Sam	pling Date: 201	8-07-26	
Applicant/Owner: Foxconn			State:		Sampling Point:	SP-03	
Investigator(s): Ron Londre		Se	ction, Towns	ship, Range: S32-T03	N-R22E		
Landform (hillslope, terrace, etc.): Toe slope, ditch				ave, convex, none):			
Slope (%): 1-3 Lat: 42.67366		Long:_	-87.91749			: WGS84	
Soil Map Unit Name: Ashkum silty clay loam, 0 to 2 percent slope					VI classification:	None	
Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation, Soil, or Hydrology significate Vegetation, Soil, or Hydrology naturally	ntly distur	bed?	Are "No	, explain in Remarks.) rmal Circumstances" ed, explain any answe	present?	Yes <u>✓</u> N	0
SUMMARY OF FINDINGS – Attach site map showing	samplin	g point lo	cations, t	ransects, import	ant features	etc.	
Hydrophytic Vegetation Present? Yes _ ✓ No _	•						
Hydric Soil Present? Yes ✓ No							
Wetland Hydrology Present? Yes <u>✓</u> No	_	Is the Sar	npled Area	within a Wetland?		Yes	_ No
RReemmaarrkkss::			•				
Based on the presence of all three parameters, this area is a wetla	and. Samp	le point is lo	ocated in a r	oadside ditch. Wetlan	d ID: W-1		
VEGETATION Use scientific names of plants.							
<u>Tree Stratum</u> (Plot size: <u>4' x 700')</u>		Dominant Species?	Indicator Status	Dominance Test wo			
1				Number of Domina Are OBL, FACW, or F		1	(A)
3.				Total Number of Do Across All Strata:	minant Species	1	(B)
4 5.				Percent of Dominar Are OBL, FACW, or F		100	(A/B)
Sanling/Chruh Stratum (Diet size, 41 v 1751)	0	= Total Cov	er	Prevalence Index w			
Sapling/Shrub Stratum (Plot size: <u>4' x 175')</u> 1.				Total % Co	ver of:	Multiply B	<u>y:</u>
2.				OBL species	0	x 1 =	0
3. 4.				FACW species	100	x 2 =	200
5.				FAC species	20	x 3 =	60
	0	= Total Cov	er	FACU species	5	x 4 =	20
<u>Herb Stratum</u> (Plot size: <u>4' x 20'</u>)				UPL species	0	x 5 =	0
1. Phalaris arundinacea	100	Yes	FACW			_	
2. Poa pratensis	20	No	FAC	Column Totals	125	(A)	280 (B)
3. Festuca rubra	5	No	FACU	Prevalenc	e Index = B/A =	2.2	
4				Hydrophytic Vegeta	tion Indicators:		
5 6.				1- Rapid Test f	or Hydrophytic \	/egetation	
7.				2 - Dominance	e Test is >50%		
8.				✓ 3 - Prevalence	Index is $\leq 3.0^1$		
9.				4 - Morpholog	ical Adaptations	1 (Provide s	unnorting
10.				data in Remarks or			apporting
Woody Vine Stratum (Plot size: 4' x 700')	125	= Total Cov	er	Problematic H	ydrophytic Vege	tation¹ (Exp	lain)
1				¹Indicators of hydric present, unless dist			y must be
2	0	= Total Cov	er	Hydrophytic Vegeta	tion Present?	Yes <u>✓</u> No)
Remarks: (Include photo numbers here or on a separate sheet.) The criterion for hydrophytic vegetation is met. Fresh (Wet) Mead	ow plant c	ommunity.					

SOIL Sampling Point: <u>SP-03</u>

Depth _	scription: (Describe to Matrix	ine depth		nt the inc Feature		contirm	uie absence o	i iriulcators.)	
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		Texture	Remarks
0 - 7	10YR 2/1	95	7.5YR 5/6	5	С	M/PL		Clay Loam	
7 - 13	10YR 5/2	80	10YR 5/6	20	C	M		Clay	
13 - 21	10YR 5/1	75	7.5YR 4/6	25	С	М		Silty Clay	
				_					
				_					
¹Type: C =	Concentration, D = De	epletion, RI	M = Reduced Matrix	, MS = M	lasked Sa	nd Grain	s. ² Location: PL	= Pore Lining, M = Matrix.	
•	il Indicators:						Indicators for P	Problematic Hydric Soils ³ :	
	osol (A1)		Sandy Gleye		(S4)			irie Redox (A16)	
	c Epipedon (A2)		Sandy Redox				Dark Surf		
	k Histic (A3)		Stripped Mat		J (F1)			ganese Masses (F12)	
-	rogen Sulfide (A4) tified Layers (A5)		Loamy Muck Loamy Gleye	-				low Dark Surface (TF12)	
	n Muck (A10)		Depleted Ma		. (Г2)			plain in Remarks)	
	leted Below Dark Surfa	ace (A11)	✓ Redox Dark S		F6)			nydrophytic vegetation and	wetland hydrology must be
	k Dark Surface (A12)	,	Depleted Da	,	,		present, unless	s disturbed or problematic.	
Sand	dy Mucky Mineral (S1)		Redox Depre	ssions (F	- 8)				
5 cm	n Mucky Peat or Peat (S	53)							
Restrictive	Layer (if observed):								
Т	ype:		None	_		Undrie (Coil Drocont?		Vos. / No.
	Pepth (inches):					Hyuric :	Soil Present?		Yes No
Primary Ir Surfa High Satu Wate Sedi Drift	Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) ration (A3) For Marks (B1) ment Deposits (B2) Deposits (B3) I Mat or Crust (B4)	one is req	Wate Aque True Hydr _/_Oxid Pres	er-Staine atic Faun Aquatic ogen Su lized Rhiz ence of F	Plants (B lfide Odo zosphere Reduced l	14) or (C1) s on Livir Iron (C4)	ng Roots (C3) Soils (C6)	Secondary Indicators (min Surface Soil Cracks (E Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed I Geomorphic Position	36) 10) ble (C2)) Aerial Imagery (C9) Plants (D1)
	Deposits (B5)				ırface (C7		30113 (CO)	Geomorphic Tosidor FAC-Neutral Test (D5	
Inun	dation Visible on Aeria		(B7) Gaug		ll Data (D				•
Spar	sely Vegetated Concav	e Surface	(B8) Othe	er (Explai	n in Rem	arks)			
Field Obse	ervations:								
	ater Present?	Ye	s No	De	epth (inch	nes):			
	le Present?		s No		epth (inch			- Wetland Hydrology Preser	nt? Yes 🗸 No
	n Present?	10	31		epth (inch			- Tredund Hydrology Fresch	165 140
		Vo	s No	D.	epair (iiici	103).		-	
	capillary fringe)	Ye						<u>.</u>	-
	Recorded Data (strean o map, contour map, l		-	•	•	•		le:	
Remarks:									
			D						
ine criter	ion for wetland hydrol	ogy is met.	Based on WEIS an	aiysis, ar	iteceaent	. nyarolo	gic conditions a	are wetter than normal.	

