



McHenry County
Zoning Board of Appeals - Zoning Hearing
AGENDA

May 6, 2026, 1:30 PM
County Board Conference Room
Administration Building, 667 Ware Rd., Woodstock, IL 60098

Pages

1. CALL TO ORDER
2. ROLL CALL
3. NEW BUSINESS / PUBLIC HEARING
 - 3.1 Z25-0097 Korver Solar LLC, A1-A1C, Nunda Twp 2
4. OLD BUSINESS
5. PUBLIC COMMENT
Topics unrelated to public hearing - 3-minute time limit per speaker
6. ANNOUNCEMENTS
7. ADJOURNMENT

Staff Report for the McHenry County Zoning Board of Appeals

Application: #Z25-0097

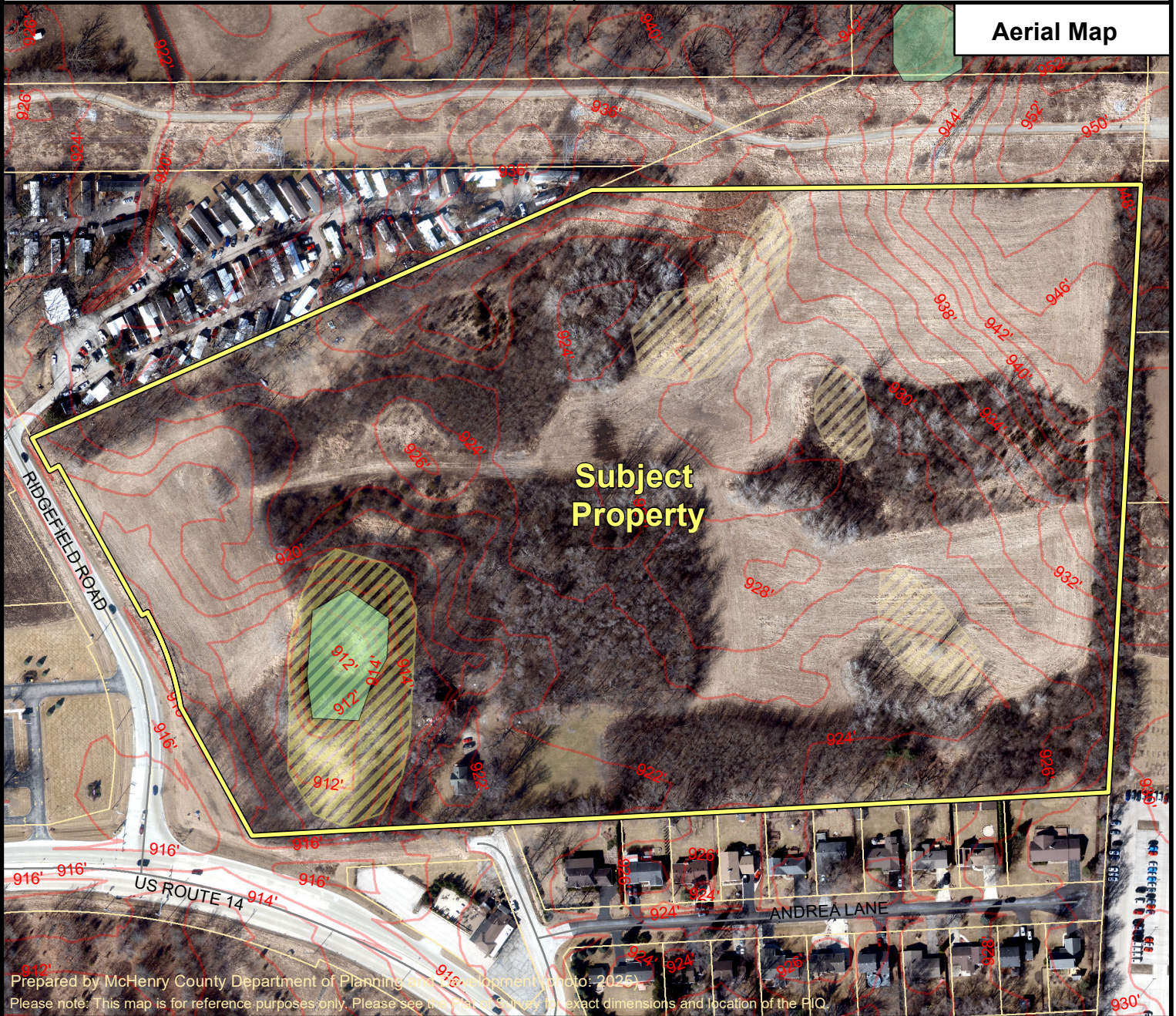
PINs: 14-31-126-003

Location: The property consists of roughly 37.3 acres and is located on the east side of Ridgefield Road, at its intersection with US Route 14 in Nunda Township, Illinois. Common address: 7716 US Route 14, Crystal Lake, Illinois.

Hearing: April 1, 2026

Applicant: Korver Solar, LLC

Request: Conditional Use Permit to allow for a Commercial Solar Energy Facility



Elevation

(feet above sea level)

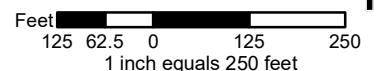
Contours



ADID Wetland Map 2005

- High Functional Value Wetland (hfw)
- High Quality Wetland (hqw)
- Wetland (w)
- Farmed Wetland (fw)

Historic Flood Zone



Staff Report for the McHenry County Zoning Board of Appeals

STAFF COMMENTS

The following comments and conclusions are based upon staff analysis and review prior to this hearing and are to be considered viable unless evidence is established to the contrary. Staff may have additional comments based upon the testimony presented during the public hearing.

BACKGROUND & REQUEST SUMMARY

The applicant is requesting a Conditional Use Permit to allow for a Commercial Solar Energy Facility. The subject property consists of approximately thirty-seven (37) acres, of which approximately twenty-four (24) acres is to be utilized for the solar facility, and is zoned A-1 Agriculture District. According to the Plat of Survey, the property contains a single-story brick residence with driveway access off of Andrea Lane to the south. Aerial photography indicates a portion of the property is in crop cultivation and also contains wooded areas.

According to the narrative, the applicant is proposing a 4.0-megawatt commercial solar energy facility, enclosed by a seven (7)-foot tall security fence, per the regulations of the National Electric Code. The nearest adjacent residence on a nonparticipating parcel is over one-hundred fifty (150) feet from the proposed location of the solar array.

Note: On January 27, 2023, the State of Illinois passed Public Act 102-1123 (further modified under trailer bill P.A. 103-0580 on December 8, 2023), which modifies regulations for proposed commercial solar energy facilities. The County of McHenry has amended the Unified Development Ordinance, as of April 18, 2023, in order to comply with the State's regulations.

MCHENRY COUNTY UNIFIED DEVELOPMENT ORDINANCE

- The applicant must meet the Principal Use Standards for a Solar Farm, listed in County Code Section 16.56.030.PP of the UDO (*with the exception of any changes provided by Public Act 102-1123, as outlined above*).

STAFF ANALYSIS

Current Land Use & Zoning

The property is adjacent to commercial (mobile home park) and transportation/communication/utilities uses to the north, commercial and single-family residential uses to the south, agricultural and commercial uses to the east, and agricultural and office uses to the west. The surrounding zoning consists of B-2 Business and City of Crystal Lake to the north, B-2V and B-1V Business and R-1 Single-Family Residential to the south, City of Crystal Lake to the east, and B-1 Business and City of Crystal Lake to the west.

2030 Comprehensive Plan Future Land Use Map

The proposed conditional use permit is not consistent with the County's future land use designation of Residential/Retail.

2030 Comprehensive Plan & 2030 and Beyond Analysis

The 2030 Comprehensive Plan and 2030 and Beyond Update support the construction of commercial solar energy facilities within existing agricultural areas. (*See analysis below*)

McHenry County 2030 and Beyond, Adopted October 18, 2016

Big Idea #1 Let's make our communities healthy, active, and green

"We can make it happen by preserving our groundwater aquifers, lakes, rivers, streams, and their natural functions." (p.11)

- The McHenry County Water Resources Division has determined that the panels will not be calculated as an impervious surface for the development permit. This is because the panels are proposed to be elevated above the ground several feet and supported by driven piles. The petitioner will be required to obtain a Stormwater Management Permit which will include calculations for all impervious areas, including but not limited to the piles, access drives, and equipment pads.

Big Idea #2 Let's build on our strengths

"We can make it happen by recognizing the economic and social importance of our agricultural industry." (p. 15)

- The McHenry County Soil and Water Conservation District's Natural Resources Inventory report (#25-088-4749) indicates that the LE score is 82 out of a possible 100 regarding soils for crop production. This is due, in part, to approximately 66.1 percent of the parcel being designated as prime farmlands. The concerns that the development of solar facilities in the county will result in the loss of farmland, particularly prime farmland can be remediated because, unlike other forms of development, the land is preserved for future farming. Also, the proposed native vegetation may slow the velocity of runoff, capturing sediments or other pollutants and allowing water to infiltrate into the soil, thereby reducing potential for erosion and sedimentation and improving soil conditions.

Big Idea #3 Let's grow smarter

"The county should also be open to commercial enterprises in the unincorporated areas that are major generators of jobs or tax revenues for which no suitable municipal sites exist elsewhere in the county, or that are dependent upon a direct proximity to agriculture or open space and designed in harmony with these areas." (p. 17 & 21)

- Due to the size and scale of the project, undeveloped acreage is important to the siting and development of a commercial solar energy facility. The applicant should be prepared to address how the proposed use relates to the statement above regarding generation of jobs, tax revenues, and siting of the facility.

Big Idea #4 Let's expand our economy

"We can make it happen by improving infrastructure, including freight and commuter rail, access to major regional and interstate roadways, and access to high-speed internet services." (p.22)

- The proposed commercial solar energy facility will provide a renewable energy source to the electrical grid as an alternative to energy created from sources with a larger carbon footprint.

McHenry County 2030 Comprehensive Plan, Adopted April 20, 2010

Community Character & Housing

No applicable text.

Agricultural Resources

"Encourage owners of parcels with the greatest potential for productive agricultural use, such as parcels with an LE score of 80 or above that are in agricultural use and contiguous with other such parcels, to preserve their parcels for agricultural uses." (p. 38, #7)

- Commercial solar energy facilities typically have a life of approximately thirty (30) to forty (40) years and after that time the property may return to agriculture.

"Continue joint participation with the USDA Natural Resources Conservation Service and McHenry County Soil and Water Conservation District in educational programs regarding best soil conservation practices and improving rural water quality." (p. 38, #20)

- The McHenry-Lake County Soil and Water Conservation District recommends that areas between panels be planted to a native prairie mix to help increase water infiltration and reduce runoff from the site. It is recommended that a planting and maintenance plan be developed with the landowner to ensure that noxious weeds are controlled, and native plantings are properly installed and managed. The petitioner is encouraged to add pollinator species to this planting plan. The Soil and Water Conservation District also recommends, upon decommissioning, that if any underground lines are to remain, they should have at least five (5) feet of cover to adequately allow farming operations to commence after the facility's removal.

Greenways, Open Space & Natural Resources

"Protect environmentally sensitive areas from negative impacts of adjacent land uses." (p.57, #9)

- The IDNR found record of potential protected resources in the vicinity of the project location – Blanding's Turtle and Lake in the Hills Fen Class III Groundwater Site - but concluded that adverse effects were unlikely, as long as the applicants adopted their recommendations as outlined in their September 10, 2025, letter. The endangered species consultation was closed.

"Encourage the design of developments to achieve the broader sustainability of human and natural communities, including the social and economic dimensions of sustainability." (p. 57, #15)

- The proposed commercial solar energy facility will contribute to a broader sustainability objective in that it will produce clean energy as a replacement for energy produced by unsustainable means.

Water Resources

"Preserve and enhance the chemical, physical, biological, hydrologic integrity of streams, lakes and wetlands." (p.63)
"...land use and development should be carefully examined and regulated within sensitive groundwater recharge areas to ensure that the water quality, quantity, and natural recharge functions of the area are safely maintained." (p.67)

- The applicant will be required to obtain a Stormwater Management Permit prior to construction.

Economic Development

"Decrease the degree to which the residential sector in the County must pay for services." (p.87)

- The state legislature has approved standards that would regulate how commercial solar energy facilities are assessed for tax purposes. The standards would result in an increase from the current assessed value of agricultural land.

Infrastructure

"It is estimated that every 120 MW of solar power would eliminate 1.7 million tons of carbon dioxide emissions which is the equivalent of removing 310,000 vehicles from the nation's roadways annually. A 1,000 MW coal plant produces approximately 6 million tons of carbon dioxide per year." (p.116)

"Encourage all governmental units in the County to adopt and support ordinances that will enhance all segments of the areas electric grid." (p. 120, #5)

- The proposed commercial solar energy facility is consistent with the *Comprehensive Plan* support of more sustainable energy sources.

STAFF ASSESSMENT

The 2030 Comprehensive Plan and the 2030 and Beyond Update both support the development of commercial solar energy facilities. Once the facility is constructed, there is very little to no traffic generated by the use. There is very minimal risk of noise, lighting, or other nuisances generated by this use. The proposed use is compatible with adjacent uses. As noted within Public Act 102-1123, a request for a Conditional Use Permit for a commercial solar energy facility shall be approved if the request is in compliance with the standards and conditions imposed within the Act, the zoning ordinance adopted consistent with this Code, and the conditions imposed under State and Federal statutes and regulations. A County may not adopt zoning regulations that disallow commercial solar energy facilities from being developed or operated in any district zoned to allow agricultural or industrial uses. All construction will be required to meet applicable codes and ordinances for: fire protection, commercial building and electrical construction, and stormwater management.

Staff offers the following conditions for consideration:

1. The Conditional Use shall have no time limit, unless the use is abandoned as specified in 16.56.030.PP.4 of the McHenry County Unified Development Ordinance.
 2. Site development shall be in substantial conformance with the site plan prepared by Kimley-Horn, dated November 20, 2025, and received by the Department of Planning and Development on February 18, 2026.
 3. The *Decommissioning Plan* shall be applicable in part as well as in whole. If any portion of the commercial solar energy facility ceases to perform its intended function for more than twelve (12) consecutive months, that portion of the facility shall be decommissioned in compliance with all the terms of the *Decommissioning Plan*.
 4. A McHenry County Stormwater Management Permit shall be secured prior to construction. Any damaged drainage tiles shall be repaired at the expense of the Petitioner and in a manner satisfactory to the Water Resources Division Manager.
 5. A detailed Landscape Plan illustrating compliance with required landscape screening standards and Illinois Department of Natural Resources Pollinator Scorecard Standards and land management practices shall be approved by the Zoning Enforcement Officer prior to issuance of a construction/building permit.
 6. Recommendations made by the Illinois Department of Natural Resources in their September 10, 2025, letter to the applicants shall be followed.
 7. Fencing shall be provided in compliance with the National Electrical Code (NEC), as applicable, and shall be of a woven wire agricultural style, containing a 6-inch gap along the bottom to prevent the restriction of wildlife movement. Fence bonding and grounding shall be in compliance with NEC 250.194 and NEC 691.11. The use of barbed wire is prohibited. Setting fence posts in concrete is prohibited except for gate posts and where otherwise required for stability.
 8. All requirements of McHenry County Unified Development Ordinance §16.56.030.PP (as amended, subject to State of Illinois Public Act 102-1123 and Public Act 103-0580) shall be met or exceeded unless specifically amended by this Conditional Use Permit.
 9. All other federal, state, and local laws shall be met.
-

16.56.030 Principal Use Standards

PP. **COMMERCIAL SOLAR ENERGY FACILITY.** Conditional use permits for a COMMERCIAL SOLAR ENERGY FACILITY shall have no time limit, unless the use is abandoned as specified in subsection PP.4. below (COMMERCIAL SOLAR ENERGY FACILITY: Abandonment), or the permit is revoked in accordance with § 16.20.040I. (Revocation of Conditional Use Permits).

1. Application.

- a. A threatened and endangered species consultation (EcoCAT) from the Illinois Department of Natural Resources is required at the time of conditional use permit application for any site that is five (5) acres or greater in size and currently in agricultural use or undeveloped.
- b. A site plan shall be provided showing all improvements, including structures, fencing, power lines (above and below ground), lighting, and landscaping, at a detail sufficient to understand the location, height, appearance, and area.
- c. All other application submittal requirements outlined in the *Planning and Development Department Zoning Application Packet* as published on the McHenry County Website.

2. Site design.

- a. Solar panels, structures, and electrical equipment, excluding fences and power lines for interconnection, shall be erected no less than fifty (50) feet from any lot line and no less than one hundred fifty (150) feet from any residence, other than a residence on the same ownership parcel.
- b. No structures, excluding power lines for interconnection, may exceed twenty (20) feet in height. Power lines shall be placed underground to the maximum extent possible.
- c. Lighting must comply with § 16.60.020 (Exterior Lighting).
- d. Solar panels shall have a surface that minimizes glare and shall comply with § 16.60.040D. (Lighting and Glare).
- e. The facility shall be situated as to minimize impacts to woodlands, savannas, wetlands, drainage tiles, and encroachment into flood plains. All site development shall comply with the Stormwater Management Ordinance. Any damaged drainage tiles shall be repaired.
- f. In order prevent erosion, manage run-off, and provide ecological benefit, the facility shall be planted with "low-profile" native prairie species, using a mix appropriate for the region and soil conditions per Illinois Department of Natural Resources (IDNR) standards, as amended from time to time.
- g. Fencing shall be provided in compliance with the National Electrical Code, as applicable. The use of barbed wire must comply with § 16.56.050H.1.c. of this Ordinance.
- h. Any part of the facility that is within five hundred (500) feet of a NONPARTICIPATING RESIDENCE, or road right-of-way, shall be landscaped with an arrangement of native shrubs, subject to approval by the County Board, unless the facility is screened from view by existing vegetation.
- i. Prior to building permit issuance, the operator shall prepare a landscape monitoring and maintenance plan to ensure the establishment and continued maintenance of the native prairie species, all installed landscape screening, and all existing vegetation that provides required landscape screening.
- j. Prior to scheduled public hearing, the operator shall enter into an Agricultural Impact Mitigation Agreement with the Illinois Department of Agriculture (IDOA), as required by that department.
- k. Prior to building permit issuance, the operator shall provide an executed road use agreement between the Applicant and the appropriate governing road and highway jurisdictions or the Illinois Department of Transportation (IDOT), showing approved entrances.

3. Safety.

- a. Prior to construction, the operator shall prepare an emergency management plan acceptable to the County and the local fire district and shall be responsible for training of emergency personnel, as needed.
- b. A sign shall be posted providing the name of the operator and a phone number to be used in case of an on-site emergency.
- c. Access shall be granted, provided appropriate advance notice, for periodic inspection of the site by the County or the local fire district.
- d. Damaged solar panels shall be removed, repaired, or replaced within sixty (60) days of the damage. The ground shall remain free of debris from damaged solar panels at all times.

4. Abandonment.

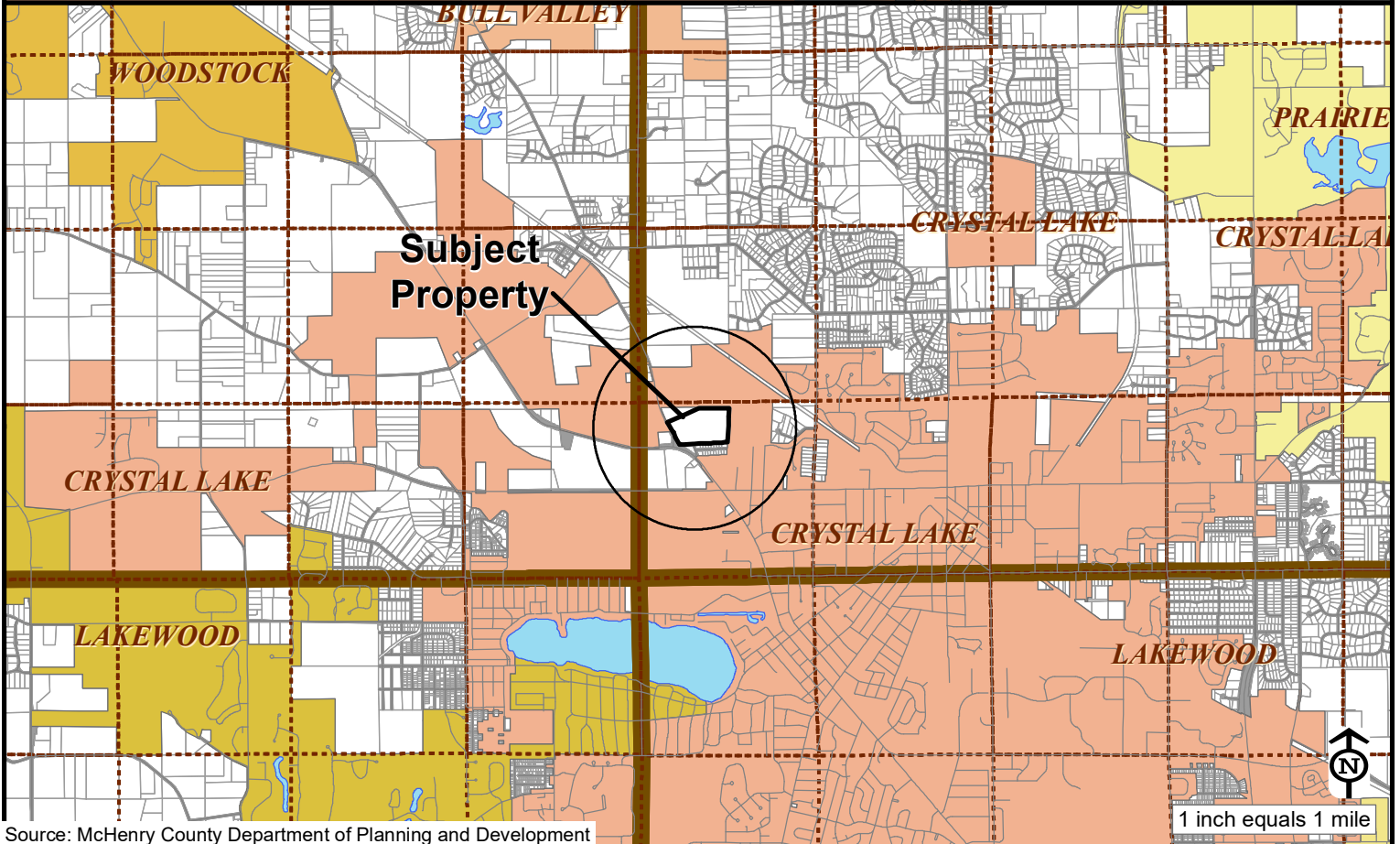
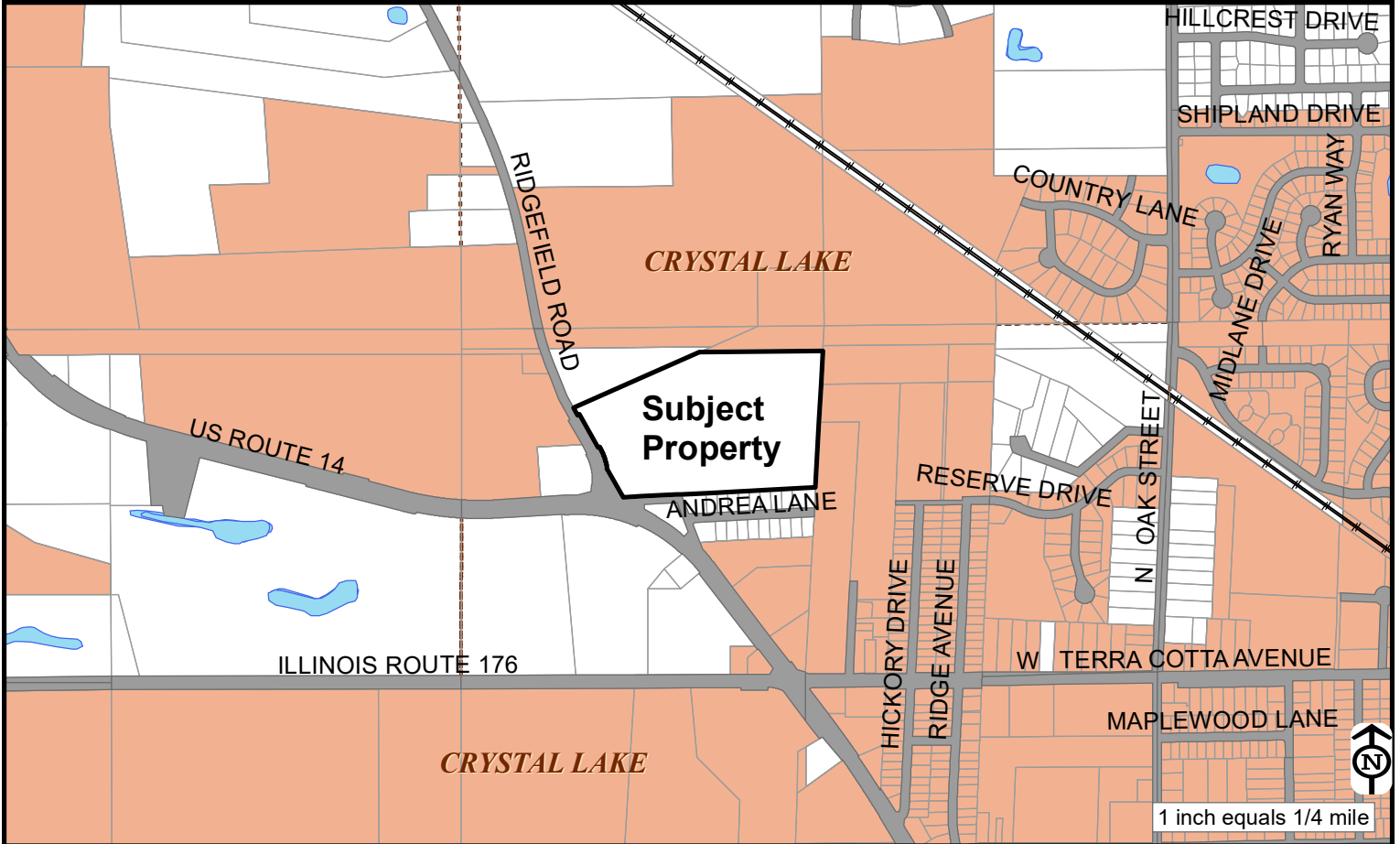
- a. The COMMERCIAL SOLAR ENERGY FACILITY shall be considered abandoned if the operator fails to pay rent as specified in the Agricultural Impact Mitigation Agreement, or it ceases to generate electricity for a period of twelve (12) consecutive months. Reports of electrical power production shall be provided to the County upon request. An abandoned COMMERCIAL SOLAR ENERGY FACILITY must be decommissioned and removed within twelve (12) months from the time it is deemed abandoned. The operator may appeal in writing to the Zoning Enforcement Officer for an extension of time in order to remove the facility or to bring the solar farm back into operation.

5. Decommissioning. Decommissioning and removal of the COMMERCIAL SOLAR ENERGY FACILITY shall be the responsibility of the operator upon abandonment or revocation of the conditional use permit. All operators shall comply with the following:

a. Prior to building permit issuance, the operator shall prepare a decommissioning plan which shows the final site conditions after the COMMERCIAL SOLAR ENERGY FACILITY has been removed from the property. Decommissioning plans shall require removal of all solar panels, electrical equipment, poles, piles, foundations, and conduits (above and below ground). Access roads, fencing, groundcover, and landscaping may remain only by agreement of property owner.

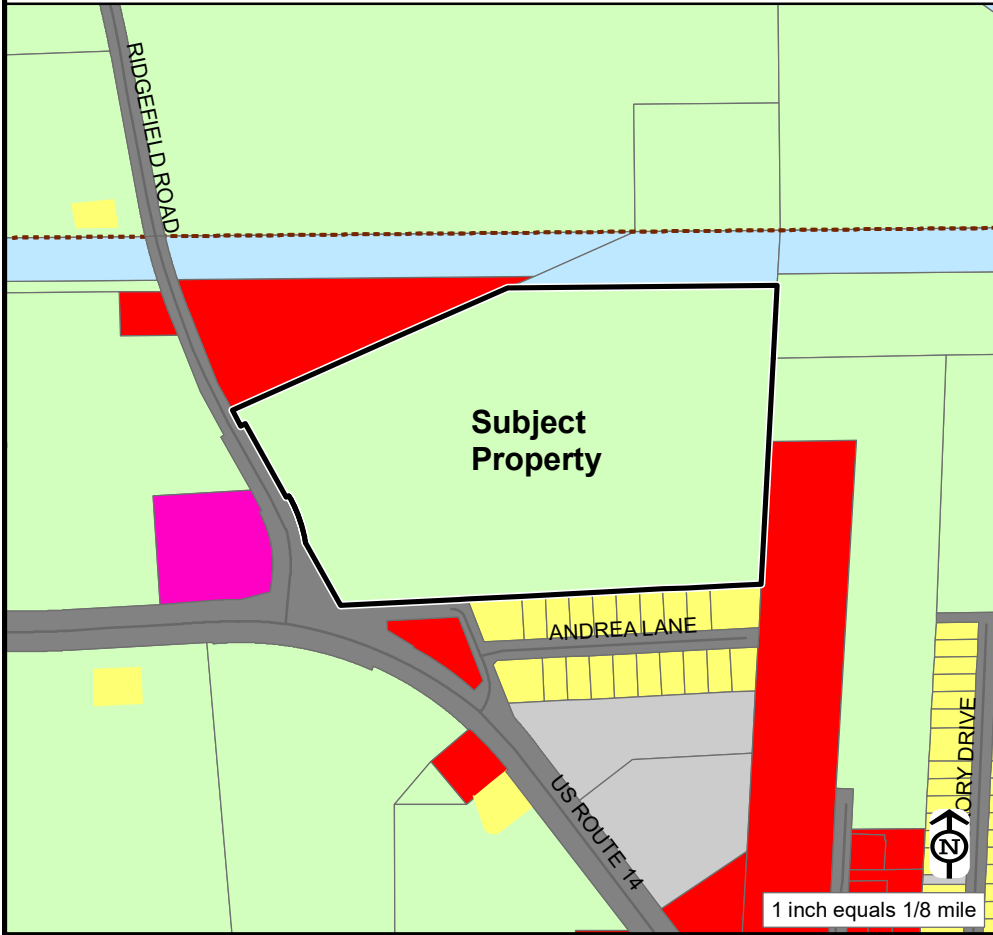
b. Prior to building permit issuance, the operator shall submit an engineer's estimate of cost for decommissioning the facility and restoring the site in accordance with the approved decommissioning plan. Upon review and approval by the Zoning Enforcement Officer of the estimate, the operator shall obtain a bond, letter of credit, or other form of surety acceptable to the County to be held by the Department of Planning and Development in the amount of one hundred percent (100%) of the estimate. Provision of this financial assurance shall be phased in over the first eleven (11) years of the project's operation or as otherwise provided in accordance with the executed Agricultural Impact Mitigation Agreement.

c. During the operation of the facility, a new engineer's estimate of cost for decommissioning shall be submitted every ten (10) years to the Department of Planning and Development. Upon approval of the estimated costs by the Zoning Enforcement Officer, a revised surety shall be provided to the Department of Planning and Development in the amount of one hundred percent (100%) of the new estimate.



Source: McHenry County Department of Planning and Development

Current Land Use Map



Current Land Use

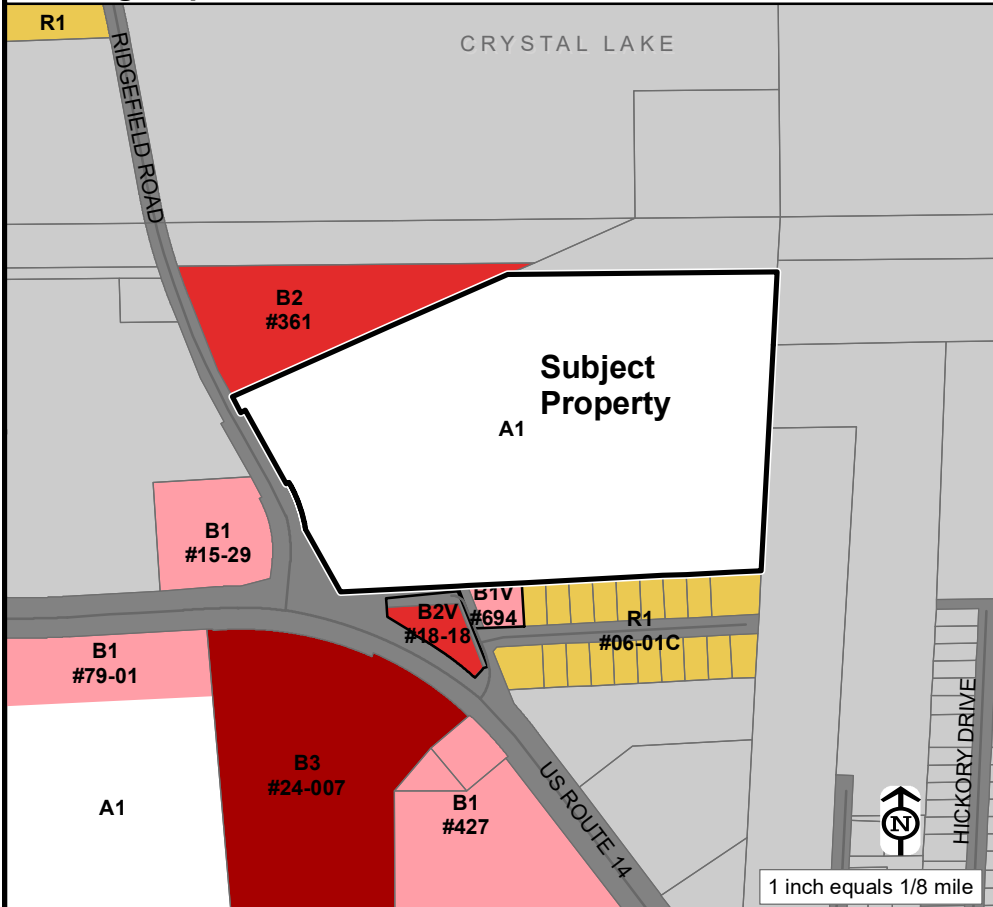
Agriculture

Adjacent Land Use(s)

North: *Commercial/ Transportation, Communication, Utilities*
 South: *Commercial/Single-Family Residential*
 East: *Agriculture/Commercial*
 West: *Agriculture/Office*

- Agriculture
- MCCD Agriculture
- Single-Family Residential
- Multi-Family Residential
- Open Space
- Golf Course
- Commercial
- Office
- Industrial
- Mixed Use
- Earth Extraction
- Vacant
- Government / Institutional
- Transportation, Communication, Utilities
- Under Review

Zoning Map



Current Zoning

A-1 Agriculture

Adjacent Zoning

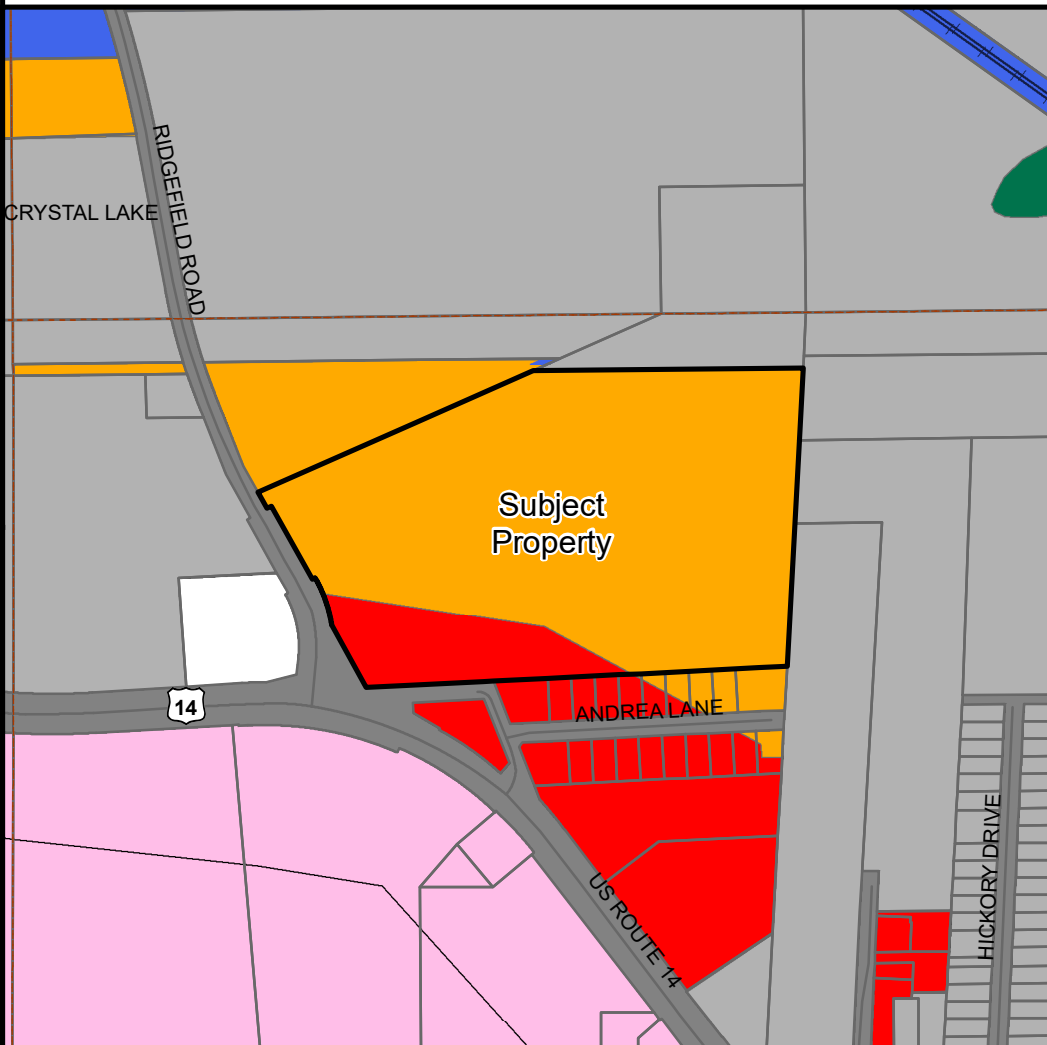
North: *B2 Business/City of Crystal Lake*
 South: *B2V & B1V Business/ R-1 Single-Family Residential*
 East: *City of Crystal Lake*
 West: *B1 Business/City of Crystal Lake*

- A-1 Agriculture
- A-2 Agriculture
- E-5 Estate
- E-3 Estate
- E-2 Estate
- E-1 Estate
- R-1 Single-Family Residential
- R-2 Two-Family Residential
- R-3 Multiple-Family Residential
- B-1 Neighborhood Business
- B-2 Neighborhood Business
- B-3 General Business
- O Office / Research
- I-1 Light Industrial
- I-2 Heavy Industrial
- PD Planned Development
- C Conditional Use
- V Variation
- Incorporated

McHenry County 2030 Comprehensive Plan Future Land Use Map

Future Land Use Map Designation

Residential/Retail



- Agricultural
 - Open Space
 - Environmentally Sensitive Area
 - Estate
 - Isolated Estate
 - Residential
 - Isolated Residential
 - Retail
 - Mixed Use
 - Office, Research, Industrial
 - Gov't, Institutional, Utilities
 - TOD Existing Rail Station
 - TOD Future Rail Station
 - Active Earth Extraction Site
 - Municipality
- Scale: 1 inch = 1/8 mile

Municipal / Township Plan Designations

Nunda Township: Commercial and Office

Lakewood: No Designation

Crystal Lake: Office/Urban Residential

McHenry County 2030 Comprehensive Plan — Text Analysis

Land Use:

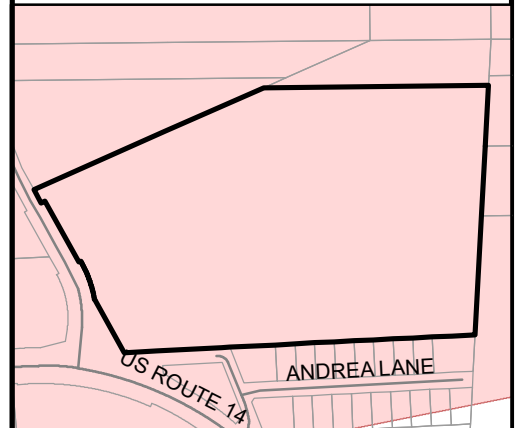
Residential includes existing and proposed areas for single-family and multifamily residential uses at gross densities of less than one acre per dwelling unit.

Retail includes existing and proposed areas intended to accommodate all types of commercial businesses that sell goods and provide services to the public. These areas are generally designated at nodes around major street intersections.

Sensitive Aquifer Recharge Areas

The site is located in a zone with elevated contamination potential.

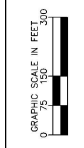
Sensitive Aquifer Recharge Areas (SARA)



- Sensitive Recharge Area

SITE DATA TABLE	
PN #	14-31-10F-003
PROPERTY OWNER	WILLIAM GRUBER
SITE ADDRESS	776 US HWY 14, CRYSTAL LAKE, IL 60022
ZONING JURISDICTION	MOHAWY, IL
CURRENT LAND USE	RESIDENTIAL
PROPOSED USE	SOLAR ENERGY SYSTEM
PROJECT BOUNDARY AREA	240.3 AC
AREA WITHIN FENCE	204.4 AC
PRELIMINARY SOLAR AREA	168.8 AC
PR. TREE CLEARING AREA	128.8 AC
PROPERTY ADJACENT OCCUPIED ZONING	50 FT
SETBACKS	150 FT
DATE	06/10/2025
DRAWN BY	SKS
CHECKED BY	SKS
DATE	06/10/2025

- NOTES**
- THE PURPOSE OF THIS PLAN IS FOR SPECIAL USE PERMIT REVIEW AND APPROVAL BY MOHAWY COUNTY TO CONSTRUCT A SOLAR ENERGY SYSTEM.
 - CONSTRUCT SOLAR ENERGY SYSTEM IN ACCORDANCE WITH MOHAWY COUNTY ZONING ORDINANCE AND LOCAL ORDINANCES.
 - SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON THE FLOOD INSURANCE RATE MAP (FIRM) FOR MOHAWY COUNTY, ILLINOIS. HOWEVER, THE PROPERTY IS LOCATED IN AN AREA OF MODERATE TO HIGH FLOOD RISK AS SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD ZONING MAP FOR MOHAWY COUNTY, ILLINOIS. THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - STORMWATER MANAGEMENT FACILITIES TO BE PROVIDED AS REQUIRED BY COUNTY AND/OR NATIONAL POLLUTANT DISCHARGE ELIMINATION AND CONTROL ACT (NPDES) PERMITS. THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - A SOLI DESIGN AND SOILS CONTROL PLAN THAT MEETS THE CODES STANDARDS WILL BE PROVIDED TO THE COUNTY DURING FINAL ENGINEERING.
 - SETBACKS SHOWN ON THIS PLAN ARE BASED ON MOHAWY COUNTY ZONING ORDINANCE.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 - THE CLIENT HAS OBTAINED A LETTER FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) CONFIRMING THAT THE PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.

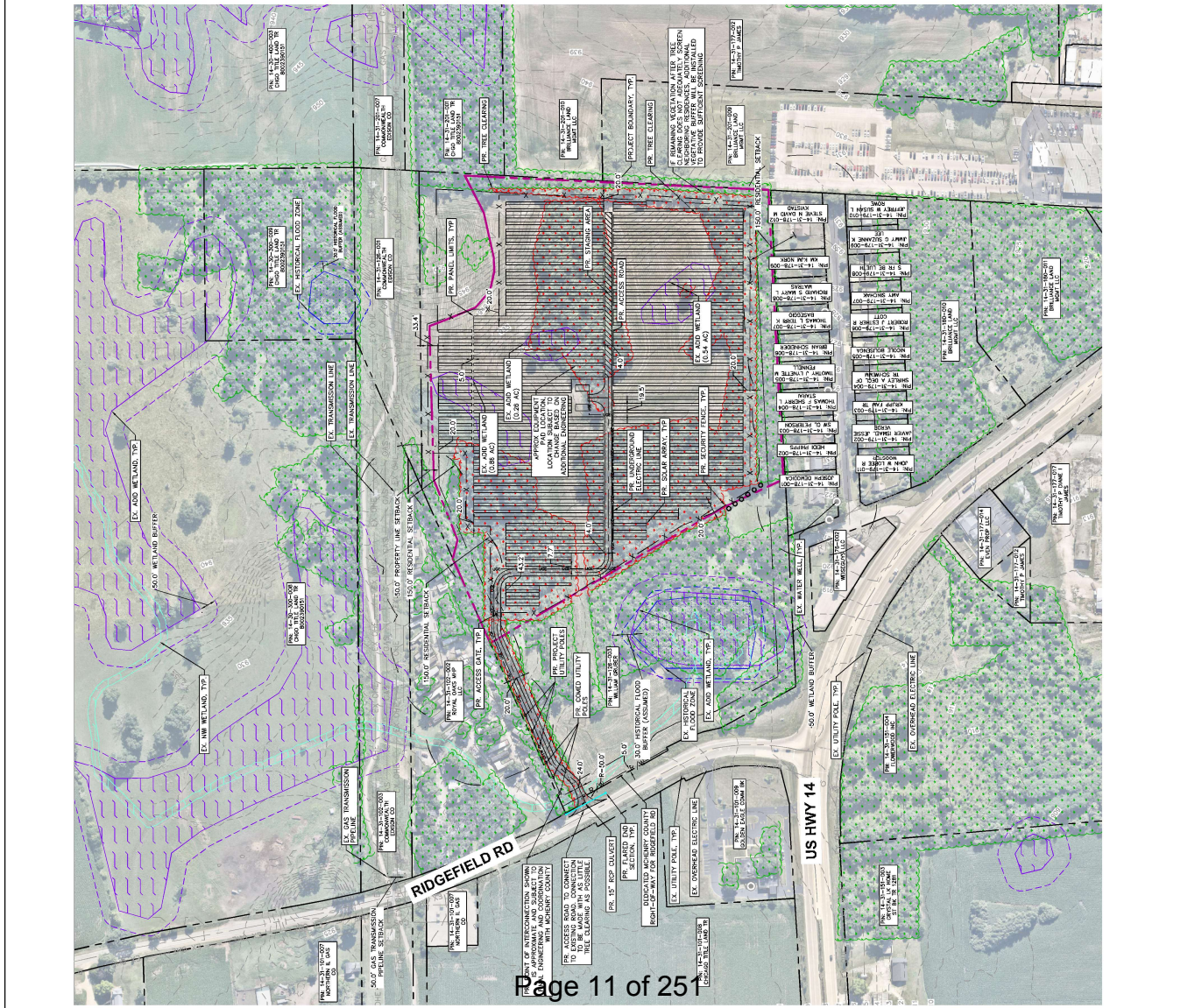


LEGEND

BULL VALLEY RD

PROJECT BOUNDARY
 ROAD CENTERLINE (TRACED PER AERIAL)
 ROAD LABEL

PROPERTY LINE (PER MOHAWY COUNTY ZONING ORDINANCE)
 PROPERTY LINE SETBACK (PER MOHAWY COUNTY ZONING ORDINANCE)
 RECREATIONAL STRUCTURE SETBACK (PER MOHAWY COUNTY ZONING ORDINANCE)
 EX. RESIDENCE/STRUCTURE (TRACED PER AERIAL)
 SEGREGATED ROADSIDE RIGHT-OF-WAY
 EX. OVERHEAD ELECTRIC (TRACED PER AERIAL)
 EX. UTILITY POLE (TRACED PER AERIAL)
 EX. NW WETLAND (DOWNLOADED PER NWI ON 09/09/2025)
 NW WETLAND BUFFER (PER MOHAWY COUNTY STORMWATER ORDINANCE)
 EX. ADD. WETLAND (DOWNLOADED PER MOHAWY COUNTY GIS ON 09/09/2025)
 ADD. WETLAND BUFFER (PER MOHAWY COUNTY STORMWATER ORDINANCE)
 EX. HISTORICAL FLOOD ZONES (TRACED PER MOHAWY COUNTY GIS)
 EX. HISTORICAL FLOOD ZONES BUFFER (ASSUMED)
 EX. GAS TRANSMISSION PIPELINE (PER NATIONAL PIPELINE MAPPING SYSTEM ON 09/09/2025)
 EX. CONTOURS
 EX. GAS TRANSMISSION PIPELINE BUFFER
 EX. FLOW DIRECTION AND SLOPE
 EX. WELLS
 EX. TREE CLEARING
 PR. FENCE
 PR. PANEL LIMITS
 PR. OVERHEAD ELECTRIC
 PR. UNDERGROUND ELECTRIC
 PR. GRAVEL ACCESS ROAD
 PR. UTILITY POLE
 PR. EQUIPMENT PAD
 PR. SOLAR ARRAY
 PR. STAGING AREA
 PR. VEGETATIVE SCREENING
 PR. 15" RSP COLLECT



This document, together with the concepts and designs presented herein, are on a non-warranted basis of service, and are intended only for the specific purpose and client for which they were prepared. Kimley-Horn and Associates, Inc. shall not be held liable for any errors or omissions in this document without written authorization and approval by Kimley-Horn and Associates, Inc.

McHENRY~LAKE COUNTY SOIL & WATER CONSERVATION DISTRICT

NATURAL RESOURCES INFORMATION REPORT

25-088-4749

September 30, 2025



This report has been prepared for:
Korver Solar, LLC

Contact Person:
Paul Bottum

PREPARED BY:
McHENRY-LAKE COUNTY SOIL & WATER CONSERVATION
DISTRICT
1648 S. EASTWOOD DR.
WOODSTOCK, IL 60098
PHONE: (815) 338-0444

www.mchenryswcd.org

The McHenry-Lake County Soil & Water Conservation District
is an equal opportunity provider and employer.

EXECUTIVE SUMMARY OF NRI REPORT #25-088-4749

It is the opinion of the McHenry-Lake County Soil and Water Conservation District Board of Directors that this report as summarized on these pages are pertinent to the requested zoning change.





Picture 1: Looking east from the western property boundary.



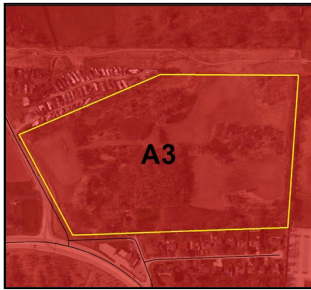
Picture 2: Looking east approximately 1/3 from the western property border.



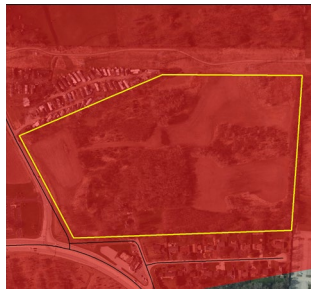
Picture 3: Looking south approximately 1/3 from the western property border.



Picture 4: Looking northeast approximately 1/3 from the western property border.



Aquifer Sensitivity Map (*This is the area beneath the soil profile down to bedrock)
 The Geologic features map indicates that the parcel is comprised of A3 geologic limitations. A3 has a high aquifer contamination potential.



Sensitive Aquifer Recharge Areas (Includes the soil profile and underlying geology).
 The Sensitive Aquifer Recharge Map indicates the parcel is within an area designated as Sensitive Aquifer Recharge (identified in red).



Soil Leachability Map (This is only the soil profile within the parcel from the surface down to approx. 5 feet).
 The Soil Leachability Index indicates 23.6 acres or 62.8% of the parcel contains high leachable soils, for fertilizers, on the parcel (identified in red).

Soil Permeability (This is only the soil profile within the parcel from the surface down to approx. 5 feet. Soil permeability is a reflection of the speed in which water (with or without pollutants) can move through the soil profile.)
 The USDA-NRCS Soil Survey Map of the area indicates there are 0.7 acres or 1.9% of highly permeable soils on the parcel.

Soil Limitations (This evaluates the parcel from the surface down to approximately 5 feet.):

Erosion Ratings

The NRCS Soils Survey indicates 9.7 acres or 25.7% of the parcel contains highly erodible soils.



Prime Farmland Soils

The Natural Resources Conservation Service (NRCS) Soil Survey indicates 24.9 acres or 66.1% of the parcel is comprised of prime farmland soils and 7.2 acres or 19.0% of the parcel is comprised of prime farmland if drained soils (identified in shades of green).



Ground-Based Solar Arrays

The Natural Resources Conservation Service (NRCS) Soil Survey indicates 18.1 acres or 48.0% of the parcel has very limited soils for ground-based solar arrays (identified in red).

Hydric Soils

The NRCS Soil Survey indicates there are no hydric soils on the parcel.

Floodplain Information:

The Flood Insurance Rate Map

Indicates the parcel is outside of the Zone A, 100-year floodplain.



Flood of Record Map (Hydrologic Atlas)

The Flood of Record Map for this area indicates that 0.39 acres of the site have previously flooded (identified in blue).

Wetland Information:



USDA-NRCS Wetland Inventory

The NRCS Wetlands Inventory identifies 3 farmed wetlands (FW) totaling 1.67 acres and 1.90 acres of farmed wetland pasture (FWP) on the parcel.



ADID Wetland Inventory

The ADID Wetland Study identifies 0.88 acres of farmed wetland L33, 0.26 acres of farmed wetland L35, 0.53 acres of farmed wetland L38, and 1.90 acres of wetland L37 on the parcel.

*As we were not provided with a copy, it is unclear if a wetland delineation has been completed. According to the zoning site plan, prepared by Kimley Horn, dated 9/18/2025, the wetlands indicated on the inventory will be impacted by the development. A wetland delineation will be required, and we recommend wetland avoidance.

Flooding Frequency

The NRCS Soil Survey indicates that flooding is not probable on the parcel. The chance of flooding is nearly 0% in any year. Flooding occurs less than once in 500 years.

Ponding Frequency

The NRCS Soil Survey indicates ponding is not probable. The chance of ponding is nearly 0 percent in any year.

Cultural Resources: Office maps indicate there are no known cultural/historical features within the parcel in question.



Preserved or Recognized Ecological Sites: Office maps indicate McHenry County Natural Area Inventory Site (NUN22) - West Crystal Lake Prairie, is north of the parcel. This wet silt loam prairie is threatened by water table alteration and brush encroachment.

Additionally, McHenry County Conservation District's Woodman Tract is east of the parcel, and the parcel is within the Lake in the Hills Fen Class III Groundwatershed. Information regarding this designation can be found at the end of this report.

Woodlands: Mature trees are located throughout the parcel.

*According to the zoning site plan, prepared by Kimley Horn, dated 9/18/2025, the wooded areas are designated for tree removal. We recommend avoidance where practicable.

Agricultural Areas: Office Maps indicate there are no State designated agricultural areas on the parcel in question.

Land Evaluation Site Assessment (LESA)

The Land Evaluation Score for the parcel is 82. A Site Assessment was not completed due to the Agricultural zoning on the parcel.

ADDITIONAL CONCERNS

Agricultural Impact Mitigation Agreement: We have not received notice from the Illinois Department of Agriculture that an Agricultural Impact Mitigation Agreement has been filed. Please contact the Illinois Department of Agriculture to begin the process.

HARRISON CHUMLEY | AGRICULTURAL LAND & WATER
RESOURCE SPECIALIST I
Land and Water Resources

Illinois Department of Agriculture

John R. Block Building | 801 E. Sangamon Ave., P.O. Box 19281 | Springfield, IL 62794-9281
(O) 217-557-1343 | (F) 217-557-0993 | (TTY) 866-287-2999 | harrison.chumley@illinois.gov

Vegetation: The Board recommends that areas between panels and within the buffers be planted to a native prairie mix to help increase water infiltration and reduce runoff from the site. It is recommended that a planting and maintenance plan be developed with the landowner to ensure that noxious weeds are controlled, and native plantings are properly installed and managed. The petitioner should refer to the planting requirements of the Illinois Department of Natural Resources and McHenry County Department of Planning & Development.



NATURAL RESOURCE INFORMATION REPORT (NRI)

NRI Report Number	25-088-4749		
Applicant's Name	Korver Solar, LLC		
Size of Parcel	36 acres		
Zoning Change	Solar Facility		
Parcel Index Number(s)	14-31-126-003		
Common Location	Undefined		
Contact Person	Paul Bottom		
<i>Copies of this report or notification of the proposed land-use change were provided to:</i>	<i>yes</i>	<i>no</i>	
The Applicant	x		
The Applicant's Legal Representation/Consultant		x	
The Village/City/County Planning and Zoning Department or Appropriate Agency	x		

Report Prepared By: *Spring M. Duffey*

Position: *Executive Director*



September 10, 2025

Paul Bottum
Developer
7716 US Hwy 14
Crystal Lake, IL 60172

**RE: Korver Solar, LLC
Consultation Program
EcoCAT Review #2604816
McHenry County**

Dear Mr. Bottum:

The Department has received your submission for this project for the purposes of consultation pursuant to the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], and Title 17 *Illinois Administrative Code Part 1075*.

The proposed action consists of developing a 4MWac Community Solar facility.

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Illinois Nature Preserves Commission Lands
Lake in the Hills Fen Class 3 Groundwater (C3GW)

State Threatened or Endangered Species
Blanding's Turtle (*Emydoidea blandingii*)

Due to the project scope and proximity to protected resources the Department recommends the following actions be taken to avoid adversely impacting listed species and/or protected natural area in the vicinity of the project:

Lake in the Hills Fen C3GW

This project falls completely within the Lake in the Hills Fen Class 3 Groundwater recharge area, which protects the integrity of the Lake in the Hills Fen Nature Preserve. The modification of groundwater quality and quantity which may affect conditions within a Nature Preserve is prohibited. The Department recommends the following to avoid and minimize impact to Lake in the Hills Fen Class 3 Groundwater:

- Use the lightest weight equipment possible to complete the job.
- Balloon or large tires should be used whenever possible to reduce compaction.
- Disc site upon completion to de-compact the surface after final soil is placed to ensure good infiltration.
- Naturalized permeable basins and swales should be part included in the design.

Blanding's Turtle

EcoCAT has indicated records for the state-listed Blanding's Turtle in vicinity of the project area. The Blanding's Turtle forages and hibernates in wetlands and, depending on the temperature, emerges in the spring with upland nesting occurring in open fields, preferably in sandy soils in late spring or early summer. The Department recommends:

- Install exclusionary silt fence by the end of March and maintain it through October (if needed) to prevent turtles from entering the construction area. Conduct daily inspections during construction to ensure that exclusionary fencing is properly installed (dug into the ground) and to check if turtles are present.
- Cover trenches at the end of each workday. Before starting each workday, trenches and excavations should be routinely inspected to ensure no turtles (or other amphibians and reptiles) have become trapped within them.

Given the above recommendations are adopted the Department has determined that impacts to these protected resources are unlikely. The Department has determined impacts to other protected resources in the vicinity of the project location are also unlikely.

In accordance with 17 Ill. Adm. Code 1075.40(h), please notify the Department of your decision regarding these recommendations.

Consultation on the part of the Department is closed, unless the applicant desires additional information or advice related to this proposal. Consultation for Part 1075 is valid for two years unless new information becomes available which was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the action has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal and should not be regarded as a final statement on the project being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are unexpectedly encountered during the project's implementation, the applicant must comply with the applicable statutes and regulations.

This letter does not serve as permission to take any listed or endangered species. As a reminder, no take of an endangered species is permitted without an Incidental Take Authorization or the required permits. Anyone who takes a listed or endangered species without an Incidental Take Authorization or required permit may be subject to criminal and/or civil penalties pursuant to the

Illinois Endangered Species Act, the Fish and Aquatic Life Act, the Wildlife Code and other applicable authority.

The Department also offers the following conservation measures be considered to help protect native wildlife and enhance natural areas in the project area:

If temporary or permanent lighting is required, the Department recommends the following lighting recommendation to minimize adverse effects to wildlife:

- All lighting should be fully shielded fixtures that emit no light upward.
- Only “warm-white” or filtered LEDs (CCT < 3,000 K; S/P ratio < 1.2) should be used to minimize blue emission.
- Only light the exact space with the amount (lumens) needed to meet facility safety requirement.
- If LEDs are to be used, avoid the temptation to over-light based on the higher luminous efficiency of LEDs.

If erosion control blanket is to be used, the Department also recommends that wildlife-friendly plastic-free blanket be used around wetlands and adjacent to natural areas, if not feasible to implement project wide, to prevent the entanglement of native wildlife.

Please contact Grant Gebhards (grant.m.gebhards@illinois.gov) with any questions about this review.