Photo of Sample Plot



South



East

Project/Site: Parcels 409 & 413	City/County	Mt. Pleas	ant , Racine	Samp	oling Date: 201	8-07-26	
Applicant/Owner: Foxconn			State:	S	ampling Point:	SP-04	
Investigator(s): Ron Londre				ship, Range: S32-T03N			
Landform (hillslope, terrace, etc.): Back slope				ave, convex, none): _ C			
Slope (%):3-6 Lat: 42.67277 Soil Map Unit Name: Ashkum silty clay loam, 0 to 2 percent slop		Long:_	-87.91833	1000		: WGS84	
Are climatic/hydrologic conditions on the site typical for this time		Voc N	lo 🗸 (If no	, explain in Remarks.)	/l classification:	None	
Are Vegetation, Soil, or Hydrology signific	-			rmal Circumstances" p	resent?	Yes <u></u> ✓ N	lo
Are Vegetation, Soil, or Hydrology natura				ed, explain any answer			
SUMMARY OF FINDINGS – Attach site map showing	r camplin	a noint le	ocations t	ransects imports	ant features	etc	
Hydrophytic Vegetation Present? Yes No _	•	g point it	cations, t	ransects, importe	int reatures,	etc.	
Hydric Soil Present? Yes ✓ No _		İ					
Wetland Hydrology Present? Yes No _		Is the Sai	mpled Area	within a Wetland?		Yes	_ No / _
RReemmaarrkkss::							
Donal on the change of the of the control of the co							
Based on the absence of two of three parameters, this area is a	i upiand.						
VEGETATION Use scientific names of plants.							
<u>Tree Stratum</u> (Plot size: <u>30' r)</u>		Dominant Species?	Indicator Status	Dominance Test wor	ksheet:		
1. Picea pungens	5	Yes	UPL	Number of Dominan	•	1	(A)
2. Malus pumilia	3	Yes	UPL	Are OBL, FACW, or FA	AC:		
3.				Total Number of Dor Across All Strata:	minant Species	5	(B)
4.				Percent of Dominant	t Species That		
5				Are OBL, FACW, or FA	•	20	(A/B)
Sapling/Shrub Stratum (Plot size: 15' r)	8	= Total Cov	er	Prevalence Index wo	rksheet:		
1.				<u>Total % Cov</u>	er of:	Multiply E	<u>y:</u>
2.				OBL species	0	x 1 =	0
3				FACW species	0	x 2 =	0
4 5.		·		FAC species		x 3 =	
5.	0	= Total Cov	er .		105	_	420
Herb Stratum (Plot size: <u>5' r</u>)		-	·.	FACU species	105	x 4 =	420
1. Cirsium arvense	40	Yes	FACU	UPL species	8	x 5 =	40
2. Elymus repens	40	Yes	FACU	Column Totals		(A)	(B)
3. Hordeum jubatum	30	Yes	FAC	Prevalence	Index = B/A =	_	
4. Ambrosia artemisiifolia	25	No	FACU	-			
	10		FAC	Hydrophytic Vegetat	ion Indicators:		
5. Poa pratensis		No No		1- Rapid Test fo	or Hydrophytic \	/egetation	
6. Rumex crispus		No	FAC	2 - Dominance	Test is > 50%		
7.							
8. 9.				3 - Prevalence I	ndex is $\leq 3.0^{1}$		
10.				4 - Morphologic			upporting
·-·	145	= Total Cov	er	data in Remarks or o	·	•	
Woody Vine Stratum (Plot size: 30' r)		-		Problematic Hy	drophytic Vege	tation¹ (Exp	olain)
1.				¹Indicators of hydric			y must be
2.				present, unless distu	irbed or proble	matic	
				Hydrophytic Vegetat	ion Drecent?	Vac Ni	
	0	= Total Cov	er	Tiyaropriyac vegetat	ion i resent:	163 140	

SOIL Sampling Point: SP-04

_	Matrix		Redox	Feature	es				
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		Texture	Remarks
0 - 11	10YR 2/1	100						Clay Loam	_
11 - 16	10YR 2/1	95	10YR 5/6	5	С	М		Clay Loam	_
16 - 24	10YR 5/2	70	10YR 5/8	30	C	M		Clay	
					-				
Type: C =	Concentration, D = D	epletion, RI	M = Reduced Matrix	, MS = M	asked Sai	nd Grains.	² Location: PL	= Pore Lining, M = Matrix	
Hydric So	il Indicators:					Inc	dicators for F	Problematic Hydric Soils ³ :	
	osol (A1)		Sandy Gleyed		(S4)	_	Coast Pra	irie Redox (A16)	
	c Epipedon (A2)		Sandy Redox				Dark Surf		
	k Histic (A3)		Stripped Mat		1754)			ganese Masses (F12)	
-	rogen Sulfide (A4)		Loamy Mucky				-	low Dark Surface (TF12)	
	tified Layers (A5) n Muck (A10)		Loamy Gleye		(FZ)			plain in Remarks)	
	leted Below Dark Surf	face (A11)	Redox Dark S		F6)				d wetland hydrology must b
	k Dark Surface (A12)		Depleted Dar		-	pr	esent, unles	s disturbed or problemation	2.
	dy Mucky Mineral (S1))	Redox Depre						
5 cm	Mucky Peat or Peat ((S3)							
Restrictive	Layer (if observed):								
	ype:		None						_
[Depth (inches):			_		Hydric So	il Present?		Yes No
	•			-					
The criter	ion for hydric soil is m	net. Potentia	ally relict hydric soil.						
IYDROL	.OGY	net. Potentia	ally relict hydric soil.						
HYDROL Wetland I	.OGY Hydrology Indicators:								
HYDROL Wetland I Primary II	OGY Hydrology Indicators:		uired; check all that	apply)		VD0.		· ·	inimum of two required)
IYDROL Wetland I Primary II Surf	OGY Hydrology Indicators: Indicators (minimum o		uired; check all that	apply) er-Staine	d Leaves	(B9)		Surface Soil Cracks	(B6)
IYDROL Wetland I Primary II Surf	OGY Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2)		uired; check all that Wate	apply) er-Staine etic Faun	a (B13)			Surface Soil Cracks Drainage Patterns ((B6) (B10)
IYDROL Wetland I Primary II Surf High Satu	OGY Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) ration (A3)		uired; check all that Wate Aqua True	apply) er-Staine itic Faun Aquatic	a (B13) Plants (B´	14)		Surface Soil Cracks Drainage Patterns (Dry-Season Water	(B6) (B10) (able (C2)
Netland I Primary II Surf High Satu Wat	OGY Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) ration (A3) Or Marks (B1)		uired; check all that Wate Aqua True Hydr	apply) er-Staine itic Faun Aquatic ogen Su	a (B13) Plants (B´ lfide Odo	14) r (C1)	Roots (C3)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((B6) (B10) Table (C2) C8)
Netland I Primary II Surf High Satu Satu Sedi	OGY Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) ration (A3)		uired; check all that Wate Aqua True Hydr Oxid	apply) er-Staine etic Faun Aquatic ogen Sul ized Rhiz	a (B13) Plants (B´ lfide Odo	I4) r (C1) s on Living	Roots (C3)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((B6) (B10) Table (C2) C8) on Aerial Imagery (C9)
IYDROL Wetland I Primary II Surf High Satu Wat Sedi Driff	Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) ration (A3) er Marks (B1) ment Deposits (B2)		uired; check all that Wate Aqua True Hydr Oxid	apply) er-Staine itic Faun Aquatic ogen Sul ized Rhiz ence of F	a (B13) Plants (B´ lfide Odo zospheres Reduced I	I4) r (C1) s on Living		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of	(B6) (B10) Table (C2) E8) on Aerial Imagery (C9) d Plants (D1)
Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron	Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) Indicators (B1) Indicators (B2) Indicators (B3) Indicators (B3) I Mat or Crust (B4) Deposits (B5)	of one is req	uired; check all that Wate Aqua True Hydr Oxid Prese Rece	apply) ar-Staine itic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron R Muck Su	a (B13) Plants (B ² Ifide Odo Pospheres Reduced I Reduction Irface (C7	(C1) s on Living ron (C4) in Tilled So		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stressed	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2)
Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron Inur	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Deposits (B3) I Mat or Crust (B4) Deposits (B5) I Mation Visible on Aeria	of one is req	uired; check all that	apply) :r-Staine: titic Faun Aquatic ogen Sul ized Rhiz ence of F nt Iron R Muck Su e or Wel	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7	(4) r (C1) s on Living ron (C4) in Tilled So)		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2)
Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron Inur	Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) Indicators (B1) Indicators (B2) Indicators (B3) Indicators (B3) I Mat or Crust (B4) Deposits (B5)	of one is req	uired; check all that	apply) :r-Staine: titic Faun Aquatic ogen Sul ized Rhiz ence of F nt Iron R Muck Su e or Wel	a (B13) Plants (B ² Ifide Odo cospheres Reduced I Reduction Irface (C7	(4) r (C1) s on Living ron (C4) in Tilled So)		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2)
IYDROL Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron Inur Spai	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Deposits (B3) I Mat or Crust (B4) Deposits (B5) I Mation Visible on Aeria	of one is req	uired; check all that	apply) :r-Staine: titic Faun Aquatic ogen Sul ized Rhiz ence of F nt Iron R Muck Su e or Wel	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7	(4) r (C1) s on Living ron (C4) in Tilled So)		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2)
Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron Inur Spai	Hydrology Indicators: Indicators (minimum of ace Water (A1) Water Table (A2) Indicators (B1) Wern Marks (B1) Went Deposits (B2) Deposits (B3) I Mat or Crust (B4) Deposits (B5) Indation Visible on Aericsely Vegetated Conca	of one is required in the second seco	uired; check all that	apply) rr-Staine tic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron R Muck Su ge or Wel	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7	(14) r (C1) s on Living ron (C4) in Tilled So)) arks)		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2)
HYDROL Wetland H Primary II Surf High Satu Wat Sedi Drifi Alga Iron Inur Spai	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Deposits (B3) I Mat or Crust (B4) Deposits (B5) I Mation Visible on Aericsely Vegetated Concae	of one is required in the second in the seco	uired; check all that	apply) er-Staine- etic Faun Aquatic ogen Su- ized Rhiz ence of F nt Iron R Muck Su ge or Wel r (Explai	a (B13) Plants (B' Plants (B' Ifide Odo Pospheres Reduced I Reduction Irface (C7 II Data (D' In in Rema	(4) or (C1) on Living ron (C4) in Tilled So) es)		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed	(B6) (B10) (B10) (Bable (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron Inur Spai	Hydrology Indicators: Indicators (minimum of ace Water (A1) In Water Table (A2) Indicators (B1) Indicators (B1) Indicators (B3) Indicators (B3) Indicators (B3) Indicator (B4) Indicator (B5) Indicator (B5) Indicator (B5) Indicator (B6) Indicators (Indicators) Indicato	of one is required in the second in the seco	uired; check all that — Wate — Aqua — True — Hydr — Oxid — Prese — Rece — Thin (B7) — Gaug (B8) — Othe	apply). er-Staine- etic Faun Aquatic ogen Suized Rhiz ence of F nt Iron R Muck Su ge or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction Irface (C7 II Data (D' n in Rema	(4) r (C1) s on Living ron (C4) in Tilled Sc) 3) parks) es):		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (D	(B6) (B10) (B10) (Bable (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
HYDROL Wetland I Primary II Surf High Satu Sedi Driff Alga Iron Inur Spai Field Obs Surface W Water Tak Saturation	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Mat or Crust (B4) Deposits (B5) I Mat or Crust (B4) Deposits (B5) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Marks (B1) I Water Table (B2) I Water Present? I Water Present?	of one is required in the second in the seco	uired; check all that	apply). er-Staine- etic Faun Aquatic ogen Suized Rhiz ence of F nt Iron R Muck Su ge or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction or face (C7 Il Data (D' n in Rema	(4) r (C1) s on Living ron (C4) in Tilled Sc) 3) parks) es):		Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (D	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
HYDROL Wetland I Primary II Surf High Satu Sedi Driff Alga Iron Inur Spai Field Obs Surface W Water Tat Saturation (includes	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Mat or Crust (B4) Deposits (B5) I Mat or Crust (B4) Deposits (B5) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Marks (B1) I Water Table (B2) I Water Present? I Present? In Present? I Present? I Capillary fringe)	of one is required ial Imagery (Year Surface (Year Year Year Year Year Year Year Year	uired; check all that	apply). er-Staine tic Faun Aquatic ogen Su ized Rhiz ence of F Muck Su ge or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction Irface (C7 II Data (D' In in Rema	(14) r (C1) s on Living ron (C4) in Tilled Sc))) arks) es):	oils (C6)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (E) Wetland Hydrology Pres	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
Wetland I Primary II Surf High Satu Sedi Driff Alga Iron Inur Spai Field Obs Surface W Water Tak Saturation (includes Describe	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Mat or Crust (B4) Deposits (B5) I Mat or Crust (B4) Deposits (B5) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Marks (B1) I Water Table (B2) I Water Present? I Water Present?	of one is required ial Imagery (Year of the Surface (Year of the	uired; check all that — Wate — Aqua — True — Hydr — Oxid — Press — Rece — Thin (B7) — Gaug (B8) — Othe	apply). er-Stainee tic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7 II Data (D' n in Rema pth (inch- pth (inch-	(4) r (C1) s on Living ron (C4) in Tilled Sc) 9) arks) es): es):	oils (C6)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (E) Wetland Hydrology Pres	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
Wetland I Primary II Surf High Satu Sedi Driff Alga Iron Inur Spai Field Obs Surface W Water Tak Saturation (includes Describe	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Mat or Crust (B4) Deposits (B5) I Mat or Crust (B4) Deposits (B5) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Table (B2) I Water Marks (B1) I Water Deposits (B3) I Water Present? I Water Present? I Presen	of one is required ial Imagery (Year of the Surface (Year of the	uired; check all that — Wate — Aqua — True — Hydr — Oxid — Press — Rece — Thin (B7) — Gaug (B8) — Othe	apply). er-Stainee tic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7 II Data (D' n in Rema pth (inch- pth (inch-	(4) r (C1) s on Living ron (C4) in Tilled Sc) 9) arks) es): es):	oils (C6)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (E) Wetland Hydrology Pres	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
Wetland I Primary II Surf High Satu Wat Sedi Driff Alga Iron Inur Span Field Obs Surface W Water Tat Saturation Gincludes Describe USGS top	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Mat or Crust (B4) Deposits (B5) I Mat or Crust (B4) Deposits (B5) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Table (B2) I Water Marks (B1) I Water Deposits (B3) I Water Present? I Water Present? I Presen	of one is required ial Imagery (Year of the Surface (Year of the	uired; check all that — Wate — Aqua — True — Hydr — Oxid — Press — Rece — Thin (B7) — Gaug (B8) — Othe	apply). er-Stainee tic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7 II Data (D' n in Rema pth (inch- pth (inch-	(4) r (C1) s on Living ron (C4) in Tilled Sc) 9) arks) es): es):	oils (C6)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (E) Wetland Hydrology Pres	(B6) (B10) (B10) (Table (C2) (E8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)
Wetland I Primary II Surf High Satu Sedi Driff Alga Iron Inur Spai Field Obs Surface W Water Tak Saturation includes Describe	Hydrology Indicators: Indicators (minimum of ace Water (A1) I Water Table (A2) I Water Table (A2) I Water Table (B1) I Water Table (B2) I Mat or Crust (B4) Deposits (B5) I Mat or Crust (B4) Deposits (B5) I Water Table (A2) I Water Table (A2) I Water Table (A2) I Water Table (B2) I Water Marks (B1) I Water Deposits (B3) I Water Present? I Water Present? I Presen	of one is required ial Imagery (Year of the Surface (Year of the	uired; check all that — Wate — Aqua — True — Hydr — Oxid — Press — Rece — Thin (B7) — Gaug (B8) — Othe	apply). er-Stainee tic Faun Aquatic ogen Su ized Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B' Ifide Odo cospheres Reduced I Reduction urface (C7 II Data (D' n in Rema pth (inch- pth (inch-	(4) r (C1) s on Living ron (C4) in Tilled Sc) 9) arks) es): es):	oils (C6)	Surface Soil Cracks Drainage Patterns (Dry-Season Water Crayfish Burrows ((Saturation Visible of Stunted or Stressed Geomorphic Position FAC-Neutral Test (E) Wetland Hydrology Pres	(B6) (B10) Table (C2) C8) on Aerial Imagery (C9) d Plants (D1) on (D2) (5)