Sincerely,



Bradley Hayes
Manager, Impact Assessment Section
Division of Real Estate Services and Consultation
Office of Realty & Capital Planning
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
Bradley.Hayes@Illinois.gov
Phone: (217) 782-0031



KORVER SOLAR, LLC 4.00 MW COMMUNITY SOLAR FACILITY

Prepared by: Korver Solar, LLC
McHenry County Conditional Use Permit Application October 29, 2025



Introduction

Korver Solar, LLC is a limited liability company owned by Cultivate Power, LLC. Korver Solar, LLC, the Applicant, has prepared this application for a 4.00 megawatt (MW) solar energy facility in McHenry County, Illinois. This 4.00 MW facility may be referred to herein as “Korver Solar” or “the project.”

We submit this request on behalf of the property owner, William Gruber. Cultivate Power, LLC, or another qualified solar farm owner and operator, will provide the financial backing and technical expertise to ensure the success of Korver Solar, LLC. Cultivate Power is a dedicated distributed generation solar developer focused on Illinois. Our team has a combined 100 years of experience developing and financing solar projects and we are excited to bring solar to McHenry County.

We are excited by the opportunity to provide McHenry County with a long-term source of clean, sustainable energy. Beyond that, the project will generate income for our landowner, create an opportunity for ComEd customers to subscribe to power at or below market rates, and increase the local tax base.

This application was prepared according to the requirements detailed in **Title 16: Unified Development Ordinance, Chapter 16.56.030, Subsection PP and Chapter 16.20.40, Subsection E, Approval Standards for Conditional Use Permits of McHenry County Illinois, Code of Ordinances.** Korver Solar, LLC respectfully submits information, exhibits, and materials which are incorporated into and made part of the Application below in order to comply with the McHenry County conditional use permit Standards for Issuance.

We thank you for your consideration and look forward to working together to bring the benefits of a solar energy facility to the area. Please let me know if I can provide additional information or assistance.

Sincerely,

Paul Bottum
847-312-3712
Bottum@Cultivate-Power.com
Cultivate Power



Project Overview

Project Name: Korver Solar, LLC
Nearest Cross Streets: US Hwy 14 and Ridgefield Rd.
Township: Nunda
Size: 4.00MWac
of panels = 9,925
Acreage: 36 acre parcel, 24 acre project area
Zoning District: Agricultural
Landowner: William Gruber

Korver Solar, LLC will contain rows of Photovoltaic (PV) cell modules mounted on posts set in the ground. The project will be a self-contained, low-impact development requiring little to no local municipal services.

Korver Solar will bring significant economic and energy benefits to McHenry County and is not projected to have an adverse impact on public health, safety or general welfare, nor will it affect the comfort and convenience of the public or of the immediate neighborhood.

Korver Solar was determined as an ideal location for solar farm development for a variety of factors including:

- Proximity to relevant electrical and road infrastructure
- Likelihood of wetlands and other protected landforms or species
- Slope of land and direction of this slope
- Interest from our landowner
- Current zoning district and surrounding uses

The project will have minimal impact on surrounding properties, which are predominantly zoned A1 Agricultural.

The anticipated power output of the project is approximately 6.8 million kilo-watt hours (kWh) annually, enough to power approximately 950 single-family homes.¹ Korver Solar, LLC expects to invest an estimated \$6,000,000 in the project, create 20 local jobs during construction² and significantly increased property tax revenue over the lifetime of the project. Cultivate Power is a proud partner of each community that we work with, and we look forward to a continued relationship with McHenry County.

¹ <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

² <https://www.seia.org/research-resources/national-solar-jobs-census-2020>



Commercial Solar Ordinance – Title 16: Unified Development Ordinance, Chapter 16.56.030, Subsection PP

PP. *Commercial solar energy facility.* Conditional use permits for a commercial solar energy facility shall have no time limit, unless the use is abandoned as specified in subsection PP.4. below (Commercial solar energy facility: Abandonment), or the permit is revoked in accordance with § [16.20.040](#) I. (Revocation of Conditional Use Permits).

1. Application.

- a. A threatened and endangered species consultation (**EcoCAT**) from the Illinois Department of Natural Resources is required at the time of conditional use permit application for any site that is five (5) acres or greater in size and currently in agricultural use or undeveloped.

The project has completed an EcoCAT review and will follow the report recommendations. The project will submit an environmental review with the USFWS.

- b. A **site plan** shall be provided showing all improvements, including structures, fencing, power lines (above and below ground), lighting, and landscaping, at a detail sufficient to understand the location, height, appearance, and area.

See Exhibit F.

- c. All other application submittal requirements outlined in the *Planning and Development Department Zoning Application Packet* as published on the McHenry County Website.

The project has submitted, by way of Exhibits, all of the requirements outlined in the Planning and Development Zoning Application Packet requirements.

2. Site design.

- a. Solar panels, structures, and electrical equipment, excluding fences and power lines for interconnection, shall be erected no less than fifty (50) feet from any lot line and no less than one hundred fifty (150) feet from any residence, other than a residence on the same ownership parcel.

The proposed project will comply with the setback requirements. 50 feet from any lot line and a minimum of 150 feet from any residence that is not a participating residence.



- b. No structures, excluding power lines for interconnection, may exceed twenty (20) feet in height. Power lines shall be placed underground to the maximum extent possible.

Power and communication lines running between banks of solar panels will be secured using a Cable Management System (CAB). All DC power and communication lines will be buried underground. To support the required equipment to interconnect the proposed project to the ComEd grid, utility poles and a power line will be installed aboveground to interconnect to the existing overhead electrical infrastructure

- c. Lighting must comply with § [16.60.020](#) (Exterior Lighting).

There is no lighting on the site.

- d. Solar panels shall have a surface that minimizes glare and shall comply with § [16.60.040D](#). (Lighting and Glare).

Modules are designed with anti-reflective coating and demonstrate less glare than windows or water.

- e. The facility shall be situated as to **minimize impacts to woodlands, savannas, wetlands, drainage tiles, and encroachment into flood plains**. All site development shall comply with the **Stormwater Management Ordinance**. Any damaged drainage tiles shall be repaired.

The proposed project has been situated as to minimize impacts to the surrounding environment and will comply with all of the County's Flood Damage Ordinance and Stormwater Management Ordinance. The proposed project will repair/replace any damage to the drain tile system.

- f. In order prevent erosion, manage run-off, and provide ecological benefit, the facility shall be **planted with "low-profile" native prairie species, using a mix appropriate for the region and soil conditions per Illinois Department of Natural Resources (IDNR) standards**, as amended from time to time.

The project will provide a Vegetation Management Plan outlining the native prairie species mix appropriate for the region and soil conditions in alignment with the Illinois Department of Natural Resources (IDNR) Standards prior to building permit issuance.



- g. Fencing shall be provided in compliance with the National Electrical Code, as applicable. The use of barbed wire must comply with § [16.56.050](#)H.1.c. of this Ordinance

The project will be surrounded by a 7' agricultural style fence and gated for security purposes.

- h. Any part of the facility that is within five hundred (500) feet of a **NONPARTICIPATING RESIDENCE**, or road right-of-way, shall be landscaped with an arrangement of native shrubs, subject to approval by the County Board, unless the facility is screened from view by existing vegetation.

The proposed facility has consulted with the McHenry County zoning and planning office for guidance regarding vegetation landscaping. Vegetation screening consisting of native shrubs and evergreen trees will be installed, where necessary, in locations that are within five hundred (500) feet of a non-participating residence or road right of way.

- i. Prior to building permit issuance, the operator shall prepare a landscape monitoring and maintenance plan to ensure the establishment and continued maintenance of the native prairie species, all installed landscape screening, and all existing vegetation that provides required landscape screening.

The owner operator of the facility will prepare a landscape monitoring and maintenance plan to ensure establishment and oversight of vegetation screening and prairie species maintenance.

- j. Prior to scheduled public hearing, the operator shall enter into an **Agricultural Impact Mitigation Agreement** with the Illinois Department of Agriculture (IDOA), as required by that department.

Korver Solar LLC has executed an Agricultural Impact Mitigation Agreement with the Illinois Department of Agriculture. The AIMA agreement is included as Exhibit H in the application documents.

- k. Prior to building permit issuance, the operator shall provide an executed road use agreement between the Applicant and the appropriate governing road and highway jurisdictions or the Illinois Department of Transportation (IDOT), showing approved entrances.



Prior to building permit issuance, the project will obtain the required McDOT access permit and enter into a Road Use Agreement with the County, Highway Commissioner or Township Road District, as necessary. The facility owner will pay for any reasonable costs incurred to repair and improve the roads following construction of the facility.

3. Safety.

- a. Prior to construction, the operator shall prepare an emergency management plan acceptable to the County and the local fire district and shall be responsible for training of emergency personnel, as needed.

The project has consulted with the local fire district and shared the preliminary site plan. The operator will provide an emergency management plan acceptable to the County and fire prevention bureau prior to construction. The project will provide resources to support training of emergency personnel, as needed.

- b. A sign shall be posted providing the name of the operator and a phone number to be used in case of an on-site emergency.

The proposed project will have a sign with the name of the operator and emergency contact number at the entrance to the site.

- c. Access shall be granted, provided appropriate advance notice, for periodic inspection of the site by the County or the local fire district.

The project has consulted with the local fire prevention bureau district and the operator will grant access, with appropriate advance notice, for inspection of the site by County or Fire District officials.

- d. Damaged solar panels shall be removed, repaired, or replaced within sixty (60) days of the damage. The ground shall remain free of debris from damaged solar panels at all times.

In the event that solar panels are damaged, they will be removed, repaired and replaced within sixty (60) days. The project will undergo scheduled inspections and the ground will always remain free of debris from damaged solar panels.



4. Abandonment.

- a. The COMMERCIAL SOLAR ENERGY FACILITY shall be considered abandoned if the operator fails to pay rent as specified in the Agricultural Impact Mitigation Agreement, or it ceases to generate electricity for a period of twelve (12) consecutive months. Reports of electrical power production shall be provided to the County upon request. An abandoned COMMERCIAL SOLAR ENERGY FACILITY must be decommissioned and removed within twelve (12) months from the time it is deemed abandoned. The operator may appeal in writing to the Zoning Enforcement Officer for an extension of time in order to remove the facility or to bring the solar farm back into operation.

Korver Solar, LLC guarantees that the facilities will be properly removed within 12 months of the end of the project lifetime or in the unlikely event that the system ceases power production for a period of 12 months. The project will provide reports on electrical power production when requested by the County. If necessary, the operator will appeal in writing to the Zoning Enforcement Officer for an extension of time to bring the project back or operation or to extend decommissioning.

5. **Decommissioning.** Decommissioning and removal of the COMMERCIAL SOLAR ENERGY FACILITY shall be the responsibility of the operator upon abandonment or revocation of the conditional use permit.

All operators shall comply with the following:

- a. Prior to building permit issuance, the operator shall prepare a decommissioning plan which shows the final site conditions after the COMMERCIAL SOLAR ENERGY FACILITY has been removed from the property. Decommissioning plans shall require removal of all solar panels, electrical equipment, piles, foundations, and conduits (above and below ground). Access roads, fencing, groundcover, and landscaping may remain only by agreement of property owner.

Prior to building permit issuance, Korver Solar, LLC will prepare a decommissioning plan outlining the steps to bring the facility back to the original site condition. Korver Solar LLC guarantees that the facilities will be properly removed within 12 months of the end of the project lifetime or in the unlikely event that the system ceases power production for a period of 12 consecutive months. The project will comply with all of the McHenry County decommissioning requirements.



- b. Prior to building permit issuance, the operator shall submit an engineer's estimate of cost for decommissioning the facility and restoring the site in accordance with the approved decommissioning plan. Upon review and approval by the Zoning Enforcement Officer of the estimate, the operator shall obtain a bond, letter of credit, or other form of surety acceptable to the County to be held by the Department of Planning and Development in the amount of one hundred percent (100%) of the estimate. Provision of this financial assurance shall be phased in over the first eleven (11) years of the project's operation or as otherwise provided in accordance with the executed Agricultural Impact Mitigation Agreement.

Prior to building permit issuance, Korver Solar, LLC will post a decommissioning bond with the County's Treasurers Office. Korver Solar, LLC understands and will submit payments in accordance with the payment schedule as listed in the Agricultural Impact Mitigation Agreement.

- c. During the operation of the facility, a new engineer's estimate of cost for decommissioning shall be submitted every ten (10) years to the Department of Planning and Development. Upon approval of the estimated costs by the Zoning Enforcement Officer, a revised surety shall be provided to the Department of Planning and Development in the amount of one hundred percent (100%) of the new estimate.

Korver Solar, LLC will submit an updated cost estimate every ten (10) years, and upon approval, will provide a revised surety bond to the Department of Planning and Development that meets one hundred percent (100%) of the new estimate.



EXHIBITS

Exhibit A: McHenry County Conditional Use Permit Application Form

Exhibit B: Solar Overview

Exhibit C: Construction Overview

Exhibit D: Operations and Maintenance Overview

Exhibit E: Decommissioning

Exhibit F: Site Plan

Exhibit G: FEMA FIRM Map

Exhibit H: AIMA

Exhibit I: IDNR EcoCAT Consultation

Exhibit J: ILHPA preliminary SHPO review

Exhibit K: Construction and Haul Route



Exhibit A

CONSENT TO ON-SITE INSPECTION

I/We are the owners of record of the real estate which is the subject of this application. Owners of the described real estate do hereby freely and voluntarily consent to inspection of the site of the parcel in question for purposes of determining the appropriateness of the pending proposed zoning petition by the Zoning Enforcement Officer and/or designated representative, McHenry County Zoning Board of Appeals or where applicable, the McHenry County Hearing Officer, and hereby release such persons from any liability based in whole or in part on the inspection of the parcel in question. That in exchange for the above actions by the Applicant(s), McHenry County agrees that the Zoning Enforcement Officer and/or designated representative, member of the Zoning Board of Appeals or, if applicable, the McHenry County Hearing Officer, will inspect the parcel in question prior to considering the evidence presented upon the above application. In the case of Conditional Use applications, if approved by the McHenry County Board, the Zoning Enforcement Officer and/or designated representative many inspect the property periodically to ensure compliance with the adopting ordinance and any conditions therein.

ACCEPTANCE OF FEES FOR TRANSCRIPTION SERVICES

I/We, the applicant(s), verify that I/we are aware of the use of a transcription service utilized by McHenry County to prepare a record of public hearings. Applicant(s) agree to directly reimburse the Department of Planning and Development for all incurred transcript fees and associated costs for hearings before the McHenry County Zoning Board of Appeals or where applicable, the McHenry County Hearing Officer unless determined otherwise by McHenry County. The applicant(s) further recognizes failure to fully reimburse the County prior to the scheduled County Board Date will grant McHenry County the unconditional right to withhold the application from McHenry County Board action. Applicant(s) further understand that transcripts shall be retained by McHenry County as part of the permanent zoning application file.

ZONING APPLICATION INTERPRETATION

I/We understand that the McHenry County Department of Planning and Development Staff will review and evaluate this application per the text of the McHenry County Unified Development Ordinance, the Official Zoning Maps, and any relevant documentation provided by the applicant and otherwise available to the Department, and consult with other staff to create a Legal Notice and staff report.

ACCEPTANCE OF FEES FOR NOTIFICATION


I/We, the applicant(s), authorize the McHenry County Department of Planning and Development Staff to produce the Legal Notice of Public Hearing to be published and mailed per the requirements of Chapter 16.16 (Zoning Application Process) of the McHenry County Code of Ordinances. I/We agree to reimburse the County for the cost of certified mailing and publication to the newspaper, prior to a vote by the McHenry County Board, in order to meet the notification requirements for a public hearing by Illinois State Statute.

CONSENT

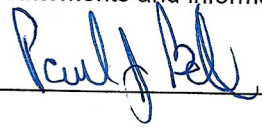
I/We hereby authorize that the applicant, attorney, or agent to act and testify on my behalf as my agent in the matter of this zoning application regarding the property listed above that is the subject of this application.

VERIFICATION

I/We hereby verify and attest to the truth and correctness of all facts, statements and information presented herein.



Owner's Signature
William Corubet
Print Name

Signed by: 

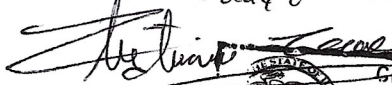
Paul Bottum
Print Name

SUBSCRIBED and SWORN to before me
this 13 day of October, 2025.



NOTARY PUBLIC

Subscribed and Sworn to by Paul Bottum before me this 9 day of September, 2025



CHRISTIANNA CASEY
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
December 22, 2025

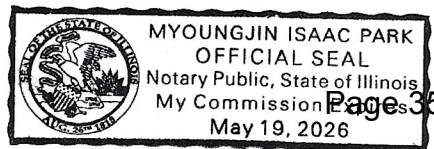




Exhibit B



Exhibit B

Solar Overview

Solar Technology

Korver Solar, LLC will contain rows of Photovoltaic (PV) cell modules mounted on posts set in the ground. These rows of modules are referred to as “solar arrays” mounted on a single axis tracking system, which allows them to follow the sun throughout the day. The modules face east in the morning, are horizontal at midday, and face west in the afternoon, and are no more than fifteen (15) feet high at max tilt. Solar components will comply with the current edition of the National Electric Code, are UL Listed or equivalent, and will have an anti-reflective coating.

The basic components of any solar energy facility include: PV modules, inverters, combiner boxes, transformers, wires and conductor cables, structural racking system for PV modules, an access road, and perimeter fencing. Solar electricity production includes the following components:

- 1) Electrical Power Generation. Sunlight strikes the PV module cells, which convert photons of light into electrons, producing low-voltage, Direct Current (DC) electricity.
- 2) Combiner Boxes. The low-voltage, DC electricity is fed through cables from each PV module to a combiner box.
- 3) Inverters. The low-voltage, DC electricity is fed through cables from the combiner box to an inverter, where it is converted to low-voltage, Alternating Current (AC) electricity.
- 4) Transformers. The transformer steps up the low-voltage, AC electricity to the appropriate voltage so that it can be fed into the electrical transmission system.
- 5) Utility Distribution. Electricity is sent through the electrical sub-transmission lines to utility distribution systems for delivery to ratepayers.

Current photovoltaic modules are typically Crystalline Silicone (C-Si) and Thin Film (TF). The solar PV modules function as a solid state, inert crystal, similar to a pane of solid glass. The modules do not corrode and do not produce any emissions. The technology is encapsulated in layers of plastic and glass to prevent air and moisture from entering the cell and conversely prevents the release of materials out of the module and into the environment². The solar panels are expected to work upwards of 40 years before they are recycled to recover the valuable materials contained inside.

¹ https://nccleantech.ncsu.edu/wp-content/uploads/2018/10/Health-and-Safety-Impacts-of-Solar-Photovoltaics-2017_white-paper.pdf



Exhibit B

The power from the solar farm is interconnected to the local ComEd distribution level grid through a point of interconnection (“POI”) with the utility. The POI consists of a few pieces of pole-mounted equipment that serve to measure and provide disconnects to the power. The utility then routes power around the local grid and to a nearby substation.

Glare

Photovoltaic solar energy systems are designed to reduce reflection and have low potential to produce hazardous glare. Modules are covered with anti-reflective coating and demonstrate less glare than windows and water².

Sound

The solar energy system produces minimal sound during the day and no sound overnight. The main source of noise is from the inverter, but this noise cannot be heard beyond the project boundary. The inverter rated at 67 decibels, about the volume of a washing machine, at 10 meters.³

Environmental Impact

Korver Solar will contract environmental consultants to perform field investigations, literature reviews, and agency consultations to identify and assess existing environmental conditions at the project site. Information derived from the environmental diligence is used by Korver Solar to avoid and minimize effects to environmental resources during the design process. Full compliance with federal, state, and local regulations will ensure Korver Solar will not result in adverse impacts to environmental resources. Korver Solar has consulted with the Illinois Department of Natural Resources who determined that adverse effects to protected species are unlikely from the project.

Safety

Korver Solar will be a safe facility that will not impact the well-being of local residents or McHenry County. Solar energy facilities are very safe, with simple and proven technologies.

The project will be constructed according to all required building and electrical codes and safety measures. Site plans will be approved by all applicable local authorities, and regularly visited throughout construction as required by the McHenry County’s or by the State of Illinois’ building codes. Energized system components, such as inverters, will be commissioned by the manufacturers’ technicians. The project will employ required lock-out measures and safety warnings. A 7' tall perimeter fence per National Electrical Code regulations will prevent trespassing and vandalism. Access codes to the gate will be provided to the Police Department, Fire Department, and emergency service providers. Vehicular access to the site is adequate for the use proposed and for emergency services.

² <https://www.nrel.gov/state-local-tribal/blog/posts/research-and-analysis-demonstrate-the-lack-ofimpacts-of-glare-from-photovoltaic-modules.html>

³ <https://www.enfsolar.com/pv/inverter-datasheet/13175>



Exhibit B

The foundation and design of the solar structures shall be designed and sealed by an Illinois licensed professional engineer. The design shall conform to applicable codes, standards and local soil and climate conditions.

The regular vegetation control methods prevent buildup of debris that could otherwise pose risk of fire material, thus Korver Solar, LLC will pose no increased risk of fires to the surrounding areas.

Korver Solar will continue to coordinate with all necessary Federal, State, and County agencies and other entities throughout the planning process for Korver Solar, LLC.



Exhibit C



Exhibit C

Construction Overview

Timeline

The construction of Korver Solar is expected to take approximately 20-26 weeks using standard solar construction procedures. The utility's engineering, procurement, and construction of the interconnection facilities will take 6-18 months total and will be complete just before the construction of the solar farm itself. Finally, the solar farm will go through 2-3 months of commissioning before reaching commercial operation.

Finances and Labor

Korver Solar, LLC expects to invest an estimated \$6,000,000 into the project. These costs are based on build cost assumptions and include all construction, material, labor, and professional service-related expenditures. Cultivate Power, in combination with tax equity and debt partners, will provide the financial backing for the project.

Approximately \$3,500,000 of the project cost will benefit the local economy including expenditures on parts and labor, goods and services, fuel and lodging, dining and other consumer resources. Korver Solar, LLC will result in the creation of approximately 20 local jobs during construction provided that qualified, local labor is available⁴. Cultivate Power hires and works with qualified, local subcontractors wherever possible. Local contractors are most familiar with local practices and authorities, which streamlines work on our projects.

Soil, Grading, and Vegetation

Most sites require minimal grading and an entire facility can often be installed with minimal soil disturbance. Soil will not be removed from the site except in the case of remediation. Structural frames are driven into the ground with steel beams on which PV modules are mounted. The inverters and transformers are mounted on top of small concrete pads – the only concrete on the project. The project area will be seeded with native plantings.

Drain Tile

Korver Solar is committed to maintaining the integrity of existing drain tile conditions. Field tile will be surveyed prior to construction and repaired or replaced if impacted.

Traffic

A temporary and limited rise in vehicle traffic during the construction period is anticipated: approximately 2-15 personal cars and 1-10 trucks will visit the site per day.

⁴ <https://www.seia.org/research-resources/Regional-employment-census-2020>



Exhibit D



Exhibit D

Operation and Maintenance Overview

Equipment Maintenance

Once constructed, the project will be monitored remotely and will require minimal maintenance, anticipated 5-9 site visits per year. The project will not require on-site manning, nor will it require sewer, water, or other services.

Vegetation Maintenance

Korver Solar, LLC is committed to landscaping best practices that stabilize the soil to add strength and durability for the long-term success of the project and the health of the land. Based on the specific site, local plantings will be chosen and maintained to prevent erosion, manage run off, and build soil. Seeding will be from a mix of local plants.

Korver Solar will maintain vegetation for property within the fence line and property immediately surrounding fencing (within reason), specifically ensuring vegetation does not encroach on solar panels. Frequency of vegetation management visits is determined by both regional and seasonal factors. We anticipate mowing will occur at the Korver Solar site at maximum 6 times a year.

Traffic Safety

No significant traffic impacts are anticipated due to Korver Solar. With no more than one to three vehicle visits per quarter on average, the project will not be a significant traffic generator and will not cause undue harms to the surrounding road networks, to local responders, or to the Illinois Department of Transportation.



Exhibit E

Exhibit E

Decommissioning

Commitments and Code Adherence

Korver Solar, LLC guarantees that Korver Solar shall be removed, at the expense of the operator, at the end of the project lifetime or in the unlikely event that the system ceases power production according to the conditions below. The project will comply with McHenry County decommissioning requirements and has signed an Agricultural Impact Mitigation Agreement (AIMA) with the Illinois Department of Agricultural that further commits Korver Solar, LLC to proper decommissioning processes.

Decommissioning Conditions

Decommissioning will occur as a result of any of the following conditions:

- The land lease expires or is terminated; or
- The solar energy system the (“SES”) does not produce power for a period of 12 consecutive months

Decommissioning Steps

If any of the decommissioning conditions are met, the operator is responsible for decommissioning steps including:

- Remove all Operator-owned equipment, conduits, structures, and foundations to a depth of at least five feet below grade; and
- Remove all fencing unless the owner of the leased real estate requests in writing for it to stay in place; and
- Take the following steps to restore the land:
 - Grade to maintain existing drainage patterns at the time of decommissioning unless stated otherwise by the leading Authority Having Jurisdiction (AHJ) or in any governing decommissioning ordinance;
 - Reseed the land using local non-invasive grasses; and
 - Maintain the grass for a total of three months after the seeding.

Financial Assurance

Korver Solar, LLC will provide McHenry County with financial assurance of decommissioning in the form of a surety bond as determined by the decommissioning estimate. The preliminary decommissioning estimate is approximately \$391,992.00. Korver Solar will submit a surety bond to the McHenry County zoning office prior to building permit issuance. According to the Standard Solar AIMA V.8.19.19, we propose financial assurance be phased in as follows:

- 10% prior to the end of the first year of operation
- 50% prior to the end of the sixth year of operation
- 100% prior to the end of the eleventh year of operation

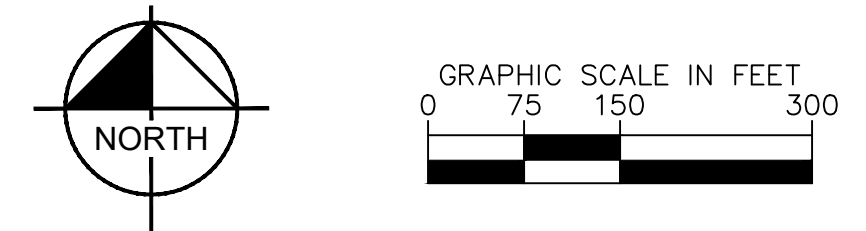
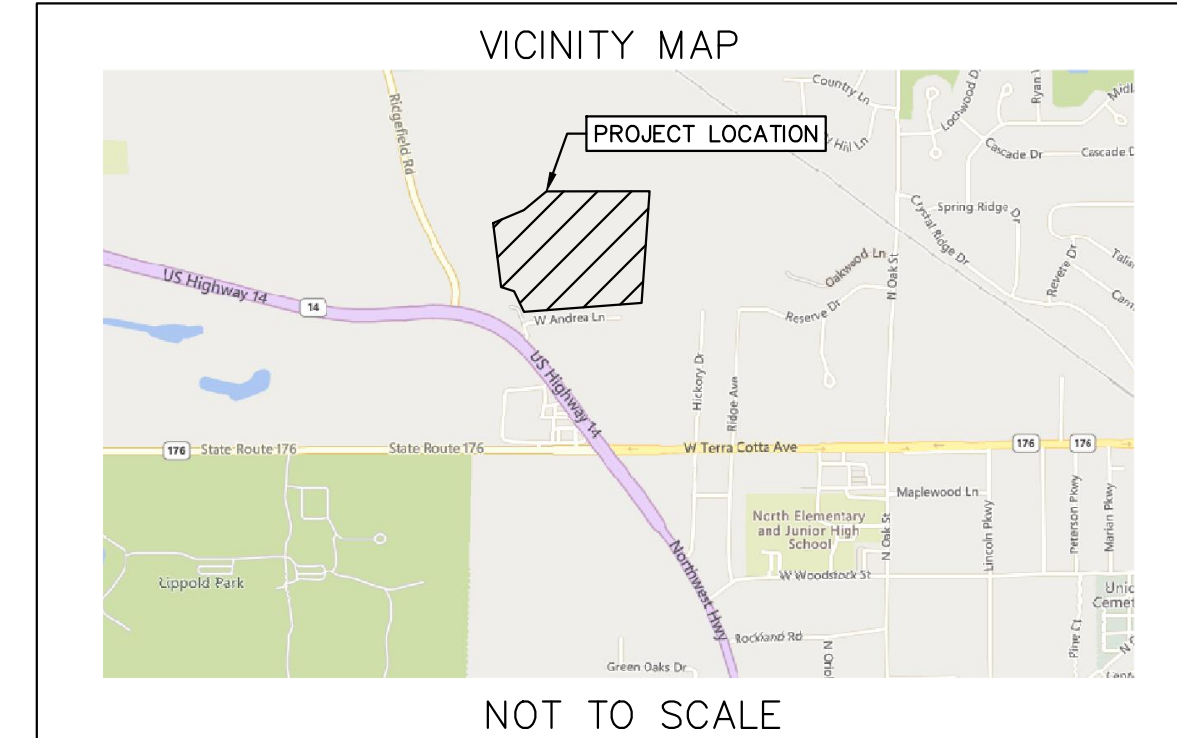
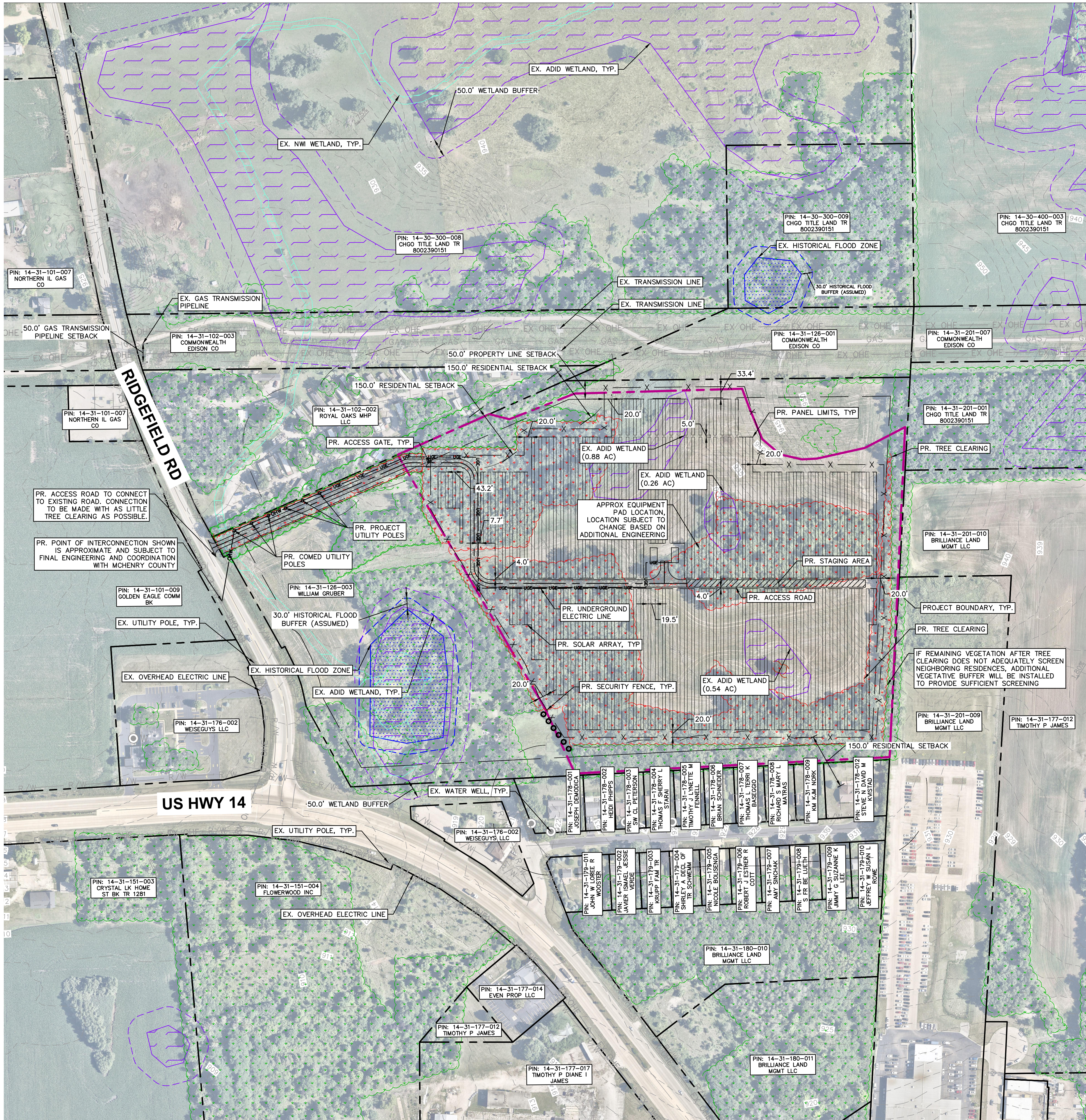
Plan Changes

Any updates to the decommissioning plan will be submitted within 30 days to the McHenry County Zoning Office by the party responsible for decommissioning the SES.



Exhibit F

Drawing name: K:\CHS_DEVA\26826260_Cultivate_Korver\2 Design\CAD\Exhibits\Zoning_Site Plan.dwg Layout1 Oct 02, 2025 4:10pm by: Mega-McCoubert
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

PROJECT BOUNDARY	
ROAD CENTERLINE (TRACED PER AERIAL)	
ROAD LABEL	BULL VALLEY RD
PROPERTY LINE (PER MCHENRY COUNTY GIS 09/09/2025)	
PROPERTY LINE SETBACK (PER MCHENRY COUNTY ZONING ORDINANCE)	
RESIDENTIAL STRUCTURE SETBACK (PER MCHENRY COUNTY ZONING ORDINANCE)	
EX. RESIDENCE/STRUCTURE (TRACED PER AERIAL)	
EX. OVERHEAD ELECTRIC (TRACED PER AERIAL)	
EX. UTILITY POLE (TRACED PER AERIAL)	
EX. VEGETATION AREA (TRACED PER AERIAL)	
EX. NWI WETLAND (DOWNLOADED PER NWI ON 09/08/2025)	
NWI WETLAND BUFFER (PER MCHENRY COUNTY STORMWATER ORDINANCE)	
EX. ADID WETLAND (DOWNLOADED PER MCHENRY COUNTY GIS ON 09/08/2025)	
ADID WETLAND BUFFER (PER MCHENRY COUNTY STORMWATER ORDINANCE)	
EX. HISTORICAL FLOOD ZONES (TRACED PER MCHENRY COUNTY GIS)	
EX. HISTORICAL FLOOD ZONES BUFFER (ASSUMED)	
EX. GAS TRANSMISSION PIPELINE (PER NATIONAL PIPELINE MAPPING SYSTEM ON 09/08/2025)	
EX. GAS TRANSMISSION PIPELINE BUFFER	
EX. CONTOURS	
EX. FLOW DIRECTION AND SLOPE	
EX. WELLS	
PR. TREE CLEARING	
PR. FENCE	
PR. PANEL LIMITS	
PR. OVERHEAD ELECTRIC	
PR. UNDERGROUND ELECTRIC	
PR. GRAVEL ACCESS ROAD	
PR. UTILITY POLE	
PR. EQUIPMENT PAD	
PR. SOLAR ARRAY	
PR. STAGING AREA	
PR. VEGETATIVE SCREENING	

- ### NOTES
- THE PURPOSE OF THIS PLAN IS FOR SPECIAL USE PERMIT REVIEW AND APPROVAL BY MCHENRY COUNTY TO CONSTRUCT A SOLAR ENERGY SYSTEM.
 - THIS PLAN WAS PRODUCED UTILIZING GIS RESOURCES AND INFORMATION FROM MULTIPLE SOURCES, INCLUDING MCHENRY COUNTY, GOOGLE EARTH, NATIONAL WETLAND MAPPING INVENTORY, AND USGS TOPOGRAPHIC INFORMATION.
 - SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON THE FLOOD INSURANCE RATE MAP (COMMUNITY PANEL 1711C0215J) PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).
 - THE LOCATIONS OF PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: ACCESS ROAD, FENCING, SOLAR ARRAY RACKING, INVERTER/TRANSFORMER PADS, OVERHEAD POLES AND LINES, ETC., SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, EQUIPMENT SPECIFICATIONS, AND/OR OTHER CONSTRAINTS DURING FINAL ENGINEERING.
 - STORMWATER MANAGEMENT FACILITIES TO BE PROVIDED AS REQUIRED BY COUNTY AND/OR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITTING. REQUIREMENTS TO BE DETERMINED DURING FINAL ENGINEERING.
 - A SOIL EROSION AND SEDIMENT CONTROL PLAN THAT MEETS THE NPDES STANDARDS WILL BE PROVIDED TO THE COUNTY DURING FINAL ENGINEERING.
 - SETBACKS SHOWN ON THIS PLAN ARE BASED ON MCHENRY COUNTY ZONING ORDINANCE.
 - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL TRAFFIC MAY PROCEED NORMALLY AGAIN.
 - PANELS SHALL NOT EXCEED 20 FEET IN HEIGHT WHEN ORIENTED AT MAXIMUM TILT.
 - THE FACILITY WILL BE PLANTED WITH LOW-PROFILE NATIVE PRAIRIE SPECIES, USING A MIX APPROPRIATE FOR THE REGION AND SOIL CONDITIONS PER ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR) STANDARDS.
 - A FIELD WETLAND DELINEATION BY A LICENSED WETLAND SURVEYOR WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE PROJECT WILL MITIGATE ANY IMPACTS TO WETLANDS THROUGH PERMITTING AND COORDINATION WITH THE APPROPRIATE AGENCIES PRIOR TO CONSTRUCTION.

SITE DATA TABLE

PROPERTY #	14-31-126-003
PROPERTY OWNER	WILLIAM GRUBER
SITE ADDRESS	7716 US HWY 14, CRYSTAL LAKE, IL 60012
ZONING JURISDICTION	MCHENRY, IL
CURRENT LAND USE	RESIDENTIAL
PROPOSED USE	SOLAR ENERGY SYSTEM
PROJECT BOUNDARY AREA	24.0 ± AC
AREA WITHIN FENCE	20.4 ± AC
PRELIMINARY SOLAR AREA	16.6 ± AC
PR. TREE CLEARING AREA	12.8 ± AC
PROPERTY LINE/RIGHT OF WAY SETBACK	50 FT
OCCUPIED DWELLING SETBACK	150 FT
MWDC/MWAC	6.0/4.0
ESTIMATED NUMBER OF MODULES	9,925
GROUND COVER RATIO (GCR)	40%

CULTIVATE POWER

Kimley-Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
570 LAKE COOK RD SUITE 200
DEERFIELD, IL 60015
WWW.KIMLEY-HORN.COM

PRELIMINARY NOT FOR CONSTRUCTION

ZONING SITE PLAN

KORVER SOLAR, LLC

No.	REVISIONS	DATE

KIMLEY-HORN PROJECT 268262606

ORIGINAL DATE 10/02/2025

SCALE AS SHOWN

DESIGNED BY SFH

DRAWN BY MAM

CHECKED BY CFC

MCHENRY COUNTY, IL

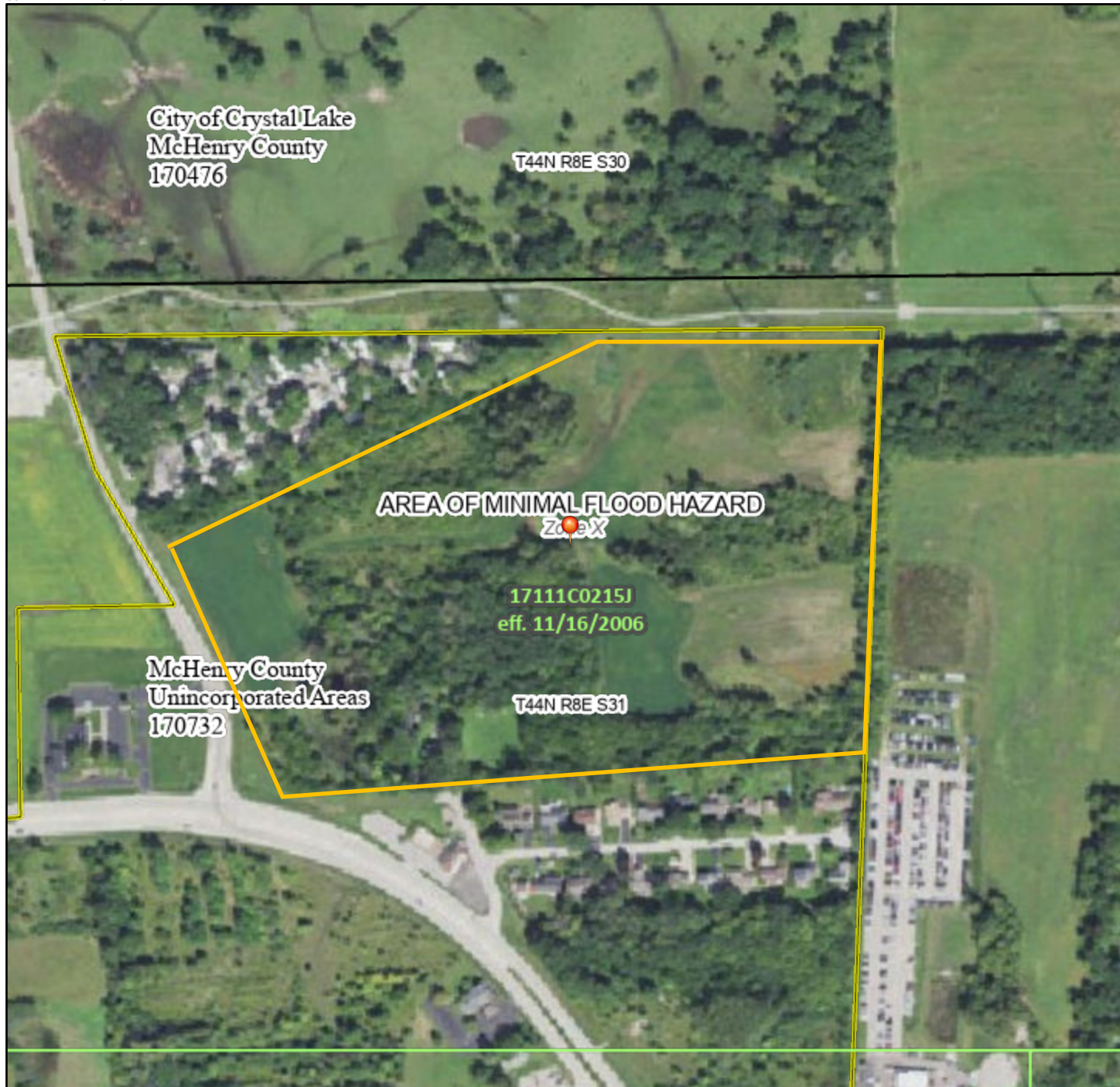


Exhibit G

National Flood Hazard Layer FIRMMette



88°21'12"W 42°15'26"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **9/4/2025 at 9:33 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

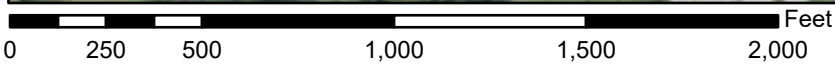




Exhibit H

STANDARD AGRICULTURAL IMPACT MITIGATION AGREEMENT

between

Skystone Solar, LLC

and the

ILLINOIS DEPARTMENT OF AGRICULTURE

Pertaining to the Construction of a Commercial Solar Energy Facility

in

McHenry County, Illinois

Pursuant to the Renewable Energy Facilities Agricultural Impact Mitigation Act (505 ILCS 147), the following standards and policies are required by the Illinois Department of Agriculture (IDOA) to help preserve the integrity of any Agricultural Land that is impacted by the Construction and Deconstruction of a Commercial Solar Energy Facility. They were developed with the cooperation of agricultural agencies, organizations, Landowners, Tenants, drainage contractors, and solar energy companies to comprise this Agricultural Impact Mitigation Agreement (AIMA).

Skystone Solar, LLC, hereafter referred to as Commercial Solar Energy Facility Owner, or simply as Facility Owner, plans to develop and/or operate a 3.5MWac Commercial Solar Energy Facility in McHenry County [GPS Coordinates: 42.23690, -88.41460], which will consist of up to 26 acres that will be covered by solar facility related components, such as solar panel arrays, racking systems, access roads, an onsite underground collection system, inverters and transformers and any affiliated electric transmission lines. This AIMA is made and entered between the Facility Owner and the IDOA.

If Construction does not commence within four years after this AIMA has been fully executed, this AIMA shall be revised, with the Facility Owner's input, to reflect the IDOA's most current Solar Farm Construction and Deconstruction Standards and Policies. This AIMA, and any updated AIMA, shall be filed with the County Board by the Facility Owner prior to the commencement of Construction.

The below prescribed standards and policies are applicable to Construction and Deconstruction activities occurring partially or wholly on privately owned agricultural land.

Conditions of the AIMA

The mitigative actions specified in this AIMA shall be subject to the following conditions:

- A. All Construction or Deconstruction activities may be subject to County or other local requirements. However, the specifications outlined in this AIMA shall be the minimum standards applied to all Construction or Deconstruction activities. IDOA may utilize any legal means to enforce this AIMA.
- B. Except for Section 17. B. through F., all actions set forth in this AIMA are subject to modification through negotiation by Landowners and the Facility Owner, provided such changes are negotiated in advance of the respective Construction or Deconstruction activities.
- C. The Facility Owner may negotiate with Landowners to carry out the actions that Landowners wish to perform themselves. In such instances, the Facility Owner shall offer Landowners the area commercial rate for their machinery and labor costs.

Standard Solar AIMA V.8.19.19

Standard Solar Agricultural Impact Mitigation Agreement

- D. All provisions of this AIMA shall apply to associated future Construction, maintenance, repairs, and Deconstruction of the Facility referenced by this AIMA.
- E. The Facility Owner shall keep the Landowners and Tenants informed of the Facility's Construction and Deconstruction status, and other factors that may have an impact upon their farming operations.
- F. The Facility Owner shall include a statement of its adherence to this AIMA in any environmental assessment and/or environmental impact statement.
- G. Execution of this AIMA shall be made a condition of any Conditional/Special Use Permit. Not less than 30 days prior to the commencement of Construction, a copy of this AIMA shall be provided by the Facility Owner to each Landowner that is party to an Underlying Agreement. In addition, this AIMA shall be incorporated into each Underlying Agreement.
- H. The Facility Owner shall implement all actions to the extent that they do not conflict with the requirements of any applicable federal, state and local rules and regulations and other permits and approvals that are obtained by the Facility Owner for the Facility.
- I. No later than 45 days prior to the Construction and/or Deconstruction of a Facility, the Facility Owner shall provide the Landowner(s) with a telephone number the Landowner can call to alert the Facility Owner should the Landowner(s) have questions or concerns with the work which is being done or has been carried out on his/her property.
- J. If there is a change in ownership of the Facility, the Facility Owner assuming ownership of the Facility shall provide written notice within 90 days of ownership transfer, to the Department, the County, and to Landowners of such change. The Financial Assurance requirements and the other terms of this AIMA shall apply to the new Facility Owner.
- K. The Facility Owner shall comply with all local, state and federal laws and regulations, specifically including the worker protection standards to protect workers from pesticide exposure.
- L. Within 30 days of execution of this AIMA, the Facility Owner shall use Best Efforts to provide the IDOA with a list of all Landowners that are party to an Underlying Agreement and known Tenants of said Landowner who may be affected by the Facility. As the list of Landowners and Tenants is updated, the Facility Owner shall notify the IDOA of any additions or deletions.
- M. If any provision of this AIMA is held to be unenforceable, no other provision shall be affected by that holding, and the remainder of the AIMA shall be interpreted as if it did not contain the unenforceable provision.

Definitions

Abandonment

When Deconstruction has not been completed within 12 months after the Commercial Solar Energy Facility reaches the end of its useful life. For purposes of this definition, a Commercial Solar Energy Facility shall be presumed to have reached the end of its useful life if the Commercial Solar Energy Facility Owner fails, for a period of 6 consecutive months, to pay the Landowner amounts owed in accordance with an Underlying Agreement.

Standard Solar Agricultural Impact Mitigation Agreement

Aboveground Cable	Electrical power lines installed above ground surface to be utilized for conveyance of power from the solar panels to the solar facility inverter and/or point of interconnection to utility grid or customer electric meter.
Agricultural Impact Mitigation Agreement (AIMA)	The Agreement between the Facility Owner and the Illinois Department of Agriculture (IDOA) described herein.
Agricultural Land	Land used for Cropland, hayland, pastureland, managed woodlands, truck gardens, farmsteads, commercial ag-related facilities, feedlots, livestock confinement systems, land on which farm buildings are located, and land in government conservation programs used for purposes as set forth above.
Best Efforts	Diligent, good faith, and commercially reasonable efforts to achieve a given objective or obligation.
Commercial Operation Date	The calendar date of which the Facility Owner notifies the Landowner, County, and IDOA in writing that commercial operation of the facility has commenced. If the Facility Owner fails to provide such notifications, the Commercial Operation Date shall be the execution date of this AIMA plus 6 months.
Commercial Solar Energy Facility (Facility)	A solar energy conversion facility equal to or greater than 500 kilowatts in total nameplate capacity, including a solar energy conversion facility seeking an extension of a permit to construct granted by a county or municipality before June 29, 2018. "Commercial solar energy facility" does not include a solar energy conversion facility: (1) for which a permit to construct has been issued before June 29, 2018; (2) that is located on land owned by the commercial solar energy facility owner; (3) that was constructed before June 29, 2018; or (4) that is located on the customer side of the customer's electric meter and is primarily used to offset that customer's electricity load and is limited in nameplate capacity to less than or equal to 2,000 kilowatts.
Commercial Solar Energy Facility Owner deemed (Facility Owner)	A person or entity that owns a commercial solar energy facility. A Commercial Solar Energy Facility Owner is not nor shall it be to be a public utility as defined in the Public Utilities Act.
County	The County or Counties where the Commercial Solar Energy Facility is located.
Construction	The installation, preparation for installation and/or repair of a Facility.
Cropland	Land used for growing row crops, small grains or hay; includes land which was formerly used as cropland, but is currently enrolled in a government conservation program; also includes pastureland that is classified as Prime Farmland.

Standard Solar Agricultural Impact Mitigation Agreement

Deconstruction	The removal of a Facility from the property of a Landowner and the restoration of that property as provided in the AIMA.
Deconstruction Plan	A plan prepared by a Professional Engineer, at the Facility's expense, that includes: <ol style="list-style-type: none">(1) the estimated Deconstruction cost, in current dollars at the time of filing, for the Facility, considering among other things:<ol style="list-style-type: none">i. the number of solar panels, racking, and related facilities involved;ii. the original Construction costs of the Facility;iii. the size and capacity, in megawatts of the Facility;iv. the salvage value of the facilities (if all interests in salvage value are subordinate to that of the Financial Assurance holder if abandonment occurs);v. the Construction method and techniques for the Facility and for other similar facilities; and(2) a comprehensive detailed description of how the Facility Owner plans to pay for the Deconstruction of the Facility.
Department	The Illinois Department of Agriculture (IDOA).
Financial Assurance	A reclamation or surety bond or other commercially available financial assurance that is acceptable to the County, with the County or Landowner as beneficiary.
Landowner	Any person with an ownership interest in property that is used for agricultural purposes and that is party to an Underlying Agreement.
Prime Farmland	Agricultural Land comprised of soils that are defined by the USDA Natural Resources Conservation Service (NRCS) as "Prime Farmland" (generally considered to be the most productive soils with the least input of nutrients and management).
Professional Engineer	An engineer licensed to practice engineering in the State of Illinois.
Soil and Water Conservation District (SWCD)	A unit of local government that provides technical and financial assistance to eligible Landowners for the conservation of soil and water resources.
Tenant	Any person, apart from the Facility Owner, lawfully residing or leasing/renting land that is subject to an Underlying Agreement.
Topsoil	The uppermost layer of the soil that has the darkest color or the highest content of organic matter; more specifically, it is defined as the "A" horizon.
Underlying Agreement	The written agreement between the Facility Owner and the Landowner(s) including, but not limited to, an easement, option, lease, or license under the terms of which another person has constructed, constructs, or intends to construct a Facility on the property of the Landowner.

Standard Solar Agricultural Impact Mitigation Agreement

Underground Cable	Electrical power lines installed below the ground surface to be utilized for conveyance of power within a Facility or from a Commercial Solar Energy Facility to the electric grid.
USDA Natural Resources Conservation Service (NRCS)	An agency of the United States Department of Agriculture that provides America's farmers with financial and technical assistance to aid with natural resources conservation.

Construction and Deconstruction Standards and Policies

1. Support Structures

- A. Only single pole support structures shall be used for the Construction and operation of the Facility on Agricultural Land. Other types of support structures, such as lattice towers or H-frames, may be used on nonagricultural land.
- B. Where a Facility's Aboveground Cable will be adjacent and parallel to highway and/or railroad right-of-way, but on privately owned property, the support structures shall be placed as close as reasonably practicable and allowable by the applicable County Engineer or other applicable authorities to the highway or railroad right-of-way. The only exceptions may be at jogs or weaves on the highway alignment or along highways or railroads where transmission and distribution lines are already present.
- C. When it is not possible to locate Aboveground Cable next to highway or railroad right-of-way, Best Efforts shall be expended to place all support poles in such a manner to minimize their placement on Cropland (i.e., longer than normal above ground spans shall be utilized when traversing Cropland).

2. Aboveground Facilities

Locations for facilities shall be selected in a manner that is as unobtrusive as reasonably possible to ongoing agricultural activities occurring on the land that contains or is adjacent to the Facility.

3. Guy Wires and Anchors

Best Efforts shall be made to place guy wires and their anchors, if used, out of Cropland, pastureland and hayland, placing them instead along existing utilization lines and on land other than Cropland. Where this is not feasible, Best Efforts shall be made to minimize guy wire impact on Cropland. All guy wires shall be shielded with highly visible guards.

4. Underground Cabling Depth

- A. Underground electrical cables located outside the perimeter of the (fence) of the solar panels shall be buried with:
 - 1. a minimum of 5 feet of top cover where they cross Cropland.
 - 2. a minimum of 5 feet of top cover where they cross pastureland or other non-Cropland classified as Prime Farmland.
 - 3. a minimum of 3 feet of top cover where they cross pastureland and other Agricultural Land not classified as Prime Farmland.

Standard Solar Agricultural Impact Mitigation Agreement

4. a minimum of 3 feet of top cover where they cross wooded/brushy land.
 - B. Provided that the Facility Owner removes the cables during Deconstruction, underground electric cables may be installed to a minimum depth of 18 inches:
 1. Within the fenced perimeter of the Facility; or
 2. When buried under an access road associated with the Facility provided that the location and depth of cabling is clearly marked at the surface.
 - C. If Underground Cables within the fenced perimeter of the solar panels are installed to a minimum depth of 5 feet, they may remain in place after Deconstruction.
- 5. Topsoil Removal and Replacement**
- A. Any excavation shall be performed in a manner to preserve topsoil. Best Efforts shall be made to store the topsoil near the excavation site in such a manner that it will not become intermixed with subsoil materials.
 - B. Best Efforts shall be made to store all disturbed subsoil material near the excavation site and separate from the topsoil.
 - C. When backfilling an excavation site, Best Efforts shall be used to ensure the stockpiled subsoil material will be placed back into the excavation site before replacing the topsoil.
 - D. Refer to Section 7 for procedures pertaining to rock removal from the subsoil and topsoil.
 - E. Refer to Section 8 for procedures pertaining to the repair of compaction and rutting of the topsoil.
 - F. Best Efforts shall be performed to place the topsoil in a manner so that after settling occurs, the topsoil's original depth and contour will be restored as close as reasonably practicable. The same shall apply where excavations are made for road, stream, drainage ditch, or other crossings. In no instance shall the topsoil materials be used for any other purpose unless agreed to explicitly and in writing by the Landowner.
 - G. Based on the mutual agreement of the landowner and Facility Owner, excess soil material resulting from solar facility excavation shall either be removed or stored on the Landowner's property and reseeded per the applicable National Pollution Discharge Elimination System (NPDES) permit/Stormwater Pollution Prevention Plan (SWPPP). After the Facility reaches the end of its Useful Life, the excess subsoil material shall be returned to an excavation site or removed from the Landowner's property, unless otherwise agreed to by Landowner.
- 6. Rerouting and Permanent Repair of Agricultural Drainage Tiles**
- The following standards and policies shall apply to underground drainage tile line(s) directly or indirectly affected by Construction and/or Deconstruction:
- A. Prior to Construction, the Facility Owner shall work with the Landowner to identify drainage tile lines traversing the property subject to the Underlying Agreement to the extent reasonably practicable. All drainage tile lines identified in this manner shall be shown on the Construction and Deconstruction Plans.

Standard Solar Agricultural Impact Mitigation Agreement

B. The location of all drainage tile lines located adjacent to or within the footprint of the Facility shall be recorded using Global Positioning Systems (GPS) technology. Within 60 days after Construction is complete, the Facility Owner shall provide the Landowner, the IDOA, and the respective County Soil and Water Conservation District (SWCD) with "as built" drawings (strip maps) showing the location of all drainage tile lines by survey station encountered in the Construction of the Facility, including any tile line repair location(s), and any underground cable installed as part of the Facility.

C. Maintaining Surrounding Area Subsurface Drainage

If drainage tile lines are damaged by the Facility, the Facility Owner shall repair the lines or install new drainage tile line(s) of comparable quality and cost to the original(s), and of sufficient size and appropriate slope in locations that limit direct impact from the Facility. If the damaged tile lines cause an unreasonable disruption to the drainage system, as determined by the Landowner, then such repairs shall be made promptly to ensure appropriate drainage. Any new line(s) may be located outside of, but adjacent to the perimeter of the Facility. Disrupted adjacent drainage tile lines shall be attached thereto to provide an adequate outlet for the disrupted adjacent tile lines.

D. Re-establishing Subsurface Drainage Within Facility Footprint

Following Deconstruction and using Best Efforts, if underground drainage tile lines were present within the footprint of the facility and were severed or otherwise damaged during original Construction, facility operation, and/or facility Deconstruction, the Facility Owner shall repair existing drainage tiles or install new drainage tile lines of comparable quality and cost to the original, within the footprint of the Facility with sufficient capacity to restore the underground drainage capacity that existed within the footprint of the Facility prior to Construction. Such installation shall be completed within 12 months after the end of the useful life of the Facility and shall be compliant with Figures 1 and 2 to this Agreement or based on prudent industry standards if agreed to by Landowner.

E. If there is any dispute between the Landowner and the Facility Owner on the method of permanent drainage tile line repair, the appropriate County SWCD's opinion shall be considered by the Facility Owner and the Landowner.

F. During Deconstruction, all additional permanent drainage tile line repairs beyond those included above in Section 6.D. must be made within 30 days of identification or notification of the damage, weather and soil conditions permitting. At other times, such repairs must be made at a time mutually agreed upon by the Facility Owner and the Landowner. If the Facility Owner and Landowner cannot agree upon a reasonable method to complete this restoration, the Facility Owner may implement the recommendations of the appropriate County SWCD and such implementation constitutes compliance with this provision.

G. Following completion of the work required pursuant to this Section, the Facility Owner shall be responsible for correcting all drainage tile line repairs that fail due to Construction and/or Deconstruction for one year following the completion of Construction or Deconstruction, provided those repairs were made by the Facility Owner. The Facility Owner shall not be responsible for drainage tile repairs that the Facility Owner pays the Landowner to perform.

Standard Solar Agricultural Impact Mitigation Agreement

7. Rock Removal

With any excavations, the following rock removal procedures pertain only to rocks found in the uppermost 42 inches of soil, the common freeze zone in Illinois, which emerged or were brought to the site as a result of Construction and/or Deconstruction.

- A. Before replacing any topsoil, Best Efforts shall be taken to remove all rocks greater than 3 inches in any dimension from the surface of exposed subsoil which emerged or were brought to the site as a result of Construction and/or Deconstruction.
- B. If trenching, blasting, or boring operations are required through rocky terrain, precautions shall be taken to minimize the potential for oversized rocks to become interspersed in adjacent soil material.
- C. Rocks and soil containing rocks removed from the subsoil areas, topsoil, or from any excavations, shall be removed from the Landowner's premises or disposed of on the Landowner's premises at a location that is mutually acceptable to the Landowner and the Facility Owner.

8. Repair of Compaction and Rutting

- A. Unless the Landowner opts to do the restoration work on compaction and rutting, after the topsoil has been replaced post-Deconstruction, all areas within the boundaries of the Facility that were traversed by vehicles and Construction and/or Deconstruction equipment that exhibit compaction and rutting shall be restored by the Facility Owner. All prior Cropland shall be ripped at least 18 inches deep or to the extent practicable, and all pasture and woodland shall be ripped at least 12 inches deep or to the extent practicable. The existence of drainage tile lines or underground utilities may necessitate less ripping depth. The disturbed area shall then be disked.
- B. All ripping and disking shall be done at a time when the soil is dry enough for normal tillage operations to occur on Cropland adjacent to the Facility.
- C. The Facility Owner shall restore all rutted land to a condition as close as possible to its original condition upon Deconstruction, unless necessary earlier as determined by the Landowner.
- D. If there is any dispute between the Landowner and the Facility Owner as to what areas need to be ripped/disked or the depth at which compacted areas should be ripped/disked, the appropriate County SWCD's opinion shall be considered by the Facility Owner and the Landowner.

9. Construction During Wet Weather

Except as provided below, construction activities are not allowed on agricultural land during times when normal farming operations, such as plowing, disking, planting or harvesting, cannot take place due to excessively wet soils. With input from the landowner, wet weather conditions may be determined on a field by field basis.

- A. Construction activities on prepared surfaces, surfaces where topsoil and subsoil have been removed, heavily compacted in preparation, or otherwise stabilized (e.g. through cement mixing) may occur at the discretion of the Facility Owner in wet weather conditions.

Standard Solar Agricultural Impact Mitigation Agreement

- B. Construction activities on unprepared surfaces will be done only when work will not result in rutting which may mix subsoil and topsoil. Determination as to the potential of subsoil and topsoil mixing will be made in consultation with the underlying Landowner, or, if approved by the Landowner, his/her designated tenant or designee.

10. Prevention of Soil Erosion

- A. The Facility Owner shall work with Landowners and create and follow a SWPPP to prevent excessive erosion on land that has been disturbed by Construction or Deconstruction of a Facility.
- B. If the Landowner and Facility Owner cannot agree upon a reasonable method to control erosion on the Landowner's property, the Facility Owner shall consider the recommendations of the appropriate County SWCD to resolve the disagreement.
- C. The Facility Owner may, per the requirements of the project SWPPP and in consultation with the Landowner, seed appropriate vegetation around all panels and other facility components to prevent erosion. The Facility Owner must utilize Best Efforts to ensure that all seed mixes will be as free of any noxious weed seeds as possible. The Facility Owner shall consult with the Landowner regarding appropriate varieties to seed.

11. Repair of Damaged Soil Conservation Practices

Consultation with the appropriate County SWCD by the Facility Owner shall be carried out to determine if there are soil conservation practices (such as terraces, grassed waterways, etc.) that will be damaged by the Construction and/or Deconstruction of the Facility. Those conservation practices shall be restored to their preconstruction condition as close as reasonably practicable following Deconstruction in accordance with USDA NRCS technical standards. All repair costs shall be the responsibility of the Facility Owner.

12. Compensation for Damages to Private Property

The Facility Owner shall reasonably compensate Landowners for damages caused by the Facility Owner. Damage to Agricultural Land shall be reimbursed to the Landowner as prescribed in the applicable Underlying Agreement.

13. Clearing of Trees and Brush

- A. If trees are to be removed for the Construction or Deconstruction of a Facility, the Facility Owner shall consult with the Landowner to determine if there are trees of commercial or other value to the Landowner.
- B. If there are trees of commercial or other value to the Landowner, the Facility Owner shall allow the Landowner the right to retain ownership of the trees to be removed and the disposition of the removed trees shall be negotiated prior to the commencement of land clearing.

14. Access Roads

- A. To the extent practicable, access roads shall be designed to not impede surface drainage and shall be built to minimize soil erosion on or near the access roads.

Standard Solar Agricultural Impact Mitigation Agreement

- B. Access roads may be left intact during Construction, operation or Deconstruction through mutual agreement of the Landowner and the Facility Owner unless otherwise restricted by federal, state, or local regulations.
- C. If the access roads are removed, Best Efforts shall be expended to assure that the land shall be restored to equivalent condition(s) as existed prior to their construction, or as otherwise agreed to by the Facility Owner and the Landowner. All access roads that are removed shall be ripped to a depth of 18 inches. All ripping shall be performed consistent with Section 8.

15. Weed/Vegetation Control

- A. The Facility Owner shall provide for weed control in a manner that prevents the spread of weeds. Chemical control, if used, shall be done by an appropriately licensed pesticide applicator.
- B. The Facility Owner shall be responsible for the reimbursement of all reasonable costs incurred by owners of agricultural land where it has been determined by the appropriate state or county entity that weeds have spread from the Facility to their property. Reimbursement is contingent upon written notice to the Facility Owner. Facility Owner shall reimburse the property owner within 45 days after notice is received.
- C. The Facility Owner shall ensure that all vegetation growing within the perimeter of the Facility is properly and appropriately maintained. Maintenance may include, but not be limited to, mowing, trimming, chemical control, or the use of livestock as agreed to by the Landowner.
- D. The Deconstruction plans must include provisions for the removal of all weed control equipment used in the Facility, including weed-control fabrics or other ground covers.

16. Indemnification of Landowners

The Facility Owner shall indemnify all Landowners, their heirs, successors, legal representatives, and assigns from and against all claims, injuries, suits, damages, costs, losses, and reasonable expenses resulting from or arising out of the Commercial Solar Energy Facility, including Construction and Deconstruction thereof, and also including damage to such Facility or any of its appurtenances, except where claims, injuries, suits, damages, costs, losses, and expenses are caused by the negligence or intentional acts, or willful omissions of such Landowners, and/or the Landowners heirs, successors, legal representatives, and assigns.

17. Deconstruction Plans and Financial Assurance of Commercial Solar Energy Facilities

- A. Deconstruction of a Facility shall include the removal/disposition of all solar related equipment/facilities, including the following utilized for operation of the Facility and located on Landowner property:
 - 1. Solar panels, cells and modules;
 - 2. Solar panel mounts and racking, including any helical piles, ground screws, ballasts, or other anchoring systems;
 - 3. Solar panel foundations, if used (to depth of 5 feet);

Standard Solar Agricultural Impact Mitigation Agreement

4. Transformers, inverters, energy storage facilities, or substations, including all components and foundations; however, Underground Cables at a depth of 5 feet or greater may be left in place;
 5. Overhead collection system components;
 6. Operations/maintenance buildings, spare parts buildings and substation/switching gear buildings unless otherwise agreed to by the Landowner;
 7. Access Road(s) unless Landowner requests in writing that the access road is to remain;
 8. Operation/maintenance yard/staging area unless otherwise agreed to by the Landowner; and
 9. Debris and litter generated by Deconstruction and Deconstruction crews.
- B. The Facility Owner shall, at its expense, complete Deconstruction of a Facility within twelve (12) months after the end of the useful life of the Facility.
- C. During the County permit process, or if none, then prior to the commencement of construction, the Facility Owner shall file with the County a Deconstruction Plan. The Facility Owner shall file an updated Deconstruction Plan with the County on or before the end of the tenth year of commercial operation.
- D. The Facility Owner shall provide the County with Financial Assurance to cover the estimated costs of Deconstruction of the Facility. Provision of this Financial Assurance shall be phased in over the first 11 years of the Project's operation as follows:
1. On or before the first anniversary of the Commercial Operation Date, the Facility Owner shall provide the County with Financial Assurance to cover ten (10) percent of the estimated costs of Deconstruction of the Facility as determined in the Deconstruction Plan.
 2. On or before the sixth anniversary of the Commercial Operation Date, the Facility Owner shall provide the County with Financial Assurance to cover fifty (50) percent of the estimated costs of Deconstruction of the Facility as determined in the Deconstruction Plan.
 3. On or before the eleventh anniversary of the Commercial Operation Date, the Facility Owner shall provide the County with Financial Assurance to cover one hundred (100) percent of the estimated costs of Deconstruction of the Facility as determined in the updated Deconstruction Plan provided during the tenth year of commercial operation.

The Financial Assurance shall not release the surety from liability until the Financial Assurance is replaced. The salvage value of the Facility may only be used to reduce the estimated costs of Deconstruction if the County agrees that all interests in the salvage value are subordinate or have been subordinated to that of the County if Abandonment occurs.

Standard Solar Agricultural Impact Mitigation Agreement

- E. The County may, but is not required to, reevaluate the estimated costs of Deconstruction of any Facility after the tenth anniversary, and every five years thereafter, of the Commercial Operation Date. Based on any reevaluation, the County may require changes in the level of Financial Assurance used to calculate the phased Financial Assurance levels described in Section 17.D. required from the Facility Owner. If the County is unable to its satisfaction to perform the investigations necessary to approve the Deconstruction Plan filed by the Facility Owner, then the County and Facility may mutually agree on the selection of a Professional Engineer independent of the Facility Owner to conduct any necessary investigations. The Facility Owner shall be responsible for the cost of any such investigations.
- F. Upon Abandonment, the County may take all appropriate actions for Deconstruction including drawing upon the Financial Assurance.

Concurrence of the Parties to this AIMA

The Illinois Department of Agriculture and Skystone Solar, LLC concur that this AIMA is the complete AIMA governing the mitigation of agricultural impacts that may result from the Construction and Deconstruction of the solar farm project in McHenry County within the State of Illinois.

The effective date of this AIMA commences on the date of execution.

**STATE OF ILLINOIS
DEPARTMENT OF AGRICULTURE**



By: Jerry Costello II, Director

Skystone Solar, LLC

Signed by:



By Paul Bottum, Authorized Person



By Clay Nordsiek, Deputy General Counsel

Address

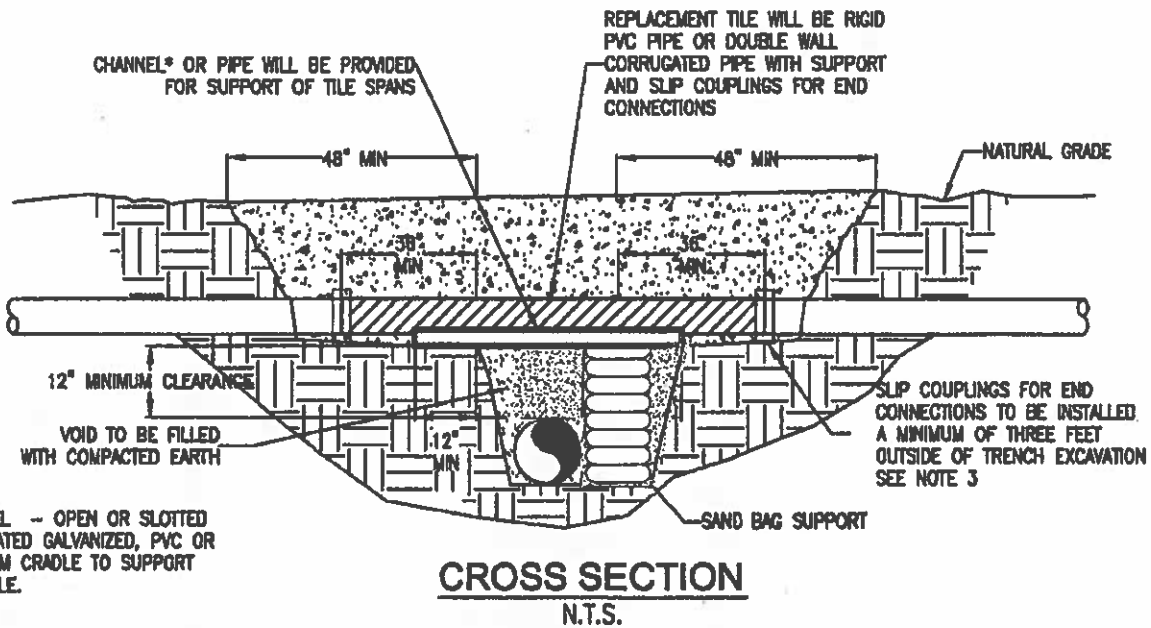
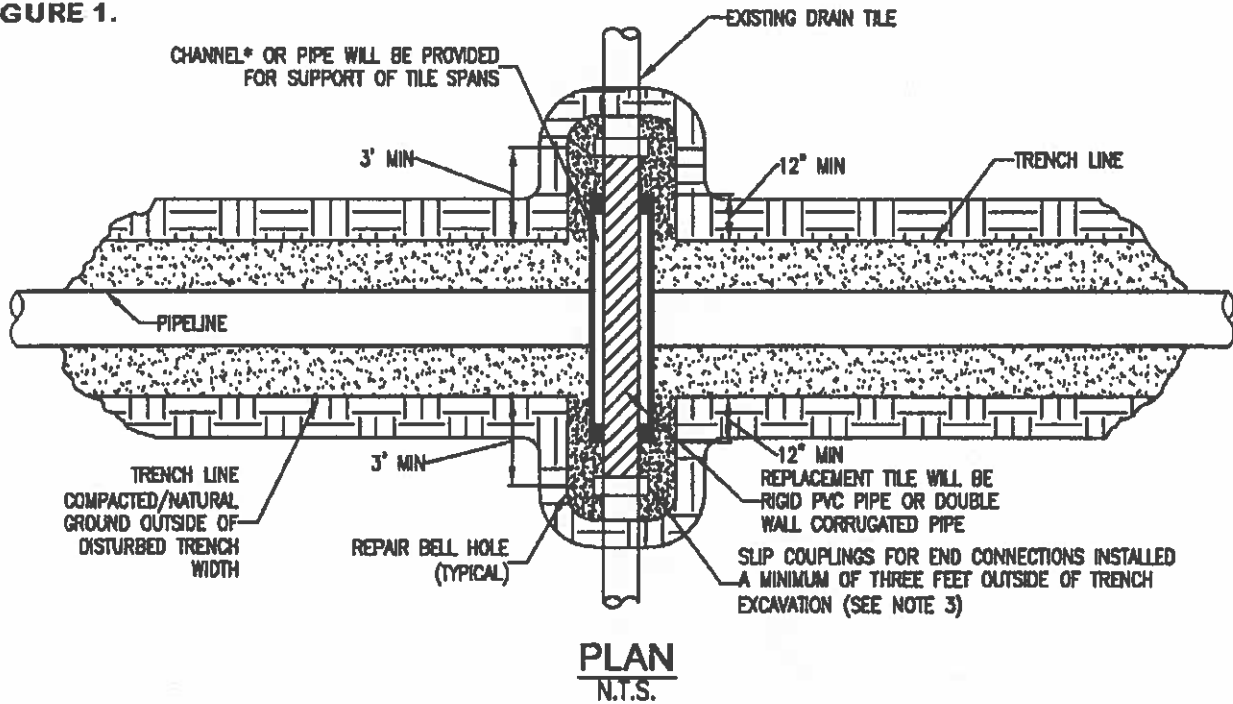
30 W Hubbard St., Ste 400
Chicago, IL 60654

801 E. Sangamon Avenue,
State Fairgrounds, POB 19281
Springfield, IL 62794-9281

April 14, 2025

4/22, 2025

FIGURE 1.



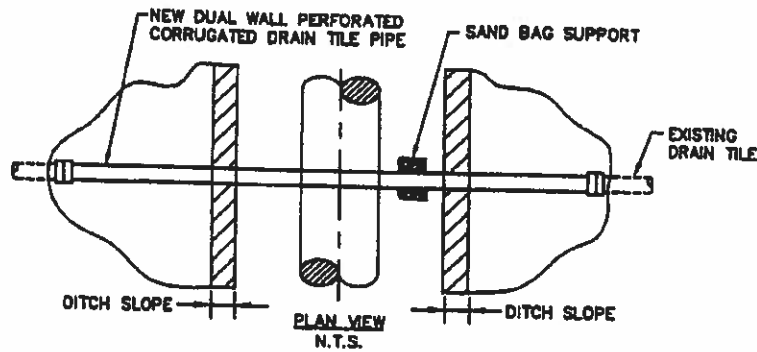
*CHANNEL - OPEN OR SLOTTED CORRUGATED GALVANIZED, PVC OR ALUMINUM CRADLE TO SUPPORT DRAIN TILE.

NOTE:

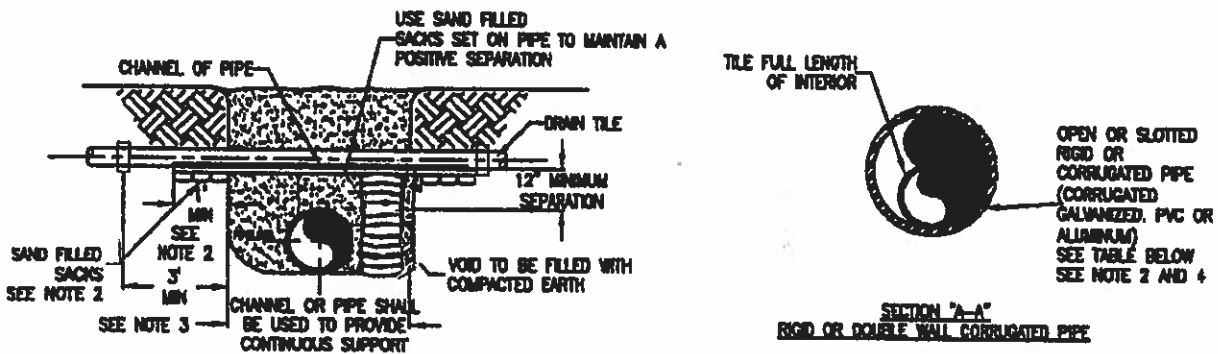
1. IMMEDIATELY REPAIR TILE IF WATER IS FLOWING THROUGH TILE AT TIME OF TRENCHING. IF NO WATER IS FLOWING AND TEMPORARY REPAIR IS DELAYED, OR NOT MADE BY THE END OF THE WORK DAY, A SCREEN OR APPROPRIATE 'NIGHT CAP' SHALL BE PLACED ON OPEN ENDS OF TILE TO PREVENT ENTRAPMENT OF ANIMALS ETC.
2. CHANNEL OR PIPE (OPEN OR SLOTTED) MADE OF CORRUGATED GALVANIZED PIPE, PVC OR ALUMINUM WILL BE USED FOR SUPPORT OF DRAIN TILE SPANS.
3. INDUSTRY STANDARDS SHALL BE FOLLOWED TO ENSURE PROPER SEAL OF REPAIRED DRAIN TILES.

TEMPORARY DRAIN TILE REPAIR

FIGURE 2.



PLAN VIEW



END VIEWS

MINIMUM SUPPORT TABLE				
TILE SIZE	CHANNEL SIZE		PIPE SIZE	
3"	4" @ 5.4	#R	4"	STD. WT.
4"-5"	5" @ 6.7	#R	8"	STD. WT.
8"-9"	7" @ 9.8	#R	9"-10"	STD. WT.
10"	10" @ 15.3	#R	12"	STD. WT.

NOTE:

1. TILE REPAIR AND REPLACEMENT SHALL MAINTAIN ORIGINAL ALIGNMENT GRADIENT AND WATER FLOW TO THE GREATEST EXTENT POSSIBLE. IF THE TILE NEEDS TO BE RELOCATED, THE INSTALLATION ANGLE MAY VARY DUE TO SITE SPECIFIC CONDITIONS AND LANDOWNER RECOMMENDATIONS.
2. 1'-0" MINIMUM LENGTH OF CHANNEL OR RIGID PIPE (OPEN OR SLOTTED CORRUGATED GALVANIZED, PVC OR ALUMINUM CRADLE) SHALL BE SUPPORTED BY UNDISTURBED SOIL, OR IF CROSSING IS NOT AT RIGHT ANGLES TO PIPELINE, EQUIVALENT LENGTH PERPENDICULAR TO TRENCH. SHIM WITH SAND BAGS TO UNDISTURBED SOIL FOR SUPPORT AND DRAINAGE GRADIENT MAINTENANCE (TYPICAL BOTH SIDES).
3. DRAIN TILES WILL BE PERMANENTLY CONNECTED TO EXISTING DRAIN TILES A MINIMUM OF THREE FEET OUTSIDE OF EXCAVATED TRENCH LINE USING INDUSTRY STANDARDS TO ENSURE PROPER SEAL OF REPAIRED DRAIN TILES INCLUDING SLIP COUPLINGS.
4. DIAMETER OF RIGID PIPE SHALL BE OF ADEQUATE SIZE TO ALLOW FOR THE INSTALLATION OF THE TILE FOR THE FULL LENGTH OF THE RIGID PIPE.
5. OTHER METHODS OF SUPPORTING DRAIN TILE MAY BE USED IF ALTERNATE PROPOSED IS EQUIVALENT IN STRENGTH TO THE CHANNEL/PIPE SECTIONS SHOWN AND IF APPROVED BY COMPANY REPRESENTATIVES AND LANDOWNER IN ADVANCE. SITE SPECIFIC ALTERNATE SUPPORT SYSTEM TO BE DEVELOPED BY COMPANY REPRESENTATIVES AND FURNISHED TO CONTRACTOR FOR SPANS IN EXCESS OF 20', TILE GREATER THEN 10" DIAMETER, AND FOR "HEADER" SYSTEMS.
6. ALL MATERIAL TO BE FURNISHED BY CONTRACTOR.
7. PRIOR TO REPAIRING TILE, CONTRACTOR SHALL PROBE LATERALLY INTO THE EXISTING TILE TO FULL WIDTH OF THE RIGHTS OF WAY TO DETERMINE IF ADDITIONAL DAMAGE HAS OCCURRED. ALL DAMAGED/DISTURBED TILE SHALL BE REPAIRED AS NEAR AS PRACTICABLE TO ITS ORIGINAL OR BETTER CONDITION.

PERMANENT DRAIN TILE REPAIR



Exhibit I

Applicant: Korver Solar, LLC
Contact: Paul Bottum
Address: 7716 US Hwy 14
Crystal Lake, IL 60172

IDNR Project Number: 2604816
Date: 09/04/2025

Project: Korver Solar, LLC
Address: 7716 US Hwy 14, Crystal Lake

Description: 4MWac Community Solar facility

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Lake in the Hills Fen Class III Groundwater Site
Blanding's Turtle (*Emydoidea blandingii*)

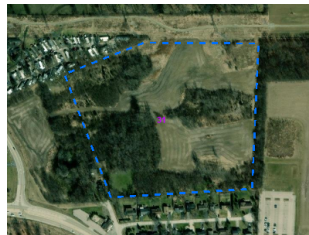
An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: McHenry

Township, Range, Section:
44N, 8E, 31



**IL Department of Natural Resources
Contact**
Isabella Newingham
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction
McHenry County Planning and Development
Kim Scharlow
667 Ware Rd
Woodstock, Illinois 60098

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.

2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.

3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.



EcoCAT Receipt	Project Code 2604816
-----------------------	-----------------------------

APPLICANT	DATE
------------------	-------------

Korver Solar, LLC
 Paul Bottum
 7716 US Hwy 14
 Crystal Lake, IL 60172

9/4/2025

DESCRIPTION	FEE	CONVENIENCE FEE	TOTAL PAID
--------------------	------------	------------------------	-------------------

EcoCAT Consultation	\$ 125.00	\$ 2.81	\$ 127.81
---------------------	-----------	---------	-----------

TOTAL PAID	\$ 127.81
------------	-----------

Illinois Department of Natural Resources
 One Natural Resources Way
 Springfield, IL 62702
 217-785-5500
dnr.ecocat@illinois.gov



September 10, 2025

Paul Bottum
Developer
7716 US Hwy 14
Crystal Lake, IL 60172

**RE: Korver Solar, LLC
Consultation Program
EcoCAT Review #2604816
McHenry County**

Dear Mr. Bottum:

The Department has received your submission for this project for the purposes of consultation pursuant to the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], and Title 17 *Illinois Administrative Code Part 1075*.

The proposed action consists of developing a 4MWac Community Solar facility.

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Illinois Nature Preserves Commission Lands
Lake in the Hills Fen Class 3 Groundwater (C3GW)

State Threatened or Endangered Species
Blanding's Turtle (*Emydoidea blandingii*)

Due to the project scope and proximity to protected resources the Department recommends the following actions be taken to avoid adversely impacting listed species and/or protected natural area in the vicinity of the project:

Lake in the Hills Fen C3GW

This project falls completely within the Lake in the Hills Fen Class 3 Groundwater recharge area, which protects the integrity of the Lake in the Hills Fen Nature Preserve. The modification of groundwater quality and quantity which may affect conditions within a Nature Preserve is prohibited. The Department recommends the following to avoid and minimize impact to Lake in the Hills Fen Class 3 Groundwater:

- Use the lightest weight equipment possible to complete the job.
- Balloon or large tires should be used whenever possible to reduce compaction.
- Disc site upon completion to de-compact the surface after final soil is placed to ensure good infiltration.
- Naturalized permeable basins and swales should be part included in the design.

Blanding's Turtle

EcoCAT has indicated records for the state-listed Blanding's Turtle in vicinity of the project area. The Blanding's Turtle forages and hibernates in wetlands and, depending on the temperature, emerges in the spring with upland nesting occurring in open fields, preferably in sandy soils in late spring or early summer. The Department recommends:

- Install exclusionary silt fence by the end of March and maintain it through October (if needed) to prevent turtles from entering the construction area. Conduct daily inspections during construction to ensure that exclusionary fencing is properly installed (dug into the ground) and to check if turtles are present.
- Cover trenches at the end of each workday. Before starting each workday, trenches and excavations should be routinely inspected to ensure no turtles (or other amphibians and reptiles) have become trapped within them.

Given the above recommendations are adopted the Department has determined that impacts to these protected resources are unlikely. The Department has determined impacts to other protected resources in the vicinity of the project location are also unlikely.

In accordance with 17 Ill. Adm. Code 1075.40(h), please notify the Department of your decision regarding these recommendations.

Consultation on the part of the Department is closed, unless the applicant desires additional information or advice related to this proposal. Consultation for Part 1075 is valid for two years unless new information becomes available which was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the action has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal and should not be regarded as a final statement on the project being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are unexpectedly encountered during the project's implementation, the applicant must comply with the applicable statutes and regulations.

This letter does not serve as permission to take any listed or endangered species. As a reminder, no take of an endangered species is permitted without an Incidental Take Authorization or the required permits. Anyone who takes a listed or endangered species without an Incidental Take Authorization or required permit may be subject to criminal and/or civil penalties pursuant to the

Illinois Endangered Species Act, the Fish and Aquatic Life Act, the Wildlife Code and other applicable authority.

The Department also offers the following conservation measures be considered to help protect native wildlife and enhance natural areas in the project area:

If temporary or permanent lighting is required, the Department recommends the following lighting recommendation to minimize adverse effects to wildlife:

- All lighting should be fully shielded fixtures that emit no light upward.
- Only “warm-white” or filtered LEDs (CCT < 3,000 K; S/P ratio < 1.2) should be used to minimize blue emission.
- Only light the exact space with the amount (lumens) needed to meet facility safety requirement.
- If LEDs are to be used, avoid the temptation to over-light based on the higher luminous efficiency of LEDs.

If erosion control blanket is to be used, the Department also recommends that wildlife-friendly plastic-free blanket be used around wetlands and adjacent to natural areas, if not feasible to implement project wide, to prevent the entanglement of native wildlife.

Please contact Grant Gebhards (grant.m.gebhards@illinois.gov) with any questions about this review.

Sincerely,



Bradley Hayes
Manager, Impact Assessment Section
Division of Real Estate Services and Consultation
Office of Realty & Capital Planning
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
Bradley.Hayes@Illinois.gov
Phone: (217) 782-0031



Exhibit J

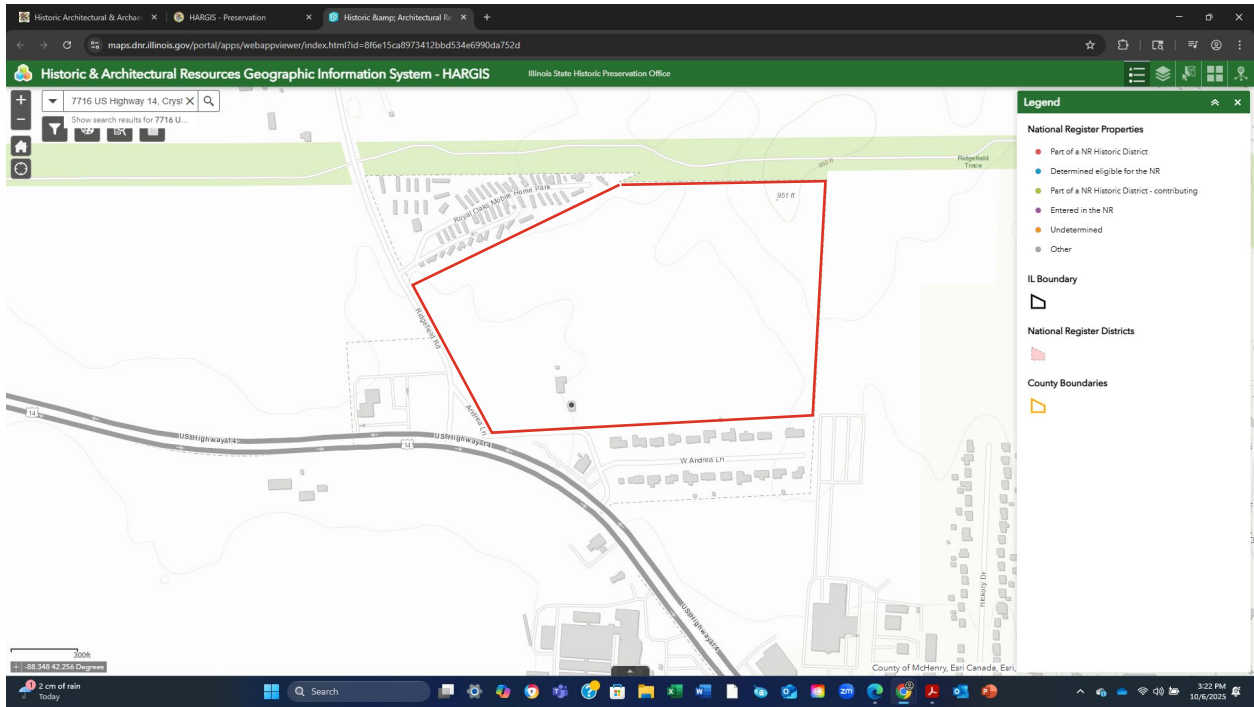




Exhibit K

Construction, Maintenance, and Traffic

Construction Timeline

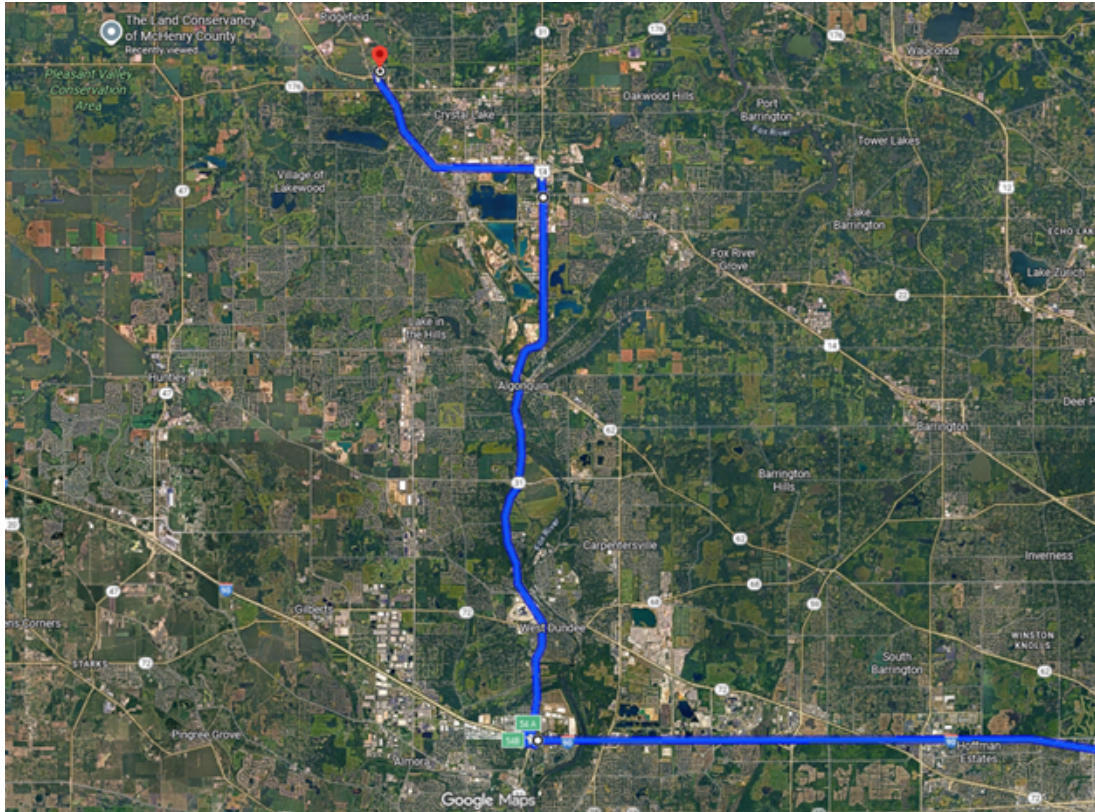
The construction is expected to take approximately 20-26 weeks using standard solar construction procedures. ComEd's engineering, procurement, and construction of the interconnection facilities will take 6-12 months total and will be completed in coordination with solar farm construction. Finally, the solar farm will go through 1-3 months of commissioning before reaching commercial operation.

Traffic Overview

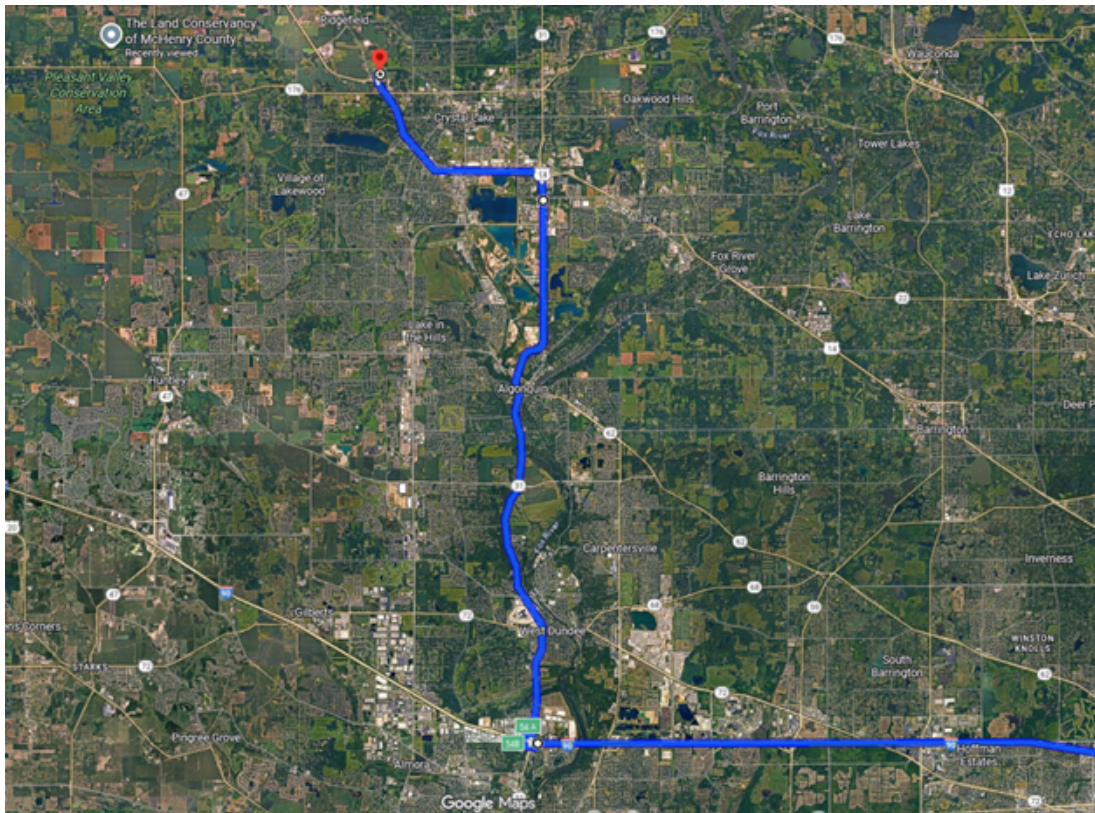
Anticipated construction traffic includes:

1. Major Deliveries during the first 1-2 months:
 - a. 18-wheeler 50' trailers or flat beds for:
 - i. 3-4 deliveries for modules once a day for a week
 - ii. 1 delivery for inverters
 - iii. 1 delivery for transformers
 - iv. 1 delivery for switchgear
 - v. 1 delivery for other electrical equipment
 - vi. 3-4 deliveries for racking once a day for a week
 - b. (2) 5-ton pile drivers
 - c. (2) 5-ton construction extension fork lifts
 - d. (2) 20–30-ton excavators
2. Construction duration/personnel – 20-24 workers on site per day for 4-6 months during construction period. Construction Managers and workers usually drive passenger vehicles.
3. There will be no overweight/heavyweight loads exceeding 80,000 pounds during the delivery of the material and equipment for the construction of the site.

Korver Solar Haul Route

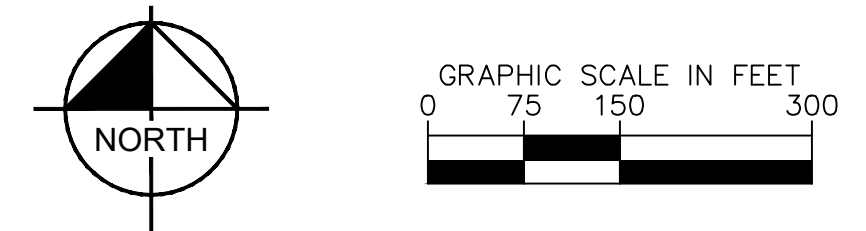
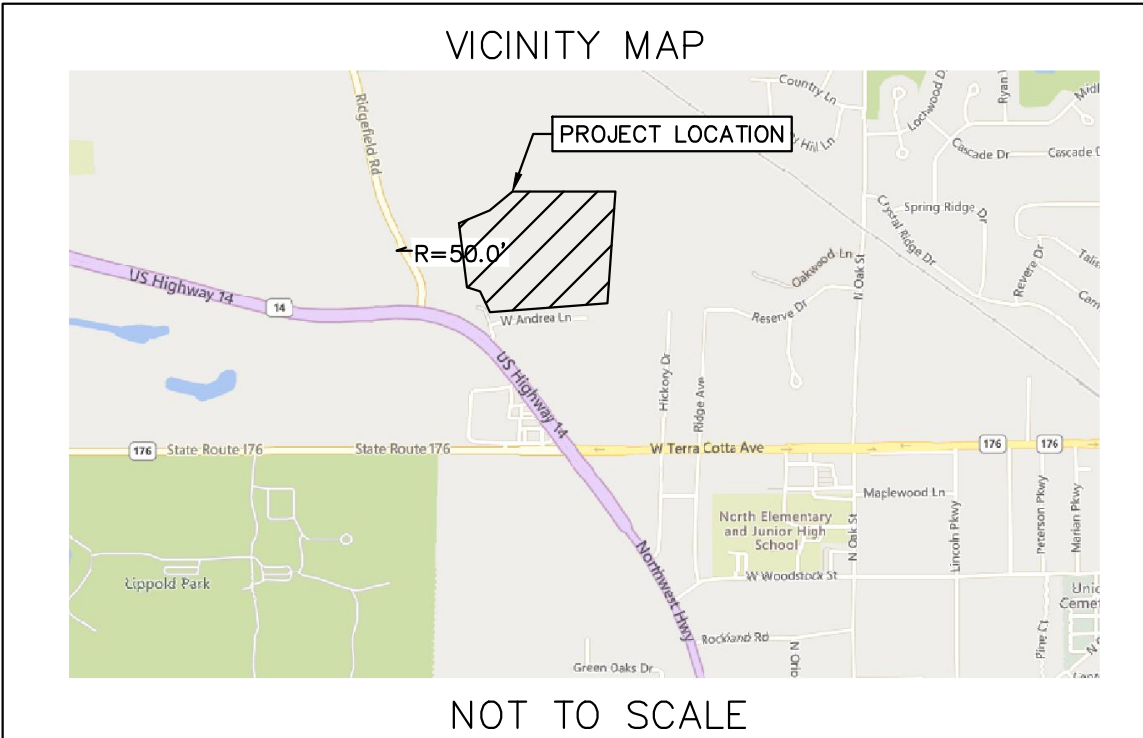
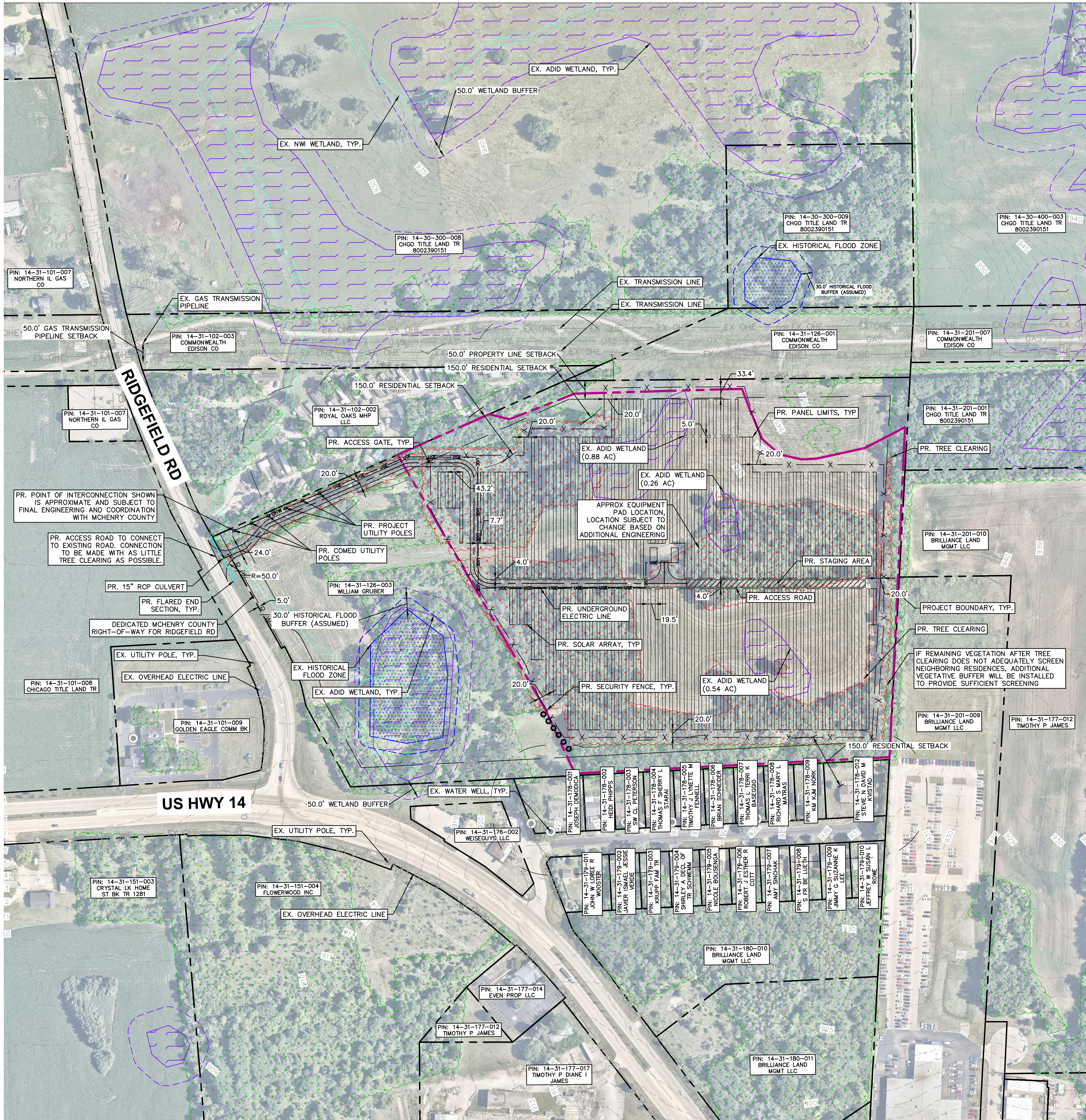


Entrance Route: Interstate 90 -> Exit 54 -> IL-31 N -> US 14 W to Ridgefield Rd North



Exit Route: Ridgefield Rd South -> IL-14 E -> IL-31 S -> Interstate 90

Drawing name: K:\GIS_DEVA\26826260_Cultivate_Korver\2. Design\CAD\Submittals\Zoning_Site Plan.dwg Layout1 Jan 23, 2025 2:32pm by James Elliott
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of any improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



LEGEND

PROJECT BOUNDARY	
ROAD CENTERLINE (TRACED PER AERIAL)	
ROAD LABEL	
PROPERTY LINE (PER MCHENRY COUNTY GIS 09/09/2025)	
PROPERTY LINE SETBACK (PER MCHENRY COUNTY ZONING ORDINANCE)	
RESIDENTIAL STRUCTURE SETBACK (PER MCHENRY COUNTY ZONING ORDINANCE)	
EX. RESIDENCE/STRUCTURE (TRACED PER AERIAL)	
DEDICATED RIDGEFIELD RD RIGHT-OF-WAY	
EX. OVERHEAD ELECTRIC (TRACED PER AERIAL)	
EX. UTILITY POLE (TRACED PER AERIAL)	
EX. VEGETATION AREA (TRACED PER AERIAL)	
EX. NW WETLAND (DOWNLOADED PER NWI ON 09/08/2025)	
NWI WETLAND BUFFER (PER MCHENRY COUNTY STORMWATER ORDINANCE)	
EX. ADDID WETLAND (DOWNLOADED PER MCHENRY COUNTY GIS ON 09/08/2025)	
ADDID WETLAND BUFFER (PER MCHENRY COUNTY STORMWATER ORDINANCE)	
EX. HISTORICAL FLOOD ZONES (TRACED PER MCHENRY COUNTY GIS)	
EX. HISTORICAL FLOOD ZONES BUFFER (ASSUMED)	
EX. GAS TRANSMISSION PIPELINE (PER NATIONAL PIPELINE MAPPING SYSTEM ON 09/08/2025)	
EX. GAS TRANSMISSION PIPELINE BUFFER	
EX. CONTOURS	
EX. FLOW DIRECTION AND SLOPE	
EX. WELLS	
PR. TREE CLEARING	
PR. FENCE	
PR. PANEL LIMITS	
PR. OVERHEAD ELECTRIC	
PR. UNDERGROUND ELECTRIC	
PR. GRAVEL ACCESS ROAD	
PR. UTILITY POLE	
PR. EQUIPMENT PAD	
PR. SOLAR ARRAY	
PR. STAGING AREA	
PR. VEGETATIVE SCREENING	
PR. 15" RCP CULVERT	

- ### NOTES
- THE PURPOSE OF THIS PLAN IS FOR SPECIAL USE PERMIT REVIEW AND APPROVAL BY MCHENRY COUNTY TO CONSTRUCT A SOLAR ENERGY SYSTEM.
 - THIS PLAN WAS PRODUCED UTILIZING GIS RESOURCES AND INFORMATION FROM MULTIPLE SOURCES, INCLUDING MCHENRY COUNTY, GOOGLE EARTH, NATIONAL WETLAND MAPPING INVENTORY, AND USGS TOPOGRAPHIC INFORMATION.
 - SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON THE FLOOD INSURANCE RATE MAP (COMMUNITY PANEL 1711C0215J) PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).
 - THE LOCATIONS OF PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: ACCESS ROAD, FENCING, SOLAR ARRAY RACKING, INVERTER/TRANSFORMER PADS, OVERHEAD POLES AND LINES, ETC., SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, EQUIPMENT SPECIFICATIONS, AND/OR OTHER CONSTRAINTS DURING FINAL ENGINEERING.
 - STORMWATER MANAGEMENT FACILITIES TO BE PROVIDED AS REQUIRED BY COUNTY AND/OR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMITTING. REQUIREMENTS TO BE DETERMINED DURING FINAL ENGINEERING.
 - A SOIL EROSION AND SEDIMENT CONTROL PLAN THAT MEETS THE NPDES STANDARDS WILL BE PROVIDED TO THE COUNTY DURING FINAL ENGINEERING.
 - SETBACKS SHOWN ON THIS PLAN ARE BASED ON MCHENRY COUNTY ZONING ORDINANCE.
 - THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL TRAFFIC MAY PROCEED NORMALLY AGAIN.
 - PANELS SHALL NOT EXCEED 20 FEET IN HEIGHT WHEN ORIENTED AT MAXIMUM TILT.
 - THE FACILITY WILL BE PLANTED WITH LOW-PROFILE NATIVE PRAIRIE SPECIES, USING A MIX APPROPRIATE FOR THE REGION AND SOIL CONDITIONS PER ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR) STANDARDS.
 - A FIELD WETLAND DELINEATION BY A LICENSED WETLAND SURVEYOR WILL BE COMPLETED PRIOR TO CONSTRUCTION. THE PROJECT WILL MITIGATE ANY IMPACTS TO WETLANDS THROUGH PERMITTING AND COORDINATION WITH THE APPROPRIATE AGENCIES PRIOR TO CONSTRUCTION.

SITE DATA TABLE

PR. #	14-31-126-003
PROPERTY OWNER	WILLIAM GRUBER
SITE ADDRESS	7716 US HWY 14, CRYSTAL LAKE, IL 60012
ZONING JURISDICTION	MCHENRY, IL
CURRENT LAND USE	RESIDENTIAL
PROPOSED USE	SOLAR ENERGY SYSTEM
PROJECT BOUNDARY AREA	24.0 ± AC
AREA WITHIN FENCE	20.4 ± AC
PRELIMINARY SOLAR AREA	16.6 ± AC
PR. TREE CLEARING AREA	12.8 ± AC
PROPERTY LINE/RIGHT OF WAY SETBACK	50 FT
OCCUPIED DWELLING SETBACK	150 FT
MWDC/MWAC	6.0/4.0
ESTIMATED NUMBER OF MODULES	9,925
GROUND COVER RATIO (GCR)	40%

No. _____ REVISIONS _____ DATE _____

No. _____ REVISIONS _____ DATE _____

CULTIVATE POWER

Kimley Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
570 LAKE COOK RD SUITE 200
DEERFIELD, IL 60015
WWW.KIMLEY-HORN.COM

ZONING SITE PLAN

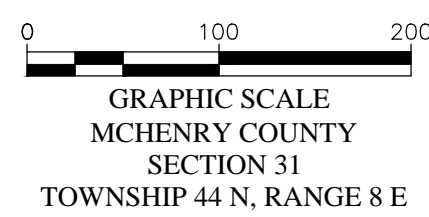
KHA PROJECT 268262060
ORIGINAL DATE 11/20/2025
SCALE AS SHOWN
DESIGNED BY SFH
DRAWN BY MAM
CHECKED BY CFC

PRELIMINARY NOT FOR CONSTRUCTION

KORVER SOLAR, LLC

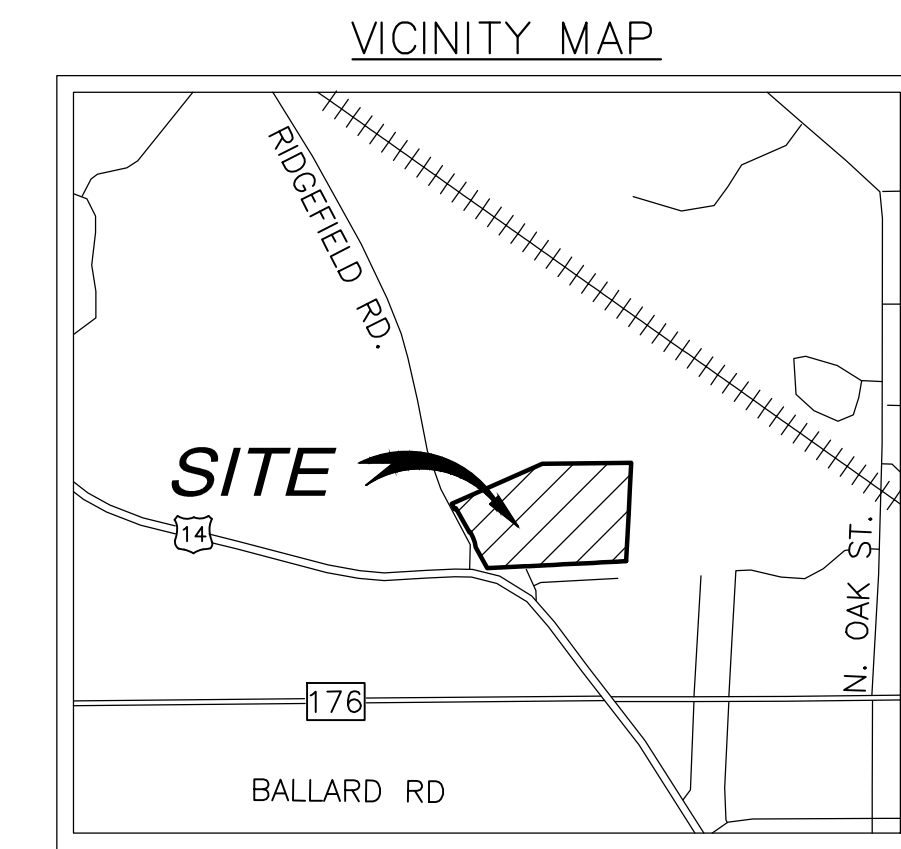
MCHENRY COUNTY, IL

SHEET NUMBER EX-1



PLAT OF SURVEY

PART OF SECTION 31, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE
THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, ILLINOIS



LEGEND AND ABBREVIATIONS:

● IRON PIPE FOUND	P.B.	PLAT BOOK
■ CONCRETE MONUMENT FOUND	PG.	PAGE
● REBAR FOUND	#	NUMBER
● DISK MONUMENT FOUND		
● REBAR SET	(XXX.XX)	RECORD
● FOUND IRON PIN	X.XX	MEASURED
● MONUMENT FOUND	ROW	RIGHT-OF-WAY
○ UTILITY POLE		
+		
⊗ FENCE POST		
⊗ CABLE MARKER		
⊗ CABLE PEDESTAL		
⊗ GAS MARKER		
⊗ GAS VALVE		
⊗ TEST STATION		
⊗ FIRE HYDRANT		
⊗ WATER METER		
⊗ TRAFFIC CONTROL BOX		
⊗ LAND HOOK		
---	SUBJECT PARCEL BOUNDARY	
---	EXISTING APPARENT RIGHT-OF-WAY	
---	ADJACENT TRACT LINES	
---	SECTION LINES	
---	OVERHEAD ELECTRIC LINE	
---	EXISTING EASEMENT	
---	STORM CULVERT	
---	WOOD FENCE	
---	BARBED WIRE FENCE	
---	TREELINE	
---	ASPHALT PAVEMENT	
---	GRAVEL	
---	BUILDING	

RECORD DESCRIPTIONS:

TRUSTEE'S DEED #2024R0002929: RECORDED MCHENRY COUNTY, ILLINOIS ON FEBRUARY 7, 2024.

THAT PART OF THE NORTHWEST QUARTER OF SECTION 31, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID NORTHWEST QUARTER; THENCE NORTH 89°48'05" WEST; 497.64 FEET ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER; THENCE SOUTH 66°50'02" WEST, 1,524.85 FEET TO THE CENTERLINE OF RIDGEFIELD ROAD; THENCE SOUTH 28°31'06" EAST, ALONG THE CENTERLINE OF RIDGEFIELD ROAD, 765.68 FEET TO THE INTERSECTION OF SAID CENTERLINE WITH THE WESTERLY EXTENSION OF THE NORTH LINE OF ANDREA SUBDIVISION; THENCE NORTH 87°37'17" EAST ALONG THE EXTENSION AND THE NORTH LINE OF ANDREA SUBDIVISION, 1,466.53 FEET TO THE NORTHEAST CORNER OF ANDREA SUBDIVISION; THENCE NORTH 3°15'00" EAST, 1,212.00 FEET TO THE PLACE OF BEGINNING, EXCEPT THE NORTH 190.00 FEET THEREOF, IN MCHENRY COUNTY, ILLINOIS; EXCEPT THAT PART THEREOF TAKEN BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS IN CASE NO. 12ED36, DESCRIBED AS FOLLOWS:

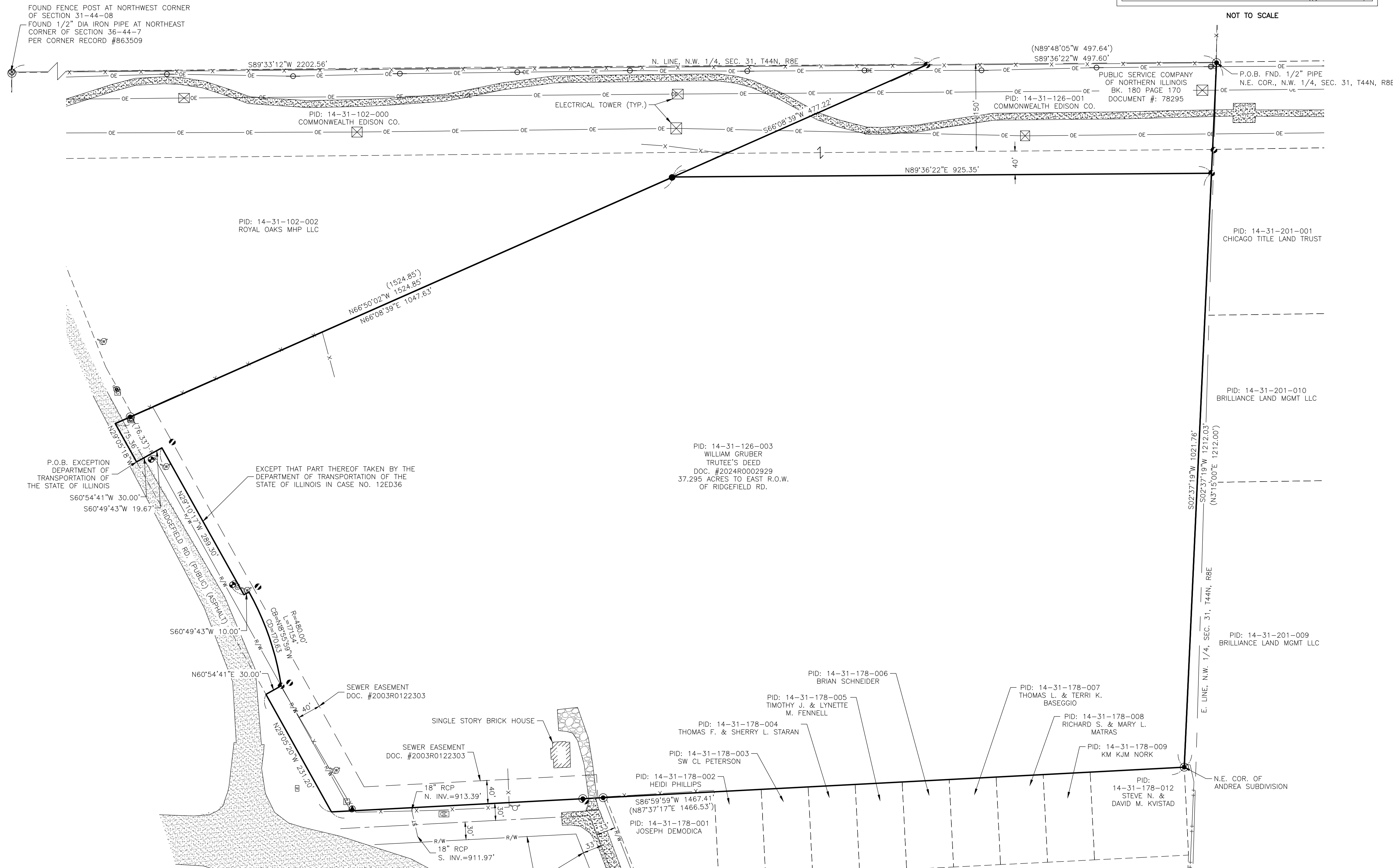
COMMENCING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 31; THENCE ON AN ASSUMED BEARING OF SOUTH 89°33'49" WEST ALONG THE NORTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 31, A DISTANCE OF 497.64 FEET; THENCE SOUTH 66°11'35" WEST, A DISTANCE OF 1525.24 FEET (1524.85 FEET, RECORDED) TO THE CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13), BEING ALSO THE MOST WESTERLY CORNER OF THE GRANTOR; THENCE SOUTH 29°08'53" EAST ALONG THE SAID CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13), BEING ALSO THE WESTERLY LINE OF THE GRANTOR, A DISTANCE OF 76.33 FEET TO THE POINT OF BEGINNING; THENCE NORTH 60°51'07" EAST, A DISTANCE OF 30.00 FEET TO THE EASTERLY RIGHT OF WAY LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13) RECORDED JUNE 10, 1937 AS DOCUMENT NUMBER 127151; THENCE NORTH 60°46'09" EAST, A DISTANCE OF 19.67 FEET; THENCE SOUTH 29°13'51" EAST, A DISTANCE OF 289.30 FEET; THENCE NORTH 60°46'09" EAST, A DISTANCE OF 10.00 FEET; THENCE SOUTHERLY 171.54 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 480.00 FEET, THE CHORD OF SAID CURVE BEARS SOUTH 18°59'33" EAST, 170.63 FEET TO THE SAID EASTERLY RIGHT OF WAY LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13); THENCE SOUTH 60°51'07" WEST, A DISTANCE OF 30.00 FEET TO THE SAID CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13); THENCE NORTH 29°08'53" WEST ALONG THE SAID CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13), A DISTANCE OF 457.22 FEET TO THE POINT OF BEGINNING.