Southeast

Project/Site: Parcels 409 & 413	ity/County:	Mt. Pleas	ant, Racine	Sampli	ng Date: 201	8-07-26	
Applicant/Owner: Foxconn			State:	Sar	npling Point:	SP-05	
Investigator(s): Ron Londre				ship, Range: S32_T03N-F			
Landform (hillslope, terrace, etc.): Toe slope, ditch				ave, convex, none): Cor			
Slope (%): 1-3 Lat: 42.67277		Long:_	-87.91827	14840		: WGS84	
Soil Map Unit Name: Ashkum silty clay loam, 0 to 2 percent slope Are climatic/hydrologic conditions on the site typical for this time		Voc N	o / (If no	, explain in Remarks.)	classification:	None	
Are Vegetation, Soil, or Hydrology signification in the site typical for this time.	-			rmal Circumstances" pre	esent?	Yes <u></u> ✓ N	n
Are Vegetation, Soil, or Hydrology natural				ed, explain any answers			
			cations t	rancasta immartan	t faaturas	ata	
SUMMARY OF FINDINGS – Attach site map showing	•	g point io	cauoris, i	ransects, importan	it reatures,	eic.	
Hydrophytic Vegetation Present? Yes ✓ No _ Hydric Soil Present? Yes ✓ No _		l I					
Wetland Hydrology Present? Yes ✓ No _		Is the San	nnled Area	within a Wetland?		Yes	No
RReemmaarrkkss::		15 6116 541	.р.са / са				
TREETHINGS.							
Based on the presence of all three parameters, this area is a wet	land. Wetla	nd ID: W-1					
VEGETATION Use scientific names of plants.				1			
Tree Stratum (Plot size: 10' x 280')		Dominant		Dominance Test works	heet:		
	% Cover	Species?	Status	Number of Dominant	Species That	-	
1				Are OBL, FACW, or FAC	•	2	(A)
2				Total Number of Domi	nant Species		
3				Across All Strata:		2	(B)
4.				Percent of Dominant S	inecies That		
5.				Are OBL, FACW, or FAC	•	100	(A/B)
	0	= Total Cov	er	Prevalence Index work	sheet:		
Sapling/Shrub Stratum (Plot size: 10' x 70')							
1				<u>Total % Cover</u>	of:	Multiply By	<u>r.</u>
2				OBL species	80	x 1 =	80
3.				FACW species	40	x 2 =	80
4.				FAC species	0	x 3 =	0
5				- FAC species		× 3	
		= Total Cov	21	FACU species	0	x 4 =	0
Herb Stratum (Plot size: 5' r)				UPL species	0	x 5 =	0
1. Typha X glauca	80	Yes	OBL	Column Totals	120	(A)	160 (B)
2. Phalaris arundinacea	40	Yes	FACW	_	120	(^)	100 (B)
3				Prevalence II	ndex = B/A =	1.3	
4				Hydrophytic Vegetation	n Indicators:		
5				✓ 1- Rapid Test for	Hvdrophytic \	/egetation	
6					, ,	-8	
7				_ ✓ 2 - Dominance Te	est is >50%		
8				3 - Prevalence Inc	dex is $\leq 3.0^{1}$		
9				4 - Morphologica	l Adaptations	¹ (Provide su	upporting
10				data in Remarks or on			
	120	= Total Cov	er	Problematic Hydi	rophytic Vege	tation¹ (Exp	lain)
Woody Vine Stratum (Plot size: 10' x 280')						·	
1				¹ Indicators of hydric so present, unless disturb			must be
2				<u> </u>			
	0	= Total Cov	er	Hydrophytic Vegetation	n Present? `	Yes <u>√</u> No	
Remarks: (Include photo numbers here or on a separate sheet.)							
The criterion for hydrophytic vegetation is met. Shallow Marsh pl	iant commu	ınıty.					