GENERAL NOTES:

- BASIS OF BEARINGS DERIVED FROM THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (2011) AS SHOWN ON PLAT.
- THIS SURVEY WAS PERFORMED EXCLUSIVELY FOR THE PARTIES LISTED HEREON. THIS SURVEY REMAINS THE PROPERTY OF THE SURVEYOR. UNAUTHORIZED REUSE IS NOT PERMITTED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE SURVEYOR. THE USE OF THIS SURVEY BY ANYONE OTHER THAN THE CERTIFIED PARTIES OR FOR ANY UNINTENDED USE WILL NOT MAKE THE SURVEYOR LIABLE FOR ANY DAMAGES INCURRED.
- FIELD SURVEY COMPLETED: JANUARY 6, 2026

REFERENCES

TRUSTEE'S DEED, DOCUMENT #2024R0002929, RECORDED FEBRUARY 7, 2024
IDOT PLAT DOCUMENT NUMBER 199R0076695
EASEMENT DOCUMENT NUMBER 2003R1022303
WARRANTY DEED DATED MAY 5, 1927 AND RECORDED IN BOOK OF DEEDS 180, PAGE 170, AS DOCUMENT NUMBER 7829



CERTIFICATION:

TO CULTIVATE POWER AND THE FOREGOING PARTIES' SUCCESSORS AND/OR ASSIGNS, AS THEIR INTERESTS MAY APPEAR:
THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR A BOUNDARY SURVEY. THE FIELD WORK WAS COMPLETED ON JANUARY 6, 2026.

PRELIMINARY

WILLIAM J. FLEMING
PROFESSIONAL LAND SURVEYOR
NO. 035-003226-STATE OF ILLINOIS
LICENSE EXPIRES 10-30-26
BILL.FLEMING@SAM.BIZ

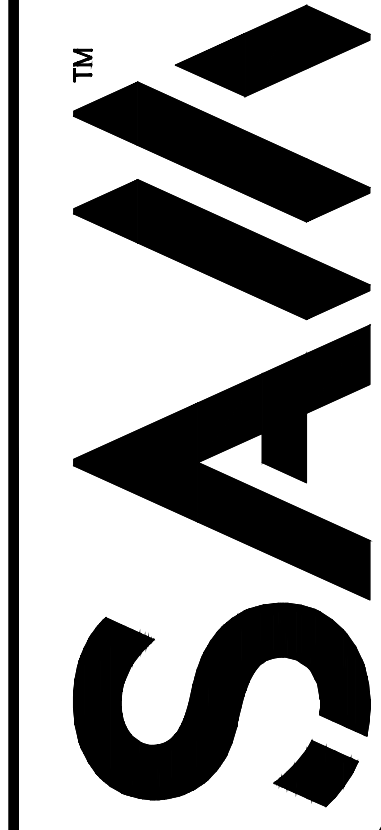


SHEET 1
OF 1

KORVER SOLAR
SITUATED IN CRYSTAL LAKE, ILLINOIS
COUNTY OF MCHENRY

PROJECT: CULTIVATE POWER
KORVER SOLAR
JOB NUMBER: 1025105180
DATE: 07/12/2026
SURVEYOR: WILLIAM FLEMING
TECHNICIAN: SAM WHITE
DRAWING: 105180-1B3E-USFT-PLAT.DWG
TRACT ID: 14-31-126-003
PARTY/CLIENT: JOSHUA SMITH
FILEBOOK: 4589

1834 Walden Office Square
Suite 150
Schamburg, IL 60173
Ofc: 224.404.1300
Email: info@sam.biz



PATH: \\SAMINC\STL\PROJECTS\1025105180-1B3E-USFT-PLAT.DWG

McHENRY~LAKE COUNTY SOIL & WATER CONSERVATION DISTRICT

NATURAL RESOURCES INFORMATION REPORT

25-088-4749

September 30, 2025



This report has been prepared for:
Korver Solar, LLC

Contact Person:
Paul Bottum

PREPARED BY:
McHENRY-LAKE COUNTY SOIL & WATER CONSERVATION
DISTRICT
1648 S. EASTWOOD DR.
WOODSTOCK, IL 60098
PHONE: (815) 338-0444

www.mchenryswcd.org

The McHenry-Lake County Soil & Water Conservation District
is an equal opportunity provider and employer.

EXECUTIVE SUMMARY OF NRI REPORT #25-088-4749

It is the opinion of the McHenry-Lake County Soil and Water Conservation District Board of Directors that this report as summarized on these pages are pertinent to the requested zoning change.





Picture 1: Looking east from the western property boundary.



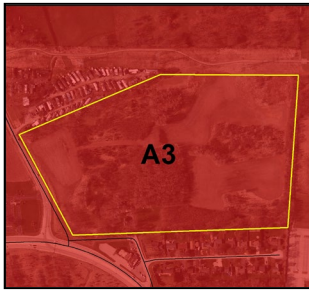
Picture 2: Looking east approximately 1/3 from the western property border.



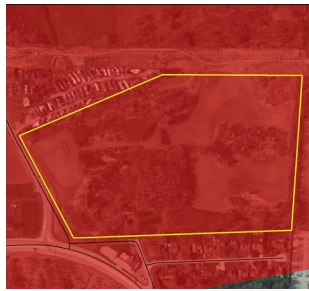
Picture 3: Looking south approximately 1/3 from the western property border.



Picture 4: Looking northeast approximately 1/3 from the western property border.



Aquifer Sensitivity Map (*This is the area beneath the soil profile down to bedrock)
 The Geologic features map indicates that the parcel is comprised of A3 geologic limitations. A3 has a high aquifer contamination potential.



Sensitive Aquifer Recharge Areas (Includes the soil profile and underlying geology).
 The Sensitive Aquifer Recharge Map indicates the parcel is within an area designated as Sensitive Aquifer Recharge (identified in red).



Soil Leachability Map (This is only the soil profile within the parcel from the surface down to approx. 5 feet).
 The Soil Leachability Index indicates 23.6 acres or 62.8% of the parcel contains high leachable soils, for fertilizers, on the parcel (identified in red).

Soil Permeability (This is only the soil profile within the parcel from the surface down to approx. 5 feet. Soil permeability is a reflection of the speed in which water (with or without pollutants) can move through the soil profile.)
 The USDA-NRCS Soil Survey Map of the area indicates there are 0.7 acres or 1.9% of highly permeable soils on the parcel.

Soil Limitations (This evaluates the parcel from the surface down to approximately 5 feet.):

Erosion Ratings

The NRCS Soils Survey indicates 9.7 acres or 25.7% of the parcel contains highly erodible soils.



Prime Farmland Soils

The Natural Resources Conservation Service (NRCS) Soil Survey indicates 24.9 acres or 66.1% of the parcel is comprised of prime farmland soils and 7.2 acres or 19.0% of the parcel is comprised of prime farmland if drained soils (identified in shades of green).



Ground-Based Solar Arrays

The Natural Resources Conservation Service (NRCS) Soil Survey indicates 18.1 acres or 48.0% of the parcel has very limited soils for ground-based solar arrays (identified in red).

Hydric Soils

The NRCS Soil Survey indicates there are no hydric soils on the parcel.

Floodplain Information:

The Flood Insurance Rate Map

Indicates the parcel is outside of the Zone A, 100-year floodplain.



Flood of Record Map (Hydrologic Atlas)

The Flood of Record Map for this area indicates that 0.39 acres of the site have previously flooded (identified in blue).

Wetland Information:



USDA-NRCS Wetland Inventory

The NRCS Wetlands Inventory identifies 3 farmed wetlands (FW) totaling 1.67 acres and 1.90 acres of farmed wetland pasture (FWP) on the parcel.



ADID Wetland Inventory

The ADID Wetland Study identifies 0.88 acres of farmed wetland L33, 0.26 acres of farmed wetland L35, 0.53 acres of farmed wetland L38, and 1.90 acres of wetland L37 on the parcel.

*As we were not provided with a copy, it is unclear if a wetland delineation has been completed. According to the zoning site plan, prepared by Kimley Horn, dated 9/18/2025, the wetlands indicated on the inventory will be impacted by the development. A wetland delineation will be required, and we recommend wetland avoidance.

Flooding Frequency

The NRCS Soil Survey indicates that flooding is not probable on the parcel. The chance of flooding is nearly 0% in any year. Flooding occurs less than once in 500 years.

Ponding Frequency

The NRCS Soil Survey indicates ponding is not probable. The chance of ponding is nearly 0 percent in any year.

Cultural Resources: Office maps indicate there are no known cultural/historical features within the parcel in question.



Preserved or Recognized Ecological Sites: Office maps indicate McHenry County Natural Area Inventory Site (NUN22) - West Crystal Lake Prairie, is north of the parcel. This wet silt loam prairie is threatened by water table alteration and brush encroachment.

Additionally, McHenry County Conservation District's Woodman Tract is east of the parcel, and the parcel is within the Lake in the Hills Fen Class III Groundwatershed. Information regarding this designation can be found at the end of this report.

Woodlands: Mature trees are located throughout the parcel.

*According to the zoning site plan, prepared by Kimley Horn, dated 9/18/2025, the wooded areas are designated for tree removal. We recommend avoidance where practicable.

Agricultural Areas: Office Maps indicate there are no State designated agricultural areas on the parcel in question.

Land Evaluation Site Assessment (LESA)

The Land Evaluation Score for the parcel is 82. A Site Assessment was not completed due to the Agricultural zoning on the parcel.

ADDITIONAL CONCERNS

Agricultural Impact Mitigation Agreement: We have not received notice from the Illinois Department of Agriculture that an Agricultural Impact Mitigation Agreement has been filed. Please contact the Illinois Department of Agriculture to begin the process.

HARRISON CHUMLEY | AGRICULTURAL LAND & WATER
RESOURCE SPECIALIST I
Land and Water Resources

Illinois Department of Agriculture

John R. Block Building | 801 E. Sangamon Ave., P.O. Box 19281 | Springfield, IL 62794-9281
(O) 217-557-1343 | (F) 217-557-0993 | (TTY) 866-287-2999 | harrison.chumley@illinois.gov

Vegetation: The Board recommends that areas between panels and within the buffers be planted to a native prairie mix to help increase water infiltration and reduce runoff from the site. It is recommended that a planting and maintenance plan be developed with the landowner to ensure that noxious weeds are controlled, and native plantings are properly installed and managed. The petitioner should refer to the planting requirements of the Illinois Department of Natural Resources and McHenry County Department of Planning & Development.



NATURAL RESOURCE INFORMATION REPORT (NRI)

NRI Report Number	25-088-4749	
Applicant's Name	Korver Solar, LLC	
Size of Parcel	36 acres	
Zoning Change	Solar Facility	
Parcel Index Number(s)	14-31-126-003	
Common Location	Undefined	
Contact Person	Paul Bottom	
<i>Copies of this report or notification of the proposed land-use change were provided to:</i>	<i>yes</i>	<i>no</i>
The Applicant	x	
The Applicant's Legal Representation/Consultant		x
The Village/City/County Planning and Zoning Department or Appropriate Agency	x	

Report Prepared By: *Spring M. Duffey*

Position: *Executive Director*

<i>Contents</i>	<i>Page</i>
PURPOSE & INTENT.....	3
PARCEL LOCATION.....	4
ARCHAEOLOGIC/CULTURAL RESOURCES INFORMATION.....	5
ECOLOGICALLY SENSITIVE AREAS.....	5
WOODLANDS.....	10
GEOLOGIC INFORMATION.....	11
AQUIFER SENSITIVITY MAP.....	11
SENSITIVE AQUIFER RECHARGE AREAS.....	12
SOILS INFORMATION.....	14
SOILS MAP.....	15
SOIL MAP UNIT DESCRIPTIONS.....	16
SOILS INTERPRETATIONS EXPLANATION.....	16
SOIL LEACHABILITY.....	17
SOIL PERMEABILITY.....	23
SOIL EROSION & SEDIMENT CONTROL.....	24
PRIME FARMLAND SOILS.....	25
SOLAR ARRAYS.....	27
AGRICULTURAL AREAS.....	32
LAND EVALUATION AND SITE ASSESSMENT (LESA).....	32
LAND USE PLANS.....	33
DRAINAGE, RUNOFF AND FLOOD INFORMATION.....	34
FLOOD OF RECORD MAP.....	36
2 FOOT TOPOGRAPHIC MAP.....	37
FLOOD INSURANCE RATE MAP.....	38
WATERSHED PLANS.....	39
WETLAND INFORMATION.....	41
NRCS WETLAND MAP.....	42
ADID WETLANDS.....	43
HYDRIC SOILS.....	45
FLOODING FREQUENCY.....	48
PONDING FREQUENCY.....	50
WETLAND AND FLOODPLAIN REGULATIONS.....	52
THREATENED & ENDANGERED SPECIES.....	53
GLOSSARY.....	54
REFERENCES.....	56

PURPOSE AND INTENT

The purpose of this report is to inform officials of the local governing body and other decision-makers with natural resource information. This information may be useful when undertaking land use decisions concerning variations, amendments or relief of local zoning ordinances, proposed subdivision of vacant or agricultural lands and the subsequent development of these lands. This report is a requirement under Section 22.02a of the Illinois Soil and Water Conservation Districts Act.

The intent of this report is to present the most current natural resource information available in a readily understandable manner. It contains a description of the present site conditions, the present resources, and the potential impacts that the proposed change may have on the site and its resources. The natural resource information was gathered from standardized data, on-site investigations and information furnished by the petitioner. This report must be read in its entirety so that the relationship between the natural resource factors and the proposed land use change can be fully understood.

Due to the limitations of scale encountered with the various resource maps, the property boundaries depicted in the various exhibits in

this report provide a generalized representation of the property location and may not precisely reflect the legal description of the PIQ (Parcel in Question).

This report, when used properly, will provide the basis for proper land use change decisions and development while protecting the natural resource base of the county. It should not be used in place of detailed environmental and/or engineering studies that are warranted under most circumstances, but in conjunction with those studies.

The conclusions of this report in no way indicate that a certain land use is not possible, but it should alert the reader to possible problems that may occur if the capabilities of the land are ignored. Any questions on the technical data supplied in this report or if anyone feels that they would like to see more additional specific information to make the report more effective, please contact:

**McHenry-Lake County Soil & Water
Conservation District
1648 S. Eastwood Dr.
Woodstock, IL 60098
Phone: (815) 338-0444 ext. 3
www.mchenryswed.org
E-mail: Spring.Duffey@il.nacdnet.net**

PARCEL LOCATION

Location Map for Natural Resources Information Report # 25-088-4749
In the Northwest Quarter of Section 31, Township 44 North, Range 8 East, on 36 acres.
This parcel is located at the northeast intersection of Ridgfield Road and US Route 14,
McHenry County, IL.



ARCHAEOLOGIC/CULTURAL RESOURCES

Simply stated, cultural resources are all the past activities and accomplishments of people. They include the following: buildings; objects made or used by people; locations; and less tangible resources, such as stories, dance forms, and holiday traditions. The Soil and Water Conservation District most often encounters cultural resources as historical properties. These may be prehistoric or historical sites, buildings, structures, features, or objects. The most common type of historical property that the Soil and Water Conservation District may encounter is non-structural archaeological sites. These sites often extend below the soil surface, and must be protected against disruption by development or other earth moving activity if possible. Cultural resources are *non-renewable* because there is no way to “grow” a site to replace a disrupted site.

Landowners with historical properties on their land have ownership of that historical property. However, the State of Illinois owns all of the following: human remains, grave markers, burial mounds, and artifacts associated with graves and human remains.

Non-grave artifacts from archaeological sites and historical buildings are the property of the landowner. The landowner may choose to disturb a historical property, but may not receive federal or state assistance to do so. If an earth moving activity disturbs human remains, the landowner must contact the county coroner within 48 hours.

Office maps indicate there are no known cultural/historical features on the parcel in question. (PIQ)

ECOLOGICALLY SENSITIVE AREAS

What is Biological Diversity and Why Should it be Conserved?¹

Biological diversity, or biodiversity, is the range of life on our planet. A more thorough definition is presented by botanist Peter H. Raven: “At the simplest level, biodiversity is the sum total of all the plants, animals, fungi and microorganisms in the world, or in a particular area; all of their individual variation; and all of the interactions between them. It is the set of living organisms that make up the fabric of the planet Earth and allow it to function as it does, by capturing energy from the sun and using it to drive all of life’s processes; by forming communities of organisms that have, through the several billion years of life’s history on Earth, altered the nature of the atmosphere, the soil and the water of our Planet; and by making possible the sustainability of our planet through their life activities now.” (Raven 1994)

It is not known how many species occur on our planet. Presently, about 1.4 million species have been named. It has been estimated that there are perhaps 9 million more that have not been identified. What is known is that they are vanishing at an unprecedented rate. Reliable estimates show extinction occurring at a rate several orders of magnitude above “background” in some ecological systems. (Wilson 1992, Hoose 1981)

The reasons for protecting biological diversity are complex, but they fall into four major categories.

First, loss of diversity generally weakens entire natural systems. Healthy ecosystems tend to have many natural checks and balances. Every species plays a role in maintaining this system. When simplified by the loss of diversity, the system becomes more susceptible to natural and artificial perturbations. The chances of a system-wide collapse increase. In parts of the

¹Taken from *The Conservation of Biological Diversity in the Great Lakes Ecosystem: Issues and Opportunities*, prepared by the Nature Conservancy Great Lakes Program 79W, Monroe Street, Suite 1309, Chicago, IL 60603, January 1994

midwestern United States, for example, it was only the remnant areas of natural prairies that kept soil intact during the dust bowl years of the 1930s. (Roush 1982)

Simplified ecosystems are almost always expensive to maintain. For example, when synthetic chemicals are relied upon to control pests, the target species are not the only ones affected. Their predators are almost always killed or driven away, exasperating the pest problem. In the meantime, people are unintentionally breeding pesticide-resistant pests. A process has begun where people become perpetual guardians of the affected area, which requires the expenditure of financial resources and human ingenuity to keep the system going.

A second reason for protecting biological diversity is that it represents one of our greatest untapped resources. Great benefits can be reaped from a single species. About 20 species provide 90% of the world's food. Of these 20, just three, wheat, maize and rice-supply over one half of that food. American wheat farmers need new varieties every five to 15 years to compete with pests and diseases. Wild strains of wheat are critical genetic reservoirs for these new varieties.

Further, every species is a potential source of human medicine. In 1980, a published report identified the market value of prescription drugs from higher plants at over \$3 billion. Organic alkaloids, a class of chemical compounds used in medicines, are found in an estimated 20% of plant species. Yet only 2% of plant species have been screened for these compounds. (Hoose 1981)

The third reason for protecting diversity is that humans benefit from natural areas and depend on healthy ecosystems. The natural world supplies our air, our water, our food and supports human economic activity. Further, humans are creatures that evolved in a diverse natural environment between

forest and grasslands. People need to be reassured that such places remain. When people speak of "going to the country," they generally mean more than getting out of town. For reasons of their own sanity and well being, they need a holistic, organic experience. Prolonged exposure to urban monotony produces neuroses, for which cultural and natural diversity cure.

Historically, the lack of attention to biological diversity, and the ecological processes it supports, has resulted in economic hardships for segments of the basin's human population.

The final reason for protecting biological diversity is that species and natural systems are intrinsically valuable. The above reasons have focused on the benefits of the natural world to humans. All things possess intrinsic value simply because they exist.

Biological Resources Concerning the Subject Parcel

As part of the Natural Resources Information Report, staff checks office maps to determine if any nature preserves are within 500 feet of the parcel in question. If there is a nature preserve in the area, then that resource will be identified as part of the report. The SWCD recommends that every effort be made to protect that resource. Such efforts should include, but are not limited to erosion control, sediment control, stormwater management, and groundwater monitoring.

Office maps indicate McHenry County Natural Area Inventory Site (NUN22) – West Crystal Lake Prairie, is north of the parcel. This wet silt loam prairie is threatened by water table alteration and brush encroachment.

Additionally, McHenry County Conservation District's Woodman Tract is east of the parcel, and the parcel is within the Lake in the Hills Fen Class III Groundwatershed. Information regarding this designation can be found at the end of this report.

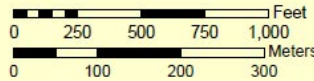


West Crystal Lake Prairie

NUN22



MCCD-NRM
Base map: 2001 aerial photo
Site last visited: 1998
Map Date: 3/8/05



Township: Nunda-14
Section: 30
Former ID: L24





WOODLANDS

Existing mature trees should be preserved whenever possible. Woodlands provide a large number of benefits such as wildlife habitat, erosion control, air and water quality improvements, as well as aesthetic values. Construction activities can indirectly destroy trees. Oak trees are particularly susceptible to long term, permanent damage caused by construction activities and require special consideration. It is also recommended that invasive non-native species be removed whenever possible.

Native woodlands are no longer a common occurrence throughout much of McHenry County. Although forests originally covered nearly 40% of Illinois, today only about 12% of the state is forested, with most of this being secondary growth (Ill. Natural History Survey Reports, Nov/Dec 1993, No. 324). The composition of Illinois forests has changed markedly over the past three decades. 97% of the timberland is classified as hardwood forest. The forest acreage continues to increase from 4.2 million acres in 1985 to 4.3 million acres in 1998. (IL Forest Development Council News, IL DNR, Winter 2001/Volume 2, No. 1). Oak-hickory forests, which had made up half of the acreage, have declined by 14%, and make up 2.1 million acres. This decline is largely a result of wildfire suppression that allows maples to take over. Thus, the acres of maple-beech forest have risen more than 40-fold from 1962 to 1985, to one quarter of the total forest area, 696 thousand acres. Dutch elm disease and the conversion of forested bottomlands to agriculture have resulted in huge declines in the elm-ash-cottonwood forests, 906 thousand acres, falling from one third - one sixth of the Illinois forest area. Elm accounts for the greatest number of individual trees – 412 million. Other species groups with more than 100 million trees include hickory, red oak, sugar/black maple, ash, hackberry, and black cherry.

Woodlands provide many benefits such as wildlife habitat, erosion control, air and water quality improvements, and aesthetic values. Forests are responsible for much of the biological diversity in the state. Many species are dependent upon forests for food & shelter, including threatened/endangered species.

One of the most serious problems facing Illinois forests is the invasion of exotic plants and animals. Some of the most damaging plants includes European buckthorn, multiflora rose, honeysuckle, purple loosestrife, and garlic mustard.

Many trees, particularly hardwoods (especially oaks) are extremely sensitive to construction-induced disturbances. The area most susceptible to damage is within the "drip radius," the ground surface directly beneath the leafy canopy of the tree. Many trees have an extensive system of feeder roots, located within one foot of the surface, and supply the tree with the majority of its moisture and nutrient needs.

Construction activities can negatively impact trees in several different ways. Earth-moving activities that stockpile soil near trees can suffocate tree roots that, although buried, require oxygen. Vehicle traffic can compact the soil to a point where the roots no longer function effectively. Grading activities for road cuts and foundations can cause a localized drop in the water table, placing the trees under stress. The placement of pavement or stormwater management facilities near established trees can also radically change soil moisture. The removal of the accumulated organic materials normally present on a woodland floor, and the subsequent establishment of turf lawns, can drastically affect the soil temperature and nutrient balance. Injury to the bark of a tree can increase the chance of the tree being subjected to a potentially harmful disease.

If existing trees are to be maintained in a healthy state, the appropriate planning is necessary. Someone with a working knowledge of forestry should assess existing trees to determine which trees should be protected. Some tree species are not considered desirable due to their aggressive growth, behavior, and limited value to local wildlife. Proper management of woodlands and open space includes the selective elimination of such trees and replacement by more desirable species. **Trees that are to be saved should be marked and protected with snow fencing or similar material, installed around the drip radius, to prevent root damage,** and vehicle traffic should

be minimized around the drip line. Contractors should be informed of the intention to preserve trees and be expected to conduct their work accordingly.

Tree damage resulting from construction activities may not be apparent for a number of

years. While it is recognized that some tree loss is unavoidable, this should be minimized to the extent possible. It is highly recommended that trees lost to development activity be replaced by younger specimens of the native trees now found on the PIQ.

GEOLOGIC INFORMATION

Geology and the Proposed Land Use

As density of septic systems increases, the concern for pollution potential of local groundwater rises. Local geology plays an important role in determining the pollution potential. Groundwater pollution potential is an important factor when determining a specific area's suitability for a given land use. The local geology, is an important element of the natural resource base. This information, when compared to soils information, gives a clearer picture of conditions on this parcel.

Geological data comes from the Illinois State Geological Survey Circular 559, *Geologic Mapping for Environmental Planning, McHenry County, Illinois.*

The Geologic features map indicates that the parcel is comprised of A3 geologic limitations.

A3: Geologic limitations. The potential for contaminating shallow aquifers is high. In these areas, contaminants from any source can move rapidly through these sand and gravel deposits to wells or nearby streams. In addition, this thick surficial aquifer is commonly hydraulically connected to underlying aquifers (Berg 1994). Land-use practices should be very conservative in all areas mapped as unit A. (Curran et al 1997) (Contains 20 –50 feet Henry sand and gravel at surface).



Aquifer Sensitivity, McHenry County, Illinois
(e.g., septic systems) (Vaiden et al.)

SENSITIVE AQUIFER RECHARGE AREAS

Developed for McHenry County in 2008 and revised in 2018 is the “McHenry County Sensitive Aquifer Recharge Areas” map. Because McHenry County is 100% reliant on groundwater and has been experiencing groundwater quantity/quality issues, the county board in 1995 authorized a groundwater investigation/report titled “County of McHenry Groundwater Resources Management Plan”. Many facts in that report startled decision makers. For example, the report found that in 2000, one township was withdrawing groundwater at unsustainable rates and by 2030 if status-quo, three townships would be doing the same and that three other townships would be approaching that unsustainability. In 2007, the County Board hired a full time Water Resources Manager and authorized the creation of the McHenry County Groundwater Task Force. The Recharge Subcommittee of the Groundwater Task Force was charged with identifying areas within the county that could be considered to have high potential for recharge of shallow groundwater and develop recommendations for protecting those areas in terms of both quantity and quality. The original main basis for the map identifying recharge is areas of high or moderately high potential for aquifer contamination as identified in the Illinois State Geological Survey’s Circular 559, “Geologic Mapping for Environmental Planning, McHenry County, IL”. In a meeting of the recharge subcommittee, Illinois State Geological Survey and Illinois State Water Survey, it was determined that the areas of high or moderately high potential for aquifer contamination could be qualified by using soil properties. The plan was to remove from the high and moderately high areas those soils with slow permeability, steep slopes and hydric soils that discharge groundwater. Using Table 6 of the Soil Survey of McHenry County a digital layer was developed of soil properties:

- Restricted permeability
- Slopes 4% or greater (except if the soil had excessive permeability, it was not included)

Also digitized were groundwater discharge hydric soils. NRCS Illinois Area 3 Resource Soil Scientists in 2002 developed a hydric soil recharge/flow through/discharge guide to use when designing wetland restoration. Because recharge/flow through/discharge is very complex and changes depending on the year only soils that were thought to be generally only groundwater discharge were used.

Subsequent to the original map development, 3D groundwater modeling has occurred and provided more precise groundwater flow data and thus was the basis for the 2018 map update. (*Information Courtesy of the McHenry County Groundwater Taskforce – Recharge Subcommittee.*)



**The map indicates the parcel is within a Sensitive Aquifer Recharge Area.*

SOILS INFORMATION

Importance of Soils Information

Soils information comes from Natural Resources Conservation Service Soil Maps and Descriptions for McHenry County. This information is important to all parties involved in determining the suitability of the proposed land use change.

Each soil polygon is given a number, which represents its soil type. The letter found after the soil type number indicates the soils slope class.

Each soil map unit has limitations for a variety of land uses such as septic systems, buildings with basements, and buildings without basements. It is important to remember that soils do not function independently of each other. The behavior of a soil depends upon the physical properties of adjacent soil types, the presence of artificial drainage, soil compaction, and its position in the local landscape.

The limitation categories (slight, moderate or severe) indicate the potential for difficulty in using that soil unit for the proposed activity and, thus, the degree of need for thorough soil borings and engineering studies. A limitation does not

necessarily mean that the proposed activity cannot be done on that soil type. It does mean that the reasons for the limitation need to be thoroughly understood and dealt with in order to complete the proposed activity successfully. A severe limitation indicates that the proposed activity will be more difficult and costly to do on that soil type than on a soil type with a moderate or slight rating.

Soil survey interpretations are predictions of soil behavior for specified land uses and specified management practices. They are based on the soil properties that directly influence the specified use of the soil. Soil survey interpretations allow users of soil surveys to plan reasonable alternatives for the use and management of soils.

Soil interpretations do not eliminate the need for on-site study and testing of specific sites for the design and construction for specific uses. They can be used as a guide for planning more detailed investigations and for avoiding undesirable sites for an intended use. The scale of the maps and the range of error limit the use of the soil delineations.

Soil Map—McHenry County, Illinois



Map Unit Symbol	Map Unit Name	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes	4.1	10.8%
149A	Brenton silt loam, 0 to 2 percent slopes	6.8	18.2%
219A	Millbrook silt loam, 0 to 2 percent slopes	7.2	19.0%
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	0.7	1.9%
310B	McHenry silt loam, 2 to 4 percent slopes	9.9	26.2%
361C2	Kidder loam, 4 to 6 percent slopes, eroded	3.4	9.0%
361D2	Kidder loam, 6 to 12 percent slopes, eroded	5.6	14.8%

Soil Interpretations Explanation

Nonagricultural

General

These interpretative ratings help engineers, planners, and others to understand how soil properties influence behavior when used for nonagricultural uses such as building site development or construction materials. This report gives ratings for proposed uses in terms of limitations and restrictive features. The tables list only the most restrictive features. Other features may need treatment to overcome soil limitations for a specific purpose.

Ratings come from the soil's "natural" state, that is, no unusual modification occurs other than that which is considered normal practice for the rated use. Even though soils may have limitations, an engineer may alter soil features or adjust building plans for a structure to compensate for most degrees of limitations. Most of these practices, however, are costly. The final decision in selecting a site for a particular use generally involves weighing the costs for site preparation and maintenance.

Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, performance after construction, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for the types of proposed improvements that are listed or inferred by the petitioner as entered on the report application and/or zoning petition. The most

common types of building limitation that this report gives limitations ratings for is: septic systems. It is understood that engineering practices can overcome most limitations for buildings with and without basements, and small commercial buildings. Limitation ratings for these types of buildings are not commonly provided. Organic soils, when present on the parcel, are referenced in the hydric soils section of the report. This type of soil is considered to be unsuitable for all types of construction.

Limitations Ratings

1. **Slight** - This soil has favorable properties for the use. The degree of limitation is minor. The people involved can expect good performance and low maintenance.
2. **Moderate** - This soil has moderately favorable properties for the use. Special planning, design, or maintenance can overcome this degree of limitation. During some part of the year, the expected performance is less desirable than for soils rated slight.
3. **Severe or Very Severe**- This soil has one or more properties that are unfavorable for the rated use. These may include the following: steep slopes, bedrock near the surface, flooding, high shrink-swell potential, a seasonal high water table, or low strength. This degree of limitation generally requires major soil reclamation, special design, or intensive maintenance, which in most situations is difficult and costly.

SOIL LEACHABILITY

This interpretation is designed to evaluate the potential for nitrate-nitrogen to be transmitted through the soil profile below the root zone by percolating water under nonirrigated conditions. Leaching nitrates have the potential to contaminate shallow and deep aquifers used for drinking water. The ratings are based on inherent soil and climate properties that affect nitrate leaching and do not account for management practices, such as crop rotation and rates and timing of nitrogen fertilizer applications.

The following soil and climate factors are used in the interpretation criteria:

1. Mean annual precipitation minus potential evapotranspiration - This factor provides an estimate of the amount of water that is available to move through the soil profile on an annual basis. Potential evaporation is estimated from mean annual air temperature using an algorithm (developed by the National Soil Survey Center) that employs the Hamon potential evapotranspiration method.
2. Water travel time through the entire soil profile - This factor uses the saturated hydraulic conductivity (Ksat) and thickness of each soil horizon to estimate the number of hours that would be required for a given volume of water to move through the entire soil profile. One advantage of this method for estimating the rate of water movement is that the properties and thickness of each soil horizon are accounted for instead of using an average saturated hydraulic conductivity for the entire profile. This method accounts for subtle differences between soils in texture, structure, horizon thickness, and depth to water-restricting layers.
3. Available water capacity - This factor accounts for the cumulative amount of water available to plants that the entire soil profile can hold at field capacity to a depth of 150 cm. The more water the soil profile can hold, the less water is available for deep leaching.
4. Depth to and duration of a water table - This factor uses a water table index based on the minimum average depth to a water table and the number of months that the water table is present during the period from April through October. The factor is used to account for the loss of nitrates to the atmosphere as nitrous oxide or nitrogen gas due to denitrification under anaerobic conditions caused by water saturation. The higher the water table and the longer its duration, the larger the quantity of nitrates that would potentially be lost to the atmosphere and therefore would not be available for deep leaching.
5. Slope gradient adjusted for hydrologic soil group - The steeper the slope gradient, the higher the potential for surface runoff and the lower the amount of water available to move through the soil profile. The following adjustments are made to the slope gradient by hydrologic group to account for differences in potential for surface runoff:

Hydrologic group A-slope % x 0.75

Hydrologic group B-slope % x 0.85

Hydrologic group C-slope % x 0.95

Hydrologic group D-no adjustment

The ratings are both verbal and numerical. The ratings for Nitrate Leaching Potential, Nonirrigated Areas, are calculated as follows:

- The Mean Annual Precipitation minus Potential Evapotranspiration subrule is weighted by multiplying by 0.60.
- The Water Travel Time subrule is weighted by multiplying by 0.25.
- The Available Water Capacity subrule is weighted by multiplying by 0.15.
- The sum of these three weighted subrules results in a value between 0.00 and 1.00.
- Adjustments are then made for water table depth and duration and for slope gradient adjusted for hydrologic group. The sum of the values from these subrules is subtracted from the sum in step 4 above. The maximum reduction is 0.50 for the water table index subrule and 0.30 for the slope gradient subrule.

The following rating classes for Nitrate Leaching Potential, Nonirrigated Areas, are assigned based on the final calculation from the factors above:

Low: 0.00 to 0.25

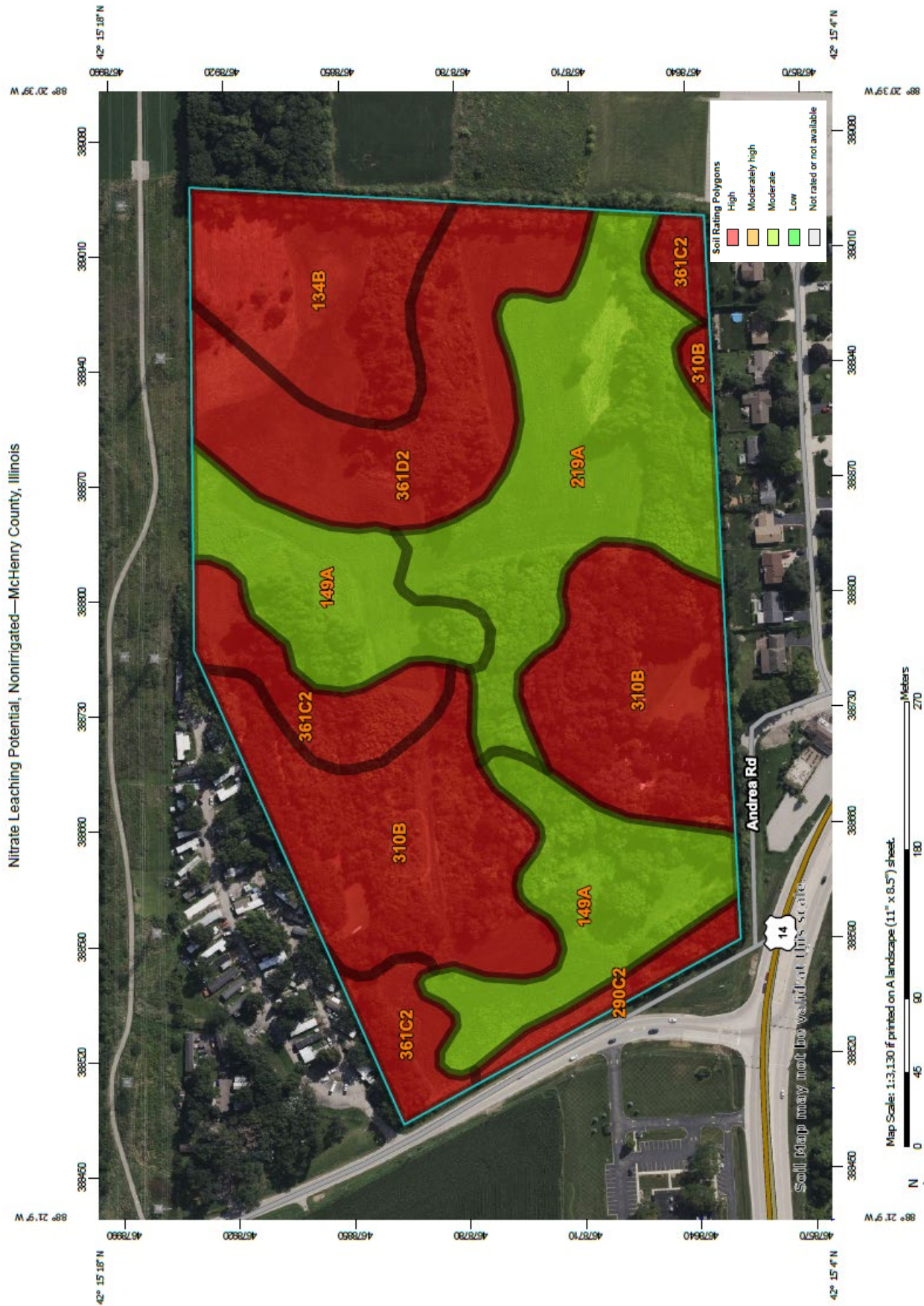
Moderate: 0.26 to 0.50

Moderately high: 0.51 to 0.75 High: 0.76 to 1.00

The ratings indicate the potential for nitrate leaching below the root zone, based on inherent soil and climate properties. A "low" rating indicates a low potential for leaching of nitrates below the root zone. A "high" rating indicates a high potential for leaching of nitrates below the root zone. The "moderate" and "moderately high" ratings indicate intermediate potential.

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.



Nitrate Leaching Potential, Nonirrigated											
Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres	Percent					
134B	Camden silt loam, 2 to 5 percent slopes	High	Camden (90%)	Water quantity available for leaching (1.00)	4.1	10.8%					
				Water travel time (0.90)							
			Fox (3%)	Water quantity available for leaching (1.00)							
				Water travel time (1.00)							
				Water holding capacity (0.92)							
			149A	Brenton silt loam, 0 to 2 percent slopes			Moderate	Brenton (97%)	Water quantity available for leaching (0.99)	6.8	18.2%
Water travel time (0.83)											
Denitrification due to saturation (0.50)											
Water holding capacity (0.06)											
Drummer, drained (3%)	Water quantity available for leaching (0.99)										
	Water travel time (0.84)										
	Denitrification due to saturation (0.50)										
	Water holding capacity (0.08)										
219A	Millbrook silt loam, 0 to 2 percent slopes	Moderate			Millbrook (85%)	Water quantity available for leaching (0.92)		7.2	19.0%		
						Water travel time (0.82)					
			Denitrification due to saturation (0.50)								

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres	Percent
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	High	Warsaw, eroded (95%)	Water quantity available for leaching (1.00)	0.7	1.9%
				Water travel time (1.00)		
				Water holding capacity (0.89)		
			Rodman, eroded (5%)	Water quantity available for leaching (1.00)		
				Water travel time (1.00)		
				Water holding capacity (0.98)		
310B	McHenry silt loam, 2 to 4 percent slopes	High	McHenry (90%)	Water quantity available for leaching (1.00)	9.9	26.2%
				Water travel time (0.92)		
				Water holding capacity (0.18)		
			Kidder (5%)	Water quantity available for leaching (1.00)		
				Water travel time (0.95)		
				Water holding capacity (0.39)		
361C2	Kidder loam, 4 to 6 percent slopes, eroded	High	Kidder, eroded (95%)	Water quantity available for leaching (1.00)	3.4	9.0%
				Water travel time (0.95)		
				Water holding capacity (0.43)		
			Fox (3%)	Water quantity available for leaching (1.00)		
				Water travel time (0.76)		
				Water holding capacity (0.67)		
361D2	Kidder loam, 6 to 12 percent slopes, eroded	High	Kidder, eroded (95%)	Water quantity available for leaching (0.99)	5.6	14.8%
				Water travel time (0.95)		

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres	Percent
				Water holding capacity (0.43)		
			Fox (3%)	Water quantity available for leaching (0.99)		
				Water travel time (0.76)		
				Water holding capacity (0.67)		
			McHenry, eroded (2%)	Water quantity available for leaching (1.00)		
				Water travel time (0.93)		
				Water holding capacity (0.24)		
Rating		Acres		Percent		
High				23.6		
Moderate				14.0		
				62.8%		
				37.2%		

SOIL PERMEABILITY

Soil permeability is the quality of the soil that enables water or air to move downward through the profile. The rate at which a saturated soil transmits water is accepted as a measure of this quality.

For the purposes of the NRI Report, those soils which have “rapid” to “very rapid” permeability, have been identified as “highly permeable.”

Terms describing permeability, measured in inches per hour, are as follows:

Extremely slow 0.0 to 0.01 inch
 Very slow 0.01 to 0.06 inch
 Slow 0.06 to 0.2 inch
 Moderately slow 0.2 to 0.6 inch
 Moderate 0.6 inch to 2.0 inches
 Moderately rapid 2.0 to 6.0 inches
 Rapid 6.0 to 20 inches
 Very rapid more than 20 inches

Highly Permeable Soils			
Map Unit Symbol	Highly Permeable	Acres	Percent
134B	No	4.1	10.8%
149A	No	6.8	18.2%
219A	No	7.2	19.0%
290C2	Yes	0.7	1.9%
310B	No	9.9	26.2%
361C2	No	3.4	9.0%
361D2	No	5.6	14.8%
Total Highly Permeable		0.7	1.9%

SOIL EROSION & SEDIMENT CONTROL

Erosion is the wearing away of the soil by water, wind, and other forces. Soil erosion threatens the Nation's soil productivity and contributes the most pollutants in our waterways. Water causes about two thirds of erosion on agricultural land. Four properties, mainly, determine a soil's erodibility:

1. Texture
2. Slope
3. Structure
4. Organic matter content

Slope has the most influence on soil erosion potential when the site is under construction. Erosivity and runoff increase as slope grade increases. The runoff then exerts more force on the particles, breaking their bonds more readily and carrying them farther before deposition. The longer water flows along a slope before reaching a major waterway, the greater the potential for erosion.

Soil erosion during and after this proposed construction can be a primary non-point source of water pollution. Eroded soil during the construction phase can create unsafe conditions on roadways, decrease the storage capacity of lakes, clog streams and drainage channels, cause

deterioration of aquatic habitats, and increase water treatment costs. Soil erosion also increases the risk of flooding by choking culverts, ditches and storm sewers, and by reducing the capacity of natural and man-made detention facilities.

The general principles of erosion and sedimentation control measures include:

- reducing or diverting flow from exposed areas, storing flows or limiting runoff from exposed areas,
- staging construction in order to keep disturbed areas to a minimum,
- establishing or maintaining or temporary or permanent groundcover,
- retaining sediment on site and
- properly installing, inspecting and maintaining control measures.

Erosion control practices are useful controls only if they are properly located, installed, inspected and maintained.

The SWCD recommends an erosion control plan for all building sites, especially if there is a wetland or stream nearby.

Highly Erodible Soils (HEL)

Map Unit Symbol	HEL	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes – Non-HEL	4.1	10.8%
149A	Brenton silt loam, 0 to 2 percent slopes – Non-HEL	6.8	18.2%
219A	Millbrook silt loam, 0 to 2 percent slopes – Non-HEL	7.2	19.0%
290C2	Warsaw loam, 4 to 6 percent slopes, eroded - HEL	0.7	1.9%
310B	McHenry silt loam, 2 to 4 percent slopes – Non-HEL	9.9	26.2%
361C2	Kidder loam, 4 to 6 percent slopes, eroded - HEL	3.4	9.0%
361D2	Kidder loam, 6 to 12 percent slopes, eroded - HEL	5.6	14.8%
Total Highly Erodible Soils		9.7	25.7

PRIME FARMLAND SOILS

Prime farmland soils are an important resource to McHenry County. Some of the most productive soils in the United States occur locally. Each soil map unit in the United States is assigned a prime or non-prime rating. Prime agricultural land does not need to be in the production of food & fiber.

Section 310 of the NRCS general manual states that urban or built-up land on prime farmland soils is not prime farmland. The percentages of soils map units on the parcel reflect the determination that urban or built up land on prime farmland soils is not prime farmland.

Prime Farmland Soils

Map unit symbol	Map unit name	Rating	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes	All areas are prime farmland	4.1	10.8%
149A	Brenton silt loam, 0 to 2 percent slopes	All areas are prime farmland	6.8	18.2%
219A	Millbrook silt loam, 0 to 2 percent slopes	Prime farmland if drained	7.2	19.0%
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	All areas are prime farmland	0.7	1.9%
310B	McHenry silt loam, 2 to 4 percent slopes	All areas are prime farmland	9.9	26.2%
361C2	Kidder loam, 4 to 6 percent slopes, eroded	All areas are prime farmland	3.4	9.0%
361D2	Kidder loam, 6 to 12 percent slopes, eroded	Farmland of statewide importance	5.6	14.8%
Total Prime Farmland			24.9	66.1%
Total Prime Farmland if Drained			7.2	19.0%

Farmland Classification—McHenry County, Illinois



GROUND-BASED SOLAR ARRAYS, SOIL-PENETRATING ANCHOR SYSTEMS

Description

Ground-based solar arrays are sets of photovoltaic panels that are not situated on a building or pole. These installations consist of a racking system that holds the panel in the desired orientation and the foundation structures that hold the racking system to the ground. Two basic methods are used to hold the systems to the ground, based on site conditions and cost. One method employs driven piles, screw augers, or concrete piers that penetrate into the soil to provide a stable foundation. The ease of installation and general site suitability of soil-penetrating anchoring systems depends on soil characteristics such as rock fragment content, soil depth, soil strength, soil corrosivity, shrink-swell tendencies, and drainage. The other basic anchoring system utilizes precast ballasted footings or ballasted trays on the soil surface to make the arrays too heavy to move. The site considerations that impact both basic systems are slope, slope aspect, wind speed, land surface shape, flooding, and ponding. Other factors that will contribute to the function of a solar power array include daily hours of sunlight and shading from hills, trees or buildings.

Soil-penetrating anchoring systems can be used where the soil conditions are not limited. Installation of these systems requires some power equipment for hauling components and either driving piles, turning helices, or boring holes to install the anchoring apparatus.

Soils can be a non-member, partial member or complete members of the set of soils that are limited for "Ground-based Solar Panel Arrays". If a soil's property within 150 cm (60 inches) of the soil surface has a membership indices greater than zero, then that soil property is limiting and the soil restrictive feature is identified. The overall interpretive rating assigned is the maximum membership indices of each soil interpretive property that comprise the "Ground-based Solar Panel Array" interpretive rule. Minor restrictive soil features are identified but not considered as part of the overall rating process. These restrictive features could be important factors where the major restrictive features are overcome through

design application.

Soils are placed into interpretive rating classes per their rating indices. These are not limited (rating index = 0), somewhat limited (rating index greater than 0 and less than 1.0), or very limited (rating index = 1.0).

Numerical ratings indicate the degree of limitation. The ratings are shown in decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil has the least similarity to a good site (1.00) and the point at which the soil feature is very much like known good sites (0).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

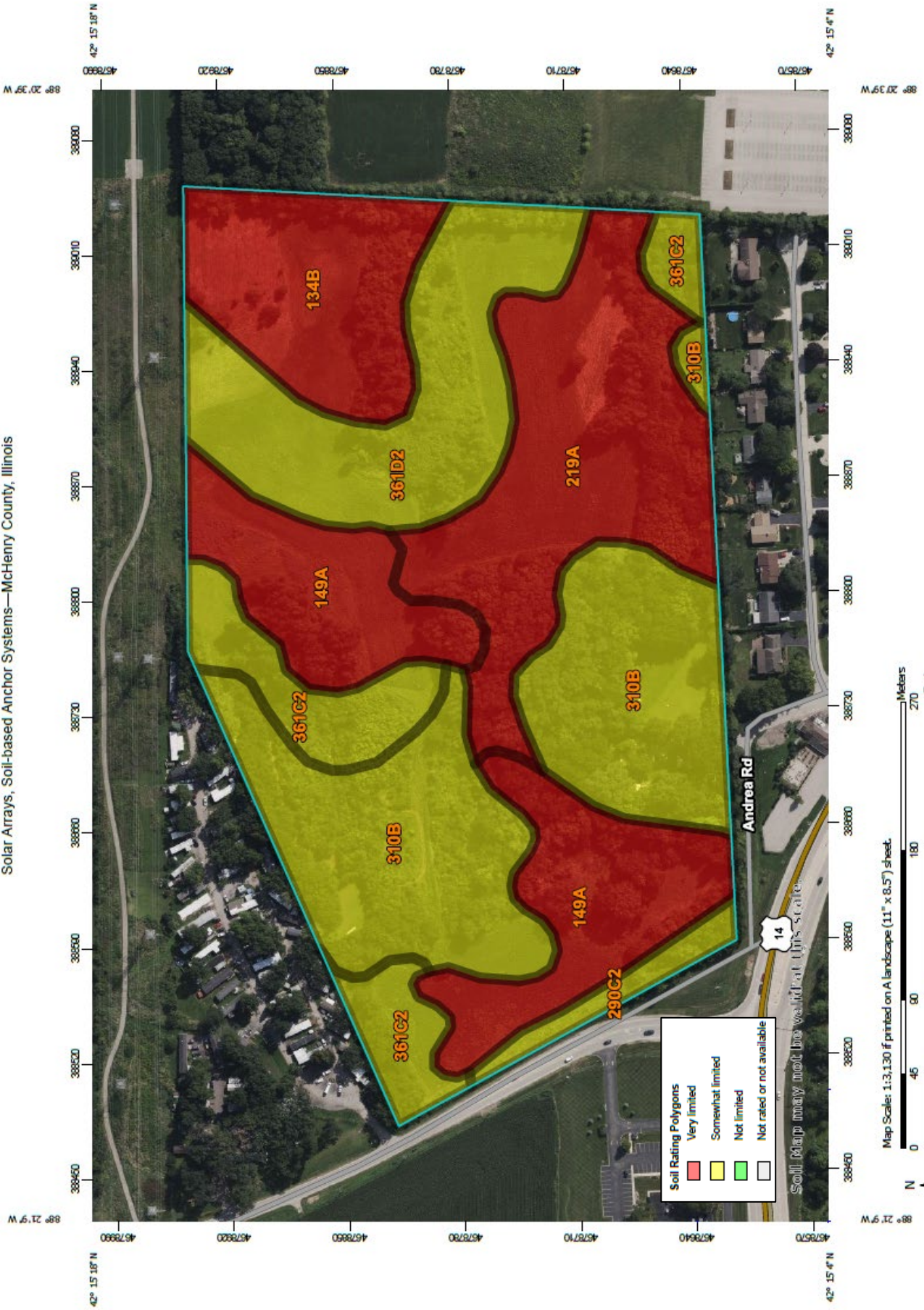
Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.

References:

Canada, S. 2012. Corrosion impacts on steel piles. Solarpro. Solarprofessional.com.

Romanoff, Melvin. 1962. Corrosion of Steel Pilings in Soils. *Journal of Research of the National Bureau of Standards*. (Volume 66C, No. 3). July/September, 1962.

Solar Arrays, Soil-based Anchor Systems—McHenry County, Illinois



Solar Arrays, Soil-based Anchor Systems

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes	Very limited	Camden (90%)	Frost action (1.00)	4.1	10.8%
				Steel corrosion (0.75)		
				Low strength (0.51)		
				Hillslope position (0.25)		
				Slope shape across (0.20)		
			Millbrook (4%)	Frost action (1.00)		
				Depth to saturated zone (0.94)		
				Steel corrosion (0.75)		
				Hillslope position (0.25)		
				Low strength (0.24)		
			Pella (3%)	Ponding (1.00)		
				Depth to saturated zone (1.00)		
				Frost action (1.00)		
				Steel corrosion (0.75)		
				Low strength (0.56)		
149A	Brenton silt loam, 0 to 2 percent slopes	Very limited	Brenton (97%)	Frost action (1.00)	6.8	18.2%
				Steel corrosion (0.75)		
				Depth to saturated zone (0.75)		
				Low strength (0.53)		
				Hillslope position (0.25)		

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres	Percent
			Drummer, drained (3%)	Ponding (1.00)		
				Depth to saturated zone (1.00)		
				Frost action (1.00)		
				Low strength (0.76)		
				Steel corrosion (0.75)		
219A	Millbrook silt loam, 0 to 2 percent slopes	Very limited	Millbrook (85%)	Frost action (1.00)	7.2	19.0%
				Steel corrosion (0.75)		
				Depth to saturated zone (0.48)		
				Shrink-swell (0.37)		
				Low strength (0.15)		
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	Somewhat limited	Warsaw, eroded (95%)	Steel corrosion (0.75)	0.7	1.9%
				Frost action (0.50)		
				Hillslope position (0.13)		
			Rodman, eroded (5%)	Steel corrosion (0.75)		
310B	McHenry silt loam, 2 to 4 percent slopes	Somewhat limited	McHenry (90%)	Frost action (0.50)	9.9	26.2%
				Slope shape across (0.20)		
				Hillslope position (0.13)		
				Low strength (0.05)		
			Kidder (5%)	Frost action (0.50)		
				Slope shape across (0.20)		
				Hillslope position (0.13)		
361C2	Kidder loam, 4 to 6 percent slopes, eroded	Somewhat limited	Kidder, eroded (95%)	Frost action (0.50)	3.4	9.0%

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres	Percent
				Slope shape across (0.20)		
				Hillslope position (0.13)		
			Fox (3%)	Steel corrosion (0.75)		
				Frost action (0.50)		
				Slope shape across (0.20)		
				Hillslope position (0.13)		
361D2	Kidder loam, 6 to 12 percent slopes, eroded	Somewhat limited	Kidder, eroded (95%)	Slope direction and gradient (0.57)	5.6	14.8%
				Frost action (0.50)		
				Slope shape across (0.20)		
				Hillslope position (0.13)		
				Slope (0.04)		
			Fox (3%)	Steel corrosion (0.75)		
				Slope direction and gradient (0.57)		
				Frost action (0.50)		
				Slope shape across (0.20)		
				Hillslope position (0.13)		
			McHenry, eroded (2%)	Slope direction and gradient (0.57)		
				Frost action (0.50)		
				Slope shape across (0.20)		
				Hillslope position (0.13)		
				Low strength (0.05)		
		Rating	Acres		Percent	
		Somewhat limited	19.5		51.9%	
		Very limited	18.1		48.0%	

AGRICULTURAL AREAS

The Agricultural Areas Conservation and Protect Act became effective July 1, 1980. The purpose of the Act is to provide a means by which agricultural land may be protected and enhanced as a viable segment of the State's economy and as an economic and environmental resource of major importance. Established Ag Areas tend to influence adjacent and surrounding land use changes since they are voluntary in nature and petitioned before the County Board for approval. Ag Areas are considered a high commitment to agriculture. Designated Ag Areas limit land

utilization to specified agricultural uses within their designated boundaries. Ag Areas allow landowners limited benefits such as immunity from locally enacted ordinances, which would limit farming operations and immunity from special tax assessments from local units of government.

Office Maps indicate there are no State Designated agricultural areas on or adjacent to the parcel in question.

LAND EVALUATION & SITE ASSESSMENT (LESA)

The Land Evaluation and Site Assessment system is a tool designed to evaluate the viability of agricultural lands where changes in land-use are proposed. LESA was developed as a decision-making tool used by the Zoning Board of Appeals, City Councils or County Boards to help make unbiased decisions of proper land-use. The LESA system was developed by the USDA-NRCS and takes into consideration local conditions such as physical characteristics of the land, compatibility of surrounding land-uses, urban growth factors, and land-use policies determined by local government. LESA was designed to be used in conjunction with the county's land-use plan, zoning ordinances, and other policies being used to decide land-use changes.

Decision makers use the Land Evaluation and Site Assessment (LESA) System to determine the suitability of a land use change and/or a zoning request as it relates to agricultural land. The LESA System is a two step procedure that includes:

- ◆ Land Evaluation (LE), soils value
- ◆ Site Assessment (SA), land use

Land Evaluation (**LE**) encompasses information regarding soils found on the site and their suitability for agricultural purposes. McHenry

County soils consist of 73 different soil series ranging from gravelly loams to wet muck soils and from highly productive agricultural soils to high quality gravel deposits. For purposes of the Land Evaluation portion of the LESA system, each soil is assigned a relative value number, from 0 to 100, a 0 being the worst soils for crop production, 100 the best. Parcels containing higher percentages of higher valued soils will rate higher on the overall LESA score while those containing higher percentages lowered value soils will rate lower in the overall LESA score. McHenry County SWCD provides a weighted average of the soils using a simple, mechanical, unbiased method of determining agricultural suitability of soils on site.

Site Assessment (**SA**) identifies and weighs 10 criteria, other than soils information, that contributes to the quality of a site for agricultural uses. The determination to include the specific site assessment factors directly resulted from the following:

- ◆ McHenry County Zoning Ordinance,
- ◆ 2030 Land Use Plan,
- ◆ Other adopted county policies.

In summary, the LESA evaluation addresses all factors, including soils information, together to provide a rational, consistent, and unbiased determination of the impact to agriculture from the proposed land use and zoning changes.

LAND EVALUATION (LE) WORKSHEET

Map Unit Symbol	LE Score	Acres	Percent	Weighted Ave
134B	82	4.1	10.8%	8.86
149A	98	6.8	18.2%	17.84
219A	90	7.2	19.0%	17.10
290C2	78	0.7	1.9%	1.48
310B	79	9.9	26.2%	20.70
361C2	67	3.4	9.0%	6.03
361D2	67	5.6	14.8%	9.92
Land Evaluation Score				81.92

Explanation of the LE Worksheet:

Symbol: is the soil type of the polygon on the soils map.

Percentage and Acreage: the percentages of the parcel, and the area that the soil polygon represents.

LE Score: the numeric value from 0 - 100 that is assigned that soil unit

Weighted Ave: The acreage multiplied by the value of that soil unit.

SITE ASSESSMENT (SA) WORKSHEET: A Site Assessment was not completed due to the remaining agricultural zoning.

LAND USE PLANS

Many counties, municipalities, villages and townships have developed land-use plans. These plans are intended to reflect the existing and future land-use needs of a give community.

This parcel is within the McHenry County 2030 Land Use Plan Map and is identified as Residential and Retail.

DRAINAGE, RUNOFF AND FLOOD INFORMATION

U.S.G.S Topographic maps give information on elevations, which are important mostly to determine slopes, drainage directions, and watershed information.

Elevations determine the area of impact of floods of record. Slope information determines steepness and erosion potential. Drainage directions determine where water leaves the PIQ, possibly impacting surrounding natural resources.

Watershed information is given for changing land use to a subdivision type of development on parcels greater than 10 acres.

What is a watershed?

Simply stated, a watershed is the area of land that contributes water to a certain point. The point that we use on these reports is usually the point where water exits the parcel. The point is marked with a "O." The watershed boundary is drawn in using the following marking: (— • • —). Often times, water will flow off the parcel in two or more directions. In that case, there is a watershed break on the parcel. (— • • —), and there are two or more watersheds on the parcel.

The watershed boundary is important because the area of land in the watershed can now be calculated using an irregular shape area calculator such as a dot counter or planimeter.

Using regional storm event information, and site specific soils and land use information, the peak stormwater flow through the point marked "O" for a specified storm event can be calculated. This value is called a "Q" value (for the given storm event), and is measured in cubic feet per second (CFS).

When construction occurs, the Q value naturally increases because of the increase in impermeable surfaces. This process decreases the ability of soils to accept and temporarily hold water. Therefore, more water runs off and increases the Q value.

Theoretically, if each development, no matter how large or small, maintains their preconstruction Q value after construction by the installation of stormwater management systems,

the streams and wetlands and lakes will not suffer damage from excessive urban stormwater.

For this reason, the McHenry County SWCD recommends that the developer for intense uses such as a subdivision calculate the preconstruction Q value for the exit point(s). A stormwater management system should be designed, installed, and maintained to limit the postconstruction Q value to be at or below the preconstruction value.

Importance of Flood Information

A floodplain is defined as land adjoining a watercourse (riverine) or an inland depression (non-riverine) that is subject to periodic inundation by high water. Floodplains are important areas demanding protection since they have water storage and conveyance functions which affect upstream and down stream flows, water quality and quantity, and suitability of the land for human activity. Since floodplains play distinct and vital roles in the hydrologic cycle, development that interferes with their hydrologic and biologic functions should be carefully considered.

Flooding is both dangerous to people and destructive to their properties. The following maps, when combined with wetland and topographic information, can help developers and future homeowners to "sidestep" potential flooding or ponding problems.

FIRM is the acronym for the Flood Insurance Rate Map, produced by the Federal Emergency Management Agency. These maps define flood elevation adjacent to tributaries and major bodies of water, and superimpose that onto a simplified USGS topographic map. The scale of the FIRM maps is generally dependent on the size and density of parcels in that area. (This is to correctly determine the parcel location and flood plain location.) The FIRM map has three (3) zones. A is the zone of 100 year flood, zone B is the 100 to 500 year flood, and zone C is outside the flood plain.

The Hydrologic Atlas (H.A.) Series of the Flood of Record Map is also used for the topographic information. This map is different from the FIRM map mainly because it will show isolated, or pocketed flooded areas. McHenry County uses

both these maps in conjunction with each other for flooded area determinations. The Flood of Record maps, show the areas of flood for various years. Both of these maps stress that the recurrence of flooding is merely statistical. That is to say a 100-year flood may occur twice in one year, or twice in one week, for that matter.

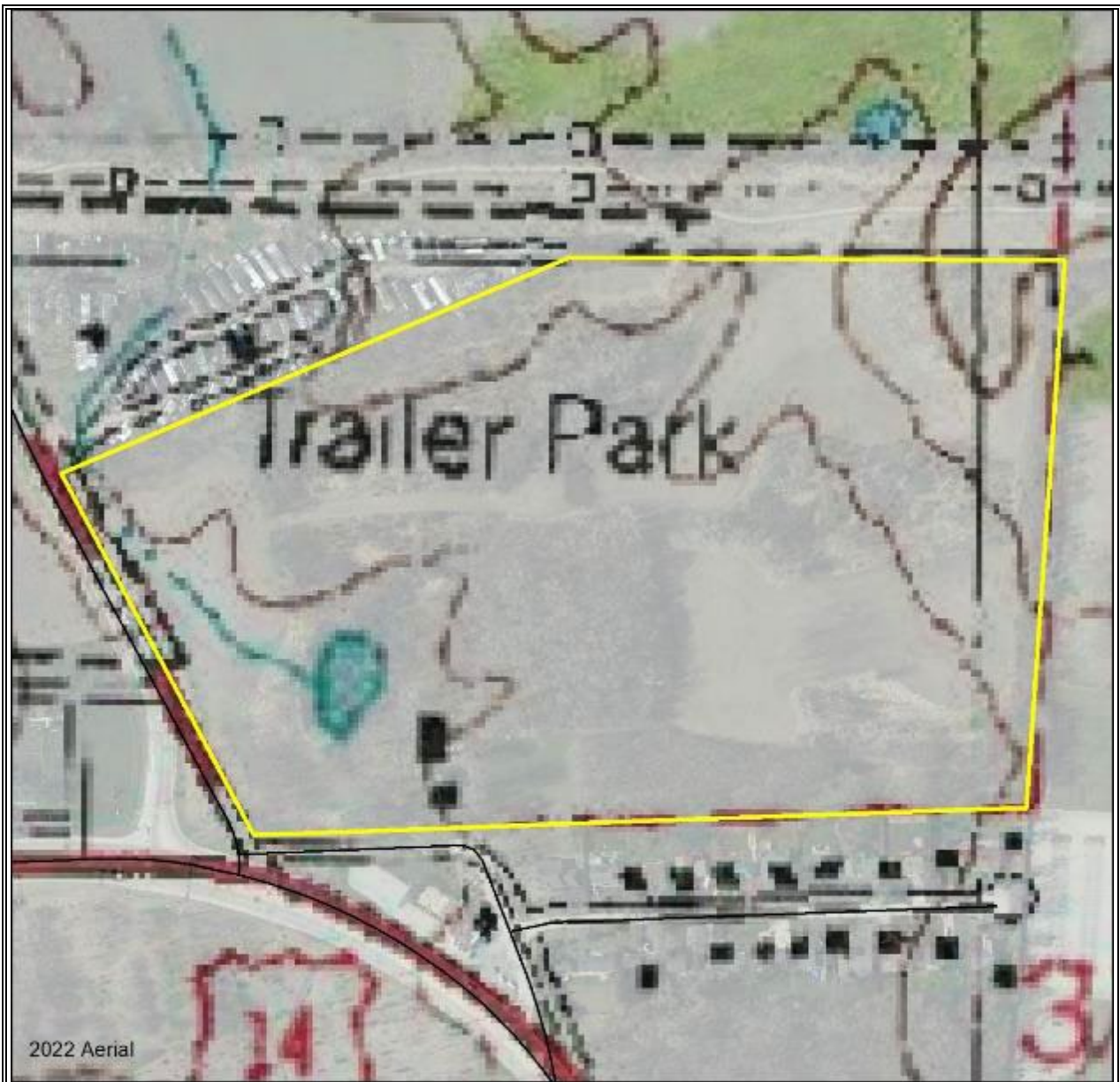
It should be noted that greater floods than those shown on the two maps are possible. The flood boundaries indicated provide a historic record only until the map publication date. Additionally, these flood boundaries are a function of the watershed conditions existing when the maps were produced. Cumulative changes in runoff characteristics caused by urbanization can result in an increase in flood height of future flood episodes.

Floodplains play a vital role in reducing the flood damage potential associated with an urbanizing area and, when left in an undisturbed state, also provide valuable wildlife habitat benefits. If it is the petitioner's intent to conduct floodplain filling or modification activities, the petitioner and the Unit of Government responsible need to consider the potentially

adverse effects this type of action could have on adjacent properties. The change or loss of natural floodplain storage often increases the frequency and severity of flooding on adjacent property.

If the available maps indicate the presence of a floodplain on the PIQ, the petitioner should contact the IDOT-DWR and FEMA to delineate a floodplain elevation for the parcel. If a portion of the property is indeed floodplain, applicable state, county and local regulations will need to be reflected in the site plans.

Another indication of flooding potential can be found in the soils information. Hydric soils indicate the presence of drainageways, areas subject to ponding, or a naturally occurring high water table. These need to be considered along with the floodplain information when developing the site plan and the stormwater management plan. If the site does include these hydric soils and development occurs, thus raising the concerns of the loss of water storage in these soils and the potential for increased flooding in the area.




2022 Aerial

0 95 190 380 570 760 Feet

Produced By: McHenry-Lake County Soil & Water Conservation District

Key To Features

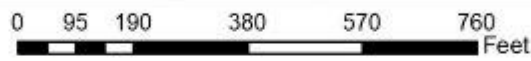
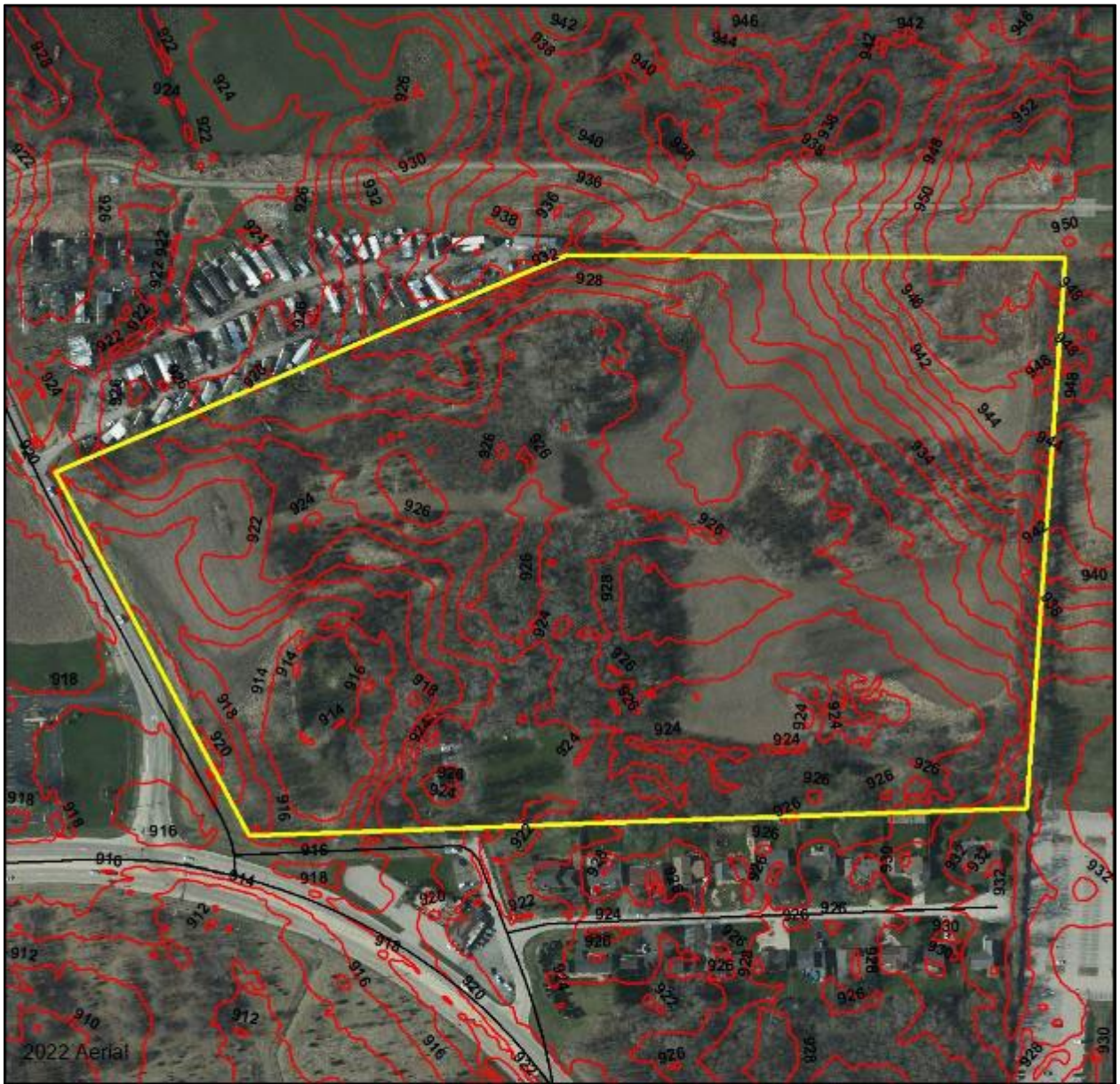
 Parcel Boundary

Flood of Record Map Showing Topographic Information

This parcel is located on rolling topography (slopes 0 to 12%) involving high and low areas (elevation ranges from 914' above sea level to 950' above sea level). An erosion control system should include a sedimentation basin to address these exiting concentrated flows during construction. The same area used for a sedimentation basin during construction can be used for a stormwater retention system after construction.

During construction, temporary vegetation can decrease erosion on the slopes if the area is to be mass graded.

Also, the flood of record for this area indicates 0.39 acres of the parcel has previously flooded (identified in blue).

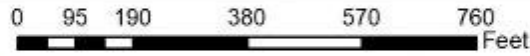


Produced By: McHenry-Lake County Soil & Water Conservation District

Key To Features

-  Parcel Boundary
-  2 Ft Contours





Produced By: McHenry-Lake County Soil & Water Conservation District



Key To Features	
	Parcel Boundary
FEMA Floodplain	
Flood Zone	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	100 yr
	100 yr with base flood elevations determined
	100 yr with 1-3 ft. flood depths
	100 yr usually sheet flow

Federal Emergency Management Agency: Flood Insurance Rate Map Panel 17111C0215J

The map indicates the parcel is outside of the 100-year floodplain.

WATERSHED PLANS

Watershed and Subwatershed Information

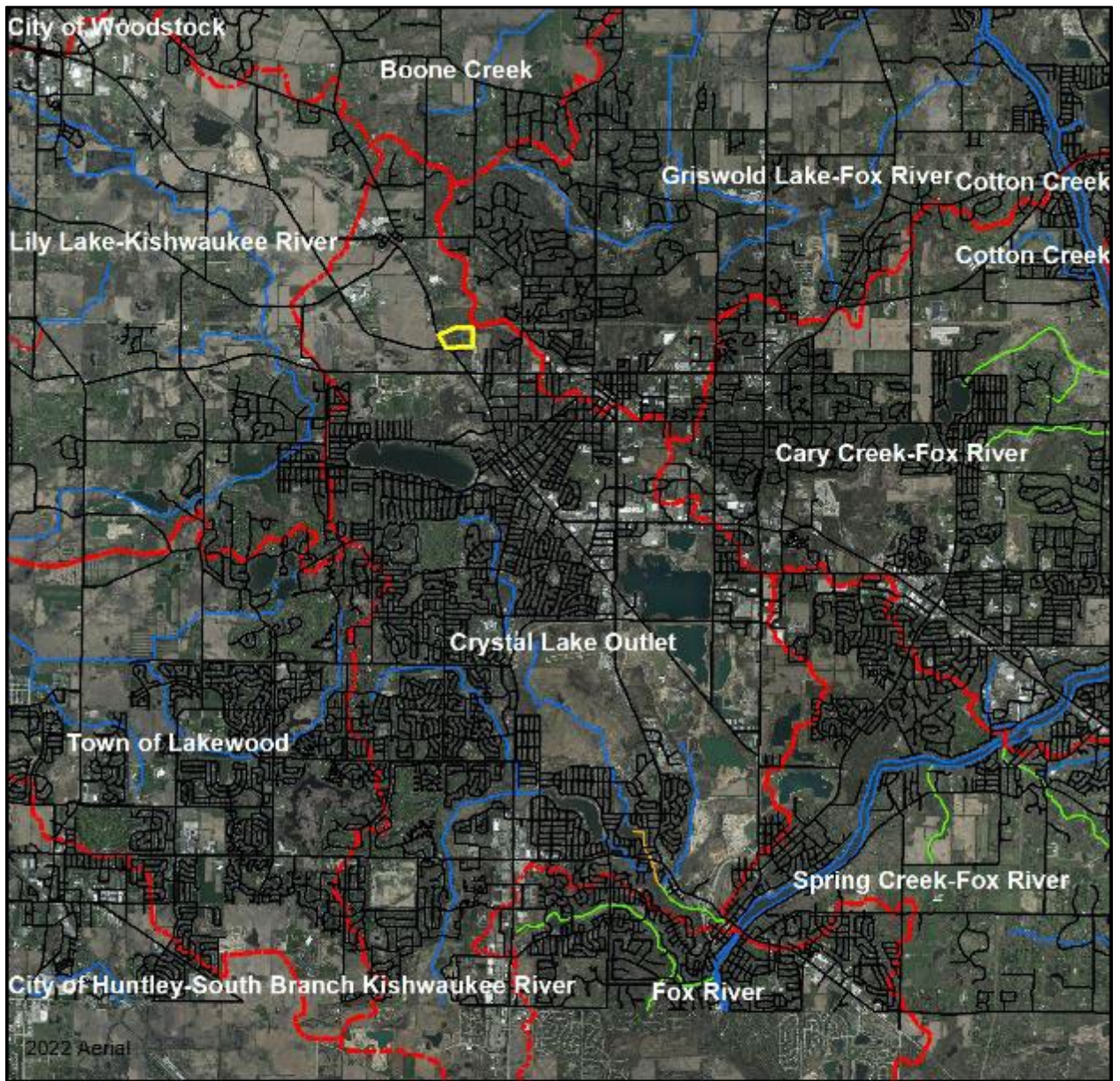
A watershed is the area of land that drains into a specific point including a stream, lake or other body of water. High points on the Earth's surface, such as hills and ridges define watersheds. When rain falls in the watershed, it flows across the ground towards a stream or lake. Rainwater carries any pollutants it comes in contact with such as oils, pesticides, and soil. Everyone lives in a watershed. Their actions can impact natural resources and people living downstream. Residents can minimize this impact by being aware of their environment and implications of their activities, implementing practices recommended in watershed plans and educating others about their watershed.

The parcel is within the Crystal Lake Drain Subwatershed (HUC 12 – 071200061201) of the Lower Fox River Watershed, which encompasses 35,319.28 acres of McHenry County. This watershed is part of the Fox River Ecosystem Partnership. The **Fox River Ecosystem Partnership (FREP)** was formed in 1996 after the Illinois Department of Natural Resources (IDNR) designated a core of high-quality ecological resources in the northern-most watershed as a "Resource Rich Area". Portions of eleven counties, including Lake, McHenry, Kane, Kendall and LaSalle, form the Fox River watershed, which is home to 11% of the state's population. The watershed contains the Fox Chain O'Lakes (one of the nation's busiest inland waterways), many high quality Natural Areas, and suburban areas with some of the highest growth rates in the state.

The Partnership is a diverse group, made up of landowners, businesses, non-profit organizations, agencies and governments within the Fox River Watershed region.

In 1998 FREP began a comprehensive planning process, identifying 16 critical factors and 6 areas of concern. The result was the ***Integrated Management Plan for the Fox River Watershed in Illinois*** that makes 35 recommendations for action.

The petitioner is encouraged to contact their **Communications Manager: Becky Hoag**, at 630/482-9157 or email at: info@foxriverecosystem.org









2022 Aerial



Produced By: McHenry-Lake County Soil & Water Conservation District



Key To Features

 Parcel Boundary	 HUC 12 Watersheds	Rivers & Streams
		High Quality Streams
		 Stream
		 High Quality Aerial Score
		 High Quality IBI
		 High Quality T&E Species

WETLAND INFORMATION

Importance of Wetland Information

Wetlands function in many ways to provide numerous benefits to society. They control flooding by offering a slow release of excess water downstream or through the soil. They cleanse water by filtering out sediment and some pollutants, and can function as rechargers of our valuable groundwater. They also are essential breeding, rearing, and feeding grounds for many species of wildlife.

These benefits are particularly valuable in urbanizing areas as development activity typically adversely affects water quality, increases the volume of stormwater runoff, and increases the demand for groundwater. In an area where many individual homes rely on shallow groundwater wells for domestic water supplies, activities that threaten potential groundwater recharge areas are contrary to the public good. The conversion of wetlands, with their sediment trapping and nutrient absorbing vegetation, to biologically barren stormwater detention ponds can cause additional degradation of water quality in downstream or adjacent areas.

It has been estimated that over 95% of the wetlands that were historically present in Illinois have been destroyed while only recently has the true environmental significance of wetlands been fully recognized. America is losing 100,000 acres of wetland a year, and has saved 5 million acres total (since 1934). One acre of wetland can filter 7.3 million gallons of water a year. These are reasons why our wetlands are high quality and important.

This section contains the NRCS (Natural Resources Conservation Service) Wetlands Inventory, which is the most comprehensive inventory to date. The NRCS Wetlands Inventory is reproduced from an aerial photo at a scale of 1" equals 660 feet. The NRCS developed these maps in cooperation with U.S. EPA (Environmental Protection Agency,) and the U.S. Fish and Wildlife Service, using the National Food Security Act Manual, 3rd Edition. The main purpose of these maps is to determine wetland areas on agricultural fields and areas that may be wetlands but are in a non-agriculture setting.

The NRCS Wetlands Inventory in no way gives an exact delineation of the wetlands, but merely an outline, or the determination that there is a wetland within the outline. For the final, most accurate wetland **determination** of a specific wetland, a wetland **delineation** must be certified by NRCS staff using the National Food Security Act Manual (on agricultural land.) On urban land, a certified wetland delineator must perform the delineation using the ACOE 1987 Manual. *See the glossary section for the definitions of "delineation" and "determination."*



0 95 190 380 570 760 Feet

Produced By: McHenry-Lake County Soil & Water Conservation District

Key To Features	
Parcel Boundary	Farmed Wetland
Farmed Wetland Pasture	Non-inventoried Hydric Soil
Non-inventoried Soil With Hydric Inclusions	Prior Converted
Wetland	

Natural Resources Conservation Service: Wetland Inventory Map.

The map identifies 3 farmed wetlands (FW) totaling 1.67 acres and 1.90 acres of farmed wetland pasture (FWP) on the parcel.

ADID (ADVANCED IDENTIFICATION OF AQUATIC RESOURCES)

Wetlands are some of the most productive and diverse ecological systems on Earth. The unique characteristics of plants, soils, and water distinguish these systems. Marshes, wet meadows, fens and bogs are some of the common wetland types found within McHenry County. There are also various streams scattered throughout the county, including several that rank among the highest quality in Illinois.

These wetlands, lakes and streams provide needed habitat and food for fish and wildlife. Diverse plants both common and rare are can be found in wetlands, and over 40 percent of Illinois' threatened and endangered plant and animal species rely on wetlands.

Wetlands have many other roles. They are critical to the control of flooding by storing vast quantities of runoff water during floods, and releasing it slowly to rivers and streams as the floodwater recedes. This in turn helps to prevent erosion in downstream channels, aids in groundwater recharge, and stabilizes the baseflow in streams and rivers. Wetlands are also crucial in protecting water quality. Wetlands that border lakes and streams prevent erosion by holding soil in place and deflecting erosive flows and waves. They also remove sediment, nutrients, and toxic chemicals from runoff water.

Other benefits include groundwater recharge, discharge of clean water, recreation, enhancement of natural aesthetics and serve as buffers between adjacent developments.

This program designed by the EPA (Environmental Protection Agency), is intended to improve awareness of the functions and values of wetlands and other U.S. waters. It is also intended to inform landowners and developers that high quality sites may not be unsuitable for the disposal of dredged or fill material. These ADID projects can also provide guidance on the long-term protection and management of aquatic resources.

The wetland boundaries shown are not jurisdictional delineations. Any proposed drainage work in wet areas requires a certified wetland determination.

The ADID study identifies 0.88 acres of farmed wetland L33, 0.26 acres of farmed wetland L35, 0.53 acres of farmed wetland L38, and 1.90 acres of wetland L37 on the parcel.



Produced By: McHenry-Lake County Soil & Water Conservation District



Key To Features		
Parcel Boundary	farmed wetland	Rivers & Streams
high functional wetland	high quality lake	High Quality Streams
high quality wetland	lake	Stream
wetland		High Quality Aerial Score
		High Quality IBI
		High Quality T&E Species

Hydric Soils

This rating indicates the percentage of map units that meets the criteria for hydric soils. Map units are composed of one or more map unit components or soil types, each of which is rated as hydric soil or not hydric. Map units that are made up dominantly of hydric soils may have small areas of minor nonhydric components in the higher positions on the landform, and map units that are made up dominantly of nonhydric soils may have small areas of minor hydric components in the lower positions on the landform. Each map unit is rated based on its respective components and the percentage of each component within the map unit.

The thematic map is color coded based on the composition of hydric components. The five color classes are separated as 100 percent hydric components, 66 to 99 percent hydric components, 33 to 65 percent hydric components, 1 to 32 percent hydric components, and less than one percent hydric components.

In Web Soil Survey, the Summary by Map Unit table that is displayed below the map pane contains a column named 'Rating'. In this column the percentage of each map unit that is classified as hydric is displayed.

Hydric soils are defined by the National Technical Committee for Hydric Soils (NTCHS) as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part (Federal Register, 1994). Under natural conditions, these soils are either saturated

or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation.

The NTCHS definition identifies general soil properties that are associated with wetness. In order to determine whether a specific soil is a hydric soil or nonhydric soil, however, more specific information, such as information about the depth and duration of the water table, is needed. Thus, criteria that identify those estimated soil properties unique to hydric soils have been established (Federal Register, 2002). These criteria are used to identify map unit components that normally are associated with wetlands. The criteria used are selected estimated soil properties that are described in "Soil Taxonomy" (Soil Survey Staff, 1999) and "Keys to Soil Taxonomy" (Soil Survey Staff, 2006) and in the "Soil Survey Manual" (Soil Survey Division Staff, 1993).

If soils are wet enough for a long enough period of time to be considered hydric, they should exhibit certain properties that can be easily observed in the field.

These visible properties are indicators of hydric soils. The indicators used to make onsite determinations of hydric soils are specified in "Field Indicators of Hydric Soils in the United States" (Hurt and Vasilas, 2006).

References:

Federal Register. July 13, 1994. Changes in hydric soils of the United States. Federal Register. September 18, 2002. Hydric soils of the United States.

Soils information gives another indication of flooding potential. The soils map on this page indicates the soil(s) on the parcel that the Natural Resources Conservation Service indicates as hydric. Hydric soils by definition have seasonal high water at or near the soil surface and/or have potential flooding or ponding problems. All hydric soils range from poorly suited to unsuitable for building. One group of the hydric soils, are the organic soils, which formed from dead organic material. Organic soils are unsuitable for building because of not only the high water table, but also their subsidence problems.

It is also important to add the possibility of hydric inclusions in a soil type. An inclusion is a soil polygon that is too small to appear on these maps. While relatively insignificant for agricultural use, hydric soil inclusions become more important to more intense uses such as a residential subdivision.

While considering hydric soils and hydric inclusions, it is noteworthy to mention that subsurface agriculture drainage tile occurs in almost all poorly drained and somewhat poorly

drained soils. Drainage tile expedites drainage and facilitates farming. It is imperative that these drainage tiles remain undisturbed. A damaged subsurface drainage tile may return original hydrologic conditions to all of the areas that drained through the tile (ranging from less than one acre to many square miles.)

For an intense land use, such as a subdivision, the McHenry County SWCD recommends the following:

1. A topographical survey with 1 foot contour intervals to accurately define the flood area on the parcel.
2. An intensive soil survey to define most accurately the locations of the hydric soils and inclusions
3. A drainage tile survey on the area to locate the tiles that must be preserved.

In general, the District does not recommend building on hydric soils because of the unfavorable properties they exhibit and because of their long term, negative effects on the structures built.

Hydric Rating by Map Unit				
Map unit symbol	Map unit name	Rating	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes	3	4.1	10.8%
149A	Brenton silt loam, 0 to 2 percent slopes	3	6.8	18.2%
219A	Millbrook silt loam, 0 to 2 percent slopes	0	7.2	19.0%
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	0	0.7	1.9%
310B	McHenry silt loam, 2 to 4 percent slopes	0	9.9	26.2%
361C2	Kidder loam, 4 to 6 percent slopes, eroded	0	3.4	9.0%
361D2	Kidder loam, 6 to 12 percent slopes, eroded	0	5.6	14.8%
Total Hydric			0.0	0.0%

Hydric Rating by Map Unit—McHenry County, Illinois



FLOODING FREQUENCY

Flooding is the temporary inundation of an area caused by overflowing streams, by runoff from adjacent slopes, or by tides. Water standing for short periods after rainfall or snowmelt is not considered flooding, and water standing in swamps and marshes is considered ponding rather than flooding.

Frequency is expressed as none, very rare, rare, occasional, frequent, and very frequent.

"None" means that flooding is not probable. The chance of flooding is nearly 0 percent in any year. Flooding occurs less than once in 500 years.

"Very rare" means that flooding is very unlikely but possible under extremely unusual weather conditions. The chance of flooding is less than 1 percent in any year.

"Rare" means that flooding is unlikely but possible under unusual weather conditions. The chance of flooding is 1 to 5 percent in any year.

"Occasional" means that flooding occurs infrequently under normal weather conditions. The chance of flooding is 5 to 50 percent in any year.

"Frequent" means that flooding is likely to occur often under normal weather conditions. The chance of flooding is more than 50 percent in any year but is less than 50 percent in all months in any year.

"Very frequent" means that flooding is likely to occur very often under normal weather conditions. The chance of flooding is more than 50 percent in all months of any year.

Flooding Frequency Class				
Map unit symbol	Map unit name	Rating	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes	None	4.1	10.8%
149A	Brenton silt loam, 0 to 2 percent slopes	None	6.8	18.2%
219A	Millbrook silt loam, 0 to 2 percent slopes	None	7.2	19.0%
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	None	0.7	1.9%
310B	McHenry silt loam, 2 to 4 percent slopes	None	9.9	26.2%
361C2	Kidder loam, 4 to 6 percent slopes, eroded	None	3.4	9.0%
361D2	Kidder loam, 6 to 12 percent slopes, eroded	None	5.6	14.8%
Totals Flooding			0.0	0.0%

Flooding Frequency Class—McHenry County, Illinois



PONDING FREQUENCY

Ponding is standing water in a closed depression. The water is removed only by deep percolation, transpiration, or evaporation or by a combination of these processes. Ponding frequency classes are based on the number of times that ponding occurs over a given period. Frequency is expressed as none, rare, occasional, and frequent.

"None" means that ponding is not probable. The chance of ponding is nearly 0 percent in any year.

"Rare" means that ponding is unlikely but possible under unusual weather conditions. The chance of ponding is nearly 0 percent to 5 percent in any year.

"Occasional" means that ponding occurs, on the average, once or less in 2 years. The chance of ponding is 5 to 50 percent in any year.

"Frequent" means that ponding occurs, on the average, more than once in 2 years. The chance of ponding is more than 50 percent in any year.

Ponding Frequency Class				
Map unit symbol	Map unit name	Rating	Acres	Percent
134B	Camden silt loam, 2 to 5 percent slopes	None	4.1	10.8%
149A	Brenton silt loam, 0 to 2 percent slopes	None	6.8	18.2%
219A	Millbrook silt loam, 0 to 2 percent slopes	None	7.2	19.0%
290C2	Warsaw loam, 4 to 6 percent slopes, eroded	None	0.7	1.9%
310B	McHenry silt loam, 2 to 4 percent slopes	None	9.9	26.2%
361C2	Kidder loam, 4 to 6 percent slopes, eroded	None	3.4	9.0%
361D2	Kidder loam, 6 to 12 percent slopes, eroded	None	5.6	14.8%
Total Ponding			0.0	0.0%



WETLAND AND FLOODPLAIN REGULATIONS

PLEASE READ THE FOLLOWING IF YOU ARE PLANNING TO DO ANY WORK NEAR A STREAM (THIS INCLUDES SMALL UNNAMED STREAMS), LAKE, WETLAND OR FLOODWAY.

The laws of the United States and the State of Illinois assign certain agencies specific and different regulatory roles to protect the waters within the State's boundaries. These roles, when considered together, include protection of navigation channels and harbors, protection against flood way encroachments, maintenance and enhancement of water quality, protection of fish and wildlife habitat and recreational resources, and, in general, the protection of total public interest. Unregulated use of the waters within the State of Illinois could permanently destroy or alter the character of these valuable resources and adversely impact the public. Therefore, please contact the proper regulatory authorities when planning any work associated with Illinois waters so that proper consideration and approval can be obtained.

WHO MUST APPLY

Anyone proposing to dredge, fill, rip rap, or otherwise alter the banks or beds of, or construct, operate, or maintain any dock, pier, wharf, sluice, dam, piling, wall, fence, utility, flood plain or flood way subject to County, State or Federal regulatory jurisdiction should apply for agency approvals.

REGULATORY AGENCIES:

- ◆ **Wetlands or U.S. Waters:** U.S. Army Corps of Engineers, Chicago District, 231 S. LaSalle St., Suite 1500 Chicago, IL 60604
Phone: (312) 846-5330
- ◆ **Isolated Wetlands and Floodplain:** McHenry County Department of Planning & Development Stormwater Division, 2200 N. Seminary Ave., Woodstock, IL 60098
Phone: (815) 334-4560
- ◆ **Flood plains:** Illinois Department of Natural Resources \ Office of Water Resources, 201 W. Center Court, Schaumburg, IL 60196-1096, phone (847).705.
- ◆ **Water Quality \ Erosion Control:** Illinois Environmental Protection Agency, Division of Water Pollution Control, Permit Section, Watershed Unit, 2200 Churchill Road, Springfield, IL 62706, phone (217).782.0610.

COORDINATION

We recommend Early coordination with the regulatory agencies BEFORE finalizing work plans. This allows the agencies to recommend measures to mitigate or compensate for adverse impacts. Also, the agency can make possible environmental enhancement provisions early in the project planning stages. This could reduce time required to process necessary approvals.

CAUTION: Contact with the United States Army Corps of Engineers is strongly advised before commencement of any work in or near a water of the United States. This could save considerable time and expense. Persons responsible for willful and direct violation of Section 10 of the River And Harbor Act of 1899 or Section 404 of the Federal Water Pollution Control Act are subject to fines ranging up to \$27,500 per day of violation and imprisonment for up to one year or both.

THREATENED & ENDANGERED SPECIES

The State of Illinois provides habitat for 500 threatened and endangered species, including 356 plants and 144 animals. Twelve counties in Illinois have 50 or more endangered species, 5 of which are in northeastern Illinois. ("Endangered Species of Illinois," by the U.S. Fish & Wildlife Service, IDOC Division of Natural Heritage & Endangered Species Protection Board).

Approximately 40% of the state's listed species depend on wetlands for survival. The two main causes for species decline are the loss of habitat and the degradation of habitat. While habitat loss is the primary reason species become endangered, the effects of habitat change are not always seen overnight. It is seldom simply a case of individual animals or plants being killed. More often, habitat loss and the resulting species declines are indirectly caused and are the result of cumulative impacts over a period of time.

It is because of this slow encroachment of habitat degradation, fragmentation and loss that wildlife habitat must be looked at on a greater scale than just

the site. Cumulative impacts occur because a small amount of damage is being done over here and little over there and no one is looking at the whole picture. Thus, the villages and county are strongly encouraged to look at habitat management on a regional scale.

THERE IS A POSSIBILITY FOR ENDANGERED SPECIES ON THE SITE. IF A REQUEST HAS NOT ALREADY BEEN SUBMITTED, THE PETITIONER SHOULD ASK THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES TO CHECK THIS PARCEL FOR THE PRESENCE OF THREATENED OR ENDANGERED SPECIES. SHOULD ANY SUCH SPECIES BE IDENTIFIED AS UTILIZING THIS PARCEL, THE PETITIONER WILL BE NOTIFIED ACCORDINGLY. FOR MORE INFORMATION ON HOW TO REQUEST AN ENDANGERED SPECIES CHECK ON THIS PARCEL, PLEASE VISIT www.dnrecocat.state.il.us/ecopublic.

GLOSSARY

AGRICULTURAL PROTECTION AREAS (AG AREAS) - Allowed by P.A. 81-1173. An AG AREA consists of a minimum of 350 acres of farmland, as contiguous and compact as possible. Petitioned by landowners, AG AREAS protect for a period of ten years initially, then reviewed every eight years thereafter. AG AREA establishment exempts landowners from local nuisance ordinances directed at farming operations, and designated land can not receive special tax assessments on public improvements that do not benefit the land, e.g. water and sewer lines.

AGRICULTURE - The growing, harvesting and storing of crops including legumes, hay, grain, fruit and truck or vegetable including dairying, poultry, swine, sheep, beef cattle, pony and horse production, fur farms, and fish and wildlife farms; farm buildings used for growing, harvesting and preparing crop products for market, or for use on the farm; roadside stands, farm buildings for storing and protecting farm machinery and equipment from the elements, for housing livestock or poultry and for preparing livestock or poultry products for market; farm dwellings occupied by farm owners, operators, tenants or seasonal or year around hired farm workers.

B.G. - Below Grade. Under the surface of the Earth.

BEDROCK - Indicates depth at which bedrock occurs. Also lists hardness as rippable or hard.

FLOODING - Indicates frequency, duration, and period during year when floods are likely to occur.

HIGH LEVEL MANAGEMENT - The application of effective practices adapted to different crops, soils, and climatic conditions. Such practices include providing for adequate soil drainage, protection from flooding, erosion and runoff control, near optimum tillage, and planting the correct kind and amount of high quality seed. Weeds, diseases, and harmful insects are controlled. Favorable soil reaction and near optimum levels of available nitrogen, phosphorus, and potassium for individual crops are maintained. Efficient use is made of available crop residues, barnyard manure, and/or green manure crops. All operations, when combined efficiently and timely, can create favorable growing conditions and reduce harvesting losses -- within limits imposed by weather.

HIGH WATER TABLE - A seasonal high water table is a zone of saturation at the highest average

depth during the wettest part of the year. May be apparent, perched, or artesian kinds of water tables.

Water Table, Apparent - A thick zone of free water in the soil. An apparent water table is indicated by the level at which water stands in an uncased borehole after adequate time is allowed for adjustment in the surrounding soil.

Water Table, Artesian - A water table under hydrostatic head, generally beneath an impermeable layer. When this layer is penetrated, the water level rises in an uncased borehole.

Water Table, Perched - A water table standing above an unsaturated zone. In places an upper, or perched, water table is separated from a lower one by a dry zone.

DELINEATION - For Wetlands: A series of orange flags placed on the ground by a certified professional that outlines the wetland boundary on a parcel.

DETERMINATION - A polygon drawn on a map using map information that gives an outline of a wetland.

HYDRIC SOIL - This type of soil is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part (USDA Natural Resources Conservation Service 1987)

INTENSIVE SOIL MAPPING - Mapping done on a smaller more intensive scale than a modern soil survey to determine soil properties of a specific site, e.g. mapping for septic suitability.

LAND EVALUATION AND SITE

ASSESSMENT (L.E.S.A.) - LESA is a systematic approach for evaluating a parcel of land and to determine a numerical value for the parcel for farmland preservation purposes.

MODERN SOIL SURVEY - A soil survey is a field investigation of the soils of a specific area, supported by information from other sources. The kinds of soil in the survey area are identified and their extent shown on a map, and an accompanying report describes, defines, classifies, and interprets the soils. Interpretations predict the behavior of the soils under different used and the soils' response to management. Predictions are made for areas of soil at specific places. Soils information collected in a soil survey is useful in developing land-use plans and alternatives involving soil management systems and in evaluating and predicting the effects of land use.

PALUSTRINE - Name given to inland fresh water wetlands

PERMEABILITY - Values listed estimate the range (in rate and time) it takes for downward movement of water in the major soil layers when saturated, but allowed to drain freely. The estimates are based on soil texture, soil structure, available data on permeability and infiltration tests, and observation of water movement through soils or other geologic materials.

PIQ - Parcel in question

POTENTIAL FROST ACTION - Damage that may occur to structures and roads due to ice lens formation causing upward and lateral soil movement. Based primarily on soil texture and wetness.

PRIME FARMLAND - Prime farmland soils are lands that are best suited to food, feed, forage, fiber and oilseed crops. It may be cropland, pasture, woodland, or other land, but it is not urban and built up land or water areas. It either is used for food or fiber or is available for those uses. The soil qualities, growing season, and moisture supply are those needed for a well managed soil economically to produce a sustained high yield of crops. Prime farmland produces in highest yields with minimum inputs of energy and economic resources, and farming the land results in the least damage to the environment.

Prime farmland has an adequate and dependable supply of moisture from precipitation or irrigation. The temperature and growing season are favorable. The level of acidity or alkalinity is acceptable. Prime farmland has few or no rocks and is permeable to water and air. It is not excessively erodible or saturated with water for long periods and is not frequently flooded during the growing season. The slope ranges mainly from 0 to 5 percent. (Source USDA Natural Resources Conservation Service)

PRODUCTIVITY INDEXES - Productivity indexes for grain crops express the estimated yields of the major grain crops grown in Illinois as a single percentage of the average yields obtained under basic management from several of the more productive soils in the state. This group of soils is composed of the Muscatine, Ipava, Sable, Lisbon, Drummer, Flanagan, Littleton, Elburn and Joy soils. Each of the 425 soils found in Illinois are found in Circular 1156 from the Illinois Cooperative Extension Service.

SEASONAL - When used in reference to wetlands indicates that the area is flooded only during a portion of the year.

SHRINK-SWELL POTENTIAL - Indicates volume changes to be expected for the specific soil material with changes in moisture content.

SOIL MAPPING UNIT - A map unit is a collection of soil areas of miscellaneous areas delineated in mapping. A map unit is generally an aggregate of the delineations of many different bodies of a kind of soil or miscellaneous area but may consist of only one delineated body. Taxonomic class names and accompanying phase terms are used to name soil map units. They are described in terms of ranges of soil properties within the limits defined for taxa and in terms of ranges of taxadjuncts and inclusions.

SOIL SERIES - A group of soils, formed from a particular type of parent material, having horizons that, except for texture of the A or surface horizon, are similar in all profile characteristics and in arrangement in the soil profile. Among these characteristics are color, texture, structure, reaction, consistence, and mineralogical and chemical composition.

SUBSIDENCE - Applies mainly to organic soils after drainage. Soil material subsides due to shrinkage and oxidation.

TERRAIN - The area or surface over which a particular rock or group of rocks is prevalent.

TOPSOIL - That portion of the soil profile where higher concentrations of organic material, fertility, bacterial activity and plant growth take place. Depths of topsoil vary between soil types.

WATERSHED - An area of land that drains to an associated water resource such as a wetland, river or lake. Depending on the size and topography, watersheds can contain numerous tributaries, such as streams and ditches, and ponding areas such as detention structures, natural ponds and wetlands.

WETLAND - An area that has a predominance of hydric soils and that is inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and under normal circumstances does support, a prevalence of

hydrophytic vegetation typically adapted for life in saturated soil conditions.

REFERENCES

- A Citizens' Guide to Protecting Wetlands. By The National Wildlife Federation. Washington, D.C., March 1989
- Agricultural Areas Inventory
McHenry County Soil & Water Conservation District
- FIRM - Flood Insurance Rate Maps for McHenry County. Prepared by FEMA - Federal Emergency Management Agency.
- Flood of Record (Hydrologic Atlas) for McHenry County
U.S. Geologic Survey
- Geologic Mapping for Environmental Planning, McHenry County, Illinois. Department of Natural Resources Illinois State Geological Survey, Circular 559, 1997
- Geology For Planning in Boone and Winnebago Counties. State Geological Survey Division, Circular 531. 1984
- Hydrologic Unit Map for McHenry County.
Natural Resources Conservation Service, United States Department of Agriculture
- Hydric Soils of the United States. USDA Natural Resources Conservation Service, 1987.
- Illinois Natural Areas Inventory
Illinois Department of Natural Resources
- Land Evaluation and Site Assessment System. 2005. The McHenry County Department of Planning and McHenry County Soil and Water Conservation District. In cooperation with: USDS, Natural Resources Conservation Service
- McHenry County Advanced Identification of Wetlands (ADID)
Northeastern Illinois Planning Commission
- McHenry County Health Code relating to septic system suitability
- McHenry County 2030 Land Use Plan
McHenry County Dept. of Planning and Development
- McHenry County Natural Areas Inventory
McHenry County Conservation District
- McHenry County, Illinois Fire Protection Districts
McHenry County Dept. of Planning and Development
- McHenry County, Illinois Historic Landmarks
McHenry County Historic Preservation Committee
- Natural Resources Conservation Service Wetland Inventory Map. United States Department of Agriculture
- The Conservation of Biological Diversity in the Great Lakes Ecosystem: Issues and Opportunities, prepared by the Nature Conservancy Great Lakes Program 79W. Monroe Street, Suite 1309, Chicago, IL 60603, January 1994
- Wetlands - The Corps of Engineers' Administration of the Section 404 Program July 1988 (GAO/RCED-88-110)
- Soil Erosion by Water - United States Department of Agriculture Natural Resources Conservation Service. Agriculture Information Bulletin 513.
- Soil Survey of McHenry County, Illinois Part 1 and Part 2
Natural Resources Conservation Service, United States Department of Agriculture.

CLASS III – SPECIAL RESOURCE GROUNDWATER

This document is a compilation of Administrative Codes which relate to Class III –
Special Resource Groundwater.

Joint Committee on Administrative Rules **ADMINISTRATIVE CODE**

**TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER I: POLLUTION CONTROL BOARD
PART 620 GROUNDWATER QUALITY
SECTION 620.230 CLASS III: SPECIAL RESOURCE GROUNDWATER**

Section 620.230 Class III: Special Resource Groundwater

Except as provided in Section 620.250, Special Resource Groundwater is:

- a) Groundwater that is determined by the Board, pursuant to the procedures set forth in Section 620.260, to be:
 - 1) Demonstrably unique (e.g., irreplaceable sources of groundwater) and suitable for application of a water quality standard more stringent than the otherwise applicable water quality standard specified in Subpart D; or
 - 2) Vital for a particularly sensitive ecological system.
- b) Groundwater that contributes to a dedicated nature preserve that is listed by the Agency as set forth below:
 - 1) A written request to list a dedicated nature preserve under this subsection must contain, at a minimum, the following information:
 - A) A general description of the site and the surrounding land use;
 - B) A topographic map or other map of suitable scale denoting the location of the dedicated nature preserve;

- C) A general description of the existing groundwater quality at and surrounding the dedicated nature preserve;
 - D) A general geologic profile of the dedicated nature preserve based upon the most reasonably available information, including but not limited to geologic maps and subsurface groundwater flow directions; and
 - E) A description of the interrelationship between groundwater and the nature of the site.
- 2) Upon confirmation by the Agency of the technical adequacy of a written request, the Agency shall publish the proposed listing of the dedicated nature preserve in the Environmental Register for a 45-day public comment period. Within 60 days after the close of the public comment period, the Agency shall either publish a final listing of the dedicated nature preserve in the Environmental Register or provide a written response to the requestor specifying the reasons for not listing the dedicated nature preserve.
 - 3) At least once annually, the Agency shall publish in the Environmental Register a complete listing of all dedicated nature preserves listed under this subsection (b).

Joint Committee on Administrative Rules
ADMINISTRATIVE CODE

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER I: POLLUTION CONTROL BOARD
PART 620 GROUNDWATER QUALITY
SECTION 620.430 GROUNDWATER QUALITY STANDARDS FOR CLASS III:
SPECIAL RESOURCE GROUNDWATER

Section 620.430 Groundwater Quality Standards for Class III: Special Resource Groundwater

Concentrations of inorganic and organic chemical constituents must not exceed the standards set forth in Section 620.410, except for those chemical constituents for which the Board has adopted a standard pursuant to Section 620.260.

- 4) For purposes of this Section the term "dedicated nature preserve" means a nature preserve that is dedicated pursuant to the Illinois Natural Areas Preservation Act [525 ILCS 30].

(Source: Amended at 21 Ill. Reg. 6518, effective May 8, 1997)

Joint Committee on Administrative Rules
ADMINISTRATIVE CODE

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER I: POLLUTION CONTROL BOARD
PART 620 GROUNDWATER QUALITY
SECTION 620.410 GROUNDWATER QUALITY STANDARDS FOR CLASS I: POTABLE RESOURCE GROUNDWATER

Section 620.410 Groundwater Quality Standards for Class I: Potable Resource Groundwater

- a) Inorganic Chemical Constituents
Except due to natural causes or as provided in Section 620.450, concentrations of the following chemical constituents must not be exceeded in Class I groundwater:

Constituent	Units	Standard
Antimony	mg/L	0.006
Arsenic*	mg/L	0.010
Barium	mg/L	2.0
Beryllium	mg/L	0.004
Boron	mg/L	2.0
Cadmium	mg/L	0.005
Chloride	mg/L	200.0
Chromium	mg/L	0.1
Cobalt	mg/L	1.0
Copper	mg/L	0.65
Cyanide	mg/L	0.2
Fluoride	mg/L	4.0
Iron	mg/L	5.0
Lead	mg/L	0.0075
Manganese	mg/L	0.15

Mercury	mg/L	0.002
Nickel	mg/L	0.1
Nitrate as N	mg/L	10.0
Perchlorate	mg/L	0.0049
Radium-226	pCi/l	20.0
Radium-228	pCi/l	20.0
Selenium	mg/L	0.05
Silver	mg/L	0.05
Sulfate	mg/L	400.0
Thallium	mg/L	0.002
Total Dissolved Solids (TDS)	mg/L	1,200
Vanadium	mg/L	0.049
Zinc	mg/L	5.0

*Denotes a carcinogen.

b) Organic Chemical Constituents

Except due to natural causes or as provided in Section 620.450 or subsection (d), concentrations of the following organic chemical constituents shall not be exceeded in Class I groundwater:

Constituent	Standard (mg/L)
Acenaphthene	0.42
Acetone	6.3
Alachlor*	0.002
Aldicarb	0.003
Anthracene	2.1
Atrazine	0.003
Benzene*	0.005
Benzo(a)anthracene*	0.00013
Benzo(b)fluoranthene*	0.00018
Benzo(k)fluoranthene*	0.00017
Benzo(a)pyrene*	0.0002
Benzoic acid	28.0
2-Butanone (MEK)	4.2
Carbofuran	0.04
Carbon Disulfide	0.7
Carbon Tetrachloride*	0.005
Chlordane*	0.002
Chloroform*	0.07
Chrysene*	0.012
Dalapon	0.2
Dibenzo(a,h)anthracene*	0.0003
Dicamba	0.21

Dichlorodifluoromethane	1.4
1,1-Dichloroethane	1.4
Dichloromethane*	0.005
Di(2-ethylhexyl)phthalate*	0.006
Diethyl Phthalate	5.6
Di-n-butyl Phthalate	0.7
Dinoseb	0.007
Endothall	0.1
Endrin	0.002
Ethylene Dibromide*	0.00005
Fluoranthene	0.28
Fluorene	0.28
Heptachlor*	0.0004
Heptachlor Epoxide*	0.0002
Hexachlorocyclopentadiene	0.05
Indeno(1,2,3-cd)pyrene*	0.00043
Isopropylbenzene (Cumene)	0.7
Lindane (Gamma-Hexachlorocyclohexane)	0.0002
2,4-D	0.07
ortho-Dichlorobenzene	0.6
para-Dichlorobenzene	0.075
1,2-Dibromo-3-Chloropropane*	0.0002
1,2-Dichloroethane*	0.005
1,1-Dichloroethylene	0.007
cis-1,2-Dichloroethylene	0.07
trans-1,2-Dichloroethylene	0.1
1,2-Dichloropropane*	0.005
Ethylbenzene	0.7
MCPP (Mecoprop)	0.007
Methoxychlor	0.04
2-Methylnaphthalene	0.028
2-Methylphenol	0.35
Methyl Tertiary-Butyl Ether (MTBE)	0.07
Monochlorobenzene	0.1
Naphthalene	0.14
P-Dioxane*	0.0077
Pentachlorophenol*	0.001
Phenols	0.1
Picloram	0.5
Pyrene	0.21
Polychlorinated Biphenyls (PCBs) (as decachloro-biphenyl)*	0.0005

alpha-BHC (alpha-Benzene hexachloride)*	0.00011
Simazine	0.004
Styrene	0.1
2,4,5-TP (Silvex)	0.05
Tetrachloroethylene*	0.005
Toluene	1.0
Toxaphene*	0.003
1,1,1-Trichloroethane	0.2
1,1,2-Trichloroethane	0.005
1,2,4-Trichlorobenzene	0.07
Trichloroethylene*	0.005
Trichlorofluoromethane	2.1
Vinyl Chloride*	0.002
Xylenes	10.0

*Denotes a carcinogen.

- c) Explosive Constituents
Concentrations of the following explosive constituents must not exceed the Class I groundwater standard:

Constituent	Standard (mg/L)
1,3-Dinitrobenzene	0.0007
2,4-Dinitrotoluene*	0.0001
2,6-Dinitrotoluene*	0.00031
HMX (High Melting Explosive, Octogen)	1.4
Nitrobenzene	0.014
RDX (Royal Demolition Explosive, Cyclonite)	0.084
1,3,5-Trinitrobenzene	0.84
2,4,6-Trinitrotoluene (TNT)	0.014

*Denotes a carcinogen.

- d) Complex Organic Chemical Mixtures

Concentrations of the following chemical constituents of gasoline, diesel fuel, or heating fuel must not be exceeded in Class I groundwater:

Constituent	Standard (mg/L)
Benzene*	0.005
BETX	11.705

*Denotes a carcinogen.

- e) pH
Except due to natural causes, a pH range of 6.5 - 9.0 units must not be exceeded in Class I groundwater.
- f) Beta Particle and Photon Radioactivity
- 1) Except due to natural causes, the average annual concentration of beta particle and photon radioactivity from man-made radionuclides shall not exceed a dose equivalent to the total body organ greater than 4 mrem/year in Class I groundwater. If two or more radionuclides are present, the sum of their dose equivalent to the total body, or to any internal organ shall not exceed 4 mrem/year in Class I groundwater except due to natural causes.
 - 2) Except for the radionuclides listed in subsection (f)(3), the concentration of man-made radionuclides causing 4 mrem total body or organ dose equivalent must be calculated on the basis of a 2 liter per day drinking water intake using the 168-hour data in accordance with the procedure set forth in NCRP Report Number 22, incorporated by reference at Section 620.125(a).
 - 3) Except due to natural causes, the average annual concentration assumed to produce a total body or organ dose of 4 mrem/year of the following chemical constituents shall not be exceeded in Class I groundwater:

Constituent	Critical Organ	Standard (pCi/L)
Tritium	Total body	20,000.0
Strontium-90	Bone marrow	8.0

(Source: Amended at 36 Ill. Reg. 15206, effective October 5, 2012)

Joint Committee on Administrative Rules
ADMINISTRATIVE CODE

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER I: POLLUTION CONTROL BOARD
PART 620 GROUNDWATER QUALITY

SECTION 620.260 RECLASSIFICATION OF GROUNDWATER BY ADJUSTED STANDARD

Section 620.260 Reclassification of Groundwater by Adjusted Standard

Any person may petition the Board to reclassify a groundwater in accordance with the procedures for adjusted standards specified in Section 28.1 of the Act and 35 Ill. Adm. Code 106.Subpart G. In any proceeding to reclassify specific groundwater by adjusted standard, in addition to the requirements of 35 Ill. Adm. Code 106.Subpart G, and Section 28.1(c) of the Act, the petition shall, at a minimum, contain information to allow the Board to determine:

- a) The specific groundwater for which reclassification is requested, including but not limited to geographical extent of any aquifers, depth of groundwater, and rate and direction of groundwater flow and that the specific groundwater exhibits the characteristics of the requested class as set forth in Section 620.210(b), 620.220(b), 620.230, or 620.240;
- b) Whether the proposed change or use restriction is necessary for economic or social development, by providing information including, but not limited to, the impacts of the standards on the regional economy, social benefits such as loss of jobs or closing of facilities, and economic analysis contrasting the health and environmental benefits with costs likely to be incurred in meeting the standards would be beneficial or necessary;
- c) Existing and anticipated uses of the specific groundwater;
- d) Existing and anticipated quality of the specific groundwater;
- e) Existing and anticipated contamination, if any, of the specific groundwater;
- f) Technical feasibility and economic reasonableness of eliminating or reducing contamination of the specific groundwater or of maintaining existing water quality;
- g) The anticipated time period over which contaminants will continue to affect the specific groundwater;
- h) Existing and anticipated impact on any potable water supplies due to contamination;
- i) Availability and cost of alternate water sources or of treatment for those users adversely affected;
- j) Negative or positive effect on property values; and
- k) For special resource groundwater, negative or positive effect on:

- 1) The quality of surface waters; and
- 2) Wetlands, natural areas, and the life contained therein, including endangered or threatened species of plant, fish or wildlife listed pursuant to the Endangered Species Act, 16 U.S.C. 1531 et seq., or the Illinois Endangered Species Protection Act [415 ILCS 10].

(Source: Amended at 21 Ill. Reg. 6518, effective May 8, 1997)



September 10, 2025

Paul Bottum
Developer
7716 US Hwy 14
Crystal Lake, IL 60172

**RE: Korver Solar, LLC
Consultation Program
EcoCAT Review #2604816
McHenry County**

Dear Mr. Bottum:

The Department has received your submission for this project for the purposes of consultation pursuant to the *Illinois Endangered Species Protection Act* [520 ILCS 10/11], the *Illinois Natural Areas Preservation Act* [525 ILCS 30/17], and Title 17 *Illinois Administrative Code Part 1075*.

The proposed action consists of developing a 4MWac Community Solar facility.

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Illinois Nature Preserves Commission Lands
Lake in the Hills Fen Class 3 Groundwater (C3GW)

State Threatened or Endangered Species
Blanding's Turtle (*Emydoidea blandingii*)

Due to the project scope and proximity to protected resources the Department recommends the following actions be taken to avoid adversely impacting listed species and/or protected natural area in the vicinity of the project:

Lake in the Hills Fen C3GW

This project falls completely within the Lake in the Hills Fen Class 3 Groundwater recharge area, which protects the integrity of the Lake in the Hills Fen Nature Preserve. The modification of groundwater quality and quantity which may affect conditions within a Nature Preserve is prohibited. The Department recommends the following to avoid and minimize impact to Lake in the Hills Fen Class 3 Groundwater:

- Use the lightest weight equipment possible to complete the job.
- Balloon or large tires should be used whenever possible to reduce compaction.
- Disc site upon completion to de-compact the surface after final soil is placed to ensure good infiltration.
- Naturalized permeable basins and swales should be part included in the design.

Blanding's Turtle

EcoCAT has indicated records for the state-listed Blanding's Turtle in vicinity of the project area. The Blanding's Turtle forages and hibernates in wetlands and, depending on the temperature, emerges in the spring with upland nesting occurring in open fields, preferably in sandy soils in late spring or early summer. The Department recommends:

- Install exclusionary silt fence by the end of March and maintain it through October (if needed) to prevent turtles from entering the construction area. Conduct daily inspections during construction to ensure that exclusionary fencing is properly installed (dug into the ground) and to check if turtles are present.
- Cover trenches at the end of each workday. Before starting each workday, trenches and excavations should be routinely inspected to ensure no turtles (or other amphibians and reptiles) have become trapped within them.

Given the above recommendations are adopted the Department has determined that impacts to these protected resources are unlikely. The Department has determined impacts to other protected resources in the vicinity of the project location are also unlikely.

In accordance with 17 Ill. Adm. Code 1075.40(h), please notify the Department of your decision regarding these recommendations.

Consultation on the part of the Department is closed, unless the applicant desires additional information or advice related to this proposal. Consultation for Part 1075 is valid for two years unless new information becomes available which was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the action has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal and should not be regarded as a final statement on the project being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are unexpectedly encountered during the project's implementation, the applicant must comply with the applicable statutes and regulations.

This letter does not serve as permission to take any listed or endangered species. As a reminder, no take of an endangered species is permitted without an Incidental Take Authorization or the required permits. Anyone who takes a listed or endangered species without an Incidental Take Authorization or required permit may be subject to criminal and/or civil penalties pursuant to the

Illinois Endangered Species Act, the Fish and Aquatic Life Act, the Wildlife Code and other applicable authority.

The Department also offers the following conservation measures be considered to help protect native wildlife and enhance natural areas in the project area:

If temporary or permanent lighting is required, the Department recommends the following lighting recommendation to minimize adverse effects to wildlife:

- All lighting should be fully shielded fixtures that emit no light upward.
- Only “warm-white” or filtered LEDs (CCT < 3,000 K; S/P ratio < 1.2) should be used to minimize blue emission.
- Only light the exact space with the amount (lumens) needed to meet facility safety requirement.
- If LEDs are to be used, avoid the temptation to over-light based on the higher luminous efficiency of LEDs.

If erosion control blanket is to be used, the Department also recommends that wildlife-friendly plastic-free blanket be used around wetlands and adjacent to natural areas, if not feasible to implement project wide, to prevent the entanglement of native wildlife.

Please contact Grant Gebhards (grant.m.gebhards@illinois.gov) with any questions about this review.

Sincerely,



Bradley Hayes
Manager, Impact Assessment Section
Division of Real Estate Services and Consultation
Office of Realty & Capital Planning
Illinois Department of Natural Resources
One Natural Resources Way
Springfield, IL 62702
Bradley.Hayes@Illinois.gov
Phone: (217) 782-0031

STANDARD AGRICULTURAL IMPACT MITIGATION AGREEMENT

between
Korver Solar, LLC

and the
ILLINOIS DEPARTMENT OF AGRICULTURE
Pertaining to the Construction of a Commercial Solar Energy Facility
in
McHenry County, Illinois

Pursuant to the Renewable Energy Facilities Agricultural Impact Mitigation Act (505 ILCS 147), the following standards and policies are required by the Illinois Department of Agriculture (IDOA) to help preserve the integrity of any Agricultural Land that is impacted by the Construction and Deconstruction of a Commercial Solar Energy Facility. They were developed with the cooperation of agricultural agencies, organizations, Landowners, Tenants, drainage contractors, and solar energy companies to comprise this Agricultural Impact Mitigation Agreement (AIMA).