SOIL Sampling Point: <u>SP-05</u>

Depth	Matrix		Redox	Feature	:S				
nches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture		Remarks
0 - 8	10YR 2/1	95	7.5YR 5/6	5	С	М	Clay Loam		
3 - 14	10YR 5/2	50	7.5YR 5/6	10	С	М	Clay		
3 - 14	10YR 5/3	40			-				Mixed
4 - 24	10YR 5/1	60	7.5YR 5/6	20	С	М	Clay		
4 - 24	10YR 5/3	20							Mixed
[vne: C =	Concentration D = D	enletion R	M = Reduced Matrix	MS = M	asked Sai	nd Grains 2Lo	ocation: PL = Pore Linin	g M = Matrix	
•	Indicators:	repreción, re	W Reduced Widthy,	1415 141	usiteu sui		ators for Problematic H	-	
,	osol (A1)		Sandy Gleyed	l Matrix	(S4)		Coast Prairie Redox (A	•	
	c Epipedon (A2)		Sandy Redox		(= .)		Dark Surface (S7)	. 5,	
	(Histic (A3)		Stripped Mat				Iron-Manganese Mass	es (F12)	
Hydr	ogen Sulfide (A4)		Loamy Mucky	/ Minera	l (F1)		Very Shallow Dark Sur		
Strat	ified Layers (A5)		Loamy Gleye	d Matrix	(F2)		Other (Explain in Rema		
	Muck (A10)		Depleted Ma				cators of hydrophytic v		hydrology must b
	eted Below Dark Surf	face (A11)	✓_ Redox Dark S				ent, unless disturbed o	-	,
	Dark Surface (A12)		Depleted Dar			·		•	
	y Mucky Mineral (S1)		Redox Depre	ssions (F	8)				
	Mucky Peat or Peat ((53)							
	Layer (if observed):		Ness						
	ype:		None	-		Hydric Soil P	resent?	Yes	<u>∕_</u> No
D	epth (inches):			_					
	on for hydric soil is m	net.							
YDROL Yetland H rimary In Surfa High Satu Wate Sedin Drift Algal Iron	ogy Indicators: In	of one is req	WateAquaTrueHydrOxidiPreseReceThin (B7)Gaug	r-Stainer tic Faun Aquatic ogen Sul zed Rhiz ence of F nt Iron R Muck Su e or Wel	Plants (B1 lfide Odor cospheres Reduced I reduction rface (C7 Il Data (D9	(4) (C1) on Living Rooron (C4) in Tilled Soils	Surfac Draina Dry-Se Crayfis Satura Stunte (C6)	ndicators (minimum o e Soil Cracks (B6) age Patterns (B10) cason Water Table (C2) sh Burrows (C8) cition Visible on Aerial I d or Stressed Plants (I orphic Position (D2) eutral Test (D5)	magery (C9)
retland Herimary In Surfa Satu Wate Sedin Drift Algal Iron Inun Spar	ogy Indicators: dicators (minimum of ace Water (A1) Water Table (A2) ration (A3) er Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aerisely Vegetated Conca	of one is req	WateAquaTrueHydrOxidiPreseReceThin (B7)Gaug	r-Stainer tic Faun Aquatic ogen Sul zed Rhiz ence of F nt Iron R Muck Su e or Wel	a (B13) Plants (B1 Ifide Odor cospheres Reduced I reduction rrface (C7	(4) (C1) on Living Rooron (C4) in Tilled Soils	Surfac Draina Dry-Se Crayfis Satura Stunte (C6)	e Soil Cracks (B6) age Patterns (B10) asson Water Table (C2) sh Burrows (C8) ation Visible on Aerial I ad or Stressed Plants (I orphic Position (D2)	magery (C9)
/DROL /etland H rimary In Surfa High Satu Wate Sedin Drift Algal Iron Inun Spar	ogy hydrology Indicators: dicators (minimum of ace Water (A1) Water Table (A2) ration (A3) er Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Conca	of one is required in the second seco	Wate	r-Staine tic Faun Aquatic ogen Sul zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odol cospheres Reduced II reduction urface (C7) II Data (D9 n in Rema	4) r (C1) r on Living Roor (C4) in Tilled Soils) rrks)	Surfac Draina Dry-Se Crayfis Satura Stunte (C6)	e Soil Cracks (B6) age Patterns (B10) asson Water Table (C2) sh Burrows (C8) ation Visible on Aerial I ad or Stressed Plants (I orphic Position (D2)	magery (C9)
retland Hrimary In Surfa High Satur Wate Sedir Drift Algal Iron Inun Spar	ydrology Indicators: dicators (minimum of ace Water (A1) Water Table (A2) ration (A3) er Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Conca	of one is required in the second in the seco	— Wate — Aqua — True — Hydr — Oxidi — Prese — Rece — Thin (B7) — Gaug (B8) — Othe	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odoi cospheres Reduced I Reduction rrface (C7 I Data (D9 n in Rema	4) c (C1) c on Living Rooron (C4) in Tilled Soils e) prks)	Surfac	e Soil Cracks (B6) age Patterns (B10) ason Water Table (C2) sh Burrows (C8) ation Visible on Aerial II d or Stressed Plants (I orphic Position (D2) eutral Test (D5)	magery (C9) D1)
YDROL /etland H rimary In Surfa High Satu Wate Sedin Drift Algal Iron Inun Spar eld Obse urface W /ater Tab	ogy lydrology Indicators: dicators (minimum of the Marks (Marks	of one is required in the second in the seco	Wate	r-Staine tic Faun Aquatic ogen Sui zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odoi cospheres Reduced I Reduction orface (C7 Il Data (D9 n in Rema	4) (C1) con Living Rocoron (C4) in Tilled Soils (A) Arks)	Surfac	e Soil Cracks (B6) age Patterns (B10) asson Water Table (C2) sh Burrows (C8) ation Visible on Aerial I ad or Stressed Plants (I orphic Position (D2)	magery (C9)
YDROL /etland H rimary In Surfa High Satu Wate Sedii Drift Algal Iron Inun Spar seld Obse urface W /ater Tab	ogy lydrology Indicators: dicators (minimum of the Mater (A1) Water Table (A2) ration (A3) let Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Concatervations: later Present?	of one is required ial Imagery ave Surface	— Wate — Aqua — True — Hydr — Oxidi — Prese — Rece — Thin — Gaug (B8) — Othe es No _✓ es No _✓	r-Staine tic Faun Aquatic ogen Sui zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odoi cospheres Reduced I Reduction rrface (C7 I Data (D9 n in Rema	4) (C1) con Living Rocoron (C4) in Tilled Soils (A) Arks)	Surfac	e Soil Cracks (B6) age Patterns (B10) ason Water Table (C2) sh Burrows (C8) ation Visible on Aerial II d or Stressed Plants (I orphic Position (D2) eutral Test (D5)	magery (C9) D1)
/DROL /etland H rimary In Surfa High Satu Wate Sedii Drift Algal Iron Inun Spar eld Obse urface W /ater Tab	ogy lydrology Indicators: dicators (minimum of the Mater (A1) Water Table (A2) ration (A3) er Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Concatervations: ater Present? le Present? la Present? capillary fringe)	of one is required ial Imagery ave Surface	Wate	r-Staine tic Faun Aquatic ogen Sul zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odol cospheres Reduced II Reduction Inface (C7 II Data (D9 In in Rema In Inche	4) f (C1) f on Living Rooron (C4) in Tilled Soils deprivation of the control of t	Surfac Draina Dry-Se Crayfii ots (C3) Satura Stunte (C6) FAC-N Wetland Hy	e Soil Cracks (B6) age Patterns (B10) ason Water Table (C2) sh Burrows (C8) ation Visible on Aerial II d or Stressed Plants (I orphic Position (D2) eutral Test (D5)	magery (C9) D1)
YDROL /etland H rimary In Surfa High Satu Wate Sedii Drift Algal Iron Inun Spar ield Obse urface W /ater Tab aturatior ncludes c escribe I	ogy lydrology Indicators: dicators (minimum of the Mater (A1) Water Table (A2) ration (A3) let Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Concatervations: later Present?	of one is required ial Imagery ave Surface Year Year gauge, m gauge, m	— Wate — Aqua — True — Hydr — Oxidi — Prese — Thin (B7) — Gaug (B8) — Othe es No _✓ es No _✓ onitoring well, aeria	r-Stainer tic Faun Aquatic ogen Sul zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odol cospheres Reduced II Reduction rrface (C7 II Data (D9 n in Rema pth (inche pth (inche pth (inche pth (pth (inche pth (pth (pth (pth (pth (pth (pth (pth (4) (C1) (on Living Rooron (C4) (in Tilled Soils () () () () () () () () () () () () ()	Surfac Draina Dry-Se Crayfii ots (C3) Satura Stunte (C6) FAC-N Wetland Hy	e Soil Cracks (B6) age Patterns (B10) ason Water Table (C2) sh Burrows (C8) ation Visible on Aerial II d or Stressed Plants (I orphic Position (D2) eutral Test (D5)	magery (C9) D1)
/DROL etland H imary In Surfa High Satu Wate Sedin Drift Algal Iron Inun Spar eld Obse urface W ater Tab aturation ncludes cescribe I	ogy lydrology Indicators: dicators (minimum of the Marks (Marks	of one is required ial Imagery ave Surface Year Year gauge, m gauge, m	— Wate — Aqua — True — Hydr — Oxidi — Prese — Thin (B7) — Gaug (B8) — Othe es No _✓ es No _✓ onitoring well, aeria	r-Stainer tic Faun Aquatic ogen Sul zed Rhiz ence of F nt Iron R Muck Su e or Wel r (Explai	a (B13) Plants (B1 Ifide Odol cospheres Reduced II Reduction rrface (C7 II Data (D9 n in Rema pth (inche pth (inche pth (inche pth (pth (inche pth (pth (pth (pth (pth (pth (pth (pth (4) (C1) (on Living Rooron (C4) (in Tilled Soils () () () () () () () () () () () () ()	Surfac Draina Dry-Se Crayfii ots (C3) Satura Stunte (C6) FAC-N Wetland Hy	e Soil Cracks (B6) age Patterns (B10) ason Water Table (C2) sh Burrows (C8) ation Visible on Aerial II d or Stressed Plants (I orphic Position (D2) eutral Test (D5)	magery (C9) D1)