Korver Solar, LLC, hereafter referred to as Commercial Solar Energy Facility Owner, or simply as Facility Owner, plans to develop and/or operate a 4.0MW Commercial Solar Energy Facility in **McHenry** County [GPS Coordinates: 42.251852, -88.348999], which will consist of up to 24 acres that will be covered by solar facility related components, such as solar panel arrays, racking systems, access roads, an onsite underground collection system, inverters and transformers and any affiliated electric transmission lines. This AIMA is made and entered between the Facility Owner and the IDOA.

If Construction does not commence within four years after this AIMA has been fully executed, this AIMA shall be revised, with the Facility Owner's input, to reflect the IDOA's most current Solar Farm Construction and Deconstruction Standards and Policies. This AIMA, and any updated AIMA, shall be filed with the County Board by the Facility Owner prior to the commencement of Construction.

The below prescribed standards and policies are applicable to Construction and Deconstruction activities occurring partially or wholly on privately owned agricultural land.

Conditions of the AIMA

The mitigative actions specified in this AIMA shall be subject to the following conditions:

- A. All Construction or Deconstruction activities may be subject to County or other local requirements. However, the specifications outlined in this AIMA shall be the minimum standards applied to all Construction or Deconstruction activities. IDOA may utilize any legal means to enforce this AIMA.
- B. Except for Section 17. B. through F., all actions set forth in this AIMA are subject to modification through negotiation by Landowners and the Facility Owner, provided such changes are negotiated in advance of the respective Construction or Deconstruction activities.
- C. The Facility Owner may negotiate with Landowners to carry out the actions that Landowners wish to perform themselves. In such instances, the Facility Owner shall offer Landowners the area commercial rate for their machinery and labor costs.

Standard Solar AIMA V.8.19.19

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

- D. All provisions of this AIMA shall apply to associated future Construction, maintenance, repairs, and Deconstruction of the Facility referenced by this AIMA.
- E. The Facility Owner shall keep the Landowners and Tenants informed of the Facility's Construction and Deconstruction status, and other factors that may have an impact upon their farming operations.
- F. The Facility Owner shall include a statement of its adherence to this AIMA in any environmental assessment and/or environmental impact statement.
- G. Execution of this AIMA shall be made a condition of any Conditional/Special Use Permit. Not less than 30 days prior to the commencement of Construction, a copy of this AIMA shall be provided by the Facility Owner to each Landowner that is party to an Underlying Agreement. In addition, this AIMA shall be incorporated into each Underlying Agreement.
- H. The Facility Owner shall implement all actions to the extent that they do not conflict with the requirements of any applicable federal, state and local rules and regulations and other permits and approvals that are obtained by the Facility Owner for the Facility.
- I. No later than 45 days prior to the Construction and/or Deconstruction of a Facility, the Facility Owner shall provide the Landowner(s) with a telephone number the Landowner can call to alert the Facility Owner should the Landowner(s) have questions or concerns with the work which is being done or has been carried out on his/her property.
- J. If there is a change in ownership of the Facility, the Facility Owner assuming ownership of the Facility shall provide written notice within 90 days of ownership transfer, to the Department, the County, and to Landowners of such change. The Financial Assurance requirements and the other terms of this AIMA shall apply to the new Facility Owner.
- K. The Facility Owner shall comply with all local, state and federal laws and regulations, specifically including the worker protection standards to protect workers from pesticide exposure.
- L. Within 30 days of execution of this AIMA, the Facility Owner shall use Best Efforts to provide the IDOA with a list of all Landowners that are party to an Underlying Agreement and known Tenants of said Landowner who may be affected by the Facility. As the list of Landowners and Tenants is updated, the Facility Owner shall notify the IDOA of any additions or deletions.
- M. If any provision of this AIMA is held to be unenforceable, no other provision shall be affected by that holding, and the remainder of the AIMA shall be interpreted as if it did not contain the unenforceable provision.

Definitions

Abandonment

When Deconstruction has not been completed within 12 months after the Commercial Solar Energy Facility reaches the end of its useful life. For purposes of this definition, a Commercial Solar Energy Facility shall be presumed to have reached the end of its useful life if the Commercial Solar Energy Facility Owner fails, for a period of 6 consecutive months, to pay the Landowner amounts owed in accordance with an Underlying Agreement.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

Aboveground Cable	Electrical power lines installed above ground surface to be utilized for conveyance of power from the solar panels to the solar facility inverter and/or point of interconnection to utility grid or customer electric meter.
Agricultural Impact Mitigation Agreement (AIMA)	The Agreement between the Facility Owner and the Illinois Department of Agriculture (IDOA) described herein.
Agricultural Land	Land used for Cropland, hayland, pastureland, managed woodlands, truck gardens, farmsteads, commercial ag-related facilities, feedlots, livestock confinement systems, land on which farm buildings are located, and land in government conservation programs used for purposes as set forth above.
Best Efforts	Diligent, good faith, and commercially reasonable efforts to achieve a given objective or obligation.
Commercial Operation Date	The calendar date of which the Facility Owner notifies the Landowner, County, and IDOA in writing that commercial operation of the facility has commenced. If the Facility Owner fails to provide such notifications, the Commercial Operation Date shall be the execution date of this AIMA plus 6 months.
Commercial Solar Energy Facility (Facility)	A solar energy conversion facility equal to or greater than 500 kilowatts in total nameplate capacity, including a solar energy conversion facility seeking an extension of a permit to construct granted by a county or municipality before June 29, 2018. "Commercial solar energy facility" does not include a solar energy conversion facility: (1) for which a permit to construct has been issued before June 29, 2018; (2) that is located on land owned by the commercial solar energy facility owner; (3) that was constructed before June 29, 2018; or (4) that is located on the customer side of the customer's electric meter and is primarily used to offset that customer's electricity load and is limited in nameplate capacity to less than or equal to 2,000 kilowatts.
Commercial Solar Energy Facility Owner deemed (Facility Owner)	A person or entity that owns a commercial solar energy facility. A Commercial Solar Energy Facility Owner is not nor shall it be to be a public utility as defined in the Public Utilities Act.
County	The County or Counties where the Commercial Solar Energy Facility is located.
Construction	The installation, preparation for installation and/or repair of a Facility.
Cropland	Land used for growing row crops, small grains or hay; includes land which was formerly used as cropland, but is currently enrolled in a government conservation program; also includes pastureland that is classified as Prime Farmland.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

Deconstruction	The removal of a Facility from the property of a Landowner and the restoration of that property as provided in the AIMA.
Deconstruction Plan	A plan prepared by a Professional Engineer, at the Facility's expense, that includes: <ol style="list-style-type: none">(1) the estimated Deconstruction cost, in current dollars at the time of filing, for the Facility, considering among other things:<ol style="list-style-type: none">i. the number of solar panels, racking, and related facilities involved;ii. the original Construction costs of the Facility;iii. the size and capacity, in megawatts of the Facility;iv. the salvage value of the facilities (if all interests in salvage value are subordinate to that of the Financial Assurance holder if abandonment occurs);v. the Construction method and techniques for the Facility and for other similar facilities; and(2) a comprehensive detailed description of how the Facility Owner plans to pay for the Deconstruction of the Facility.
Department	The Illinois Department of Agriculture (IDOA).
Financial Assurance	A reclamation or surety bond or other commercially available financial assurance that is acceptable to the County, with the County or Landowner as beneficiary.
Landowner	Any person with an ownership interest in property that is used for agricultural purposes and that is party to an Underlying Agreement.
Prime Farmland	Agricultural Land comprised of soils that are defined by the USDA Natural Resources Conservation Service (NRCS) as "Prime Farmland" (generally considered to be the most productive soils with the least input of nutrients and management).
Professional Engineer	An engineer licensed to practice engineering in the State of Illinois.
Soil and Water Conservation District (SWCD)	A unit of local government that provides technical and financial assistance to eligible Landowners for the conservation of soil and water resources.
Tenant	Any person, apart from the Facility Owner, lawfully residing or leasing/renting land that is subject to an Underlying Agreement.
Topsoil	The uppermost layer of the soil that has the darkest color or the highest content of organic matter; more specifically, it is defined as the "A" horizon.
Underlying Agreement	The written agreement between the Facility Owner and the Landowner(s) including, but not limited to, an easement, option, lease, or license under the terms of which another person has constructed, constructs, or intends to construct a Facility on the property of the Landowner.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

Underground Cable	Electrical power lines installed below the ground surface to be utilized for conveyance of power within a Facility or from a Commercial Solar Energy Facility to the electric grid.
USDA Natural Resources Conservation Service (NRCS)	An agency of the United States Department of Agriculture that provides America's farmers with financial and technical assistance to aid with natural resources conservation.

Construction and Deconstruction Standards and Policies

1. Support Structures

- A. Only single pole support structures shall be used for the Construction and operation of the Facility on Agricultural Land. Other types of support structures, such as lattice towers or H-frames, may be used on nonagricultural land.
- B. Where a Facility's Aboveground Cable will be adjacent and parallel to highway and/or railroad right-of-way, but on privately owned property, the support structures shall be placed as close as reasonably practicable and allowable by the applicable County Engineer or other applicable authorities to the highway or railroad right-of-way. The only exceptions may be at jogs or weaves on the highway alignment or along highways or railroads where transmission and distribution lines are already present.
- C. When it is not possible to locate Aboveground Cable next to highway or railroad right-of-way, Best Efforts shall be expended to place all support poles in such a manner to minimize their placement on Cropland (i.e., longer than normal above ground spans shall be utilized when traversing Cropland).

2. Aboveground Facilities

Locations for facilities shall be selected in a manner that is as unobtrusive as reasonably possible to ongoing agricultural activities occurring on the land that contains or is adjacent to the Facility.

3. Guy Wires and Anchors

Best Efforts shall be made to place guy wires and their anchors, if used, out of Cropland, pastureland and hayland, placing them instead along existing utilization lines and on land other than Cropland. Where this is not feasible, Best Efforts shall be made to minimize guy wire impact on Cropland. All guy wires shall be shielded with highly visible guards.

4. Underground Cabling Depth

- A. Underground electrical cables located outside the perimeter of the (fence) of the solar panels shall be buried with:
 - 1. a minimum of 5 feet of top cover where they cross Cropland.
 - 2. a minimum of 5 feet of top cover where they cross pastureland or other non-Cropland classified as Prime Farmland.
 - 3. a minimum of 3 feet of top cover where they cross pastureland and other Agricultural Land not classified as Prime Farmland.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

- 4. a minimum of 3 feet of top cover where they cross wooded/brushy land.
- B. Provided that the Facility Owner removes the cables during Deconstruction, underground electric cables may be installed to a minimum depth of 18 inches:
 - 1. Within the fenced perimeter of the Facility; or
 - 2. When buried under an access road associated with the Facility provided that the location and depth of cabling is clearly marked at the surface.
- C. If Underground Cables within the fenced perimeter of the solar panels are installed to a minimum depth of 5 feet, they may remain in place after Deconstruction.

5. Topsoil Removal and Replacement

- A. Any excavation shall be performed in a manner to preserve topsoil. Best Efforts shall be made to store the topsoil near the excavation site in such a manner that it will not become intermixed with subsoil materials.
- B. Best Efforts shall be made to store all disturbed subsoil material near the excavation site and separate from the topsoil.
- C. When backfilling an excavation site, Best Efforts shall be used to ensure the stockpiled subsoil material will be placed back into the excavation site before replacing the topsoil.
- D. Refer to Section 7 for procedures pertaining to rock removal from the subsoil and topsoil.
- E. Refer to Section 8 for procedures pertaining to the repair of compaction and rutting of the topsoil.
- F. Best Efforts shall be performed to place the topsoil in a manner so that after settling occurs, the topsoil's original depth and contour will be restored as close as reasonably practicable. The same shall apply where excavations are made for road, stream, drainage ditch, or other crossings. In no instance shall the topsoil materials be used for any other purpose unless agreed to explicitly and in writing by the Landowner.
- G. Based on the mutual agreement of the landowner and Facility Owner, excess soil material resulting from solar facility excavation shall either be removed or stored on the Landowner's property and reseeded per the applicable National Pollution Discharge Elimination System (NPDES) permit/Stormwater Pollution Prevention Plan (SWPPP). After the Facility reaches the end of its Useful Life, the excess subsoil material shall be returned to an excavation site or removed from the Landowner's property, unless otherwise agreed to by Landowner.

6. Rerouting and Permanent Repair of Agricultural Drainage Tiles

The following standards and policies shall apply to underground drainage tile line(s) directly or indirectly affected by Construction and/or Deconstruction:

- A. Prior to Construction, the Facility Owner shall work with the Landowner to identify drainage tile lines traversing the property subject to the Underlying Agreement to the extent reasonably practicable. All drainage tile lines identified in this manner shall be shown on the Construction and Deconstruction Plans.

Standard Solar Agricultural Impact Mitigation Agreement

B. The location of all drainage tile lines located adjacent to or within the footprint of the Facility shall be recorded using Global Positioning Systems (GPS) technology. Within 60 days after Construction is complete, the Facility Owner shall provide the Landowner, the IDOA, and the respective County Soil and Water Conservation District (SWCD) with "as built" drawings (strip maps) showing the location of all drainage tile lines by survey station encountered in the Construction of the Facility, including any tile line repair location(s), and any underground cable installed as part of the Facility.

C. Maintaining Surrounding Area Subsurface Drainage

If drainage tile lines are damaged by the Facility, the Facility Owner shall repair the lines or install new drainage tile line(s) of comparable quality and cost to the original(s), and of sufficient size and appropriate slope in locations that limit direct impact from the Facility. If the damaged tile lines cause an unreasonable disruption to the drainage system, as determined by the Landowner, then such repairs shall be made promptly to ensure appropriate drainage. Any new line(s) may be located outside of, but adjacent to the perimeter of the Facility. Disrupted adjacent drainage tile lines shall be attached thereto to provide an adequate outlet for the disrupted adjacent tile lines.

D. Re-establishing Subsurface Drainage Within Facility Footprint

Following Deconstruction and using Best Efforts, if underground drainage tile lines were present within the footprint of the facility and were severed or otherwise damaged during original Construction, facility operation, and/or facility Deconstruction, the Facility Owner shall repair existing drainage tiles or install new drainage tile lines of comparable quality and cost to the original, within the footprint of the Facility with sufficient capacity to restore the underground drainage capacity that existed within the footprint of the Facility prior to Construction. Such installation shall be completed within 12 months after the end of the useful life of the Facility and shall be compliant with Figures 1 and 2 to this Agreement or based on prudent industry standards if agreed to by Landowner.

E. If there is any dispute between the Landowner and the Facility Owner on the method of permanent drainage tile line repair, the appropriate County SWCD's opinion shall be considered by the Facility Owner and the Landowner.

F. During Deconstruction, all additional permanent drainage tile line repairs beyond those included above in Section 6.D. must be made within 30 days of identification or notification of the damage, weather and soil conditions permitting. At other times, such repairs must be made at a time mutually agreed upon by the Facility Owner and the Landowner. If the Facility Owner and Landowner cannot agree upon a reasonable method to complete this restoration, the Facility Owner may implement the recommendations of the appropriate County SWCD and such implementation constitutes compliance with this provision.

G. Following completion of the work required pursuant to this Section, the Facility Owner shall be responsible for correcting all drainage tile line repairs that fail due to Construction and/or Deconstruction for one year following the completion of Construction or Deconstruction, provided those repairs were made by the Facility Owner. The Facility Owner shall not be responsible for drainage tile repairs that the Facility Owner pays the Landowner to perform.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

7. Rock Removal

With any excavations, the following rock removal procedures pertain only to rocks found in the uppermost 42 inches of soil, the common freeze zone in Illinois, which emerged or were brought to the site as a result of Construction and/or Deconstruction.

- A. Before replacing any topsoil, Best Efforts shall be taken to remove all rocks greater than 3 inches in any dimension from the surface of exposed subsoil which emerged or were brought to the site as a result of Construction and/or Deconstruction.
- B. If trenching, blasting, or boring operations are required through rocky terrain, precautions shall be taken to minimize the potential for oversized rocks to become interspersed in adjacent soil material.
- C. Rocks and soil containing rocks removed from the subsoil areas, topsoil, or from any excavations, shall be removed from the Landowner's premises or disposed of on the Landowner's premises at a location that is mutually acceptable to the Landowner and the Facility Owner.

8. Repair of Compaction and Rutting

- A. Unless the Landowner opts to do the restoration work on compaction and rutting, after the topsoil has been replaced post-Deconstruction, all areas within the boundaries of the Facility that were traversed by vehicles and Construction and/or Deconstruction equipment that exhibit compaction and rutting shall be restored by the Facility Owner. All prior Cropland shall be ripped at least 18 inches deep or to the extent practicable, and all pasture and woodland shall be ripped at least 12 inches deep or to the extent practicable. The existence of drainage tile lines or underground utilities may necessitate less ripping depth. The disturbed area shall then be disked.
- B. All ripping and disking shall be done at a time when the soil is dry enough for normal tillage operations to occur on Cropland adjacent to the Facility.
- C. The Facility Owner shall restore all rutted land to a condition as close as possible to its original condition upon Deconstruction, unless necessary earlier as determined by the Landowner.
- D. If there is any dispute between the Landowner and the Facility Owner as to what areas need to be ripped/disked or the depth at which compacted areas should be ripped/disked, the appropriate County SWCD's opinion shall be considered by the Facility Owner and the Landowner.

9. Construction During Wet Weather

Except as provided below, construction activities are not allowed on agricultural land during times when normal farming operations, such as plowing, disking, planting or harvesting, cannot take place due to excessively wet soils. With input from the landowner, wet weather conditions may be determined on a field by field basis.

- A. Construction activities on prepared surfaces, surfaces where topsoil and subsoil have been removed, heavily compacted in preparation, or otherwise stabilized (e.g. through cement mixing) may occur at the discretion of the Facility Owner in wet weather conditions.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

- B. Construction activities on unprepared surfaces will be done only when work will not result in rutting which may mix subsoil and topsoil. Determination as to the potential of subsoil and topsoil mixing will be made in consultation with the underlying Landowner, or, if approved by the Landowner, his/her designated tenant or designee.

10. Prevention of Soil Erosion

- A. The Facility Owner shall work with Landowners and create and follow a SWPPP to prevent excessive erosion on land that has been disturbed by Construction or Deconstruction of a Facility.
- B. If the Landowner and Facility Owner cannot agree upon a reasonable method to control erosion on the Landowner's property, the Facility Owner shall consider the recommendations of the appropriate County SWCD to resolve the disagreement.
- C. The Facility Owner may, per the requirements of the project SWPPP and in consultation with the Landowner, seed appropriate vegetation around all panels and other facility components to prevent erosion. The Facility Owner must utilize Best Efforts to ensure that all seed mixes will be as free of any noxious weed seeds as possible. The Facility Owner shall consult with the Landowner regarding appropriate varieties to seed.

11. Repair of Damaged Soil Conservation Practices

Consultation with the appropriate County SWCD by the Facility Owner shall be carried out to determine if there are soil conservation practices (such as terraces, grassed waterways, etc.) that will be damaged by the Construction and/or Deconstruction of the Facility. Those conservation practices shall be restored to their preconstruction condition as close as reasonably practicable following Deconstruction in accordance with USDA NRCS technical standards. All repair costs shall be the responsibility of the Facility Owner.

12. Compensation for Damages to Private Property

The Facility Owner shall reasonably compensate Landowners for damages caused by the Facility Owner. Damage to Agricultural Land shall be reimbursed to the Landowner as prescribed in the applicable Underlying Agreement.

13. Clearing of Trees and Brush

- A. If trees are to be removed for the Construction or Deconstruction of a Facility, the Facility Owner shall consult with the Landowner to determine if there are trees of commercial or other value to the Landowner.
- B. If there are trees of commercial or other value to the Landowner, the Facility Owner shall allow the Landowner the right to retain ownership of the trees to be removed and the disposition of the removed trees shall be negotiated prior to the commencement of land clearing.

14. Access Roads

- A. To the extent practicable, access roads shall be designed to not impede surface drainage and shall be built to minimize soil erosion on or near the access roads.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

- B. Access roads may be left intact during Construction, operation or Deconstruction through mutual agreement of the Landowner and the Facility Owner unless otherwise restricted by federal, state, or local regulations.
- C. If the access roads are removed, Best Efforts shall be expended to assure that the land shall be restored to equivalent condition(s) as existed prior to their construction, or as otherwise agreed to by the Facility Owner and the Landowner. All access roads that are removed shall be ripped to a depth of 18 inches. All ripping shall be performed consistent with Section 8.

15. Weed/Vegetation Control

- A. The Facility Owner shall provide for weed control in a manner that prevents the spread of weeds. Chemical control, if used, shall be done by an appropriately licensed pesticide applicator.
- B. The Facility Owner shall be responsible for the reimbursement of all reasonable costs incurred by owners of agricultural land where it has been determined by the appropriate state or county entity that weeds have spread from the Facility to their property. Reimbursement is contingent upon written notice to the Facility Owner. Facility Owner shall reimburse the property owner within 45 days after notice is received.
- C. The Facility Owner shall ensure that all vegetation growing within the perimeter of the Facility is properly and appropriately maintained. Maintenance may include, but not be limited to, mowing, trimming, chemical control, or the use of livestock as agreed to by the Landowner.
- D. The Deconstruction plans must include provisions for the removal of all weed control equipment used in the Facility, including weed-control fabrics or other ground covers.

16. Indemnification of Landowners

The Facility Owner shall indemnify all Landowners, their heirs, successors, legal representatives, and assigns from and against all claims, injuries, suits, damages, costs, losses, and reasonable expenses resulting from or arising out of the Commercial Solar Energy Facility, including Construction and Deconstruction thereof, and also including damage to such Facility or any of its appurtenances, except where claims, injuries, suits, damages, costs, losses, and expenses are caused by the negligence or intentional acts, or willful omissions of such Landowners, and/or the Landowners heirs, successors, legal representatives, and assigns.

17. Deconstruction Plans and Financial Assurance of Commercial Solar Energy Facilities

- A. Deconstruction of a Facility shall include the removal/disposition of all solar related equipment/facilities, including the following utilized for operation of the Facility and located on Landowner property:
 - 1. Solar panels, cells and modules;
 - 2. Solar panel mounts and racking, including any helical piles, ground screws, ballasts, or other anchoring systems;
 - 3. Solar panel foundations, if used (to depth of 5 feet);

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

4. Transformers, inverters, energy storage facilities, or substations, including all components and foundations; however, Underground Cables at a depth of 5 feet or greater may be left in place;
 5. Overhead collection system components;
 6. Operations/maintenance buildings, spare parts buildings and substation/switching gear buildings unless otherwise agreed to by the Landowner;
 7. Access Road(s) unless Landowner requests in writing that the access road is to remain;
 8. Operation/maintenance yard/staging area unless otherwise agreed to by the Landowner; and
 9. Debris and litter generated by Deconstruction and Deconstruction crews.
- B. The Facility Owner shall, at its expense, complete Deconstruction of a Facility within twelve (12) months after the end of the useful life of the Facility.
- C. During the County permit process, or if none, then prior to the commencement of construction, the Facility Owner shall file with the County a Deconstruction Plan. The Facility Owner shall file an updated Deconstruction Plan with the County on or before the end of the tenth year of commercial operation.
- D. The Facility Owner shall provide the County with Financial Assurance to cover the estimated costs of Deconstruction of the Facility. Provision of this Financial Assurance shall be phased in over the first 11 years of the Project's operation as follows:
1. On or before the first anniversary of the Commercial Operation Date, the Facility Owner shall provide the County with Financial Assurance to cover ten (10) percent of the estimated costs of Deconstruction of the Facility as determined in the Deconstruction Plan.
 2. On or before the sixth anniversary of the Commercial Operation Date, the Facility Owner shall provide the County with Financial Assurance to cover fifty (50) percent of the estimated costs of Deconstruction of the Facility as determined in the Deconstruction Plan.
 3. On or before the eleventh anniversary of the Commercial Operation Date, the Facility Owner shall provide the County with Financial Assurance to cover one hundred (100) percent of the estimated costs of Deconstruction of the Facility as determined in the updated Deconstruction Plan provided during the tenth year of commercial operation.

The Financial Assurance shall not release the surety from liability until the Financial Assurance is replaced. The salvage value of the Facility may only be used to reduce the estimated costs of Deconstruction if the County agrees that all interests in the salvage value are subordinate or have been subordinated to that of the County if Abandonment occurs.

Korver Solar, LLC

Standard Solar Agricultural Impact Mitigation Agreement

- E. The County may, but is not required to, reevaluate the estimated costs of Deconstruction of any Facility after the tenth anniversary, and every five years thereafter, of the Commercial Operation Date. Based on any reevaluation, the County may require changes in the level of Financial Assurance used to calculate the phased Financial Assurance levels described in Section 17.D. required from the Facility Owner. If the County is unable to its satisfaction to perform the investigations necessary to approve the Deconstruction Plan filed by the Facility Owner, then the County and Facility may mutually agree on the selection of a Professional Engineer independent of the Facility Owner to conduct any necessary investigations. The Facility Owner shall be responsible for the cost of any such investigations.
- F. Upon Abandonment, the County may take all appropriate actions for Deconstruction including drawing upon the Financial Assurance.

Concurrence of the Parties to this AIMA

The Illinois Department of Agriculture and Korver Solar, LLC concur that this AIMA is the complete AIMA governing the mitigation of agricultural impacts that may result from the Construction and Deconstruction of the solar farm project in McHenry County within the State of Illinois.

The effective date of this AIMA commences on the date of execution.

**STATE OF ILLINOIS
DEPARTMENT OF AGRICULTURE**



By: Jerry Costello II, Director



By Clay Nordsiek, Deputy General Counsel

801 E. Sangamon Avenue,
State Fairgrounds, POB 19281
Springfield, IL 62794-9281

11/5, 2025

Korver Solar, LLC

Signed by:

563D188F79704DD...

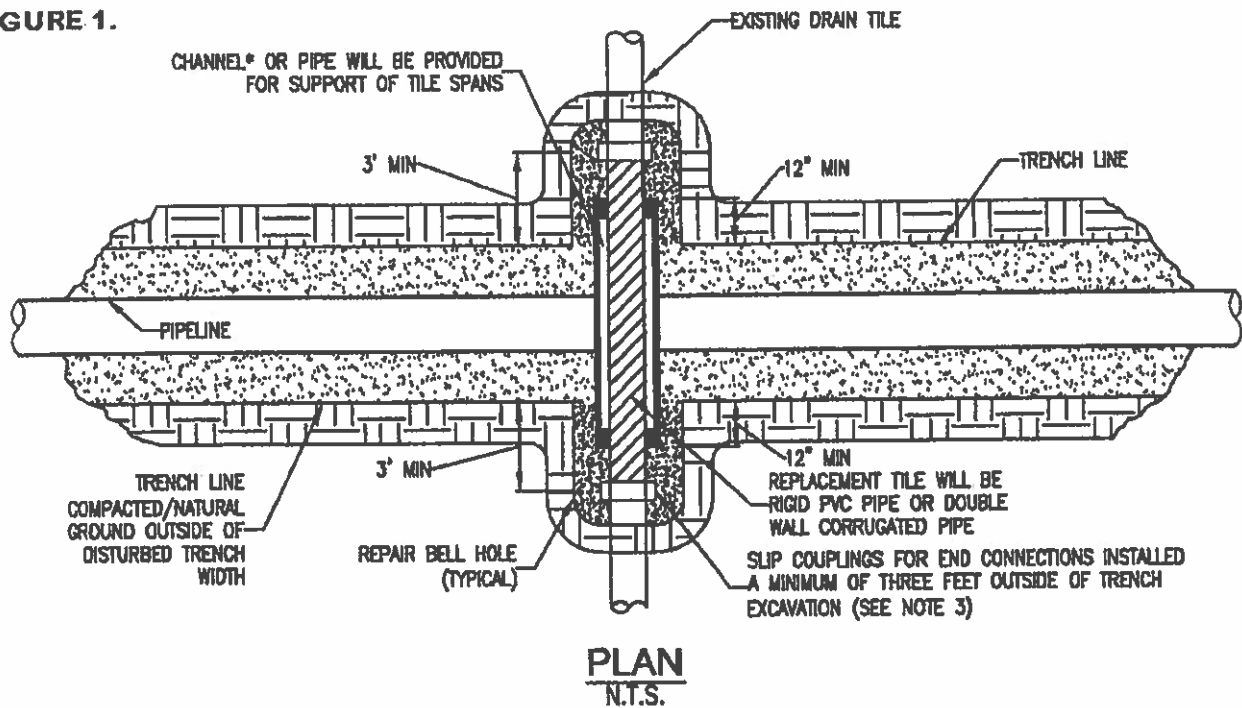
By Paul Bottum, Development Manager

30 W Hubbard St., Ste. 400
Chicago, Illinois 60654

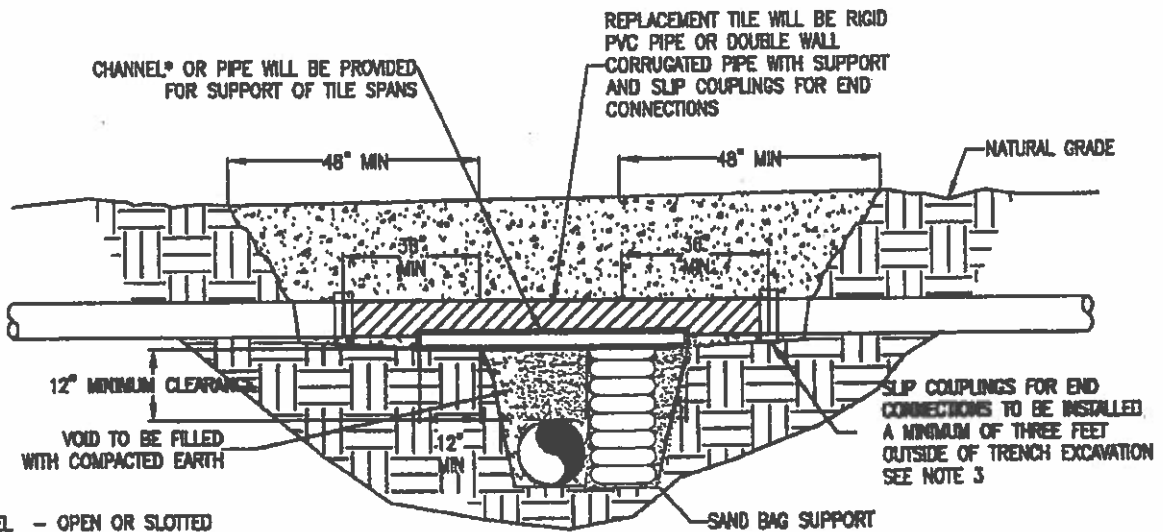
Address

August 19, 2025

FIGURE 1.



PLAN
N.T.S.



CROSS SECTION
N.T.S.

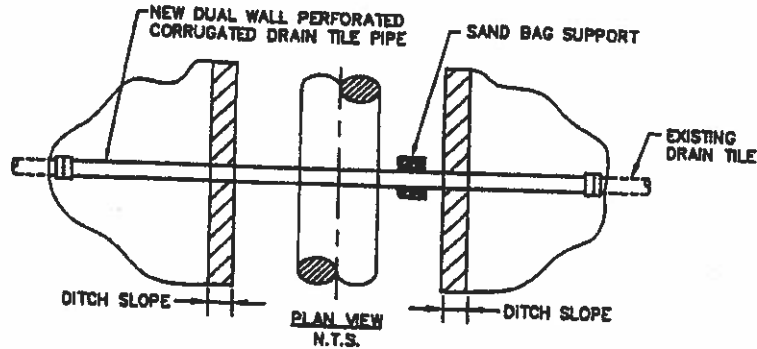
*CHANNEL - OPEN OR SLOTTED CORRUGATED GALVANIZED, PVC OR ALUMINUM CRADLE TO SUPPORT DRAIN TILE.

NOTE:

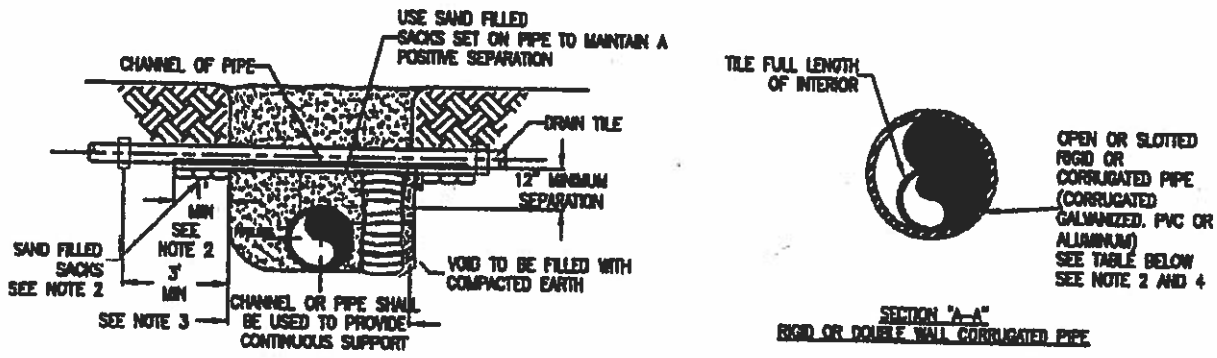
1. IMMEDIATELY REPAIR TILE IF WATER IS FLOWING THROUGH TILE AT TIME OF TRENCHING. IF NO WATER IS FLOWING AND TEMPORARY REPAIR IS DELAYED, OR NOT MADE BY THE END OF THE WORK DAY, A SCREEN OR APPROPRIATE 'NIGHT CAP' SHALL BE PLACED ON OPEN ENDS OF TILE TO PREVENT ENTRAPMENT OF ANIMALS ETC.
2. CHANNEL OR PIPE (OPEN OR SLOTTED) MADE OF CORRUGATED GALVANIZED PIPE, PVC OR ALUMINUM WILL BE USED FOR SUPPORT OF DRAIN TILE SPANS.
3. INDUSTRY STANDARDS SHALL BE FOLLOWED TO ENSURE PROPER SEAL OF REPAIRED DRAIN TILES.

TEMPORARY DRAIN TILE REPAIR

FIGURE 2.



PLAN VIEW



END VIEWS

MINIMUM SUPPORT TABLE		
TILE SIZE	CHANNEL SIZE	PIPE SIZE
3"	4" @ 5.4 #/ft	4" STD. WT.
4"-5"	5" @ 6.7 #/ft	6" STD. WT.
6"-9"	7" @ 9.8 #/ft	8"-10" STD. WT.
10"	10" @ 15.3 #/ft	12" STD. WT.

NOTE:

1. TILE REPAIR AND REPLACEMENT SHALL MAINTAIN ORIGINAL ALIGNMENT GRADIENT AND WATER FLOW TO THE GREATEST EXTENT POSSIBLE. IF THE TILE NEEDS TO BE RELOCATED, THE INSTALLATION ANGLE MAY VARY DUE TO SITE SPECIFIC CONDITIONS AND LANDOWNER RECOMMENDATIONS.
2. 1'-0" MINIMUM LENGTH OF CHANNEL OR RIGID PIPE (OPEN OR SLOTTED CORRUGATED GALVANIZED, PVC OR ALUMINUM CRADLE) SHALL BE SUPPORTED BY UNDISTURBED SOIL, OR IF CROSSING IS NOT AT RIGHT ANGLES TO PIPELINE, EQUIVALENT LENGTH PERPENDICULAR TO TRENCH. SHIM WITH SAND BAGS TO UNDISTURBED SOIL FOR SUPPORT AND DRAINAGE GRADIENT MAINTENANCE (TYPICAL BOTH SIDES).
3. DRAIN TILES WILL BE PERMANENTLY CONNECTED TO EXISTING DRAIN TILES A MINIMUM OF THREE FEET OUTSIDE OF EXCAVATED TRENCH LINE USING INDUSTRY STANDARDS TO ENSURE PROPER SEAL OF REPAIRED DRAIN TILES INCLUDING SLIP COUPLINGS.
4. DIAMETER OF RIGID PIPE SHALL BE OF ADEQUATE SIZE TO ALLOW FOR THE INSTALLATION OF THE TILE FOR THE FULL LENGTH OF THE RIGID PIPE.
5. OTHER METHODS OF SUPPORTING DRAIN TILE MAY BE USED IF ALTERNATE PROPOSED IS EQUIVALENT IN STRENGTH TO THE CHANNEL/PIPE SECTIONS SHOWN AND IF APPROVED BY COMPANY REPRESENTATIVES AND LANDOWNER IN ADVANCE. SITE SPECIFIC ALTERNATE SUPPORT SYSTEM TO BE DEVELOPED BY COMPANY REPRESENTATIVES AND FURNISHED TO CONTRACTOR FOR SPANS IN EXCESS OF 20', TILE GREATER THEN 10" DIAMETER, AND FOR "HEADER" SYSTEMS.
6. ALL MATERIAL TO BE FURNISHED BY CONTRACTOR.
7. PRIOR TO REPAIRING TILE, CONTRACTOR SHALL PROBE LATERALLY INTO THE EXISTING TILE TO FULL WIDTH OF THE RIGHTS OF WAY TO DETERMINE IF ADDITIONAL DAMAGE HAS OCCURRED. ALL DAMAGED/DISTURBED TILE SHALL BE REPAIRED AS NEAR AS PRACTICABLE TO ITS ORIGINAL OR BETTER CONDITION.

PERMANENT DRAIN TILE REPAIR

IN THE MATTER OF THE APPLICATION OF
KORVER SOLAR, LLC, APPLICANT
FOR AN AMENDMENT OF THE UNIFIED DEVELOPMENT
ORDINANCE OF McHENRY COUNTY, ILLINOIS FOR A
CONDITIONAL USE

)
)
) LEGAL NOTICE OF PUBLIC HEARING
) Z25-0097
)

Notice is hereby given in compliance with the McHenry County Unified Development Ordinance, that a public hearing will be held before the **McHenry County Zoning Board of Appeals**, in connection with this Ordinance, which would result in a **CONDITIONAL USE** for the following described real estate:

TRUSTEE'S DEED #2024R0002929: RECORDED MCHENRY COUNTY, ILLINOIS ON FEBRUARY 7, 2024.
THAT PART OF THE NORTHWEST QUARTER OF SECTION 31, TOWNSHIP 44 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID NORTHWEST QUARTER; THENCE NORTH 89°48'05" WEST; 497.64 FEET ALONG THE NORTH LINE OF SAID NORTHWEST QUARTER; THENCE SOUTH 66°50'02" WEST, 1,524.85 FEET TO THE CENTERLINE OF RIDGEFIELD ROAD; THENCE SOUTH 28°31'06" EAST, ALONG THE CENTERLINE OF RIDGEFIELD ROAD, 765.68 FEET TO THE INTERSECTION OF SAID CENTERLINE WITH THE WESTERLY EXTENSION OF THE NORTH LINE OF ANDREA SUBDIVISION; THENCE NORTH 87°37'17" EAST ALONG THE EXTENSION AND THE NORTH LINE OF ANDREA SUBDIVISION, 1,466.53 FEET TO THE NORTHEAST CORNER OF ANDREA SUBDIVISION; THENCE NORTH 3°15'00" EAST, 1,212.00 FEET TO THE PLACE OF BEGINNING, EXCEPT THE NORTH 190.00 FEET THEREOF, IN MCHENRY COUNTY, ILLINOIS; EXCEPT THAT PART THEREOF TAKEN BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS IN CASE NO. 12ED36, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF SAID SECTION 31; THENCE ON AN ASSUMED BEARING OF SOUTH 89°33'49" WEST ALONG THE NORTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 31, A DISTANCE OF 497.64 FEET; THENCE SOUTH 66°11'35" WEST, A DISTANCE OF 1525.24 FEET (1524.85 FEET, RECORDED) TO THE CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13), BEING ALSO THE MOST WESTERLY CORNER OF THE GRANTOR; THENCE SOUTH 29°08'53" EAST ALONG THE SAID CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13), BEING ALSO THE WESTERLY LINE OF THE GRANTOR, A DISTANCE OF 76.33 FEET TO THE POINT OF BEGINNING; THENCE NORTH 60°51'07" EAST, A DISTANCE OF 30.00 FEET TO THE EASTERLY RIGHT OF WAY LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13) RECORDED JUNE 10, 1937.AS DOCUMENT NUMBER 127151; THENCE NORTH 60°46'09" EAST, A DISTANCE OF 19.67 FEET; THENCE SOUTH 29°13'51" EAST, A DISTANCE OF 289.30 FEET; THENCE NORTH 60°46'09" EAST, A DISTANCE OF 10.00 FEET; THENCE SOUTHERLY 171.54 FEET ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 480.00 FEET, THE CHORD OF SAID CURVE BEARS SOUTH 18°59'33" EAST, 170.63 FEET TO THE SAID EASTERLY RIGHT OF WAY LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13) ; THENCE SOUTH 60°51'07" WEST, A DISTANCE OF 30.00 FEET TO THE SAID CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13); THENCE NORTH 29°08'53" WEST ALONG THE SAID CENTER LINE OF RIDGEFIELD ROAD (COUNTY HIGHWAY 13), A DISTANCE OF 457.22 FEET TO THE POINT OF BEGINNING.

PIN 14-31-126-003

The subject property is located on the east side of Ridgefield Road at the intersection of Ridgefield Road and U.S. Route 14, **with a common address 7716 U.S. Highway 14, Crystal Lake, Illinois, in Nunda Township.**

The subject property is presently zoned **"A-1" Agriculture District** and consists of approximately **37.295 acres** with the **City of Crystal Lake** to the North, East and West; **"B-2" Neighborhood Business District** zoning to the North; **"R-1" Single Family Residential** zoning, **"B-1V" and "B-2V" Neighborhood Business Districts with Variation** zoning and **"B-3" General Business District** zoning to the South; and **"B-1" Neighborhood Business District** zoning to the West.

The Applicant is requesting a **CONDITIONAL USE of the subject property to allow for a commercial solar energy facility.**

The Applicant, Korver Solar, LLC is wholly owned by Cultivate Power, LLC. The officers of both companies are Noah HYTE and Brian Matthay. They can be reached at 30 W Hubbard St, Ste 400, Chicago, Illinois 60654. William Gruber, property owner, can be reached at 1303 Williams Way, Arlington Heights, Illinois 60004.

A hearing on this Petition will be held on the 1st day of April 2026 at 1:30 P.M. in the County Board conference room at the McHenry County Government Center Administration Building 667 Ware Rd, Woodstock, Illinois at which time and place any person desiring to be heard may be present. The McHenry County Government Center Mailing address is 2200 N. Seminary Avenue, Woodstock, Illinois 60098.

DATED THIS 5TH DAY OF MARCH 2026.

By: Linnea Kooistra, Chair
McHenry County Zoning Board of Appeals
2200 N. Seminary Avenue
Woodstock, IL 60098

Petitions for all Zoning Board of Appeals hearings can be accessed at the following link:
www.mchenrycountyil.gov/county-government/new-meeting-portal and choosing the “Agenda” link for the specific meeting date.

Live audio streams of all Zoning Board of Appeals hearings can be accessed at the following link:
www.mchenrycountyil.gov/county-government/new-meeting-portal and choosing the “Video” link for the specific meeting date.

MEMORANDUM

To: Jake Clay
Korver Solar, LLC

From: Mason Kunkel
Kimley-Horn and Associates, Inc.

Date: March 31, 2026

Subject: Nunda Township, McHenry County, Illinois – Korver Solar, LLC Level 1 Wetland
Delineation Memorandum

INTRODUCTION

Kimley-Horn was contracted by Korver Solar, LLC to review the Korver Solar, LLC project study area for potential wetlands and waterways. See **Figure 1** for project location and **Figure 2** for the project study area boundary. The project study area is located in Nunda Township, McHenry County, Illinois. The study area is approximately 28 acres in size and is located in Section 31 of Township 44N, Range 8E. Kimley-Horn reviewed available background data to assist in determining if there are any potential wetlands and waterways within the study area.

AVAILABLE BACKGROUND DATA:

Kimley-Horn reviewed available topographic maps, the National Wetlands Inventory (NWI), the National Hydrography Dataset (NHD), LiDAR, soil survey data, public waters, floodplain data, and aerial photography to identify potential wetlands or surface waters within the study area vicinity.

U.S. Geological Survey (USGS) Topographical Map

A review of the McHenry, Illinois 7.5-minute topographical quadrangle depicted one road along the northeastern portion of the study area, and one intermittent stream intersecting the western portion of the study area. The study area is identified as undeveloped land. The USGS topographic map is presented as **Figure 3**.

National Wetlands Inventory (NWI)

Based on a review of the U.S. Fish and Wildlife Service (USFWS) NWI,¹ portions of one (1) wetland feature is present within the study area. The NWI-mapped riverine feature (R4SBC) is located along the west portion of the study area. The NWI-mapped features are presented on **Figure 4**.

McHenry County Advanced Identification of Wetlands (ADID)

Based on a review of the McHenry County GIS ADID Wetlands,² portions of three (3) wetland features are present within the study area. The ADID-mapped features are presented on **Figure 4**.

¹ USFWS. 2022. National Wetlands Inventory. Vector Digital Data. Published October 6, 2022.

² McHenry County GIS. Advance Identification of Wetlands. Published May 1, 2019.

USGS National Hydrography Dataset (NHD)

Based on a review of the USGS NHD,³ portions of one unnamed flowline segment transects the western portion of the study area. No waterbodies are present within the study area, several are within the study area vicinity. The NHD-mapped flowline generally aligns with NWI-mapped riverine feature. The NHD-mapped resources are presented on **Figure 4**.

2-ft LiDAR Contours

Two-foot contours⁴ were reviewed to determine if any wetland areas or drainage swales may be present on the study area. The study area generally slopes to the south and west. The 2-foot contours are presented on **Figure 5**.

McHenry County Soil Survey

A review of the McHenry County soil survey via the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Soil Survey (WSS) database⁵ identified 6 soil types within the study area. The study area is mapped with a predominantly non-hydric soils rating at or below 3 percent, or a non-hydric soils rating of 0 percent. Hydric soils rating data are presented on **Figure 6**.

Illinois Department of Natural Resources (IDNR) Public Waters Inventory

A review of the IDNR Public Waters Inventory⁶ was completed. No IDNR Public Waters are located within the project vicinity.

FEMA Floodplain

The Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) Viewer⁷ was reviewed to determine if any FEMA 100-year floodplain is located within the project study area. Based on Panel 17111C0215J (effective November 16, 2006), the project study area is not located within a FEMA 100-year floodplain. The FEMA floodplain data are presented on **Figure 7**.

Previous Study Area Disturbance

Historic aerials from 2006 to 2023 were reviewed to determine previous land use and disturbance on the study area and are presented in **Attachment A**. Several potential wetlands and waterway/linear drainage features were visible on the reviewed historic aerials, see comments in **Table 1**. The study area has been used for agricultural purposes since at least 2015.

Table 1. Project Study Area Historic Aerial Review

Year	Land Use	3-month Antecedent Precipitation Conditions	Comments
2006	Fallow, Wooded	Normal	Study area consists of fallow land and deciduous forest. Potential linear feature located in western portion of the study area.

³ USGS. 2022. National Hydrography Dataset. Vector Digital Data. Published December 27, 2023.

⁴ USGS. 2021. USGS 1 Meter DEM Panels. Published December 8, 2022.

⁵ USDA. 2021. USDA. Web Soil Survey. Illinois. Vector Digital Data. Published August 31, 2021.

⁶ IDNR. 2023. Illinois Public Waters. Available online at

<https://idnr.maps.arcgis.com/apps/webappviewer/index.html?id=b64decfb69504164a46badb2841ebb11>

⁷ USGS. FEMA National Flood Hazard Layer Viewer. Available online at <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd>

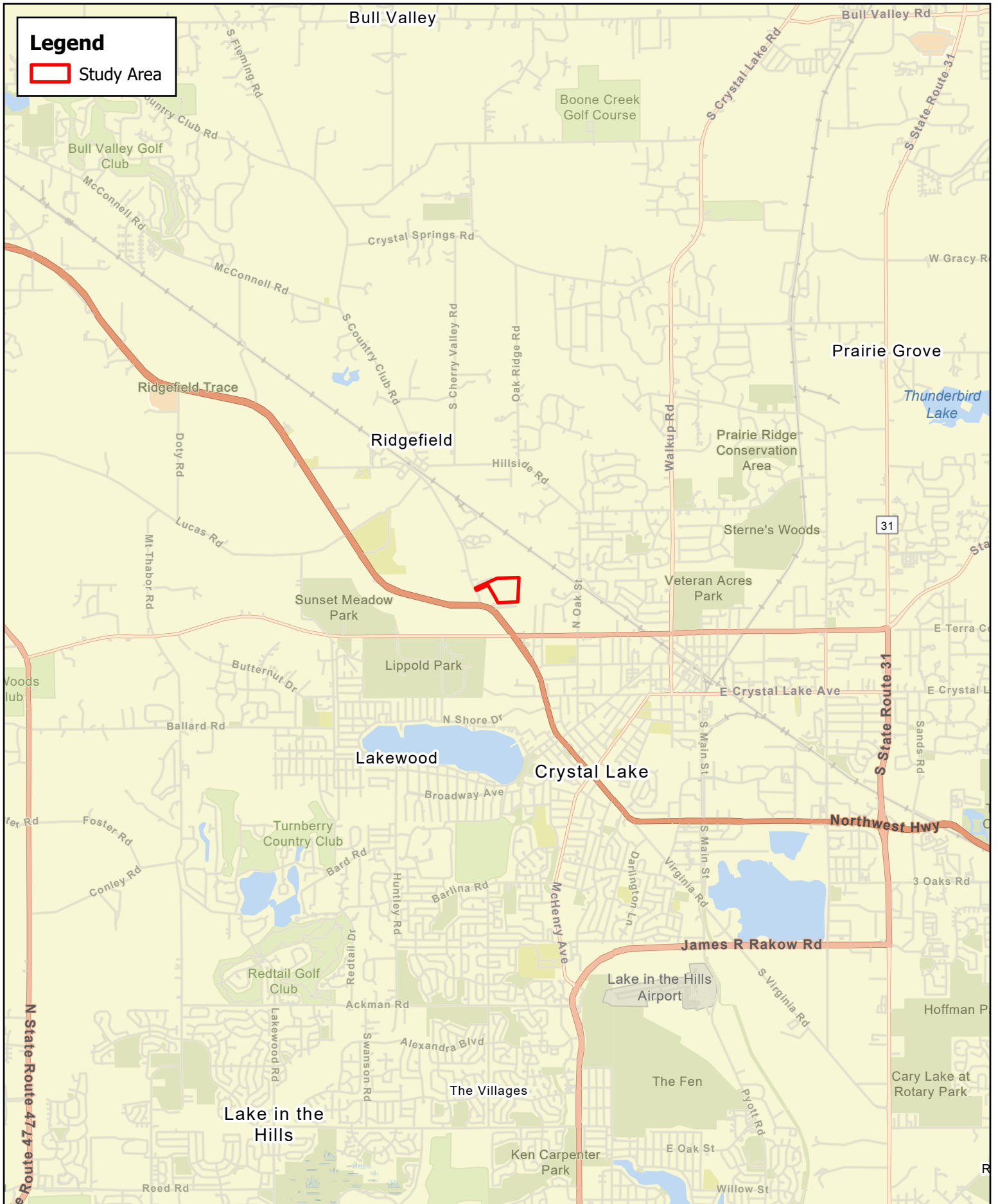
Year	Land Use	3-month Antecedent Precipitation Conditions	Comments
2007	Fallow, Wooded	Normal	Same comment as above.
2008	Fallow, Wooded	Wetter than Normal	Study area consists of fallow land and deciduous forest. Cultivated garden located along southern boundary of the study area. Potential wet areas are present between wooded areas in the west-central portion of the study area.
2009	Fallow, Wooded	Wetter than Normal	Study area consists of fallow land and deciduous forest.
2010	Fallow, Wooded	Wetter than Normal	Study area consists of fallow land and deciduous forest. Potential linear feature located along north-central portion of the study area. Potential wet areas are present between wooded areas in the west-central portion of the study area.
2011	Fallow, Wooded	Wetter than Normal	Same comment as above.
2015	Agricultural, Fallow, Wooded	Normal	Study area consists of agricultural field and deciduous forest. Potential linear features located along north-central portion of the study area and west boundary. Several wet areas are located throughout the central portion of the study area.

Three (3) potential linear features and five (5) areas of soil saturation and continued stunted or stressed vegetation were visible on the reviewed historic aerials.

CONCLUSIONS AND RECOMMENDATIONS:

Based on the Level 1 Wetland Delineation, Kimley-Horn identified three (3) potential linear features in the north and west portions of the study area, and five (5) potential wetlands in the north, central, and south portions of the study area (see **Figure 8**). A level 2 (field) wetland delineation is recommended to confirm the extents of wetlands and waterways within the project study area.

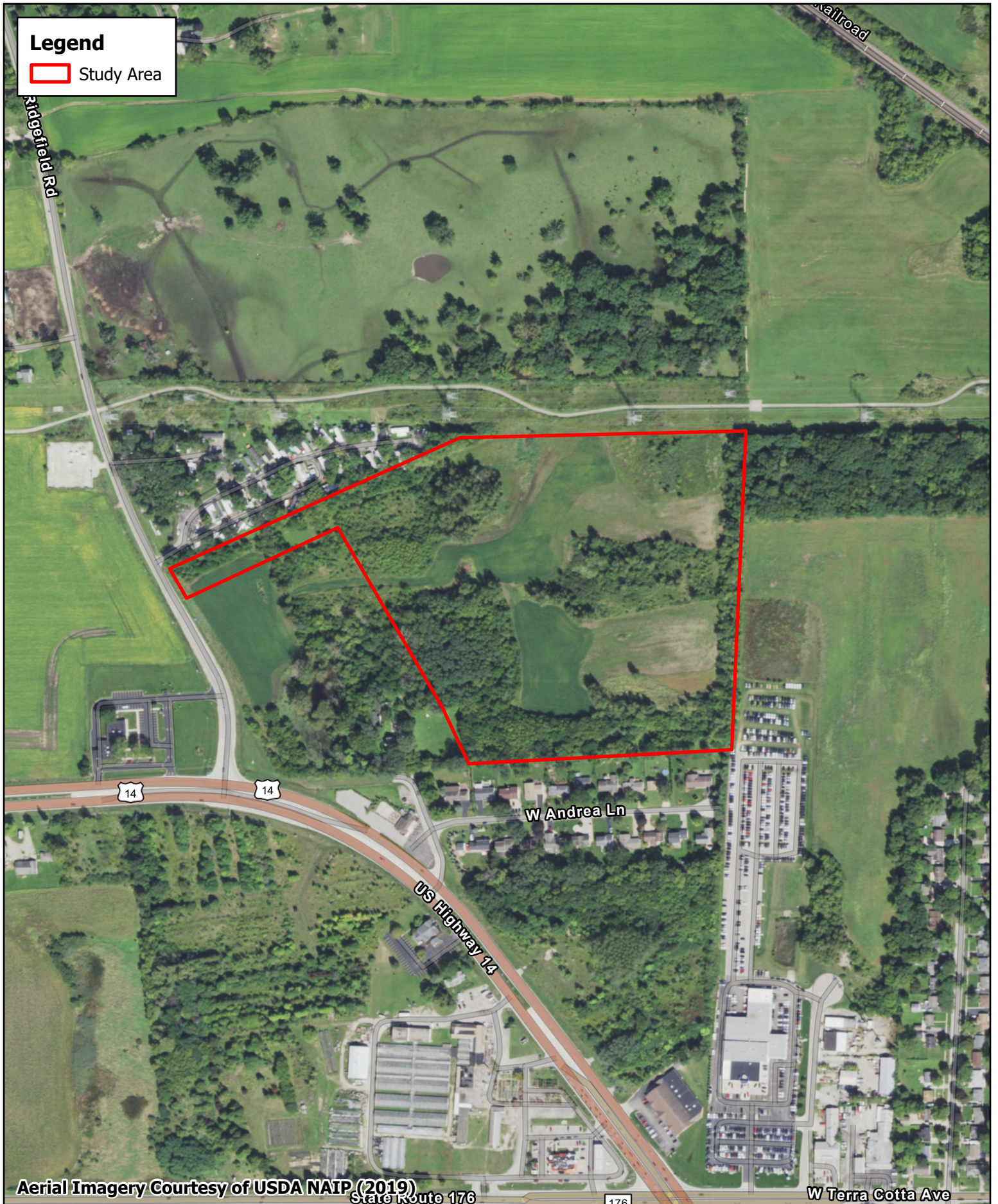
Figures



Legend

Study Area

Figure 1. Project Location
 Nunda Township, McHenry County
 Korver Solar, LLC



Aerial Imagery Courtesy of USDA NAIP (2019)

Figure 2. Study Area Boundary
 Nunda Township, McHenry County
 Korver Solar, LLC

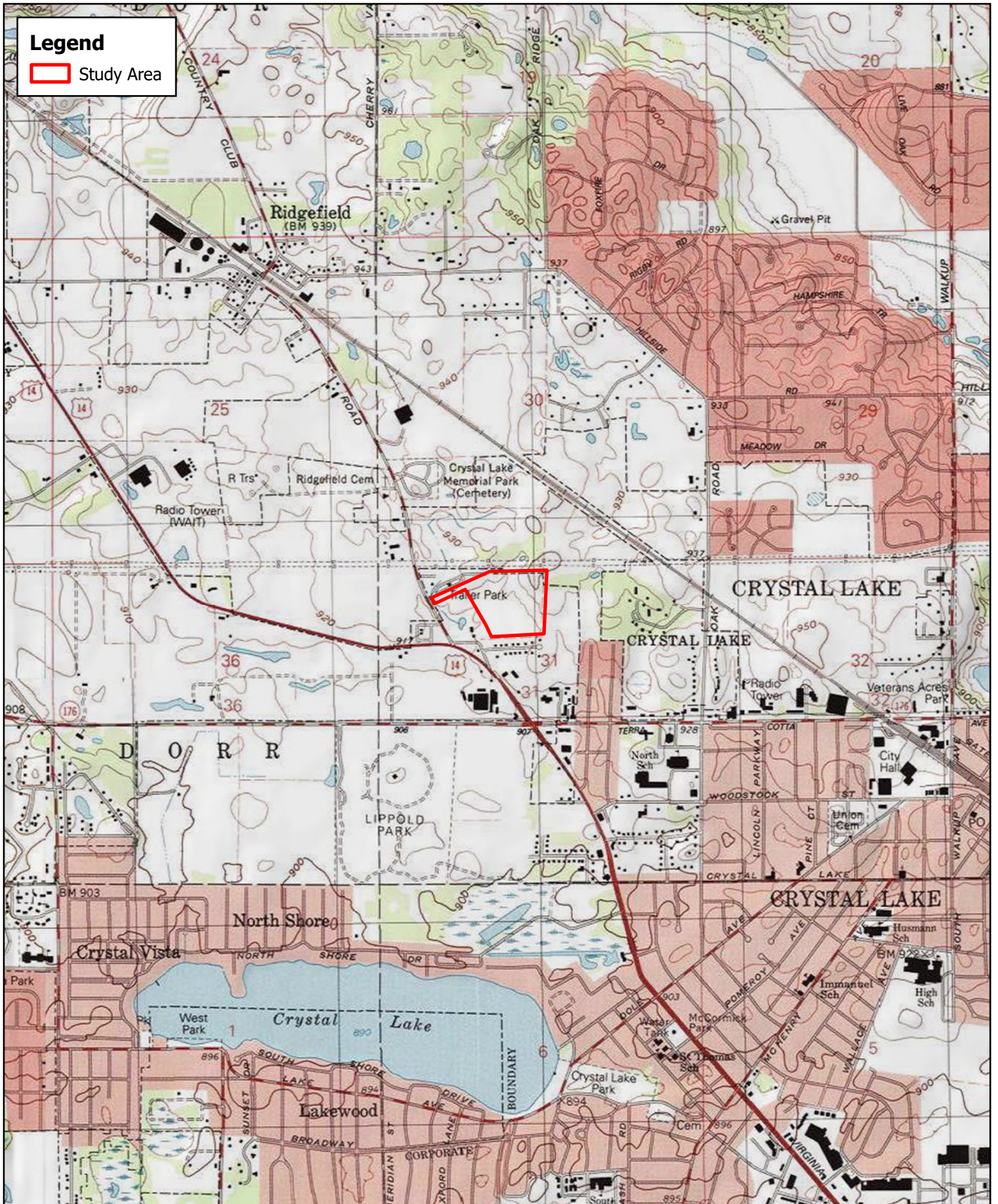
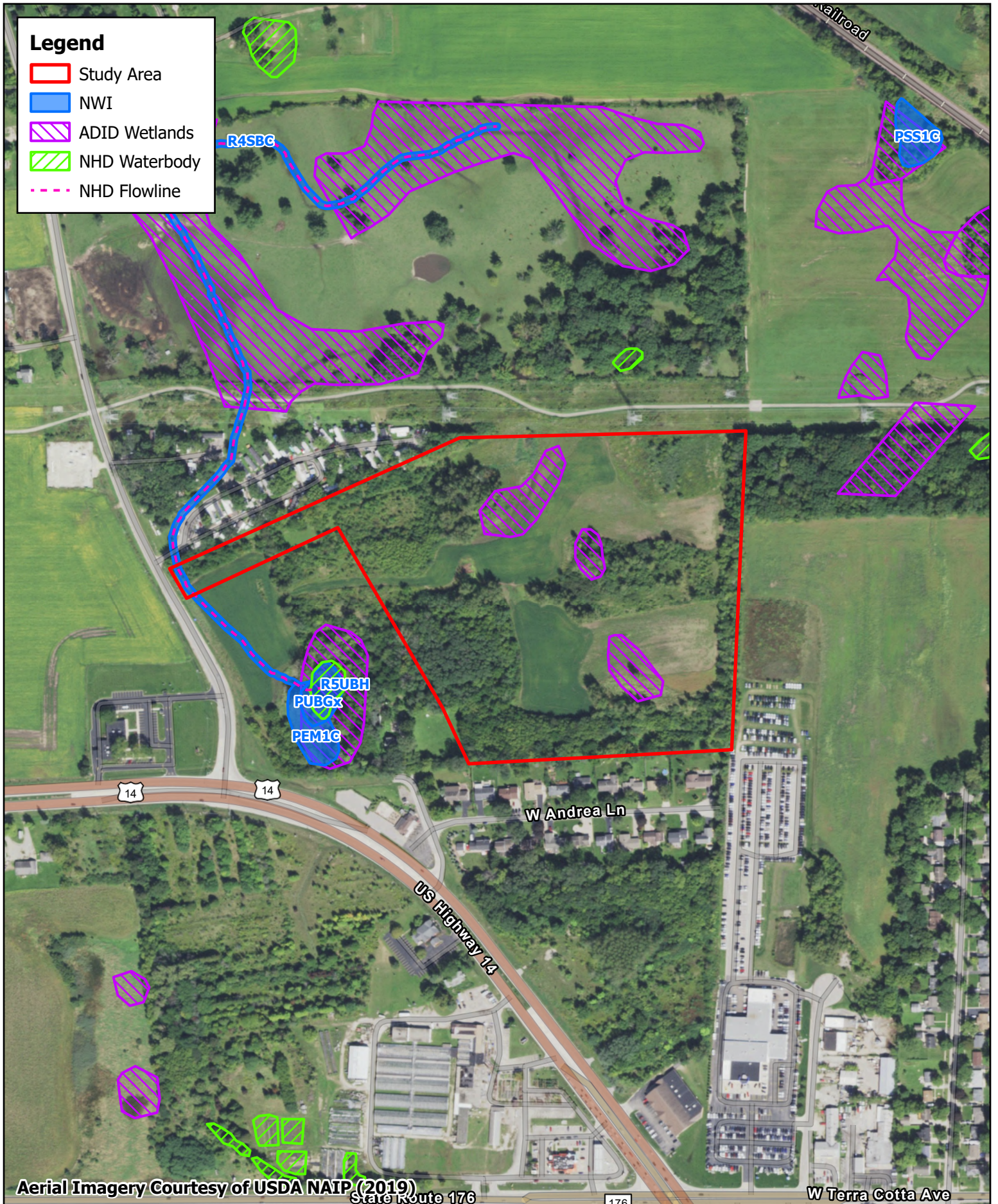


Figure 3. USGS Topographic Map
 Nunda Township, McHenry County
 Korver Solar, LLC



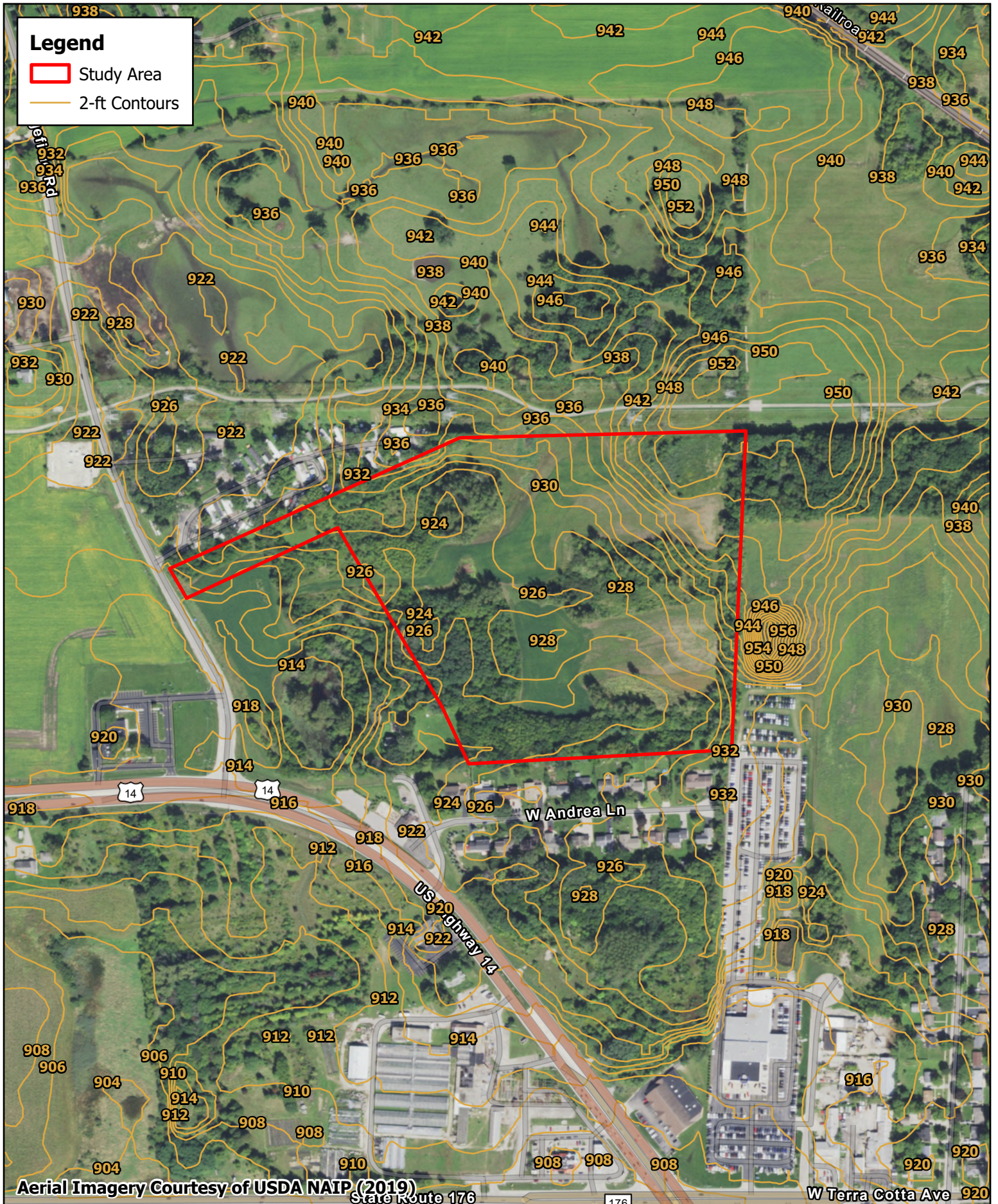
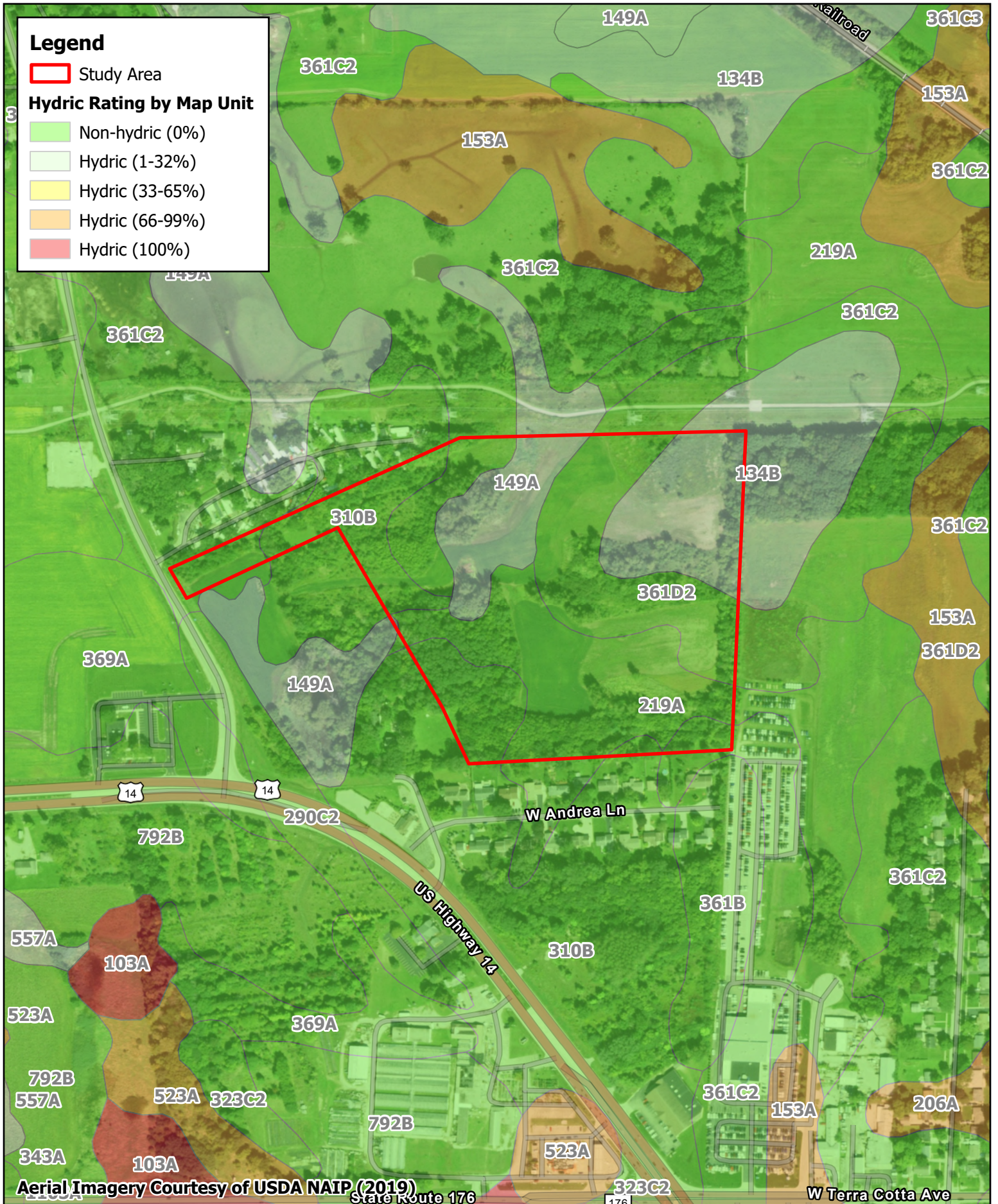


Figure 5. 2-ft Contours
 Nunda Township, McHenry County
 Korver Solar, LLC



Legend

Study Area

Hydric Rating by Map Unit

- Non-hydric (0%)
- Hydric (1-32%)
- Hydric (33-65%)
- Hydric (66-99%)
- Hydric (100%)



Figure 6. Hydric Soils Rating
 Nunda Township, McHenry County
 Korver Solar, LLC

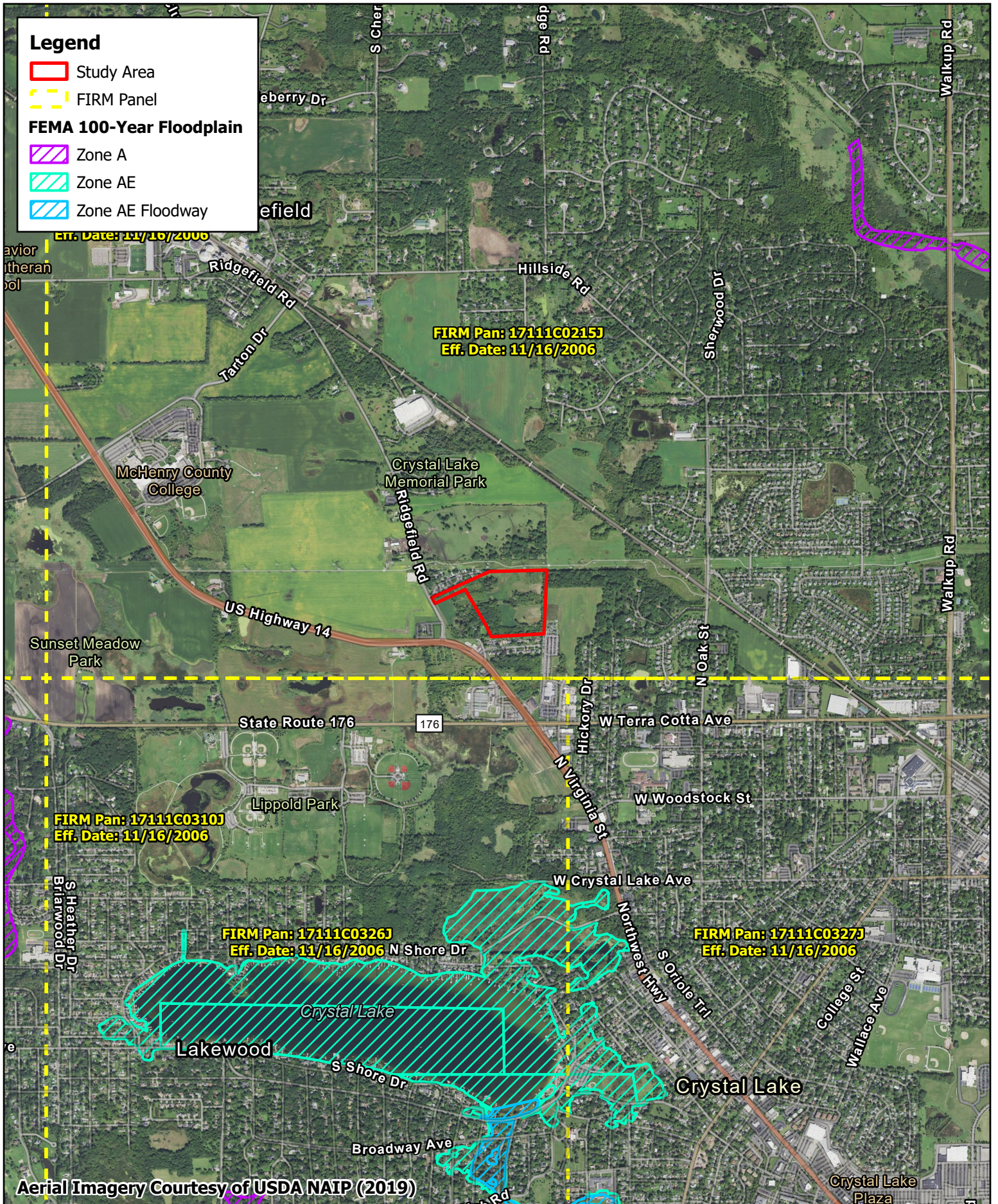
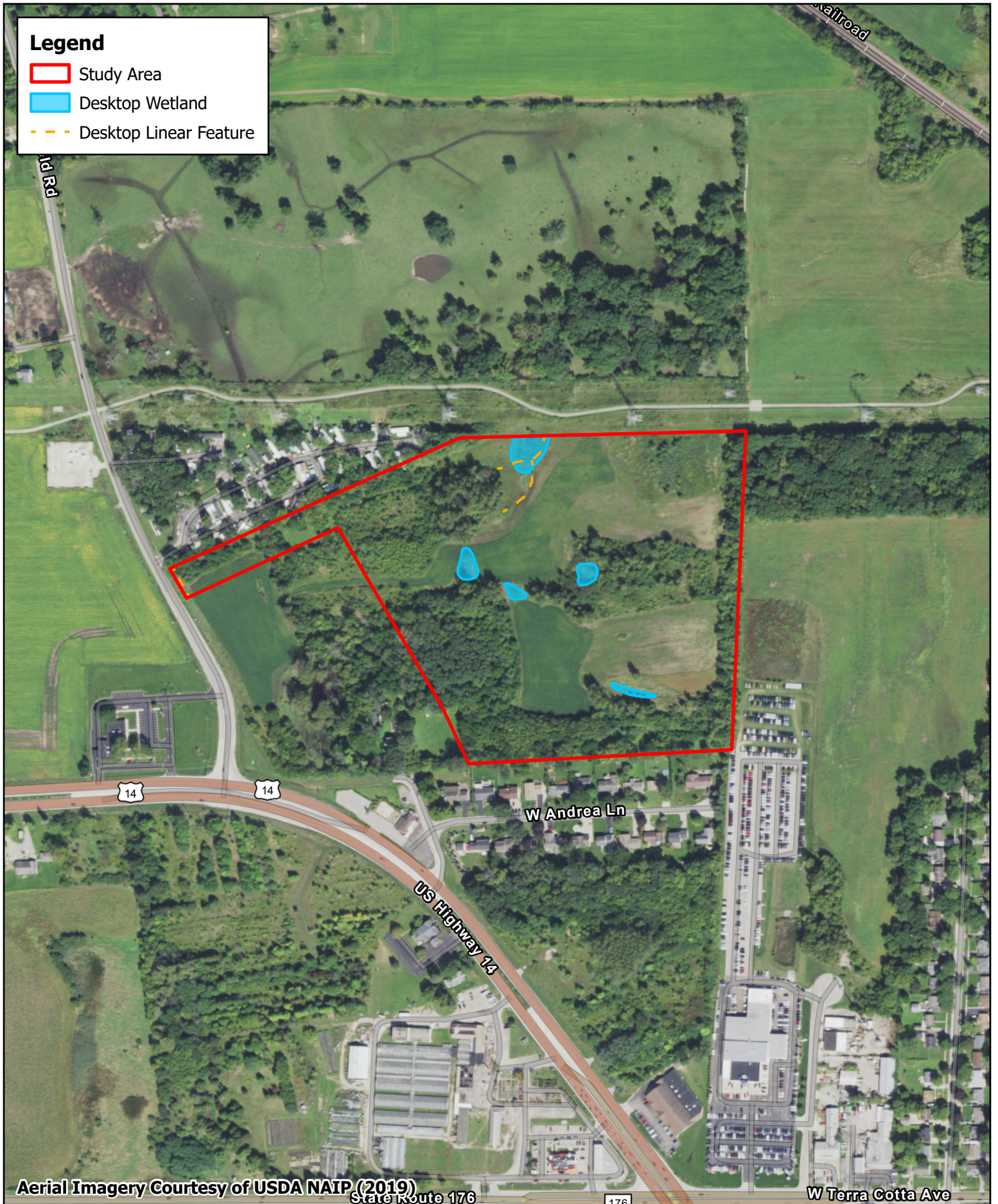


Figure 7. FEMA 100-Year Floodplain
Nunda Township, McHenry County
Korver Solar, LLC



Aerial Imagery Courtesy of USDA NAIP (2019)

Figure 8. Desktop Delineation Summary
 Nunda Township, McHenry County
 Korver Solar, LLC

ATTACHMENT A

Historic Aerials

Legend

 Study Area



Aerial Imagery Courtesy of Google Earth



Legend

 Study Area

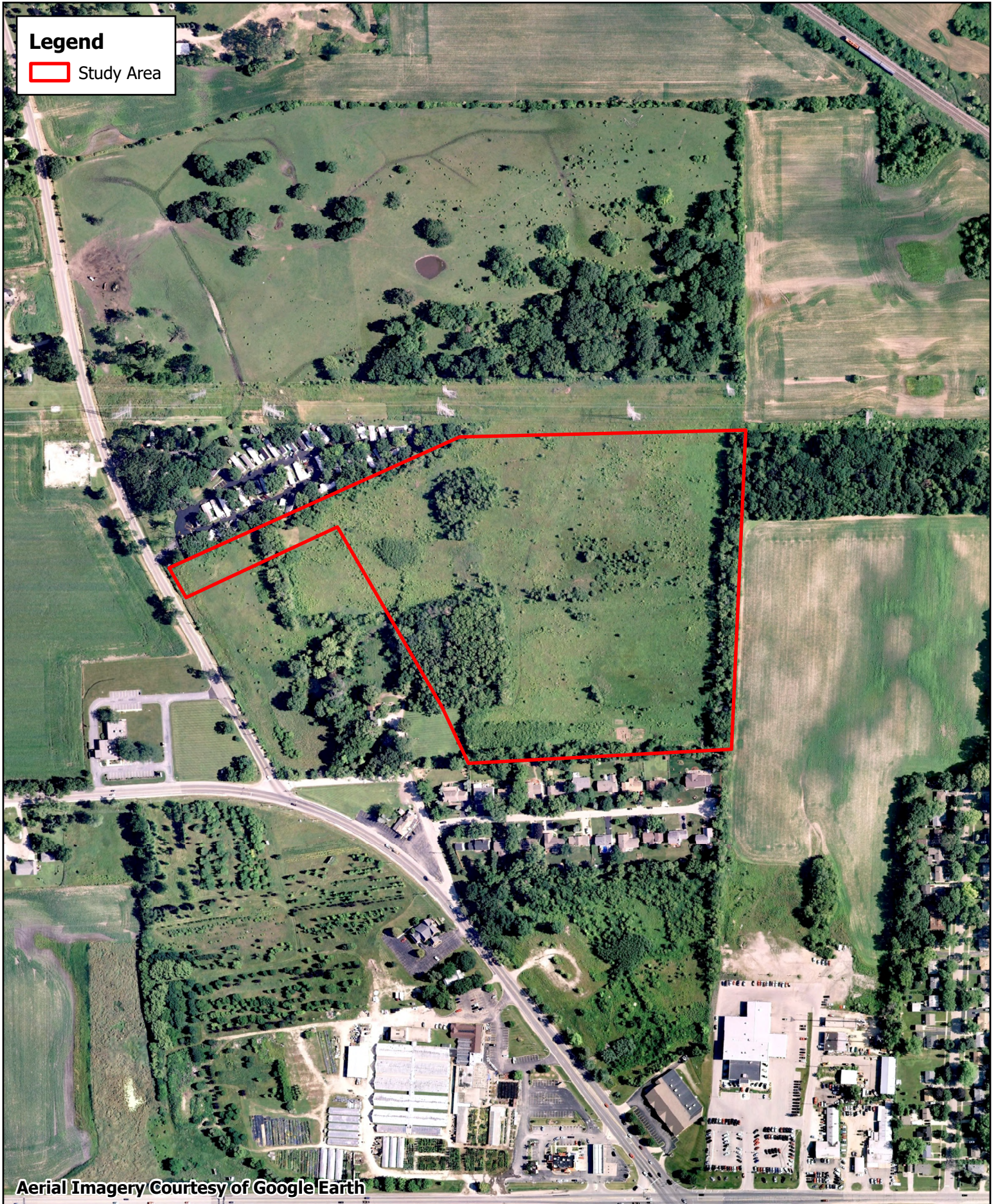


Aerial Imagery Courtesy of Google Earth



Legend

 Study Area

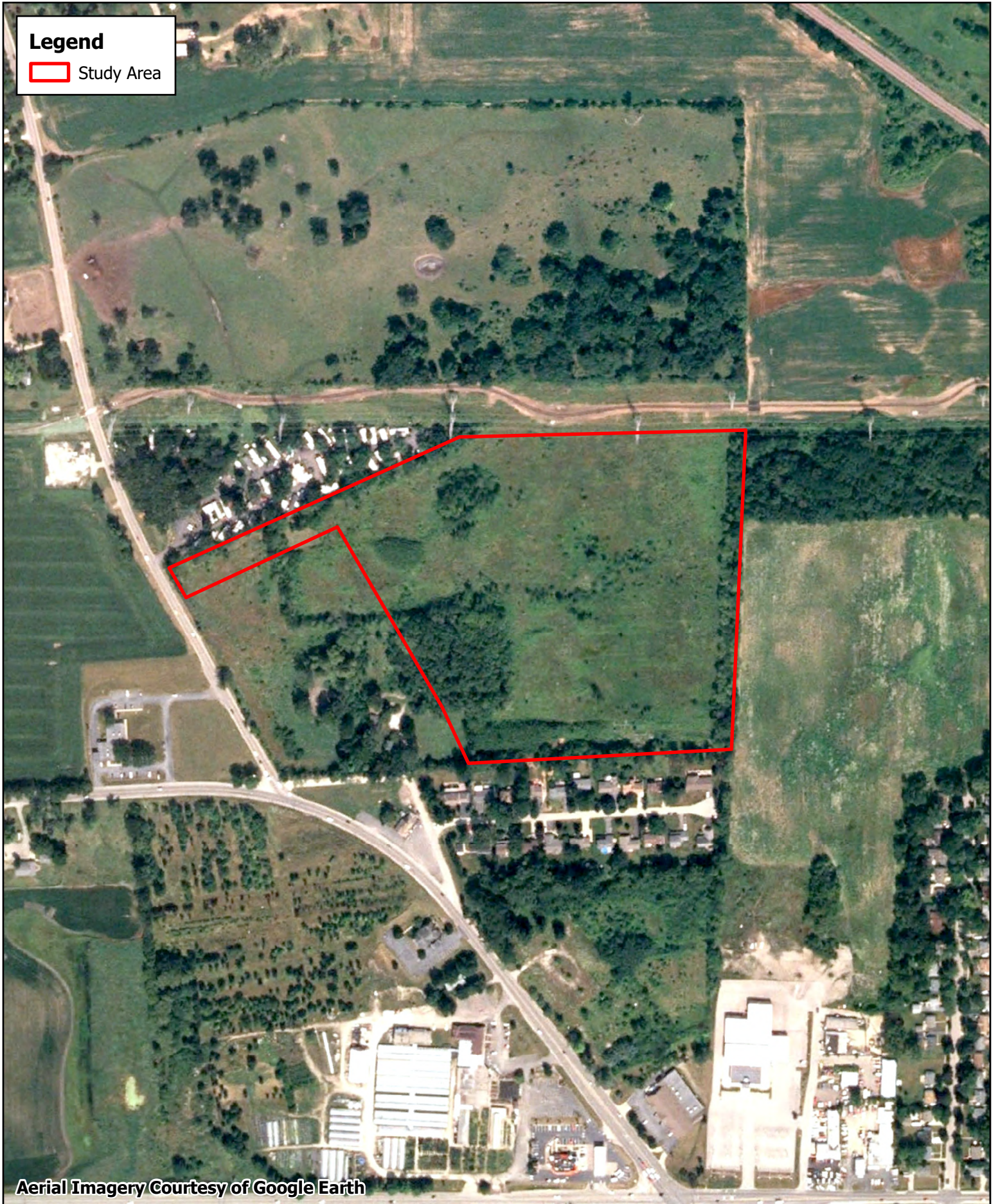


Aerial Imagery Courtesy of Google Earth



Legend

 Study Area

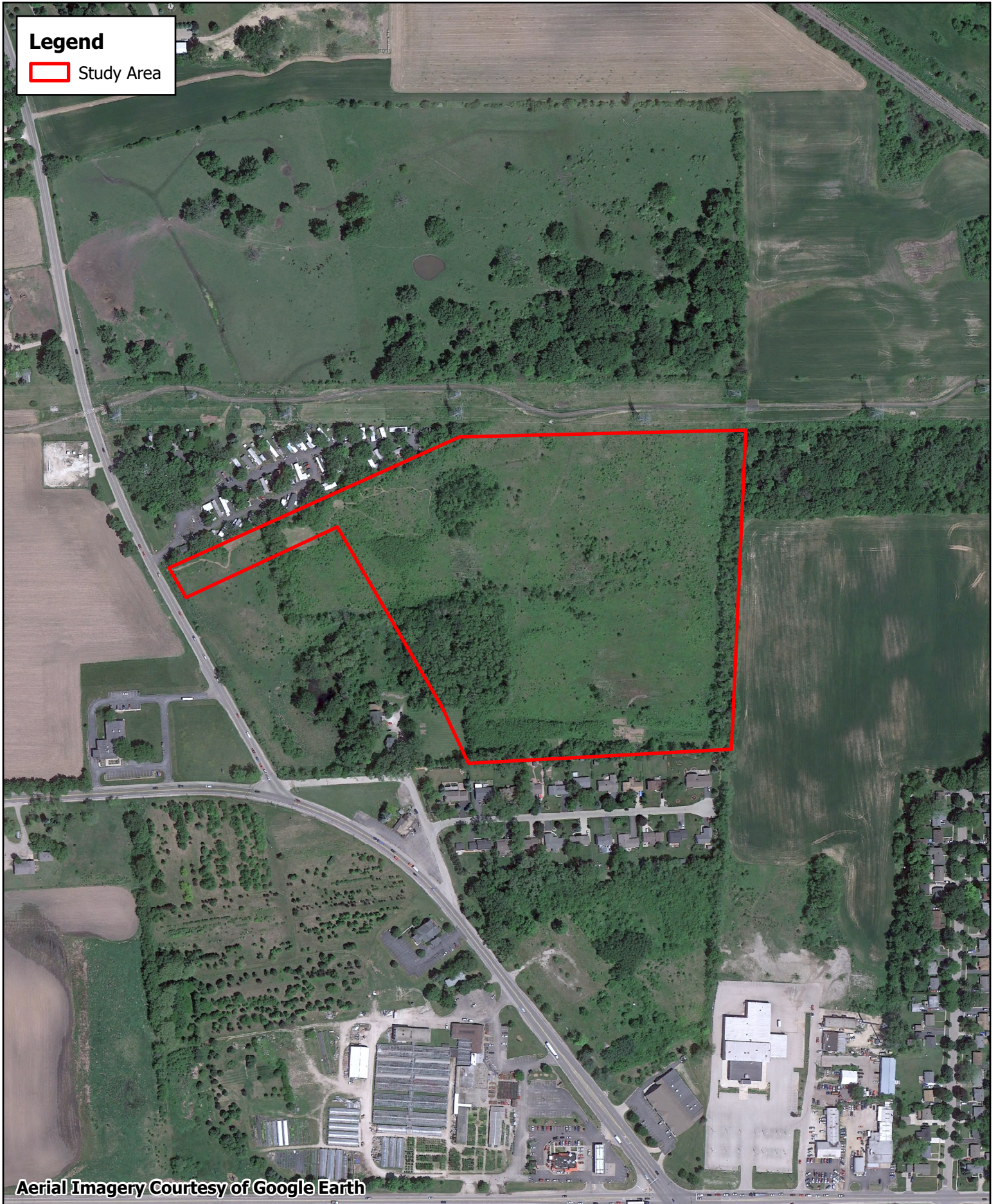


Aerial Imagery Courtesy of Google Earth



Legend

 Study Area



Aerial Imagery Courtesy of Google Earth



Legend

 Study Area



Aerial Imagery Courtesy of Google Earth



Legend

 Study Area



Aerial Imagery Courtesy of Google Earth



MEMORANDUM

To: Paul Bottum
Cultivate Power

From: Michael Jochheim
Kimley-Horn and Associates, Inc.

Date: March 30, 2026

Subject: Cultivate Power McHenry, IL
Due Diligence Tree Survey & Technical Memorandum

INTRODUCTION

Cultivate Power has engaged Kimley-Horn and Associates, Inc. (Kimley-Horn) to perform a comprehensive tree survey for due diligence purposes at the request of the McHenry County Zoning Board of Appeals (ZBA). While there are no dedicated tree preservation ordinances enforced in unincorporated McHenry County, several documents produced by the local conservation authorities have been reviewed and determined how they shall apply in this project. The site (Parcel ID Number: 14-31-126-003) is located in McHenry County, Illinois, north of US Highway 14, between Ridgefield Road and North Oak Street (Section 31, Township 44N, Range 8E). The site (Study Area) is currently zoned A-1, Agriculture, and is currently being utilized as an agricultural field with large, forested areas encompassing eastern, central, northwestern, southern, and southwestern portions of the study area.

Commencing March 17th through March 20th, 2026, a qualified ecologist, under the direction of certified arborist, Sarah Skowronski, Cert-ID IL-9854A, conducted an inventory of all viable trees on the subject property with a Diameter at Breast Height (DBH) of 3 inches or greater, documenting species, size, and general health condition. The arborist's assessment provides the necessary technical basis for site planning and regulatory decisions. Enclosed you will find a summary table of the tree survey (**Attachment A**) and georeferenced digital files in a .kmz format.

SUMMARY OF FINDINGS:

Tree Survey Procedures

The survey protocol included inventory of all trees with a DBH of 3 inches or greater, excluding invasive species such as *Rhamnus cathartica* (Common Buckthorn) and *Lonicera mackii/tartarica* (Honeysuckle spp.).

For multistem trees, the total DBH was calculated by measuring the DBH of the dominant stem and adding 50% of the DBH of each additional stem to this value. Tree condition was measured as good, fair, poor, or dead, based upon a visual evaluation of the tree individual's health at the time of the survey.

In alignment with McHenry County's conservation priorities as outlined in the McHenry County Conservation District's Natural Areas Protection Guide and the Oaks of McHenry County addendum, special attention was given to oak and hickory species during the survey (**Figure 2**).

A summary of trees meeting survey protocol requirements and their associated species and condition is included below in **Table 1**. A total of 2,393 trees were identified with DBH values greater than or equal to 3 inches.

Of the trees identified, **5 trees are considered of note to McHenry County**. These are represented as oak (*Quercus spp.*) and hickory (*Carya spp.*) species of fair or good quality with DBHs greater than 12 inches. This criterion was established due to the significant contributions of older individuals of this species subset to the McHenry County ecosystem.

Additional surveyed species are represented in **Table 1**. These include "Notable Species;" oak and hickory individuals with DBH values less than 12 inches, elms (*Ulmus spp.*), sycamores (*Platanus occidentalis*), and sugar maples (*Acer saccharum*), see **Figure 2**. Trees considered as an invasive species, such as *Rhamnus cathartica* (Common Buckthorn) and *Lonicera maackii* (Honeysuckle) are not included. The summary table of trees identified with DBH values greater than 3 inches and their associated locations, species, and qualities for each tree are located in **Attachment A**.

Table 1: Tree Survey Summary

Trees Meeting Protocol Requirements	Total Number of Trees Surveyed	Total Number of Trees in Good or Fair Condition	Total Number of Trees in Poor or Dead Condition
Oaks & Hickories with DBH Values 12 Inches or Greater	5	5	0
Notable Species – (Oaks & Hickories with DBH Values Less Than 12 Inches, Elms, Sycamores, & Sugar Maples)	500	414	86
Other Species Surveyed	1,888	1,205	682
Total	2,393	1,624	768

Tree Preservation & Removal Plan Requirements

At this time, based on publicly available information, McHenry County does not have an active tree preservation ordinance or removal requirement. This tree survey was conducted for due diligence purposes at the request of the Zoning Board of Appeals (ZBA).

While formal approval is not mandated, McHenry County encourages property owners to retain mature trees, with an emphasis on native species such as oak and hickory species. When tree removal is necessary it is recommended to document the tree's condition and to consider replacement or mitigation. In cases where tree replacement is feasible, McHenry County guidelines suggest planting native, non-invasive tree species with a minimum caliper of two inches.

CONCLUSIONS AND RECOMMENDATIONS:

Based on the information reviewed, Kimley-Horn has identified 66 trees that are oak or hickory species. Of these 66 trees, 60 were of good or fair condition and five had DBHs greater than or equal to 12 inches. A .kmz file of all 2,393 surveyed trees and all associated information has been included. Recommendations for replacements can be provided upon request.

Figures

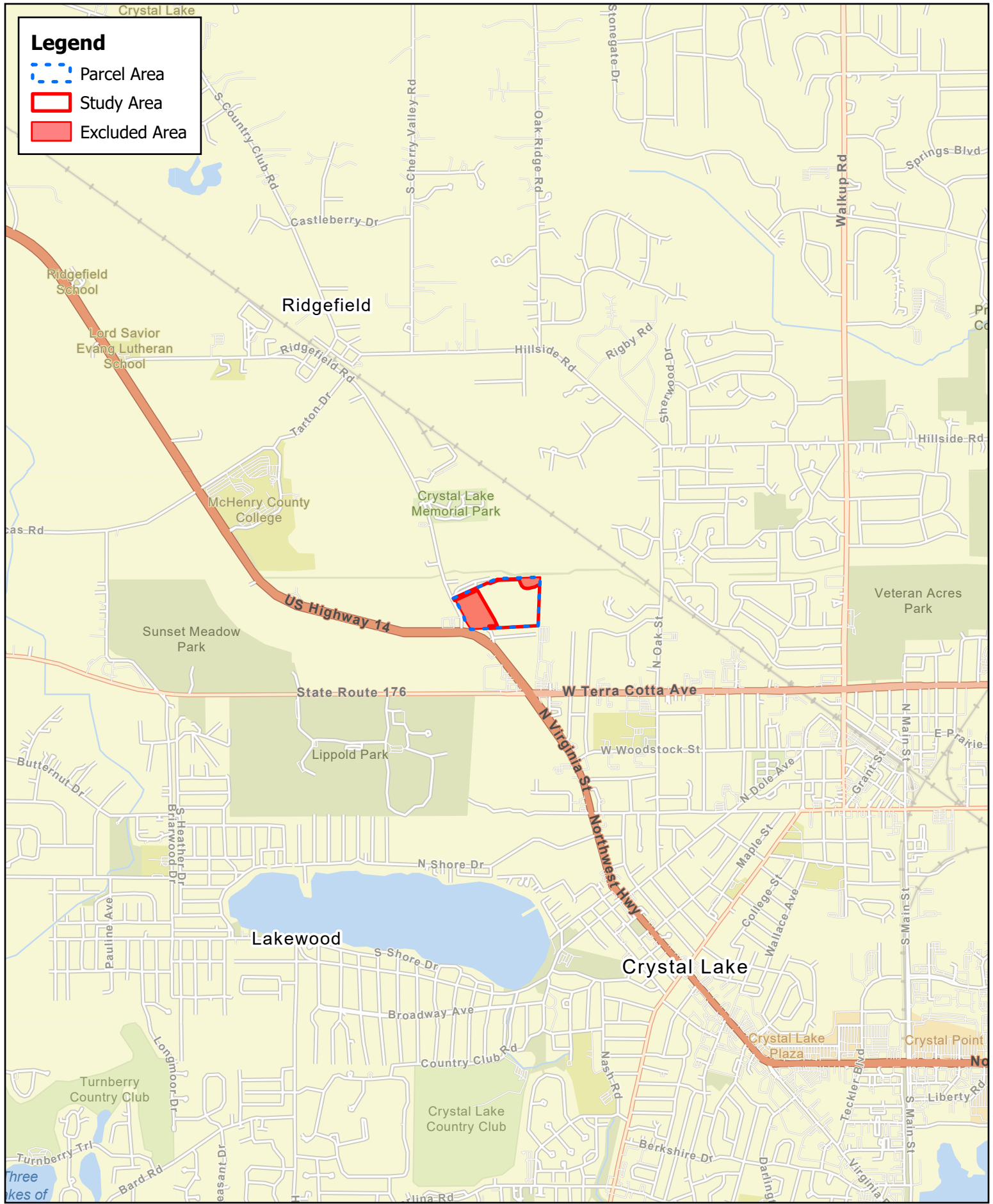


Figure 1. Project Location
 McHenry County, Illinois
 Cultivate Power

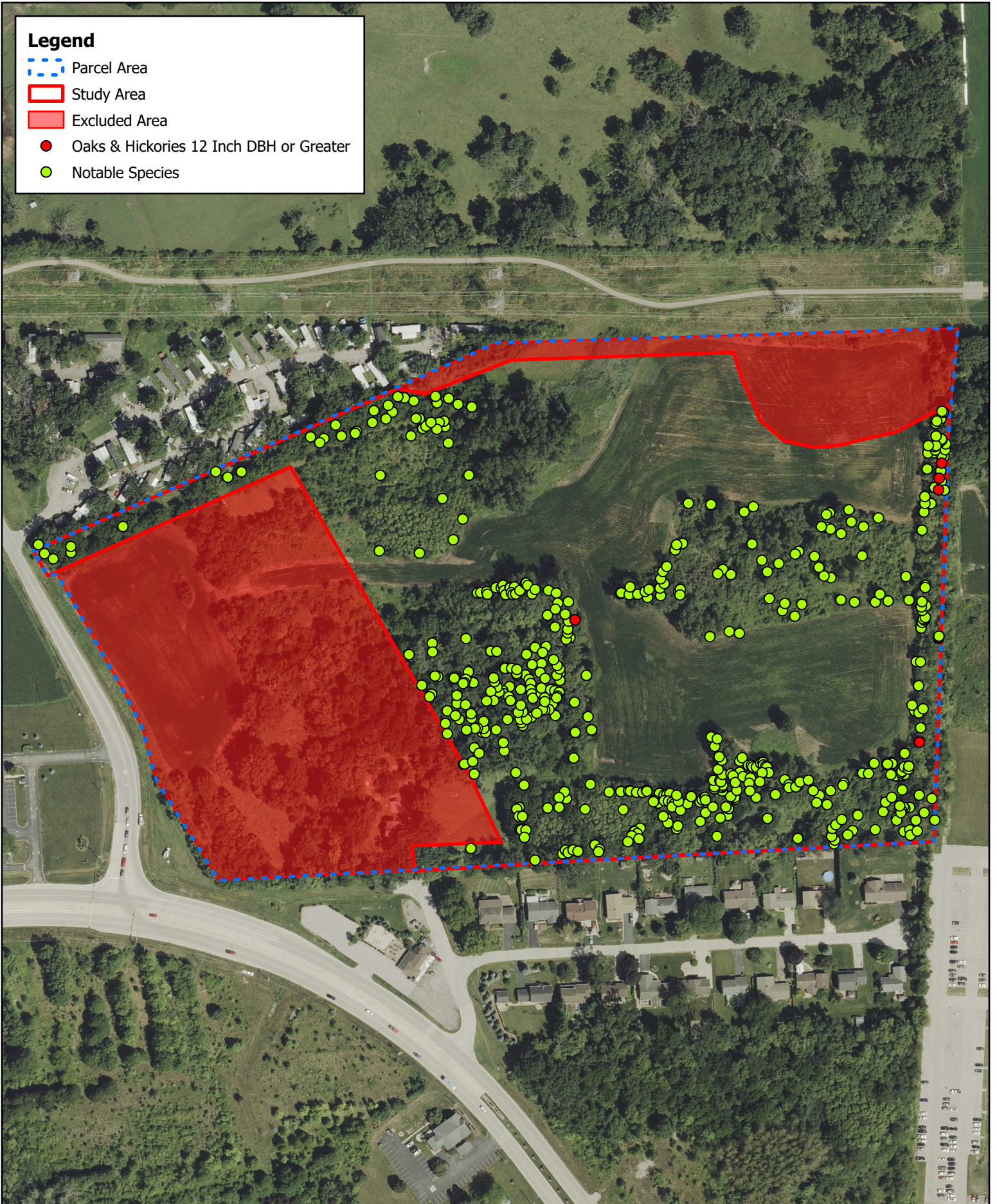


Figure 2. Notable Trees Location Map
 McHenry County, Illinois
 Cultivate Power

ATTACHMENT A

Tree Survey Table

FID	Species	Latin Name	DBH	Condition	Notable	Comments	Latitude	Longitude	Northing	Easting
0	Box elder	Acer negundo	8	Fair	NO	Multistem	42.25184966	-88.34897636	4678620.324	388721.5921
1	Box elder	Acer negundo	11	Fair	NO		42.25184843	-88.34897	4678620.179	388722.115
2	Box elder	Acer negundo	10	Fair	NO		42.25183974	-88.34894658	4678619.184	388724.0313
3	Box elder	Acer negundo	9	Poor	NO		42.25184289	-88.34889317	4678619.464	388728.4428
4	Box elder	Acer negundo	15	Fair	NO		42.25184413	-88.34888232	4678619.588	388729.3397
5	Green ash	Fraxinus pennsylvanica	4	Poor	NO		42.25184298	-88.34884924	4678619.417	388732.0669
6	Box elder	Acer negundo	4	Fair	NO		42.25183968	-88.34882052	4678619.013	388734.4302
7	Black cherry	Prunus serotina	15	Dead	NO		42.2518877	-88.34880991	4678624.331	388735.39
8	Box elder	Acer negundo	7	Fair	NO		42.25191922	-88.34862585	4678627.59	388750.6285
9	Siberian elm	Ulmus pumila	9	Fair	YES	Multistem	42.25194032	-88.34865357	4678629.97	388748.379
10	Red cedar	Juniperus virginiana	5	Fair	NO		42.25341416	-88.34944491	4678794.654	388685.6922
11	Red cedar	Juniperus virginiana	3	Fair	NO		42.25336007	-88.34930876	4678788.47	388696.8275
12	Black cherry	Prunus serotina	5	Fair	NO		42.25334857	-88.34926589	4678787.137	388700.3437
13	Red cedar	Juniperus virginiana	5	Good	NO		42.25326748	-88.34932923	4678778.216	388694.9765
14	Black cherry	Prunus serotina	4	Poor	NO		42.25325698	-88.34923441	4678776.926	388702.7801
15	Black walnut	Juglans nigra	14	Poor	NO		42.25323275	-88.34923036	4678774.231	388703.0712
16	Black walnut	Juglans nigra	14	Fair	NO		42.25319526	-88.34919775	4678770.025	388705.6952
17	Black walnut	Juglans nigra	7	Fair	NO		42.25318296	-88.34914546	4678768.591	388709.9872
18	Black walnut	Juglans nigra	18	Dead	NO		42.25316294	-88.34913304	4678766.352	388710.9765
19	Black walnut	Juglans nigra	13	Dead	NO		42.25316668	-88.34915731	4678766.798	388708.9813
20	Black walnut	Juglans nigra	9	Dead	NO		42.25317837	-88.34909957	4678768.021	388713.7643
21	Black walnut	Juglans nigra	4	Dead	NO		42.2531966	-88.34909517	4678770.04	388714.1596
22	Black walnut	Juglans nigra	11	Dead	NO		42.25319018	-88.3490718	4678769.296	388716.0757
23	Box elder	Acer negundo	5	Poor	NO		42.25317403	-88.34904797	4678767.473	388718.0136
24	White mulberry	Morus alba	15	Poor	NO		42.25314704	-88.34906713	4678764.501	388716.3852
25	Black walnut	Juglans nigra	19	Good	NO		42.25314655	-88.34899712	4678764.354	388722.1595
26	Black walnut	Juglans nigra	17	Good	NO		42.25317468	-88.34899373	4678767.473	388722.4893
27	Unknown		5	Dead	NO		42.25317784	-88.3489857	4678767.814	388723.1572
28	Box elder	Acer negundo	5	Poor	NO		42.25317395	-88.34897231	4678767.364	388724.2549
29	Bigtooth aspen	Populus grandidentata	7	Fair	NO		42.25325088	-88.34894991	4678775.877	388726.2376
30	Bigtooth aspen	Populus grandidentata	9	Fair	NO	Multistem	42.25326141	-88.34894495	4678777.04	388726.6649
31	Bigtooth aspen	Populus grandidentata	5	Poor	NO		42.25327361	-88.34895	4678778.401	388726.2703
32	Black cherry	Prunus serotina	5	Fair	NO		42.25328083	-88.34893781	4678779.187	388727.2884
33	Black cherry	Prunus serotina	7	Fair	NO		42.25329837	-88.34895813	4678781.161	388725.6427
34	Bigtooth aspen	Populus grandidentata	5	Fair	NO		42.25329373	-88.34892788	4678780.607	388728.1305
35	Bigtooth aspen	Populus grandidentata	6	Fair	NO		42.25330715	-88.34891149	4678782.075	388729.5058
36	Bigtooth aspen	Populus grandidentata	4	Fair	NO		42.25330648	-88.34890955	4678781.998	388729.6645
37	Black cherry	Prunus serotina	7	Fair	NO		42.25330394	-88.34890039	4678781.704	388730.416
38	Bigtooth aspen	Populus grandidentata	5	Fair	NO		42.25334062	-88.34887684	4678785.746	388732.4234
39	Bigtooth aspen	Populus grandidentata	3	Poor	NO		42.25334744	-88.34888206	4678786.511	388732.004
40	Bigtooth aspen	Populus grandidentata	3	Poor	NO		42.25334795	-88.34889315	4678786.581	388731.0907
41	Bigtooth aspen	Populus grandidentata	3	Poor	NO		42.25334859	-88.34889467	4678786.655	388730.9663
42	Red cedar	Juniperus virginiana	5	Poor	NO		42.25333669	-88.34887528	4678785.308	388732.5446
43	Bigtooth aspen	Populus grandidentata	4	Fair	NO		42.25333763	-88.34886998	4678785.406	388732.9839

44	Bigtooth aspen	Populus grandidentata	3	Fair	NO	42.25333715	-88.34886032	4678785.339	388733.78	
45	Bigtooth aspen	Populus grandidentata	3	Fair	NO	42.25336007	-88.34886882	4678787.896	388733.1186	
46	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25336169	-88.34887956	4678788.089	388732.2357	
47	Bigtooth aspen	Populus grandidentata	3	Fair	NO	42.25337185	-88.34888129	4678789.22	388732.1109	
48	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25338862	-88.34885822	4678791.051	388734.0436	
49	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25338875	-88.34884388	4678791.048	388735.2262	
50	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25337233	-88.34882536	4678789.2	388736.7256	
51	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.2533539	-88.34881869	4678787.144	388737.2429	
52	Bigtooth aspen	Populus grandidentata	3	Fair	NO	42.25332721	-88.3488082	4678784.168	388738.0612	
53	Bigtooth aspen	Populus grandidentata	6	Poor	NO	Multistem	42.25331315	-88.34881642	4678782.617	388737.3588
54	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25330807	-88.34878808	4678782.016	388739.6875	
55	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25331416	-88.34878074	4678782.683	388740.3036	
56	Bigtooth aspen	Populus grandidentata	3	Fair	NO	42.25332553	-88.3487769	4678783.94	388740.6402	
57	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25332969	-88.34878015	4678784.407	388740.3799	
58	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25332969	-88.34878564	4678784.414	388739.9268	
59	Hawthorn	Crataegus monogyna	4	Fair	NO	42.25334269	-88.34879676	4678785.872	388739.0327	
60	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25335614	-88.34878889	4678787.354	388739.7053	
61	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25337144	-88.34879832	4678789.066	388738.9544	
62	Bigtooth aspen	Populus grandidentata	3	Dead	NO	42.25337153	-88.34879815	4678789.076	388738.9682	
63	Bigtooth aspen	Populus grandidentata	3	Fair	NO	42.25334035	-88.34877358	4678785.582	388740.9404	
64	Black cherry	Prunus serotina	5	Fair	NO	42.25334038	-88.34875669	4678785.563	388742.3334	
65	Black cherry	Prunus serotina	6	Fair	NO	42.25333599	-88.3487264	4678785.035	388744.8248	
66	Bigtooth aspen	Populus grandidentata	6	Fair	NO	42.25333467	-88.34872235	4678784.884	388745.1564	
67	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.2533192	-88.34871917	4678783.161	388745.3912	
68	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25331463	-88.34871138	4678782.644	388746.0259	
69	Bigtooth aspen	Populus grandidentata	7	Fair	NO	42.25328724	-88.34872038	4678779.615	388745.2353	
70	Bigtooth aspen	Populus grandidentata	6	Fair	NO	42.25325833	-88.34872774	4678776.414	388744.5774	
71	Bigtooth aspen	Populus grandidentata	6	Fair	NO	42.25324914	-88.34874086	4678775.411	388743.479	
72	Bigtooth aspen	Populus grandidentata	4	Fair	NO	42.25331256	-88.34870747	4678782.409	388746.3447	
73	Black cherry	Prunus serotina	9	Fair	NO	42.25333831	-88.34867704	4678785.228	388748.9006	
74	Black cherry	Prunus serotina	9	Fair	NO	Multistem	42.25334649	-88.34867341	4678786.133	388749.2144
75	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25332899	-88.34866734	4678784.181	388749.6844	
76	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25330543	-88.34865301	4678781.547	388750.825	
77	Black cherry	Prunus serotina	8	Fair	NO	42.25329381	-88.34866875	4678780.277	388749.5061	
78	Bigtooth aspen	Populus grandidentata	8	Fair	NO	42.253286	-88.34867749	4678779.421	388748.7713	
79	Box elder	Acer negundo	3	Poor	NO	42.25325466	-88.34866198	4678775.921	388749.9961	
80	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25329151	-88.34863433	4678779.976	388752.3415	
81	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25331674	-88.34862488	4678782.766	388753.165	
82	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25331478	-88.34862513	4678782.548	388753.1411	
83	Bigtooth aspen	Populus grandidentata	8	Fair	NO	42.2533199	-88.34859269	4678783.075	388755.8261	
84	Bigtooth aspen	Populus grandidentata	7	Fair	NO	42.25331471	-88.34859094	4678782.496	388755.9618	
85	Siberian elm	Ulmus pumila	4	Fair	YES	42.25336105	-88.34860476	4678787.66	388754.9033	
86	Siberian elm	Ulmus pumila	4	Fair	YES	42.25336278	-88.34858069	4678787.82	388756.8918	
87	Black cherry	Prunus serotina	4	Fair	NO	42.2533572	-88.34858177	4678787.201	388756.7929	
88	Bigtooth aspen	Populus grandidentata	5	Fair	NO	42.25336503	-88.34857364	4678788.06	388757.4773	

89	Bigtooth aspen	Populus grandidentata	4	Fair	NO		42.25336901	-88.34857479	4678788.504	388757.389
90	Siberian elm	Ulmus pumila	4	Fair	YES		42.25336762	-88.34853553	4678788.299	388760.6249
91	Siberian elm	Ulmus pumila	5	Fair	YES		42.25335331	-88.34852997	4678786.703	388761.0589
92	Box elder	Acer negundo	5	Fair	NO		42.25333087	-88.34853842	4678784.221	388760.3221
93	Bigtooth aspen	Populus grandidentata	6	Poor	NO		42.25331866	-88.34850333	4678782.82	388763.1956
94	Bigtooth aspen	Populus grandidentata	6	Fair	NO		42.25330416	-88.34850164	4678781.208	388763.3095
95	Bigtooth aspen	Populus grandidentata	8	Dead	NO		42.25329173	-88.34849574	4678779.82	388763.7739
96	Bigtooth aspen	Populus grandidentata	5	Fair	NO		42.25326784	-88.34848893	4678777.158	388764.2943
97	Bigtooth aspen	Populus grandidentata	6	Dead	NO		42.25324973	-88.34849264	4678775.152	388763.9558
98	Box elder	Acer negundo	12	Fair	NO		42.25322132	-88.34853048	4678772.048	388760.7843
99	Box elder	Acer negundo	6	Fair	NO		42.25323856	-88.34849727	4678773.918	388763.5549
100	Box elder	Acer negundo	11	Fair	NO		42.25324482	-88.34849001	4678774.603	388764.1641
101	Box elder	Acer negundo	10	Fair	NO		42.2532616	-88.34849445	4678776.472	388763.8276
102	Bigtooth aspen	Populus grandidentata	6	Fair	NO	Multistem	42.25327278	-88.34850284	4678777.726	388763.155
103	Bigtooth aspen	Populus grandidentata	13	Fair	NO		42.25326267	-88.34848995	4678776.585	388764.201
104	Bigtooth aspen	Populus grandidentata	8	Fair	NO		42.25327149	-88.34846609	4678777.534	388766.1841
105	Bigtooth aspen	Populus grandidentata	16	Fair	NO		42.25327328	-88.34845683	4678777.721	388766.9516
106	Box elder	Acer negundo	8	Fair	NO		42.25329737	-88.34845837	4678780.397	388766.8669
107	Black walnut	Juglans nigra	9	Fair	NO		42.253351	-88.34847424	4678786.373	388765.6517
108	Box elder	Acer negundo	6	Poor	NO		42.25337855	-88.34847201	4678789.429	388765.8846
109	American elm	Ulmus americana	7	Fair	YES		42.25339011	-88.34846585	4678790.704	388766.4126
110	Box elder	Acer negundo	6	Poor	NO		42.25340663	-88.34845047	4678792.519	388767.7101
111	American elm	Ulmus americana	9	Fair	YES		42.25338881	-88.34842694	4678790.509	388769.6204
112	American elm	Ulmus americana	9	Fair	YES		42.25340296	-88.34841317	4678792.063	388770.7806
113	American elm	Ulmus americana	6	Fair	YES	Multistem	42.25337302	-88.34840488	4678788.727	388771.4122
114	American elm	Ulmus americana	7	Fair	YES		42.2533512	-88.34839328	4678786.289	388772.331
115	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25333559	-88.34838392	4678784.544	388773.0752
116	Unknown		4	Dead	NO		42.25332299	-88.34839758	4678783.163	388771.9267
117	Box elder	Acer negundo	6	Fair	NO		42.2533189	-88.34839902	4678782.71	388771.8003
118	Bigtooth aspen	Populus grandidentata	5	Poor	NO		42.25331637	-88.34837257	4678782.395	388773.9778
119	Box elder	Acer negundo	5	Fair	NO		42.25331898	-88.34836999	4678782.682	388774.195
120	Box elder	Acer negundo	4	Fair	NO		42.25329925	-88.3483927	4678780.521	388772.2869
121	Bigtooth aspen	Populus grandidentata	15	Fair	NO		42.25327704	-88.34837556	4678778.032	388773.6625
122	Bigtooth aspen	Populus grandidentata	12	Fair	NO		42.25326553	-88.34836615	4678776.741	388774.4179
123	Box elder	Acer negundo	5	Fair	NO		42.25329194	-88.34833241	4678779.63	388777.2478
124	Box elder	Acer negundo	5	Poor	NO		42.25332162	-88.34834098	4678782.937	388776.5932
125	Box elder	Acer negundo	5	Fair	NO		42.25333067	-88.34834165	4678783.942	388776.5536
126	Box elder	Acer negundo	7	Fair	NO	Multistem	42.25336494	-88.34836404	4678787.777	388774.7665
127	American elm	Ulmus americana	6	Fair	YES		42.25339217	-88.34836088	4678790.796	388775.0757
128	American elm	Ulmus americana	3	Dead	YES		42.25338884	-88.34835955	4678790.424	388775.1796
129	Box elder	Acer negundo	4	Fair	NO		42.25339356	-88.34833338	4678790.915	388777.3463
130	American elm	Ulmus americana	6	Fair	YES		42.25339358	-88.3483282	4678790.91	388777.7734
131	Eastern cottonwood	Populus deltoides	44	Good	NO	Multistem	42.2534097	-88.34833153	4678792.704	388777.5277
132	American elm	Ulmus americana	5	Fair	YES		42.25336197	-88.34835038	4678787.43	388775.8883
133	American elm	Ulmus americana	6	Fair	YES		42.25335142	-88.34833864	4678786.242	388776.8381