Photo of Sample Plot



East



East

Project/Site: Pare	cels 409 & 413	C	ity/County:	: Mt. Pleas	ant , Racine	Sam	pling Date: 201	8-07-27	
Applicant/Owner:	Foxconn				State:	<u> </u>	ampling Point:	SP-06	
Investigator(s):	Ron Londre			Se	ction, Towns	hip, Range: S32-T03N	I-R22E		
Landform (hillslop	e, terrace, etc.):	Flat plain		Loca	l relief (conc	ave, convex, none): _ F	lat		
Slope (%): 1-3		42.67276		Long:_	-87.91844			: WGS84	
•		clay loam, 0 to 2 percent slope					/I classification:	None	
Are climatic/nydro Are Vegetation	-	on the site typical for this time of or Hydrology signification.	-			, explain in Remarks.) rmal Circumstances" p	recent?	Yes <u></u> ✓ ١	do
Are Vegetation		or Hydrology natural				ed, explain any answei		162 <u>*</u> 1	NO
•								-4-	
		Attach site map showing	•	g point ic	ocations, t	ransects, importa	ant reatures,	etc.	
Hydrophytic Vege Hydric Soil Preser		Yes No		ļ					
Wetland Hydrolog		Yes _ .✓ _ No Yes No		le the Sa	mplad Araa i	within a Wetland?		Yes	No. /
Remarks:	gy Fresent:	165 110	<u>v_</u>	is tile sai	iipieu Area i	within a wettand:		165	No _ <u>-/</u> _
	ence of two of the	ree parameters, this area is an	unland Sa	mnle noint	taken where	there was a natch of	Hordeum juhat	rum	
to document wetl		ce parameters, and area is an	apiaria. 3a	mpic point	taken where	anere was a pater of	rioracam jaba	·uiii	
vegetation	- Use scientific	c names of plants.							
Tree Stratum (Plo	t size: <u>30' r)</u>			Dominant Species?	Indicator Status	Dominance Test wor	ksheet:		
1			70 COVE	Species:	Julus	Number of Dominar	nt Species That	1	(A)
1.						Are OBL, FACW, or F	AC:		
2.				-		Total Number of Doi	minant Species	2	(B)
3.						Across All Strata:			(D)
4						Percent of Dominan	t Species That	Ε0.	(A (D)
5						Are OBL, FACW, or F	AC:	50	(A/B)
c 1: (c) 1 c.	. (5)		0	= Total Cov	er	Prevalence Index wo	rksheet:		
Sapling/Shrub Str 1.	<u>atum (Plot size: 1</u>	<u>5' r</u>)				Total % Cov	er of:	Multiply E	<u>By:</u>
2.						OBL species	0	x 1 =	0
3.						,		_	
4.						FACW species	0	x 2 =	0
5						FAC species	63	x 3 =	189
			0	= Total Cov	er	FACU species	103	x 4 =	412
Herb Stratum (Plo	ot size: <u>5' r</u>)					UPL species	13	x 5 =	65
1. Hordeum juba	atum		60	Yes	FAC		170	-	666 (D)
2. Ambrosia arte	emisiifolia		50	Yes	FACU	Column Totals	179	(A)	666 (B)
3. Symphyotrich	um pilosum		15	No	FACU	Prevalence	e Index = B/A =	3.7	
4. Trifolium hybr	ridum		15	No	FACU	Hydrophytic Vegetat	ion Indicators:		
5. Cirsium arven	se		10	No	FACU				
6. Daucus carota	7		10	No	UPL	1- Rapid Test fo	or Hydrophytic \	/egetation	
7. Elymus repen.	S		10	No	FACU	2 - Dominance	Test is > 50%		
8. Asclepias syria	аса		3	No	FACU	3 - Prevalence	Index is < 3.01		
9. <i>Convolvulus a</i>	rvensis	-	3	No	UPL				
10. <i>Rumex crispu</i>	s		3	No	FAC	4 - Morphologi	•		supporting
<u></u>			179	= Total Cov		data ili kelilaiks oi t	ni a separate si	ieet)	
Woody Vine Strat	um (Plot size: 30'	rl				Problematic Hy	drophytic Vege	tation¹ (Ex	olain)
1.	<u>um (1 100 3120. 50</u>	<u>u</u>				¹Indicators of hydric	soil and wetlan	d hydrolog	y must be
2.						present, unless distu			-
			0	= Total Cov	er	Hydrophytic Vegetat	ion Present?	/es N	o <u>√</u>
Remarks: (Include	photo numbers	here or on a separate sheet.)		-		l .			
(include	- principal inclination								
The criterion for h	nydrophytic veget	tation is not met. Fallow field.							

SOIL Sampling Point: <u>SP-06</u>

(inches)	Matrix		Redox	Feature	es			
0 7	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0 - 7	10YR 2/1	100					Clay Loam	·
7 - 12	10YR 2/1	95	7.5YR 4/6	5	С	M	Clay Loam	Redox concretions
12 - 19	2.5Y 5/2	90	10YR 5/6	10	С	M	Clay	
19 - 24	2.5Y 5/1	80	10YR 5/6	20	С	M	Clay	
								-
•		epletion, RI	M = Reduced Matrix	MS = M	lasked Sa		n: PL = Pore Lining, M = Matrix.	
•	Indicators:		Candy Clayes	Matrix	(C 4)		for Problematic Hydric Soils ³ :	
	sol (A1) E Epipedon (A2)		Sandy Gleyed		(54)		Prairie Redox (A16)	
	Histic (A3)		Stripped Mat				Surface (S7)	
	ogen Sulfide (A4)		Loamy Mucky		l (F1)		Manganese Masses (F12) Shallow Dark Surface (TF12)	
-	ified Layers (A5)		Loamy Gleye				(Explain in Remarks)	
	Muck (A10)		Depleted Mat		` '		of hydrophytic vegetation and	wotland bydrology must be
Deplo	eted Below Dark Surf	ace (A11)	Redox Dark S	urface (F6)		nless disturbed or problematic.	wetiand hydrology must be
∠ _ Thick	Dark Surface (A12)		Depleted Dar	k Surfac	e (F7)	present, ar	ness distarbed or problematic.	
	y Mucky Mineral (S1)		Redox Depre	ssions (F	8)			
	Mucky Peat or Peat ((S3)						
	Layer (if observed):							
Ty	/pe:		None	_		Hydric Soil Present	7	Yes No
D	epth (inches):			_			•	
Remarks:								
HYDROL	OGY							
Wetland H	ydrology Indicators:							
	ydrology Indicators: dicators (minimum o	f one is req	uired; check all that	apply)			Secondary Indicators (min	imum of two required)
Primary In	ydrology Indicators: dicators (minimum o nce Water (A1)	f one is req			d Leaves	(B9)	Secondary Indicators (min	·
Primary In Surfa	dicators (minimum o	f one is req	Wate			(B9)	•	B6)
Primary In Surfa High	dicators (minimum o	f one is req	Wate Aqua	r-Staine tic Faun			Surface Soil Cracks (I	B6) 110)
Primary In Surfa High Satur Wate	dicators (minimum o ice Water (A1) Water Table (A2) ration (A3) r Marks (B1)	f one is req	Wate Aqua True Hydr	r-Staine tic Faun Aquatic ogen Su	a (B13) Plants (B lfide Odo	14) r (C1)	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8	B6) 110) able (C2)
Primary In Surfa High Satur Wate Sedir	dicators (minimum o ice Water (A1) Water Table (A2) ration (A3) r Marks (B1) nent Deposits (B2)	f one is req	Wate Aqua True Hydr Oxid	r-Staine tic Faun Aquatic ogen Su zed Rhi	a (B13) Plants (B lfide Odo zospheres	14) r (C1) s on Living Roots (C	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on	
Primary In Surfa High Satur Wate Sedir	dicators (minimum of the Water (A1) Water Table (A2) Pation (A3) In Marks (B1) Ment Deposits (B2) Deposits (B3)	f one is req	Wate Aqua True Hydr Oxid Prese	r-Staine tic Faun Aquatic ogen Su zed Rhiz	a (B13) Plants (B lfide Odo zospheres Reduced I	(4) r (C1) s on Living Roots (Ci ron (C4)	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1)
Primary In Surfa High Satur Wate Sedir Drift Algal	dicators (minimum of the Water (A1) Water Table (A2) Fation (A3) In Marks (B1) Ment Deposits (B2) Deposits (B3) Mat or Crust (B4)	f one is req	WateAquaTrueHydrOxidPreseRece	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I	a (B13) Plants (B lfide Odo zospheres Reduced I Reduction	r (C1) s on Living Roots (C ron (C4) in Tilled Soils (C6)	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In Surfa High Satur Wate Sedir Drift Algal	dicators (minimum of the Mater (A1) Water Table (A2) Fation (A3) In Marks (B1) In Marks (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5)		WateAquaTrueHydrOxidPreseReceThin	r-Staine tic Faun Aquatic ogen Su zed Rhi: ence of I nt Iron F Muck Su	a (B13) Plants (B' Ifide Odo zospheres Reduced I Reduction urface (C7	14) r (C1) s on Living Roots (Ci ron (C4) in Tilled Soils (C6)	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In Surfa High Satur Wate Sedir Drift Algal Iron I	dicators (minimum of the Water (A1) Water Table (A2) Fation (A3) In Marks (B1) Ment Deposits (B2) Deposits (B3) Mat or Crust (B4)	al Imagery (WateAquaTrueHydrOxidPreseThinGaug	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We	a (B13) Plants (B lfide Odo zospheres Reduced I Reduction	14) r (C1) s on Living Roots (Ci ron (C4) in Tilled Soils (C6))	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Spars	dicators (minimum of the dicators (minimum of the dicators (minimum of the dicator) water Table (A2) water Table (A2) water (A3) water (B4) Deposits (B3) water (B4) Deposits (B5) dation Visible on Aericsely Vegetated Conca	al Imagery (WateAquaTrueHydrOxidPreseThinGaug	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We	a (B13) Plants (B' lfide Odo zospheres Reduced I Reduction urface (C7	14) r (C1) s on Living Roots (Ci ron (C4) in Tilled Soils (C6))	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Spars	dicators (minimum of the dicators (minimum of the dicators (minimum of the dicators (minimum of the dicator) water Table (A2) water Table (A2) water (B4) Deposits (B3) water Crust (B4) Deposits (B5) dation Visible on Aerisely Vegetated Concarvations:	al Imagery (ve Surface (WateAquaTrueHydrOxidPreseThinGaug _B8)Othe	r-Staine tic Faun Aquatic ogen Su zed Rhi: ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zospheres Reduced I Reduction urface (C7 II Data (D' n in Rema	14) r (C1) s on Living Roots (Ci ron (C4) in Tilled Soils (C6)) arks)	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Inunc Spars Field Obse	dicators (minimum of the Water (A1) Water Table (A2) Fation (A3) In Marks (B1) In Marks (B1) In Marks (B3) Mat or Crust (B4) Deposits (B5) Idation Visible on Aerical Vegetated Concarvations: Interpresent?	al Imagery (ive Surface (Ye	— Wate — Aqua — True — Hydr — Oxid — Preso — Rece — Thin (B7) — Gaug (B8) — Othe	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zosphere: Reduced I Reduction urface (C7 Il Data (D' n in Rema	(14) r (C1) s on Living Roots (Ciron (C4) in Tilled Soils (C6)) arks)	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior FAC-Neutral Test (D5	B6) (10) (bble (C2) (B) (Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Inunc Spars Field Obse Surface Wa	dicators (minimum of the dicators (minimum of	al Imagery (ive Surface (Ye	WateAquaTrueHydrOxidPreseThinGaug _B8)Othe	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zosphere: Reduced I Reduction urface (C7 II Data (D' n in Rema	(4) r (C1) s on Living Roots (Ci ron (C4) in Tilled Soils (C6)) arks) ess):	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Inunc Spars Field Obse Surface Water Tabl	dicators (minimum of ice Water (A1) Water Table (A2) ration (A3) r Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Concarvations: ater Present? Present?	al Imagery (ve Surface (Ye Ye	— Wate — Aqua — True — Hydr — Oxid — Preso — Rece — Thin — Gaug (B8) — Othe ss No _✓	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zosphere: Reduced I Reduction urface (C7 Il Data (D' n in Rema	(4) r (C1) s on Living Roots (Ci ron (C4) in Tilled Soils (C6)) arks) ess):	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (C8 Saturation Visible on Stunted or Stressed Geomorphic Positior FAC-Neutral Test (D5	B6) (10) (bble (C2) (B) (Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Inunc Spars Field Obse Surface Water Tabl Saturation (includes c	dicators (minimum of ce Water (A1) Water Table (A2) Fation (A3) In Marks (B1) In Marks (B1) In Marks (B3) Mat or Crust (B4) Deposits (B5) Idation Visible on Aericsely Vegetated Concarvations: In Marks (B5) In Marks (B6) In Marks (B7) In Mar	al Imagery (ve Surface (Ye Ye Ye	Wate Aqua Aqua True Hydr Oxid Presc Rece Thin Gaug B8 Othe S No _✓	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zosphere: Reduced I Reduction urface (C7 II Data (D' n in Rema	14) r (C1) s on Living Roots (Ciron (C4) in Tilled Soils (C6)) arks) ess):	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (CE Saturation Visible on Stunted or Stressed Geomorphic Position FAC-Neutral Test (D5	86) (10) (ble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Inunc Spars Field Obse Surface Water Tabl Saturation (includes c Describe R	dicators (minimum of ice Water (A1) Water Table (A2) ration (A3) r Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5) dation Visible on Aericsely Vegetated Concarvations: ater Present? Present?	al Imagery (ve Surface (Ye Ye Ye Tel Tel Tel Tel Tel T	— Wate — Aqua — True — Hydr — Oxid — Prese — Thin — Gaug — B8) — Othe — Oxid — Control of the c	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zospheres Reduced I Reduction urface (C7 II Data (D' n in Rema epth (inch epth (inch	id) r (C1) s on Living Roots (Ciron (C4) in Tilled Soils (C6)) arks) ess): ess):	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (CE Saturation Visible on Stunted or Stressed Geomorphic Position FAC-Neutral Test (D5	86) (10) (ble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In- Surfa High Satur Wate Sedir Drift Algal Iron I Inunc Spars Field Obse Surface Water Tabl Saturation (includes c Describe R	dicators (minimum of the dicators (minimum of the dicators (minimum of the dicators (minimum of the dicator) water Table (A2) water Table (A2) water (B4) peposits (B3) water Crust (B4) peposits (B5) dation Visible on Aerisely Vegetated Concators (mater Present? when the dicator (minimum of the dicator) water Present? wa	al Imagery (ve Surface (Ye Ye Ye Tel Tel Tel Tel Tel T	— Wate — Aqua — True — Hydr — Oxid — Prese — Thin — Gaug — B8) — Othe — Oxid — Control of the c	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zospheres Reduced I Reduction urface (C7 II Data (D' n in Rema epth (inch epth (inch	id) r (C1) s on Living Roots (Ciron (C4) in Tilled Soils (C6)) arks) ess): ess):	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (CE Saturation Visible on Stunted or Stressed Geomorphic Position FAC-Neutral Test (D5	B6) (10) (bble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)
Primary In Surfa High Satur Wate Sedir Drift Algal Iron I Inund Spars Field Obse Surface Wa Water Tabl Saturation includes c Describe R	dicators (minimum of the dicators (minimum of the dicators (minimum of the dicators (minimum of the dicator) water Table (A2) water Table (A2) water (B4) peposits (B3) water Crust (B4) peposits (B5) dation Visible on Aerisely Vegetated Concators (mater Present? when the dicator (minimum of the dicator) water Present? wa	al Imagery (ve Surface (Ye Ye Ye Tel Tel Tel Tel Tel T	— Wate — Aqua — True — Hydr — Oxid — Prese — Thin — Gaug — B8) — Othe — Oxid — Control of the c	r-Staine tic Faun Aquatic ogen Su zed Rhiz ence of I nt Iron F Muck Su e or We r (Explai	a (B13) Plants (B' Ifide Odo zospheres Reduced I Reduction urface (C7 II Data (D' n in Rema epth (inch epth (inch	id) r (C1) s on Living Roots (Ciron (C4) in Tilled Soils (C6)) arks) ess): ess):	Surface Soil Cracks (I Drainage Patterns (B Dry-Season Water Ta Crayfish Burrows (CE Saturation Visible on Stunted or Stressed Geomorphic Position FAC-Neutral Test (D5	86) (10) (ble (C2) (3) Aerial Imagery (C9) Plants (D1) (D2)

Photo of Sample Plot





Project/Site: Parcels 409 & 413	City/County	r: Mt. Pleas	_		pling Date: 201		
Applicant/Owner: Foxconn		State:		Sampling Point:	SP-07		
nvestigator(s): Ron Londre			ship, Range: S32-T031				
Jandform (hillslope, terrace, etc.): Flat plain Flat plain 42.67266		-87.91868	ave, convex, none):		n: WGS84		
Soil Map Unit Name: Varna silt loam, 2 to 6 percent slopes		Long	-07.51000	w	VI classification:		
Are climatic/hydrologic conditions on the site typical for this tim	e of year?	Yes N	lo ✓ (If no	, explain in Remarks.)		TTOTIC	
Are Vegetation, Soil, or Hydrology signifi	-			rmal Circumstances"		Yes 🟒 N	No
Are Vegetation, Soil, or Hydrology natur	ally problem	atic?	(If need	ed, explain any answe	ers in Remarks.)		
SUMMARY OF FINDINGS – Attach site map showin	g samplir	ng point lo	cations, t	ransects, import	ant features	etc.	
Hydrophytic Vegetation Present? Yes No			-	•			
Hydric Soil Present? Yes <u>✓</u> No		j					
Wetland Hydrology Present? Yes No	✓	Is the Sar	mpled Area	within a Wetland?		Yes	No / _
RReemmaarrkkss::							
Based on the absence of two of three parameters, this area is a	ın upland.						
/EGETATION Use scientific names of plants.							
<u>Tree Stratum</u> (Plot size: <u>30' r)</u>		e Dominant		Dominance Test wo	rksheet:		
4	% Cover	Species?	Status	Number of Domina	nt Species That	1	(A)
1.				Are OBL, FACW, or F	AC:		(A)
2.				Total Number of Do	minant Species	4	(D)
3				Across All Strata:		4	(B)
4				Percent of Dominar	nt Species That	25	(A (D)
5				Are OBL, FACW, or FAC:			(A/B)
Capling/Chaula Startum (Diet size: 451 a)	0 = Total Cover			Prevalence Index worksheet:			<u> </u>
Sapling/Shrub Stratum (Plot size: 15' r) 1.				Total % Cover of: Multiply By:			<u>Ву:</u>
2.				OBL species	0	x 1 =	0
3.				·		-	
4.				FACW species		x 2 =	0
5.				FAC species	33	x 3 =	99
	0	= Total Cov	er	FACU species	95	x 4 =	380
Herb Stratum (Plot size: 5' r)						_	1.60
1. Trifolium hybridum	40	Yes	FACU	UPL species	32	x 5 =	160
2. Daucus carota	27	Yes	UPL	Column Totals	160	(A)	639 (B)
3. Poa pratensis	20	Yes	FAC	Prevalenc	e Index = B/A =	4	
4. Symphyotrichum pilosum	20	Yes	FACU	-			·
			FACU	Hydrophytic Vegeta	tion Indicators:		
		No No		1- Rapid Test f	or Hydrophytic \	/egetation	
6. Taraxacum officinale	15	No No	FACU	_			
7. Rumex crispus		No	FAC	2 - Dominance Test is > 50%			
8. Ambrosia trifida	5	No	FAC	3 - Prevalence	Index is $\leq 3.0^{\circ}$		
9. Convolvulus arvensis	5	No	UPL	4 - Morphological Adaptations¹ (Provide supportin			supporting
10. Circaea canadensis	5	No	FACU	data in Remarks or on a separate sheet)			
	160	= Total Cov	er	Problematic H	ydrophytic Vege	tation¹ (Ex	plain)
					, , ,		
Woody Vine Stratum (Plot size: 30' r)				¹ Indicators of hydric present, unless dist		, .	gy must be
1.				Hydrophytic Vegetation Present? Yes No ✓			
		= Total Cov			· · · · · · · · · · · · · · · · · · ·		o ./

SOIL Sampling Point: <u>SP-07</u>

(inches) C	Matrix		F	edox Feature	es					
0 - 6	Color (moist)	%	Color (moist	:) %	Type ¹	Loc2		Texture	Remarks	
	10YR 3/2	100						Clay Loam		
6 - 10	10YR 3/1	98	7.5YR 5/6	2	С	М		Clay Loam	Redox concretions	
10 - 24	10YR 5/3	88	10YR 5/6	10	С	М		Clay		
10 - 24			10YR 5/2	2	D	М				
¹ Type: C = Con	centration, D = D	epletion, RN	M = Reduced M	latrix, MS = N	lasked Sa	nd Grains.	² Location: Pl	= Pore Lining, M = Matrix.		
Hydric Soil Ind	icators:					Ind	dicators for F	Problematic Hydric Soils3:		
Histosol (-	leyed Matrix	(S4)			irie Redox (A16)		
	ipedon (A2)									
Black His				Matrix (S6)		Iron-Manganese Masses (F12)				
	n Sulfide (A4)		-	Aucky Minera			Very Shal	low Dark Surface (TF12)		
	Layers (A5)		-	Sleyed Matrix	(F2)		Other (Ex	plain in Remarks)		
2 cm Mu		(411)		d Matrix (F3)	FC)	³In	dicators of h	nydrophytic vegetation and w	etland hydrology must be	
	Below Dark Surf	ace (ATT)		ark Surface (pre	esent, unless	s disturbed or problematic.		
	rk Surface (A12) ucky Mineral (S1)		•	d Dark Surfac						
		C2)	Redox L	epressions (I	-0)					
	cky Peat or Peat (: rer (if observed):	33)				<u> </u>				
Type:	-		None							
			None			Hydric Soi	l Present?		Yes No	
Бери	n (inches):									
Primary Indica Surface V High Wat Saturatio Water Ma	ology Indicators: htors (minimum of Water (A1) her Table (A2) on (A3)	f one is req		I that apply) Water-Staine Aquatic Faur True Aquatic Hydrogen Su Oxidized Rhi Presence of	ia (B13) Plants (B ilfide Odo zosphere	14) r (C1) s on Living	Roots (C3)	Secondary Indicators (mini Surface Soil Cracks (B Drainage Patterns (B1 Dry-Season Water Tal Crayfish Burrows (C8) Saturation Visible on	0) ble (C2) Aerial Imagery (C9)	
	t or Crust (B4)			Recent Iron I			oile (C6)	Geomorphic Position		
Iron Dep				Thin Muck Su)II3 (CO)	FAC-Neutral Test (D5)	(52)	
	on Visible on Aeri	al Imagery (Gauge or We	•	•		,		
	Vegetated Conca			Other (Expla						
	ions							<u> </u>		
		Va	a Na	_	anth (in ah) .				
Field Observat	Present?		s No		epth (inch					
Field Observat Surface Water	_		s No	_ D	epth (inch		t? Yes No _ <u>•</u>			
Field Observat	resent?	16:								
Field Observat Surface Water		Te:		D	epth (inch	ies):		_		
Field Observat Surface Water Water Table Pr	esent?	Ye:	s No	D 	epth (inch	ies):		_		
Field Observat Surface Water Water Table Pr Saturation Pre (includes capill Describe Reco	esent?	Ye: n gauge, m	onitoring well,	aerial photos	, previou	s inspection	ns), if availab	- le:		
Field Observat Surface Water Water Table Pr Saturation Pre (includes capill Describe Reco	sent? lary fringe) rded Data (strear	Ye: n gauge, m	onitoring well,	aerial photos	, previou	s inspection	ns), if availab	- le:		

Photo of Sample Plot







North

Project/Site: Parcels 409 & 413	ERMINATIO City/County:			Sami	pling Date: 201	8-07-27			
Applicant/Owner: Foxconn			State:		ampling Point:				
nvestigator(s): Ron Londre		Sec	 tion, Towns	ship, Range: S32-T03N	I-R22E				
andform (hillslope, terrace, etc.): Shallow depression		Local	relief (cond	ave, convex, none):	Concave				
Slope (%): 0-1 Lat: 42.67266		Long:	-87.91875		Datum	: WGS84			
oil Map Unit Name: Varna silt loam, 2 to 6 percent slopes				WW	/l classification:	None			
re climatic/hydrologic conditions on the site typical for this ti	-			, explain in Remarks.)					
are Vegetation, Soil, or Hydrology sign				rmal Circumstances" p		Yes N	10		
Are Vegetation, Soil, or Hydrology nat	urally problema	atic?	(If need	ed, explain any answe	rs in Remarks.)				
SUMMARY OF FINDINGS – Attach site map show	ing sampling	g point lo	cations, t	ransects, importa	ant features,	etc.			
Hydrophytic Vegetation Present? Yes <u>✓</u> N	lo]							
Hydric Soil Present? Yes <u>✓</u> N									
Wetland Hydrology Present? Yes ✓ N	etland Hydrology Present? Yes No						Yes <u>√</u> No		
Remarks:									
Based on the presence of all three parameters, this area is a	wetland. Sampl	e point loca	ted in crop	slide review Area B. Fi	eldwork was				
conducted during the dry season and primary indicators of w	etland hydrolo	gy are not o	bservable.	Wetland ID: W-2					
VECETATION III and a significant section of all and a									
/EGETATION Use scientific names of plants.									
<u>Tree Stratum</u> (Plot size: <u>30' r)</u>		Dominant Species?	Indicator Status	Dominance Test wor	ksheet:				
1. Acer saccharinum	40	Yes	FACW	Number of Dominar	•	4	(A)		
2.				Are OBL, FACW, or FA	AC:				
		 -		Total Number of Dor	minant Species	5	(B)		
				Across All Strata:					
4				Percent of Dominan	t Species That	80	(A/B)		
5				Are OBL, FACW, or FAC:			(AVD)		
	40	= Total Cov	er	Prevalence Index wo	rksheet:				
Sapling/Shrub Stratum (Plot size: <u>15' r</u>)									
1. Rhamnus cathartica	15	Yes	FAC	<u>Total % Cov</u>	er ot:	<u>Multiply E</u>	<u>sy:</u>		
2. Acer saccharinum	5	Yes	FACW	OBL species	0	x 1 =	0		
3. Cornus amomum	3	No	FACW	FACW species	48	x 2 =	96		
4				TACW species					
5				FAC species	60	x 3 =	180		
	23	= Total Cov	er	FACU species	59	x 4 =	236		
Herb Stratum (Plot size: 5' r)					10	_	F0		
1. Poa compressa	40	Yes	FACU	UPL species	10	x 5 =	50		
2. Poa pratensis	40	Yes	FAC	Column Totals	177	(A)	562 (B)		
3. Symphyotrichum pilosum	10	No No	FACU	Prevalence	Index = B/A =	3.2			
4. Daucus carota	10	No	UPL						
5. Ambrosia trifida		No	FAC	Hydrophytic Vegetat	ion Indicators:				
				1- Rapid Test for Hydrophytic Vegetation 2 - J - Dominance Test is >50%					
6. Arctium minus 7. Circaea canadensis		No No	FACU						
	3	No No	FACU						
8. Taraxacum officinale	3	No	FACU	3 - Prevalence	Index is $\leq 3.0^{1}$				
9				4 - Morphologi	cal Adaptations	¹ (Provide s	supporting		
10				data in Remarks or o	on a separate sh	neet)			
	114	= Total Cov	er	Problematic Hy	drophytic Vege	tation¹ (Fxi	olain)		
Woody Vine Stratum (Plot size: <u>30' r</u>)					. , .		•		
1				¹Indicators of hydric		, .	y must be		
2.				present, unless distu	irbea or proble	matic			
				1			_		
	0	= Total Cov	er	Hydrophytic Vegetat	ion Present?	res 📝 N	o		

SOIL Sampling Point: <u>SP-08</u>

Depth	Matrix		Redox	Feature			the absence o		
(inches)	Color (moist)	%	Color (moist)	%	Type ¹	Loc2	•	Texture	Remarks
0 - 6	10YR 3/1	95	7.5YR 5/6	5	C	М		andy Clay Loam	
6 - 8	10YR 3/1	85	7.5YR 5/6	10	С	М		Sandy Clay	
6 - 8			2.5YR 5/2	5	D	М			
8 - 20	10YR 5/3	90	10YR 5/6	5	С	М		Clay	
8 - 20			10YR 5/2	5	D	М			
Type: C =	Concentration, D = De	epletion, RI	M = Reduced Matrix,	MS = Ma	asked Sar	nd Grain	s. ² Location: Pl	= Pore Lining, M = Matrix.	
Hydric Soil	Indicators:						Indicators for	Problematic Hydric Soils ³ :	
	sol (A1)		Sandy Gleyed		(S4)		Coast Pr	airie Redox (A16)	
	Histic Epipedon (A2) Sandy Redox (S5) Dark Surface				face (S7)				
	Histic (A3)		Stripped Mat				Iron-Mar	nganese Masses (F12)	
-	ogen Sulfide (A4)		Loamy Mucky				Very Sha	llow Dark Surface (TF12)	
	ified Layers (A5)		Loamy Gleye		(F2)		Other (E	kplain in Remarks)	
	Muck (A10)		Depleted Mat				3Indicators of	hydrophytic vegetation and	wetland hydrology must be
	eted Below Dark Surfa	ace (A11)	Redox Dark S	•	•		present, unles	s disturbed or problematic.	
	Dark Surface (A12)		Depleted Dar						
	y Mucky Mineral (S1)	-21	Redox Depre	ssions (F	8)				
	Mucky Peat or Peat (S	53)				l			
	Layer (if observed):	_							
-	/pe:		ompact clay	_		Hydric	Soil Present?		Yes No
D	epth (inches):		8	-					
	on for hydric soil is m	et.							
HYDROLO Wetland H Primary In Surfa High Satur Wate Sedir Drift Algal	ydrology Indicators: dicators (minimum of ice Water (A1) Water Table (A2) ration (A3) r Marks (B1) ment Deposits (B2) Deposits (B3) Mat or Crust (B4) Deposits (B5)	one is req	Wate Aqua True / Oxidi Prese Recer Thin l	r-Stained tic Fauna Aquatic F ogen Sul zed Rhiz nce of R nt Iron R	Plants (B1 fide Odor ospheres educed Ir	4) (C1) on Livir on (C4) in Tilled	ng Roots (C3) Soils (C6)	Secondary Indicators (mini Surface Soil Cracks (B Drainage Patterns (B1 Dry-Season Water Tal Crayfish Burrows (C8) Saturation Visible on Stunted or Stressed P Geomorphic Position FAC-Neutral Test (D5)	6) 0) ole (C2) Aerial Imagery (C9) llants (D1) (D2)
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Photo of Sample Plot







North

Appendix F: Professional Opinion on Wetland Susceptibility

Table 4: Opinion of Susceptibility for NR 151 Setback Purposes

Note: Final authority on NR 151 protective areas rests with WDNR, but the following is TRC's opinion of each wetland's NR 151 protective area category.

Motlered #	<u>Least</u>	<u>Moderately</u>	<u>Highly</u>
Wetland #	<u>Susceptible</u>	<u>Susceptible</u>	<u>Susceptible</u>
W-1	x		
W-2	X ¹		

Definitions of Susceptibility Per WDNR Administrative Code:

<u>Least Susceptible</u>: Degraded wetlands dominated by invasive species (≥ 90%) such as reed canary grass. Protective area = 10% of avg wetland width, but no less than 10' or more than 30'.

<u>Moderately Susceptible</u>: Fens, sedge meadows, bogs, low prairies, conifer swamps, shrub swamps, other forested wetlands, fresh wet meadows, shallow marshes, deep marshes and seasonally flooded basins. Protective area = 50'.

<u>Highly Susceptible:</u> Outstanding/exceptional resource waters, wetlands in areas of special natural resource interest as specificed in s. NR 103.04. Protective area = 75'.

¹ W-1 is a wetland located in a roadside ditch, which is intended to convey stormwater. Consultation with WDNR Stormwater Program staff is recommended to evaluate wether setback requirements apply.