134	American elm	Ulmus americana	5	Fair	YES	42.25335499	-88.34831894	4678786.613	388778.4696
135	Box elder	Acer negundo	4	Fair	NO	42.25334607	-88.34831208	4678785.614	388779.02
136	Box elder	Acer negundo	3	Fair	NO	42.25334747	-88.34829596	4678785.748	388780.3523
137	American elm	Ulmus americana	3	Fair	YES	42.25337446	-88.34828745	4678788.734	388781.1017
138	American elm	Ulmus americana	3	Fair	YES	42.25341279	-88.34824665	4678792.937	388784.5344
139	American elm	Ulmus americana	9	Fair	YES	42.25340635	-88.34823313	4678792.204	388785.6381
140	American elm	Ulmus americana	12	Fair	YES	42.25341497	-88.34824036	4678793.17	388785.0575
141	American elm	Ulmus americana	7	Fair	YES	42.25340223	-88.34822837	4678791.74	388786.0241
142	Eastern cottonwood	Populus deltoides	13	Fair	NO	42.25336247	-88.34822592	4678787.323	388786.1565
143	American elm	Ulmus americana	4	Fair	YES	42.25335546	-88.34819649	4678786.506	388788.5717
144	American elm	Ulmus americana	4	Fair	YES	42.25338004	-88.34817272	4678789.204	388790.5759
145	Eastern cottonwood	Populus deltoides	19	Fair	NO	42.25338401	-88.34808376	4678789.528	388797.9207
146	American elm	Ulmus americana	6	Fair	YES	42.25337452	-88.34807339	4678788.462	388798.7595
147	Eastern cottonwood	Populus deltoides	12	Fair	NO	42.25336002	-88.34805202	4678786.824	388800.4966
148	Eastern cottonwood	Populus deltoides	18	Fair	NO	42.25337075	-88.34804413	4678788.005	388801.1669
149	Box elder	Acer negundo	3	Fair	NO	42.25340601	-88.34805015	4678791.927	388800.7318
150	Eastern cottonwood	Populus deltoides	29	Fair	NO	42.25342573	-88.34803618	4678794.099	388801.9192
151	Eastern cottonwood	Populus deltoides	14	Fair	NO	42.25343034	-88.34798274	4678794.541	388806.3351
152	Eastern cottonwood	Populus deltoides	19	Fair	NO	42.25340932	-88.34796169	4678792.18	388808.0352
153	Eastern cottonwood	Populus deltoides	16	Fair	NO	42.25335763	-88.34796736	4678786.448	388807.4762
154	Eastern cottonwood	Populus deltoides	9	Fair	NO	42.25335203	-88.34797031	4678785.83	388807.2234
155	Eastern cottonwood	Populus deltoides	14	Good	NO	42.25334389	-88.34798529	4678784.945	388805.9733
156	Eastern cottonwood	Populus deltoides	6	Fair	NO	42.2533531	-88.34799738	4678785.984	388804.9918
157	American elm	Ulmus americana	3	Fair	YES	42.25335998	-88.348014	4678786.769	388803.633
158	Box elder	Acer negundo	3	Poor	NO	42.25334451	-88.34811836	4678785.187	388794.9969
159	Eastern cottonwood	Populus deltoides	14	Good	NO	42.25333652	-88.34813431	4678784.321	388793.6676
160	Box elder	Acer negundo	4	Poor	NO	42.25334059	-88.34816853	4678784.818	388790.8517
161	Box elder	Acer negundo	4	Fair	NO	42.25334413	-88.34816019	4678785.201	388791.5456
162	Box elder	Acer negundo	5	Poor	NO	42.25330277	-88.34827388	4678780.756	388782.0946
163	Box elder	Acer negundo	4	Poor	NO	42.25329224	-88.34830463	4678779.627	388779.5398
164	Bigtooth aspen	Populus grandidentata	11	Fair	NO	42.25325828	-88.34834931	4678775.914	388775.7943
165	Box elder	Acer negundo	3	Poor	NO	42.25321574	-88.34839695	4678771.253	388771.7899
166	Box elder	Acer negundo	5	Poor	NO	42.25323631	-88.34841053	4678773.555	388770.7057
167	Box elder	Acer negundo	3	Poor	NO	42.25322838	-88.34840651	4678772.669	388771.0232
168	Box elder	Acer negundo	3	Good	NO	42.25324021	-88.34843962	4678774.026	388768.313
169	Unknown		3	Dead	NO	42.25325418	-88.34846004	4678775.604	388766.6529
170	Box elder	Acer negundo	13	Fair	NO	42.25187272	-88.34846502	4678622.218	388763.8142
171	Box elder	Acer negundo	9	Fair	NO	42.25187007	-88.34838813	4678621.823	388770.1525
172	Box elder	Acer negundo	8	Poor	NO	42.2531747	-88.34854485	4678766.889	388759.5173
173	Box elder	Acer negundo	8	Poor	NO	42.2531747	-88.34854485	4678766.889	388759.5173
174	Box elder	Acer negundo	8	Poor	NO	42.25320118	-88.34853753	4678769.821	388760.168
175	Unknown		24	Dead	NO	42.2519515	-88.34823121	4678630.66	388783.2401
176	Box elder	Acer negundo	20	Poor	NO	42.25189151	-88.34821149	4678623.973	388784.7621
177	Elm spp.	Ulmus spp.	36	Poor	YES	42.252354	-88.34862829	4678675.871	388751.1917
178	Black walnut	Juglans nigra	12	Fair	NO	42.25189711	-88.34819674	4678624.575	388785.9884

179	American elm	Ulmus americana	9	Fair	YES		42.25187516	-88.34817323	4678622.108	388787.8891
180	Unknown		20	Dead	NO	Multistem	42.252403	-88.3478606	4678680.309	388814.6063
181	White mulberry	Morus alba	22	Fair	NO	Multistem	42.25187385	-88.34813488	4678621.912	388791.0509
182	Green ash	Fraxinus pennsylvanica	15	Poor	NO		42.25289827	-88.34776907	4678735.182	388823.0261
183	White mulberry	Morus alba	4	Poor	NO		42.25187275	-88.34818181	4678621.851	388787.1774
184	Black walnut	Juglans nigra	9	Fair	NO		42.25188124	-88.34820146	4678622.819	388785.5712
185	American elm	Ulmus americana	6	Fair	YES		42.2529026	-88.34778949	4678735.69	388821.3498
186	Black walnut	Juglans nigra	10	Dead	NO		42.2518921	-88.34820874	4678624.034	388784.9896
187	Black walnut	Juglans nigra	11	Dead	NO		42.25189953	-88.34817403	4678624.814	388787.8662
188	Green ash	Fraxinus pennsylvanica	11	Poor	NO		42.25300723	-88.3478191	4678747.347	388819.0907
189	Green ash	Fraxinus pennsylvanica	7	Fair	NO		42.25306235	-88.34782751	4678753.478	388818.4942
190	Black cherry	Prunus serotina	8	Fair	NO		42.25309057	-88.34784057	4678756.628	388817.4661
191	Box elder	Acer negundo	6	Poor	NO		42.25307345	-88.34790762	4678754.815	388811.9052
192	Box elder	Acer negundo	8	Fair	NO		42.25307728	-88.34791251	4678755.247	388811.5082
193	Unknown		10	Dead	NO		42.25306565	-88.34791381	4678753.957	388811.3808
194	Box elder	Acer negundo	8	Fair	NO		42.25306551	-88.34791402	4678753.942	388811.3633
195	Box elder	Acer negundo	14	Poor	NO		42.25306149	-88.34791386	4678753.495	388811.3696
196	Red maple	Acer rubrum	40	Poor	NO		42.2518586	-88.34812334	4678620.203	388791.9758
197	Box elder	Acer negundo	10	Poor	NO		42.25308811	-88.34790897	4678756.445	388811.8192
198	Box elder	Acer negundo	6	Poor	NO		42.25308826	-88.34791925	4678756.474	388810.972
199	Box elder	Acer negundo	17	Fair	NO		42.2518959	-88.34808929	4678624.301	388794.85
200	Box elder	Acer negundo	5	Poor	NO		42.25309428	-88.34796459	4678757.202	388807.2419
201	Siberian elm	Ulmus pumila	10	Poor	YES		42.25311267	-88.3479128	4678759.176	388811.5464
202	Black walnut	Juglans nigra	23	Fair	NO		42.25200657	-88.34809342	4678636.594	388794.7034
203	Box elder	Acer negundo	7	Poor	NO		42.25311734	-88.34795252	4678759.747	388808.2782
204	White mulberry	Morus alba	8	Fair	NO		42.25194079	-88.34814581	4678629.359	388790.2664
205	Slippery elm	Ulmus rubra	7	Fair	YES		42.25310262	-88.34794054	4678758.097	388809.2405
206	Box elder	Acer negundo	9	Poor	NO		42.25313036	-88.34791597	4678761.145	388811.3159
207	Box elder	Acer negundo	3	Poor	NO		42.25314149	-88.34792295	4678762.39	388810.76
208	Black walnut	Juglans nigra	14	Good	NO		42.25191758	-88.34797943	4678626.565	388803.951
209	American elm	Ulmus americana	15	Good	YES	Multistem	42.25313836	-88.34792982	4678762.052	388810.188
210	Box elder	Acer negundo	7	Poor	NO		42.25315323	-88.34792087	4678763.691	388810.9521
211	American elm	Ulmus americana	6	Fair	YES		42.25191056	-88.34796691	4678625.769	388804.9714
212	Unknown		7	Dead	NO		42.25190391	-88.34795399	4678625.014	388806.0252
213	Slippery elm	Ulmus rubra	22	Good	YES		42.25315917	-88.34792873	4678764.361	388810.3144
214	Box elder	Acer negundo	5	Fair	NO		42.25316503	-88.34794818	4678765.037	388808.7206
215	Box elder	Acer negundo	15	Fair	NO		42.25189651	-88.34795711	4678624.196	388805.7553
216	Box elder	Acer negundo	11	Poor	NO		42.25317004	-88.34793377	4678765.574	388809.9181
217	Box elder	Acer negundo	8	Poor	NO		42.25316726	-88.34794155	4678765.276	388809.2708
218	Box elder	Acer negundo	19	Poor	NO		42.25189759	-88.3479349	4678624.287	388807.589
219	Box elder	Acer negundo	6	Poor	NO		42.25321096	-88.347914	4678770.092	388811.62
220	Siberian elm	Ulmus pumila	8	Poor	YES		42.25193075	-88.34794563	4678627.982	388806.7623
221	Black cherry	Prunus serotina	11	Poor	NO		42.25319757	-88.34792367	4678768.618	388810.7989
222	Black cherry	Prunus serotina	15	Good	NO		42.25320106	-88.34792632	4678769.009	388810.5869
223	Elm spp.	Ulmus spp.	12	Fair	YES		42.25320414	-88.34792333	4678769.347	388810.8386

224	Siberian elm	Ulmus pumila	10	Fair	YES		42.2519173	-88.34792613	4678626.464	388808.347
225	Siberian elm	Ulmus pumila	5	Fair	YES		42.25193217	-88.34788887	4678628.067	388811.4471
226	Unknown		8	Dead	NO		42.25193626	-88.34788368	4678628.514	388811.8823
227	White mulberry	Morus alba	11	Good	NO		42.25318072	-88.34786892	4678766.675	388815.2856
228	Black walnut	Juglans nigra	16	Fair	NO		42.25191607	-88.3478695	4678626.253	388813.0161
229	Black walnut	Juglans nigra	11	Fair	NO		42.25190469	-88.34782467	4678624.931	388816.6948
230	Red oak	Quercus rubra	12	Fair	YES		42.25321129	-88.3478746	4678770.077	388814.871
231	American elm	Ulmus americana	13	Fair	YES		42.25192428	-88.34785196	4678627.142	388814.478
232	Box elder	Acer negundo	8	Fair	NO		42.2532595	-88.34792555	4678775.496	388810.7526
233	Unknown		7	Dead	NO		42.25192773	-88.34782212	4678627.487	388816.9458
234	Elm spp.	Ulmus spp.	4	Good	YES		42.25324275	-88.34794803	4678773.666	388808.8688
235	Box elder	Acer negundo	5	Poor	NO		42.25327214	-88.34794374	4678776.924	388809.2743
236	Box elder	Acer negundo	21	Poor	NO		42.25190845	-88.34775684	4678625.26	388822.2964
237	Box elder	Acer negundo	4	Poor	NO		42.25327534	-88.34795592	4678777.296	388808.2759
238	American elm	Ulmus americana	16	Fair	YES	Multistem	42.25195973	-88.34772558	4678630.914	388824.9657
239	Box elder	Acer negundo	4	Poor	NO		42.25328692	-88.34792245	4678778.538	388811.0566
240	Box elder	Acer negundo	6	Fair	NO		42.25329217	-88.34791512	4678779.111	388811.6708
241	Elm spp.	Ulmus spp.	5	Fair	YES		42.25331114	-88.34792447	4678781.23	388810.9329
242	Box elder	Acer negundo	5	Fair	NO		42.2533065	-88.34793026	4678780.722	388810.4472
243	American elm	Ulmus americana	13	Fair	YES		42.25193623	-88.34769084	4678628.259	388827.7903
244	Box elder	Acer negundo	3	Poor	NO		42.2533249	-88.34795678	4678782.799	388808.2915
245	Siberian elm	Ulmus pumila	6	Fair	YES		42.25192179	-88.34769843	4678626.665	388827.1388
246	Bigtooth aspen	Populus grandidentata	3	Poor	NO		42.25338631	-88.34875004	4678790.654	388742.9634
247	Bigtooth aspen	Populus grandidentata	4	Poor	NO		42.25335274	-88.34870454	4678786.867	388746.6578
248	Callery pear	Pyrus calleryana	6	Fair	NO		42.25334409	-88.34871663	4678785.922	388745.645
249	Black walnut	Juglans nigra	14	Good	NO		42.25201156	-88.34783218	4678636.808	388816.2626
250	Box elder	Acer negundo	6	Fair	NO		42.25204362	-88.3477746	4678640.292	388821.069
251	Northern catalpa	Catalpa speciosa	7	Fair	NO		42.25337384	-88.34912086	4678789.754	388712.3524
252	Black cherry	Prunus serotina	8	Poor	NO		42.25334374	-88.34907327	4678786.35	388716.2249
253	Black cherry	Prunus serotina	6	Poor	NO		42.25333759	-88.34905242	4678785.639	388717.9341
254	Box elder	Acer negundo	7	Fair	NO		42.25201595	-88.34779742	4678637.25	388819.1379
255	Box elder	Acer negundo	12	Poor	NO	Multistem	42.25201446	-88.34771558	4678636.977	388825.8863
256	Box elder	Acer negundo	7	Fair	NO		42.25203419	-88.34769122	4678639.137	388827.9311
257	Box elder	Acer negundo	15	Fair	NO		42.25198793	-88.34768827	4678633.996	388828.0928
258	Box elder	Acer negundo	8	Fair	NO		42.25199453	-88.34764596	4678634.674	388831.5945
259	Box elder	Acer negundo	9	Fair	NO		42.25203083	-88.34766224	4678638.726	388830.3151
260	Box elder	Acer negundo	7	Fair	NO		42.25204925	-88.34765501	4678640.761	388830.9439
261	Northern catalpa	Catalpa speciosa	5	Poor	NO		42.25306155	-88.34919688	4678755.177	388705.5319
262	Box elder	Acer negundo	4	Fair	NO		42.25206566	-88.34762865	4678642.55	388833.1478
263	Box elder	Acer negundo	8	Fair	NO		42.25207566	-88.34761462	4678643.641	388834.3227
264	Box elder	Acer negundo	8	Fair	NO		42.25208668	-88.34760452	4678644.852	388835.1751
265	Black walnut	Juglans nigra	13	Good	NO		42.25304869	-88.34917248	4678753.718	388707.5218
266	Black walnut	Juglans nigra	8	Fair	NO		42.25304222	-88.34916447	4678752.989	388708.1716
267	Box elder	Acer negundo	6	Fair	NO		42.2521203	-88.34760152	4678648.581	388835.4818
268	Box elder	Acer negundo	6	Fair	NO		42.25212971	-88.3476129	4678649.641	388834.5596

269	Box elder	Acer negundo	6	Poor	NO		42.25210406	-88.34764517	4678646.835	388831.8522
270	Box elder	Acer negundo	3	Poor	NO		42.2520871	-88.34765368	4678644.962	388831.1201
271	Elm spp.	Ulmus spp.	5	Poor	YES		42.25301804	-88.34911657	4678750.241	388712.08
272	Box elder	Acer negundo	6	Fair	NO		42.25206728	-88.34765689	4678642.766	388830.8212
273	Box elder	Acer negundo	6	Fair	NO		42.25209572	-88.34768363	4678645.959	388828.6647
274	Box elder	Acer negundo	6	Fair	NO		42.25209965	-88.34768514	4678646.398	388828.5472
275	Box elder	Acer negundo	5	Fair	NO		42.25210312	-88.34769374	4678646.794	388827.8438
276	Box elder	Acer negundo	7	Fair	NO		42.25209801	-88.34770903	4678646.246	388826.5734
277	Box elder	Acer negundo	5	Fair	NO		42.25210547	-88.34769634	4678647.058	388827.6333
278	Box elder	Acer negundo	7	Fair	NO		42.25212145	-88.34771229	4678648.853	388826.346
279	Box elder	Acer negundo	6	Fair	NO		42.25213259	-88.34769581	4678650.068	388827.7246
280	Eastern cottonwood	Populus deltoides	32	Fair	NO		42.25299177	-88.34908508	4678747.283	388714.6321
281	Box elder	Acer negundo	8	Fair	NO		42.25214519	-88.34769703	4678651.469	388827.6464
282	Unknown		4	Dead	NO		42.25299941	-88.34907903	4678748.124	388715.1442
283	Box elder	Acer negundo	7	Fair	NO		42.2521432	-88.34762291	4678651.152	388833.7572
284	Box elder	Acer negundo	7	Fair	NO		42.2521551	-88.3476278	4678652.48	388833.3751
285	Box elder	Acer negundo	6	Poor	NO		42.25310066	-88.34905749	4678759.338	388717.0991
286	Box elder	Acer negundo	10	Fair	NO		42.25214524	-88.34760113	4678651.35	388835.5573
287	Box elder	Acer negundo	5	Fair	NO		42.25217286	-88.34759859	4678654.413	388835.8156
288	Box elder	Acer negundo	9	Poor	NO	Multistem	42.25309857	-88.34901524	4678759.051	388720.5806
289	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25219395	-88.34759589	4678656.751	388836.0754
290	Box elder	Acer negundo	24	Poor	NO	Multistem	42.25309285	-88.34901184	4678758.411	388720.8509
291	Box elder	Acer negundo	5	Fair	NO	Multistem	42.2522073	-88.34761161	4678658.254	388834.802
292	Box elder	Acer negundo	6	Fair	NO		42.2522017	-88.34761611	4678657.639	388834.4206
293	Box elder	Acer negundo	4	Fair	NO		42.25219611	-88.34761815	4678657.02	388834.2425
294	Box elder	Acer negundo	4	Fair	NO		42.2521841	-88.34763553	4678655.71	388832.7878
295	Box elder	Acer negundo	9	Poor	NO		42.25306005	-88.34898621	4678754.736	388722.908
296	Box elder	Acer negundo	5	Fair	NO		42.25218397	-88.34764301	4678655.704	388832.1708
297	Box elder	Acer negundo	6	Poor	NO		42.25305885	-88.3489993	4678754.619	388721.8254
298	Box elder	Acer negundo	5	Fair	NO		42.25217869	-88.34764338	4678655.119	388832.1306
299	Box elder	Acer negundo	6	Fair	NO		42.25217748	-88.34765521	4678655	388831.153
300	Box elder	Acer negundo	9	Fair	NO		42.25216632	-88.34767993	4678653.793	388829.0943
301	Box elder	Acer negundo	8	Fair	NO		42.25218478	-88.34768075	4678655.844	388829.0586
302	Box elder	Acer negundo	12	Poor	NO	Multistem	42.25309083	-88.34896987	4678758.132	388724.3098
303	Box elder	Acer negundo	7	Fair	NO		42.25219395	-88.34762048	4678656.783	388834.0467
304	Box elder	Acer negundo	10	Fair	NO		42.25221206	-88.34763019	4678658.807	388833.2775
305	Elm spp.	Ulmus spp.	6	Fair	YES		42.2530813	-88.34894271	4678757.038	388726.533
306	Box elder	Acer negundo	4	Fair	NO		42.25223083	-88.34758641	4678660.834	388836.922
307	Box elder	Acer negundo	5	Fair	NO		42.25308484	-88.34893343	4678757.419	388727.3051
308	Box elder	Acer negundo	10	Fair	NO		42.25223823	-88.34758639	4678661.656	388836.9363
309	Box elder	Acer negundo	4	Fair	NO		42.25225058	-88.34759389	4678663.037	388836.3396
310	Unknown		26	Dead	NO		42.25309433	-88.34891424	4678758.448	388728.9051
311	Box elder	Acer negundo	3	Fair	NO		42.25224873	-88.34759796	4678662.836	388836.0006
312	Box elder	Acer negundo	8	Poor	NO		42.25307417	-88.34890458	4678756.197	388729.6661
313	Box elder	Acer negundo	11	Poor	NO	Multistem	42.25307049	-88.34887494	4678755.749	388732.1047

314	Box elder	Acer negundo	6	Dead	NO	42.25313526	-88.34887403	4678762.94	388732.2937	
315	Box elder	Acer negundo	5	Fair	NO	42.2522864	-88.3475663	4678666.978	388838.6785	
316	Box elder	Acer negundo	3	Fair	NO	42.25227613	-88.34759347	4678665.874	388836.419	
317	Box elder	Acer negundo	3	Fair	NO	42.25227569	-88.34760222	4678665.836	388835.6968	
318	American elm	Ulmus americana	6	Fair	YES	42.25225415	-88.34761891	4678663.466	388834.2823	
319	Box elder	Acer negundo	5	Fair	NO	42.25224041	-88.34764026	4678661.968	388832.4965	
320	Black walnut	Juglans nigra	20	Good	NO	42.25316084	-88.34884781	4678765.746	388734.5012	
321	Box elder	Acer negundo	13	Fair	NO	Multistem	42.25226276	-88.34766166	4678664.477	388830.7704
322	Unknown		16	Dead	NO	42.2531119	-88.34882586	4678760.283	388736.2265	
323	Box elder	Acer negundo	4	Poor	NO	42.25308405	-88.34883971	4678757.209	388735.0348	
324	Box elder	Acer negundo	3	Dead	NO	42.25224044	-88.34767316	4678662.014	388829.7828	
325	Box elder	Acer negundo	4	Fair	NO	42.25223124	-88.34768184	4678661.005	388829.0506	
326	Unknown		12	Dead	NO	42.25310224	-88.34881712	4678759.199	388736.9303	
327	Box elder	Acer negundo	5	Poor	NO	42.25225469	-88.34768499	4678663.612	388828.8315	
328	Box elder	Acer negundo	4	Fair	NO	42.2522226	-88.34768647	4678660.051	388828.6532	
329	Black walnut	Juglans nigra	8	Poor	NO	42.25311061	-88.34880345	4678760.111	388738.0729	
330	Box elder	Acer negundo	6	Fair	NO	42.25222315	-88.34769488	4678660.123	388827.9606	
331	Unknown		17	Dead	NO	42.2531435	-88.34877137	4678763.721	388740.7764	
332	Bigtooth aspen	Populus grandidentata	15	Poor	NO	42.25315435	-88.34875956	4678764.911	388741.7698	
333	Box elder	Acer negundo	15	Poor	NO	Multistem	42.25312407	-88.34875919	4678761.547	388741.7476
334	Box elder	Acer negundo	7	Poor	NO	42.2531284	-88.34875565	4678762.024	388742.0468	
335	Box elder	Acer negundo	7	Fair	NO	42.25221322	-88.34769185	4678659.016	388828.1928	
336	Box elder	Acer negundo	6	Poor	NO	42.25306806	-88.34877396	4678755.347	388740.4302	
337	Box elder	Acer negundo	6	Poor	NO	42.25305879	-88.34878694	4678754.335	388739.3435	
338	Black walnut	Juglans nigra	11	Fair	NO	42.25229349	-88.34773332	4678667.983	388824.9133	
339	Box elder	Acer negundo	5	Fair	NO	42.25226078	-88.34774968	4678664.372	388823.506	
340	Unknown		12	Dead	NO	42.25308785	-88.34874647	4678757.509	388742.7329	
341	Box elder	Acer negundo	10	Poor	NO	42.25308675	-88.34873019	4678757.365	388744.0736	
342	Box elder	Acer negundo	8	Poor	NO	42.25306686	-88.34870888	4678755.13	388745.7971	
343	Bigtooth aspen	Populus grandidentata	15	Fair	NO	42.2531306	-88.34875292	4678762.265	388742.2764	
344	Black walnut	Juglans nigra	3	Fair	NO	42.25225546	-88.34770914	4678663.73	388826.8407	
345	Box elder	Acer negundo	8	Fair	NO	42.25221396	-88.3476935	4678659.1	388828.0585	
346	Box elder	Acer negundo	19	Poor	NO	42.25310424	-88.34868787	4678759.252	388747.5957	
347	Box elder	Acer negundo	4	Dead	NO	42.25218568	-88.34769109	4678655.957	388828.2075	
348	Box elder	Acer negundo	7	Poor	NO	42.25218493	-88.34770399	4678655.891	388827.1424	
349	Box elder	Acer negundo	9	Poor	NO	42.2531728	-88.34873973	4678766.933	388743.4379	
350	Box elder	Acer negundo	6	Fair	NO	42.25216959	-88.34772024	4678654.209	388825.7743	
351	Box elder	Acer negundo	9	Poor	NO	42.25317457	-88.34871962	4678767.103	388745.1005	
352	Box elder	Acer negundo	6	Fair	NO	42.25215294	-88.34772944	4678652.372	388824.9868	
353	Box elder	Acer negundo	5	Poor	NO	42.25317933	-88.34869096	4678767.595	388747.4726	
354	Box elder	Acer negundo	7	Fair	NO	42.2521564	-88.34775888	4678652.795	388822.5638	
355	Box elder	Acer negundo	10	Fair	NO	42.25318255	-88.34868756	4678767.947	388747.7591	
356	Unknown		6	Dead	NO	42.25317338	-88.34866908	4678766.906	388749.2671	
357	Box elder	Acer negundo	5	Fair	NO	Multistem	42.25212988	-88.34777959	4678649.877	388820.8086
358	Box elder	Acer negundo	9	Poor	NO	42.25317838	-88.3486397	4678767.422	388751.6994	

359	Box elder	Acer negundo	5	Fair	NO	42.25213182	-88.34778477	4678650.099	388820.3854
360	Box elder	Acer negundo	6	Fair	NO	42.25211989	-88.34777829	4678648.766	388820.8984
361	Unknown		11	Dead	NO	42.25314502	-88.34864916	4678763.73	388750.8603
362	Box elder	Acer negundo	8	Fair	NO	42.25210552	-88.34776289	4678647.15	388822.1436
363	Box elder	Acer negundo	3	Poor	NO	42.25210213	-88.34776218	4678646.773	388822.1965
364	Box elder	Acer negundo	6	Poor	NO	42.25318333	-88.34862656	4678767.954	388752.7925
365	Box elder	Acer negundo	12	Poor	NO	42.2532	-88.34863444	4678769.816	388752.1713
366	Box elder	Acer negundo	6	Fair	NO	42.25209153	-88.34772436	4678645.546	388825.2975
367	Box elder	Acer negundo	9	Poor	NO	42.25322408	-88.34860343	4678772.449	388754.7717
368	Unknown		9	Dead	NO	42.25323877	-88.34862402	4678774.106	388753.0988
369	Box elder	Acer negundo	6	Fair	NO	42.25208928	-88.34771982	4678645.291	388825.668
370	Box elder	Acer negundo	8	Fair	NO	42.25208461	-88.3477223	4678644.776	388825.4558
371	Unknown		14	Dead	NO	42.25324383	-88.34862799	4678774.674	388752.7808
372	Box elder	Acer negundo	8	Fair	NO	42.25206441	-88.34775445	4678642.574	388822.7676
373	Box elder	Acer negundo	4	Poor	NO	42.25325082	-88.34864676	4678775.474	388751.2443
374	Box elder	Acer negundo	4	Dead	NO	42.25206841	-88.34779576	4678643.073	388819.3673
375	Box elder	Acer negundo	6	Poor	NO	42.25207178	-88.34781757	4678643.475	388817.5742
376	Box elder	Acer negundo	4	Poor	NO	42.25205509	-88.34783381	4678641.643	388816.2045
377	Box elder	Acer negundo	8	Poor	NO	42.25326262	-88.34858388	4678776.703	388756.4521
378	Box elder	Acer negundo	3	Poor	NO	42.25204155	-88.34782494	4678640.129	388816.9128
379	Unknown		10	Dead	NO	42.25324821	-88.3485792	4678775.097	388756.8129
380	Box elder	Acer negundo	9	Poor	NO	42.25323776	-88.3485646	4678773.918	388757.9987
381	Box elder	Acer negundo	6	Poor	NO	42.2532565	-88.34854785	4678775.976	388759.4139
382	Black walnut	Juglans nigra	12	Fair	NO	42.25203642	-88.34788495	4678639.637	388811.9532
383	Box elder	Acer negundo	4	Poor	NO	42.25326278	-88.34853089	4678776.652	388760.8237
384	Box elder	Acer negundo	4	Poor	NO	42.25203872	-88.34790343	4678639.916	388810.433
385	Box elder	Acer negundo	5	Poor	NO	42.25329349	-88.34854851	4678780.084	388759.4243
386	Black walnut	Juglans nigra	3	Dead	NO	42.25204513	-88.34793376	4678640.668	388807.9425
387	Black walnut	Juglans nigra	3	Dead	NO	42.25205447	-88.34793545	4678641.707	388807.819
388	Box elder	Acer negundo	24	Poor	NO	42.25315976	-88.34847857	4678765.144	388764.9582
389	Box elder	Acer negundo	7	Fair	NO	42.25206444	-88.34792694	4678642.803	388808.5385
390	Box elder	Acer negundo	13	Poor	NO	42.25314405	-88.34852364	4678763.459	388761.2128
391	Box elder	Acer negundo	6	Fair	NO	42.25207111	-88.34792514	4678643.541	388808.6992
392	Box elder	Acer negundo	8	Fair	NO	42.25207648	-88.34792466	4678644.137	388808.748
393	Box elder	Acer negundo	8	Fair	NO	42.2520817	-88.34792205	4678644.713	388808.9726
394	Box elder	Acer negundo	4	Fair	NO	42.25207961	-88.34790561	4678644.46	388810.3253
395	Unknown		4	Dead	NO	42.25318066	-88.34843429	4678767.407	388768.6482
396	Box elder	Acer negundo	8	Fair	NO	42.25209037	-88.34788325	4678645.625	388812.1884
397	Box elder	Acer negundo	4	Fair	NO	42.25211236	-88.34788415	4678648.068	388812.1527
398	Box elder	Acer negundo	7	Fair	NO	42.25211386	-88.3478698	4678648.216	388813.3394
399	Box elder	Acer negundo	3	Dead	NO	42.25211362	-88.34785723	4678648.173	388814.3756
400	Box elder	Acer negundo	15	Poor	NO	42.25316433	-88.34840501	4678765.556	388771.0343
401	Box elder	Acer negundo	6	Poor	NO	42.25209779	-88.3478527	4678646.41	388814.7214
402	Box elder	Acer negundo	6	Fair	NO	42.25209072	-88.34782552	4678645.589	388816.9516
403	Box elder	Acer negundo	5	Poor	NO	42.25209663	-88.3478176	4678646.235	388817.6151

404	Box elder	Acer negundo	20	Poor	NO	Multistem	42.25317132	-88.34836229	4678766.276	388774.5706
405	Box elder	Acer negundo	4	Fair	NO		42.2521015	-88.34782911	4678646.79	388816.6737
406	Box elder	Acer negundo	6	Fair	NO		42.25210004	-88.3477963	4678646.585	388819.3777
407	Box elder	Acer negundo	8	Fair	NO		42.25211825	-88.34779797	4678648.609	388819.2719
408	Box elder	Acer negundo	5	Fair	NO		42.25213253	-88.34779021	4678650.185	388819.9377
409	Box elder	Acer negundo	8	Poor	NO		42.25216058	-88.34781112	4678653.327	388818.2617
410	Box elder	Acer negundo	4	Dead	NO		42.2521639	-88.34782948	4678653.72	388816.7528
411	Box elder	Acer negundo	4	Fair	NO		42.25213111	-88.34785838	4678650.117	388814.3119
412	Box elder	Acer negundo	5	Poor	NO		42.25213185	-88.34787731	4678650.224	388812.7514
413	Box elder	Acer negundo	3	Dead	NO		42.2521363	-88.34788176	4678650.724	388812.3924
414	Box elder	Acer negundo	6	Fair	NO		42.25215081	-88.34788194	4678652.335	388812.4027
415	Box elder	Acer negundo	3	Poor	NO		42.25215307	-88.3478877	4678652.593	388811.9313
416	Box elder	Acer negundo	24	Poor	NO	Multistem	42.25319526	-88.34831317	4678768.87	388778.6653
417	Box elder	Acer negundo	3	Dead	NO		42.25217336	-88.34789556	4678654.856	388811.3184
418	Box elder	Acer negundo	4	Poor	NO		42.25218016	-88.34790548	4678655.624	388810.5126
419	Box elder	Acer negundo	5	Fair	NO		42.25218936	-88.34787717	4678656.608	388812.864
420	Box elder	Acer negundo	6	Fair	NO		42.25218842	-88.34785816	4678656.48	388814.4304
421	Box elder	Acer negundo	5	Fair	NO		42.25219114	-88.34784773	4678656.768	388815.2958
422	Box elder	Acer negundo	7	Fair	NO		42.25218618	-88.34783887	4678656.206	388816.018
423	Box elder	Acer negundo	3	Poor	NO		42.25219591	-88.34783474	4678657.281	388816.3753
424	Box elder	Acer negundo	4	Fair	NO		42.25219707	-88.34782755	4678657.4	388816.9708
425	Eastern cottonwood	Populus deltoides	23	Good	NO		42.25323437	-88.34824104	4678773.118	388784.6837
426	Box elder	Acer negundo	4	Poor	NO		42.25217947	-88.34782636	4678655.444	388817.038
427	Box elder	Acer negundo	12	Poor	NO		42.2531758	-88.34822206	4678766.59	388786.1468
428	American elm	Ulmus americana	4	Fair	YES		42.25215863	-88.34779848	4678653.094	388819.3008
429	Box elder	Acer negundo	10	Poor	NO		42.25320678	-88.34819473	4678769.995	388788.4558
430	Box elder	Acer negundo	6	Fair	NO		42.25216069	-88.34780045	4678653.326	388819.1424
431	Unknown		38	Dead	NO	Multistem	42.25318387	-88.34814634	4678767.387	388792.4067
432	Box elder	Acer negundo	12	Fair	NO	Multistem	42.25220577	-88.34777274	4678658.294	388821.5074
433	Box elder	Acer negundo	3	Fair	NO		42.25221468	-88.34779731	4678659.317	388819.4959
434	Box elder	Acer negundo	12	Poor	NO	Multistem	42.25318585	-88.34810624	4678767.555	388795.718
435	Box elder	Acer negundo	5	Fair	NO		42.25220461	-88.34781219	4678658.217	388818.251
436	Box elder	Acer negundo	5	Dead	NO		42.25220785	-88.34782839	4678658.598	388816.9202
437	Box elder	Acer negundo	5	Poor	NO		42.25222065	-88.34783541	4678660.028	388816.364
438	Elm spp.	Ulmus spp.	14	Fair	YES		42.2532368	-88.34808015	4678773.178	388797.9602
439	Black walnut	Juglans nigra	9	Fair	NO		42.25224518	-88.347819	4678662.731	388817.7604
440	Box elder	Acer negundo	4	Fair	NO		42.25326569	-88.34812454	4678776.443	388794.3489
441	Box elder	Acer negundo	3	Dead	NO		42.25222897	-88.34779043	4678660.893	388820.0891
442	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25329277	-88.34813525	4678779.465	388793.5132
443	Box elder	Acer negundo	4	Poor	NO		42.25220938	-88.34777374	4678658.696	388821.4312
444	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25329207	-88.34821072	4678779.485	388787.2866
445	Eastern cottonwood	Populus deltoides	16	Good	NO		42.25329394	-88.34822703	4678779.714	388785.944
446	Black walnut	Juglans nigra	9	Fair	NO		42.25228675	-88.34783041	4678667.362	388816.8925
447	Box elder	Acer negundo	3	Fair	NO		42.25326976	-88.34824032	4678777.047	388784.8052
448	Black walnut	Juglans nigra	4	Dead	NO		42.25231311	-88.34780949	4678670.261	388818.6639

449	Box elder	Acer negundo	5	Fair	NO		42.25326218	-88.34825677	4678776.227	388783.4352
450	Box elder	Acer negundo	5	Fair	NO		42.25231489	-88.34774979	4678670.381	388823.5921
451	American elm	Ulmus americana	6	Fair	YES		42.2522975	-88.34775928	4678668.463	388822.7787
452	Black walnut	Juglans nigra	4	Fair	NO		42.25331271	-88.348035	4678781.548	388801.8174
453	Elm spp.	Ulmus spp.	3	Fair	YES		42.25330336	-88.34800372	4678780.469	388804.3817
454	Elm spp.	Ulmus spp.	6	Good	YES		42.25327015	-88.34802134	4678776.805	388802.8698
455	Box elder	Acer negundo	5	Fair	NO		42.25222736	-88.34787519	4678660.826	388813.0938
456	Box elder	Acer negundo	13	Fair	NO		42.25321543	-88.34801128	4678770.715	388803.6033
457	Box elder	Acer negundo	3	Poor	NO		42.25220379	-88.34788129	4678658.217	388812.5492
458	Black walnut	Juglans nigra	6	Fair	NO		42.25223705	-88.34792022	4678661.961	388809.3967
459	Unknown		6	Dead	NO		42.25217801	-88.34790939	4678655.391	388810.1856
460	Unknown		5	Dead	NO		42.2521824	-88.34795435	4678655.937	388806.485
461	Elm spp.	Ulmus spp.	12	Fair	YES		42.25317078	-88.348024	4678765.774	388802.4755
462	American elm	Ulmus americana	7	Fair	YES		42.25221693	-88.34793899	4678659.751	388807.8123
463	American elm	Ulmus americana	6	Dead	YES		42.25225539	-88.34795291	4678664.04	388806.7316
464	Box elder	Acer negundo	18	Fair	NO	Multistem	42.25312107	-88.34805236	4678760.291	388800.0491
465	American elm	Ulmus americana	11	Fair	YES		42.25222355	-88.347995	4678660.559	388803.2039
466	Box elder	Acer negundo	11	Poor	NO		42.25310632	-88.34803716	4678758.634	388801.2771
467	American elm	Ulmus americana	3	Dead	YES		42.25216823	-88.34799352	4678654.415	388803.229
468	Box elder	Acer negundo	5	Poor	NO		42.25214072	-88.3479625	4678651.319	388805.7393
469	Box elder	Acer negundo	17	Poor	NO		42.25309096	-88.34808006	4678756.985	388797.7115
470	Box elder	Acer negundo	12	Fair	NO		42.25308506	-88.34817684	4678756.456	388789.7177
471	Box elder	Acer negundo	26	Poor	NO	Multistem	42.25308181	-88.34827387	4678756.221	388781.7076
472	Black walnut	Juglans nigra	16	Fair	NO		42.25212404	-88.34796581	4678649.472	388805.4374
473	Box elder	Acer negundo	24	Poor	NO	Multistem	42.25308084	-88.3483496	4678756.213	388775.459
474	Box elder	Acer negundo	6	Fair	NO		42.25210244	-88.34794873	4678647.051	388806.8079
475	Box elder	Acer negundo	16	Fair	NO		42.25308882	-88.34835792	4678757.11	388774.7867
476	Box elder	Acer negundo	5	Fair	NO		42.25209417	-88.34798929	4678646.186	388803.4477
477	Box elder	Acer negundo	6	Fair	NO		42.25208456	-88.34798345	4678645.111	388803.9122
478	Box elder	Acer negundo	7	Fair	NO		42.25206665	-88.3479615	4678643.093	388805.6914
479	Box elder	Acer negundo	8	Fair	NO		42.25206514	-88.34799044	4678642.963	388803.3018
480	Box elder	Acer negundo	15	Poor	NO		42.25313438	-88.3484082	4678762.234	388770.7188
481	Box elder	Acer negundo	9	Poor	NO		42.25203805	-88.34796402	4678639.921	388805.4332
482	Box elder	Acer negundo	10	Fair	NO		42.25202567	-88.34794386	4678638.52	388807.0751
483	Box elder	Acer negundo	25	Poor	NO	Multistem	42.25308839	-88.34844996	4678757.182	388767.1931
484	Box elder	Acer negundo	6	Dead	NO		42.25202224	-88.34795374	4678638.152	388806.2539
485	Box elder	Acer negundo	6	Fair	NO		42.25202283	-88.34798806	4678638.262	388803.4233
486	Box elder	Acer negundo	10	Dead	NO		42.25308674	-88.34846174	4678757.014	388766.2185
487	Box elder	Acer negundo	3	Poor	NO		42.25200829	-88.3479833	4678636.642	388803.7908
488	Box elder	Acer negundo	6	Fair	NO		42.25200511	-88.34802069	4678636.337	388800.7012
489	Box elder	Acer negundo	6	Poor	NO		42.25308883	-88.34853366	4678757.34	388760.2893
490	Box elder	Acer negundo	6	Fair	NO		42.25199995	-88.34802014	4678635.764	388800.7369
491	Box elder	Acer negundo	20	Poor	NO	Multistem	42.25308446	-88.34857272	4678756.906	388757.06
492	White mulberry	Morus alba	3	Poor	NO		42.25197297	-88.34800846	4678632.753	388801.6533
493	Box elder	Acer negundo	3	Poor	NO		42.251974	-88.34801908	4678632.882	388800.7791

494	Box elder	Acer negundo	6	Fair	NO	42.25201012	-88.34804616	4678636.927	388798.6089
495	Unknown		8	Dead	NO	42.25313216	-88.3485951	4678762.232	388755.2975
496	Box elder	Acer negundo	7	Fair	NO	42.2520317	-88.34804928	4678639.327	388798.3894
497	Box elder	Acer negundo	6	Fair	NO	42.25206083	-88.34804059	4678642.551	388799.1576
498	Box elder	Acer negundo	5	Poor	NO	42.25209484	-88.34802449	4678646.306	388800.5449
499	Box elder	Acer negundo	5	Fair	NO	42.25209854	-88.34804437	4678646.742	388798.9114
500	Box elder	Acer negundo	7	Fair	NO	42.25210061	-88.34804994	4678646.98	388798.4559
501	Box elder	Acer negundo	5	Poor	NO	42.25211004	-88.34805653	4678648.036	388797.9285
502	Siberian elm	Ulmus pumila	22	Poor	YES	42.25310705	-88.34868971	4678759.567	388747.4485
503	Box elder	Acer negundo	6	Poor	NO	42.25211755	-88.3480719	4678648.889	388796.6742
504	Box elder	Acer negundo	6	Fair	NO	42.25212184	-88.34806909	4678649.362	388796.9134
505	Box elder	Acer negundo	4	Dead	NO	42.25213143	-88.34804327	4678650.394	388799.0599
506	Box elder	Acer negundo	5	Fair	NO	42.25213393	-88.34802828	4678650.651	388800.3012
507	Box elder	Acer negundo	3	Poor	NO	42.2521498	-88.34802255	4678652.406	388800.802
508	Box elder	Acer negundo	4	Dead	NO	42.25216068	-88.34801313	4678653.602	388801.5975
509	Box elder	Acer negundo	4	Dead	NO	42.25214649	-88.34804675	4678652.07	388798.7999
510	Box elder	Acer negundo	5	Poor	NO	42.25215239	-88.34807522	4678652.762	388796.4615
511	Box elder	Acer negundo	6	Dead	NO	42.25215061	-88.34809111	4678652.585	388795.1477
512	American elm	Ulmus americana	5	Poor	YES	42.25216561	-88.34807881	4678654.235	388796.1888
513	American elm	Ulmus americana	38	Fair	YES	42.25292211	-88.34867142	4678739.008	388748.6324
514	Green ash	Fraxinus pennsylvanica	20	Good	NO	42.25222154	-88.34805334	4678660.412	388798.3881
515	Black walnut	Juglans nigra	14	Good	NO	42.25297176	-88.34875612	4678744.631	388741.7326
516	Hackberry	Celtis occidentalis	6	Poor	NO	42.25215477	-88.34815015	4678653.124	388790.2843
517	Box elder	Acer negundo	9	Poor	NO	42.252146	-88.34814201	4678652.14	388790.9407
518	Unknown		23	Dead	NO	42.2529524	-88.34879893	4678742.538	388738.1672
519	Box elder	Acer negundo	6	Fair	NO	42.25212556	-88.34813405	4678649.86	388791.5614
520	Box elder	Acer negundo	3	Poor	NO	42.2521138	-88.34812459	4678648.542	388792.3207
521	Box elder	Acer negundo	6	Fair	NO	42.25210451	-88.34811979	4678647.504	388792.7004
522	Box elder	Acer negundo	3	Poor	NO	42.25210191	-88.34811782	4678647.212	388792.8582
523	Box elder	Acer negundo	8	Fair	NO	42.2520948	-88.34812151	4678646.428	388792.5416
524	Box elder	Acer negundo	3	Poor	NO	42.25208402	-88.34812538	4678645.236	388792.203
525	Box elder	Acer negundo	12	Fair	NO	42.25208225	-88.3480858	4678644.988	388795.4651
526	Box elder	Acer negundo	6	Fair	NO	42.2520827	-88.34814176	4678645.111	388790.8502
527	Box elder	Acer negundo	8	Fair	NO	42.25207537	-88.34815352	4678644.313	388789.8666
528	Box elder	Acer negundo	7	Fair	NO	42.25206748	-88.34815933	4678643.444	388789.374
529	Box elder	Acer negundo	7	Fair	NO	42.25204255	-88.34816199	4678640.679	388789.1105
530	Box elder	Acer negundo	8	Fair	NO	42.25202737	-88.3481502	4678638.979	388790.0566
531	Box elder	Acer negundo	8	Fair	NO	42.25200112	-88.34811848	4678636.023	388792.6269
532	Box elder	Acer negundo	6	Fair	NO	42.25201161	-88.34811788	4678637.186	388792.6949
533	Box elder	Acer negundo	3	Fair	NO	42.25200475	-88.34810539	4678636.409	388793.7134
534	Box elder	Acer negundo	5	Fair	NO	42.25202103	-88.34808429	4678638.188	388795.4826
535	Box elder	Acer negundo	4	Dead	NO	42.25202151	-88.34807209	4678638.225	388796.4894
536	Box elder	Acer negundo	7	Fair	NO	42.25203604	-88.34807506	4678639.843	388796.2698
537	Box elder	Acer negundo	4	Fair	NO	42.25203627	-88.34806798	4678639.859	388796.8546
538	American elm	Ulmus americana	7	Poor	YES	42.25289499	-88.34890046	4678736.295	388729.6912

539	Box elder	Acer negundo	8	Fair	NO	42.25204542	-88.3480712	4678640.879	388796.6052
540	White mulberry	Morus alba	6	Poor	NO	42.25288742	-88.34889701	4678735.451	388729.9628
541	Box elder	Acer negundo	5	Fair	NO	42.25197631	-88.3481744	4678633.341	388787.9708
542	American elm	Ulmus americana	17	Good	YES	42.25289865	-88.34892201	4678736.73	388727.9196
543	Box elder	Acer negundo	6	Fair	NO	42.2519952	-88.34819261	4678635.462	388786.5013
544	Box elder	Acer negundo	6	Fair	NO	42.25200448	-88.34818753	4678636.486	388786.9364
545	Unknown		24	Dead	NO	42.25285267	-88.34897022	4678731.687	388723.8623
546	Box elder	Acer negundo	9	Fair	NO	42.25202656	-88.34819421	4678638.946	388786.4241
547	Box elder	Acer negundo	4	Poor	NO	42.25204077	-88.34818676	4678640.514	388787.0644
548	Slippery elm	Ulmus rubra	10	Poor	YES	42.25284743	-88.34902076	4678731.171	388719.6835
549	Box elder	Acer negundo	6	Fair	NO	42.25207211	-88.34819877	4678644.01	388786.1284
550	Box elder	Acer negundo	6	Poor	NO	42.25207235	-88.34821888	4678644.062	388784.4698
551	Unknown		13	Dead	NO	42.25289186	-88.34901609	4678736.099	388720.1474
552	Box elder	Acer negundo	8	Poor	NO	42.25207888	-88.34820741	4678644.773	388785.4278
553	Unknown		6	Dead	NO	42.25289428	-88.34898198	4678736.323	388722.9652
554	Box elder	Acer negundo	6	Poor	NO	42.25208767	-88.34819249	4678645.729	388786.6737
555	Unknown		8	Dead	NO	42.25291363	-88.34900047	4678738.496	388721.4741
556	Box elder	Acer negundo	8	Dead	NO	42.25212256	-88.34819335	4678649.604	388786.664
557	Box elder	Acer negundo	8	Poor	NO	42.25292907	-88.3489745	4678740.177	388723.6434
558	Eastern cottonwood	Populus deltoides	5	Poor	NO	42.25293923	-88.34898906	4678741.324	388722.46
559	Black walnut	Juglans nigra	14	Fair	NO	42.25217847	-88.34820072	4678655.822	388786.1548
560	American elm	Ulmus americana	9	Good	YES	42.25303197	-88.34894073	4678751.558	388726.6103
561	Box elder	Acer negundo	8	Poor	NO	42.25303586	-88.34895067	4678752.003	388725.7966
562	Unknown		8	Dead	NO	42.25221121	-88.34821298	4678659.474	388785.201
563	Box elder	Acer negundo	7	Poor	NO	42.2530281	-88.34895131	4678751.142	388725.7301
564	Box elder	Acer negundo	8	Poor	NO	42.25222964	-88.34822521	4678661.536	388784.2244
565	Box elder	Acer negundo	5	Dead	NO	42.25222906	-88.34825816	4678661.514	388781.505
566	Black walnut	Juglans nigra	14	Good	NO	42.25299517	-88.34894337	4678747.476	388726.3276
567	Box elder	Acer negundo	6	Poor	NO	42.25223673	-88.3482742	4678662.386	388780.1949
568	Box elder	Acer negundo	6	Poor	NO	42.25223107	-88.34830058	4678661.793	388778.0094
569	Box elder	Acer negundo	4	Poor	NO	42.25303665	-88.34892117	4678752.052	388728.2319
570	Box elder	Acer negundo	3	Poor	NO	42.25223055	-88.34830105	4678661.736	388777.9692
571	Box elder	Acer negundo	8	Poor	NO	42.2530475	-88.34888674	4678753.213	388731.0909
572	Box elder	Acer negundo	12	Poor	NO	42.25304144	-88.34886584	4678752.512	388732.8046
573	Box elder	Acer negundo	12	Poor	NO	42.25303784	-88.34886253	4678752.108	388733.0714
574	American elm	Ulmus americana	16	Good	YES	42.25229242	-88.34825558	4678668.547	388781.8288
575	Box elder	Acer negundo	10	Poor	NO	42.25304673	-88.34884178	4678753.067	388734.7985
576	Box elder	Acer negundo	7	Fair	NO	42.25231631	-88.34819457	4678671.119	388786.9036
577	Box elder	Acer negundo	6	Fair	NO	42.25231288	-88.34815851	4678670.691	388789.8723
578	Box elder	Acer negundo	5	Fair	NO	42.25231325	-88.34812196	4678670.685	388792.8883
579	Black walnut	Juglans nigra	18	Fair	NO	42.25218756	-88.34831783	4678656.985	388776.5098
580	Unknown		24	Dead	NO	42.25294881	-88.34892361	4678742.302	388727.8757
581	Box elder	Acer negundo	8	Poor	NO	42.25217386	-88.3482644	4678655.393	388780.8931
582	American elm	Ulmus americana	7	Fair	YES	42.25216867	-88.34829124	4678654.852	388778.6702
583	American elm	Ulmus americana	8	Fair	YES	42.25215955	-88.34831029	4678653.865	388777.0827

584	Box elder	Acer negundo	6	Fair	NO	42.25215025	-88.34833047	4678652.858	388775.4017	
585	Black walnut	Juglans nigra	23	Fair	NO	42.25214857	-88.3483315	4678652.673	388775.3135	
586	Black walnut	Juglans nigra	15	Fair	NO	42.25212421	-88.3483176	4678649.949	388776.4178	
587	American elm	Ulmus americana	6	Fair	YES	42.25211861	-88.34829499	4678649.298	388778.2726	
588	American elm	Ulmus americana	9	Fair	YES	42.25211871	-88.34826729	4678649.273	388780.5581	
589	White mulberry	Morus alba	13	Fair	NO	42.25283854	-88.34891667	4678730.049	388728.2543	
590	Black walnut	Juglans nigra	12	Fair	NO	42.2521083	-88.3482456	4678648.089	388782.3292	
591	Black walnut	Juglans nigra	8	Fair	NO	42.25205092	-88.34826804	4678641.747	388780.377	
592	American elm	Ulmus americana	6	Fair	YES	42.2520489	-88.34826572	4678641.52	388780.5651	
593	Black walnut	Juglans nigra	15	Fair	NO	42.25299072	-88.34866305	4678746.616	388749.4438	
594	American elm	Ulmus americana	22	Fair	YES	Multistem	42.25204707	-88.34828505	4678641.342	388778.9672
595	American elm	Ulmus americana	10	Fair	YES		42.25204335	-88.3482758	4678640.917	388779.7237
596	American elm	Ulmus americana	5	Fair	YES	Multistem	42.25204241	-88.34824071	4678640.766	388782.6165
597	Box elder	Acer negundo	12	Poor	NO	42.25302594	-88.3486568	4678750.517	388750.0211	
598	Box elder	Acer negundo	5	Poor	NO	42.25204754	-88.34823379	4678641.328	388783.1961	
599	Box elder	Acer negundo	11	Poor	NO	42.25303674	-88.34867768	4678751.744	388748.3174	
600	Box elder	Acer negundo	13	Poor	NO	42.25304128	-88.34868868	4678752.263	388747.4182	
601	Box elder	Acer negundo	6	Fair	NO	42.25203993	-88.34823876	4678640.489	388782.773	
602	Box elder	Acer negundo	5	Dead	NO	42.25203486	-88.34823126	4678639.916	388783.3828	
603	Box elder	Acer negundo	13	Poor	NO	42.25303149	-88.34861323	4678751.078	388753.6247	
604	Box elder	Acer negundo	6	Fair	NO	42.25198467	-88.34821391	4678634.321	388784.7255	
605	Box elder	Acer negundo	9	Poor	NO	42.25298909	-88.34859576	4678746.347	388754.9912	
606	American elm	Ulmus americana	12	Fair	YES	42.25200183	-88.34825223	4678636.275	388781.5946	
607	Box elder	Acer negundo	8	Poor	NO	42.25297626	-88.34857387	4678744.893	388756.7745	
608	Black walnut	Juglans nigra	17	Fair	NO	Multistem	42.25198208	-88.34826785	4678634.103	388780.2717
609	Box elder	Acer negundo	12	Dead	NO	42.25297887	-88.34853127	4678745.127	388760.2932	
610	Box elder	Acer negundo	6	Poor	NO	42.25301131	-88.34852585	4678748.722	388760.7979	
611	Elm spp.	Ulmus spp.	10	Poor	YES	42.25303726	-88.34850488	4678751.577	388762.5727	
612	Bigtooth aspen	Populus grandidentata	20	Fair	NO	42.25306815	-88.3484767	4678754.97	388764.9517	
613	Bigtooth aspen	Populus grandidentata	18	Fair	NO	42.25306964	-88.34849151	4678755.154	388763.7331	
614	Elm spp.	Ulmus spp.	17	Fair	YES	42.25303568	-88.34845962	4678751.342	388766.3039	
615	Box elder	Acer negundo	7	Poor	NO	42.25299625	-88.34843418	4678746.93	388768.3328	
616	Bigtooth aspen	Populus grandidentata	15	Poor	NO	42.25297417	-88.34846596	4678744.521	388765.6726	
617	Box elder	Acer negundo	8	Poor	NO	42.25298172	-88.34844841	4678745.335	388767.134	
618	Elm spp.	Ulmus spp.	20	Good	YES	42.25294905	-88.3484018	4678741.647	388770.9213	
619	Elm spp.	Ulmus spp.	12	Fair	YES	42.25294132	-88.34839855	4678740.785	388771.176	
620	Elm spp.	Ulmus spp.	18	Fair	YES	Multistem	42.25294153	-88.34834868	4678740.743	388775.29
621	Box elder	Acer negundo	18	Fair	NO	42.25295478	-88.34837074	4678742.243	388773.4933	
622	Box elder	Acer negundo	4	Fair	NO	42.25302198	-88.34826991	4678749.573	388781.9287	
623	Elm spp.	Ulmus spp.	4	Poor	YES	42.2530191	-88.34823728	4678749.211	388784.6153	
624	Elm spp.	Ulmus spp.	16	Good	YES	42.25305816	-88.34817311	4678753.464	388789.9777	
625	Elm spp.	Ulmus spp.	8	Fair	YES	42.2530623	-88.348091	4678753.816	388796.7584	
626	Elm spp.	Ulmus spp.	15	Good	YES	42.25302921	-88.34811735	4678750.176	388794.5263	
627	Black walnut	Juglans nigra	15	Good	NO	42.25299538	-88.34796872	4678746.227	388806.7274	
628	Box elder	Acer negundo	8	Poor	NO	42.25303612	-88.34793142	4678750.701	388809.8762	

629	American elm	Ulmus americana	12	Fair	YES	42.25225649	-88.34753154	4678663.612	388841.4938
630	Box elder	Acer negundo	12	Fair	NO	42.2522102	-88.34754345	4678658.487	388840.4294
631	Black walnut	Juglans nigra	8	Fair	NO	42.25217025	-88.34752782	4678654.031	388841.649
632	Box elder	Acer negundo	9	Fair	NO	42.25217802	-88.34754252	4678654.912	388840.4499
633	Box elder	Acer negundo	7	Fair	NO	42.25212561	-88.34753324	4678649.081	388841.1233
634	Box elder	Acer negundo	7	Fair	NO	42.25213216	-88.34752133	4678649.793	388842.1176
635	Box elder	Acer negundo	4	Dead	NO	42.25213211	-88.34751005	4678649.773	388843.0476
636	Box elder	Acer negundo	5	Fair	NO	42.2520973	-88.34750948	4678645.907	388843.034
637	Box elder	Acer negundo	4	Fair	NO	42.25208924	-88.34749442	4678644.992	388844.2621
638	Box elder	Acer negundo	10	Fair	NO	42.25208915	-88.34750993	4678645.002	388842.9823
639	Box elder	Acer negundo	6	Fair	NO	42.2520883	-88.34753792	4678644.944	388840.672
640	Box elder	Acer negundo	5	Fair	NO	42.2520357	-88.34759642	4678639.181	388835.7537
641	Box elder	Acer negundo	5	Dead	NO	42.25202391	-88.34757749	4678637.846	388837.2947
642	Box elder	Acer negundo	8	Fair	NO	42.25203395	-88.34755558	4678638.933	388839.1194
643	Box elder	Acer negundo	7	Fair	NO	42.25201344	-88.34753687	4678636.631	388840.6269
644	White mulberry	Morus alba	14	Poor	NO	42.25198458	-88.34756255	4678633.461	388838.4577
645	Box elder	Acer negundo	8	Fair	NO	42.25200821	-88.34751551	4678636.022	388842.3801
646	Box elder	Acer negundo	6	Fair	NO	42.25203111	-88.3475178	4678638.569	388842.2312
647	Box elder	Acer negundo	5	Fair	NO	42.25207694	-88.34753501	4678643.68	388840.8919
648	Unknown		3	Dead	NO	42.2528745	-88.34790624	4678732.723	388811.6691
649	Box elder	Acer negundo	7	Fair	NO	42.25206153	-88.34750229	4678641.926	388843.5637
650	Elm spp.	Ulmus spp.	10	Good	YES	42.25291569	-88.34798649	4678737.401	388805.122
651	Elm spp.	Ulmus spp.	11	Good	YES	42.25287496	-88.34798782	4678732.88	388804.9407
652	Box elder	Acer negundo	8	Fair	NO	42.25208889	-88.34746426	4678644.914	388846.7488
653	Box elder	Acer negundo	6	Fair	NO	42.25208724	-88.34746517	4678644.732	388846.671
654	Box elder	Acer negundo	6	Fair	NO	42.25209968	-88.34745665	4678646.102	388847.396
655	White mulberry	Morus alba	8	Fair	NO	42.25286493	-88.34797031	4678731.743	388806.3672
656	Box elder	Acer negundo	7	Fair	NO	42.25210301	-88.34744436	4678646.456	388848.4154
657	Box elder	Acer negundo	6	Poor	NO	42.25211021	-88.34744291	4678647.254	388848.5478
658	Box elder	Acer negundo	12	Fair	NO	42.25211975	-88.34748827	4678648.372	388844.8231
659	Elm spp.	Ulmus spp.	14	Poor	YES	42.25290437	-88.34801078	4678736.175	388803.0982
660	Box elder	Acer negundo	8	Fair	NO	42.25215019	-88.34746081	4678651.717	388847.1411
661	Box elder	Acer negundo	3	Fair	NO	42.25214816	-88.34750082	4678651.543	388843.837
662	Box elder	Acer negundo	5	Fair	NO	42.25215412	-88.34751856	4678652.227	388842.3843
663	Unknown		10	Dead	NO	42.25289834	-88.34799577	4678735.486	388804.3259
664	American elm	Ulmus americana	10	Fair	YES	42.25215624	-88.34751333	4678652.457	388842.8195
665	Unknown		5	Dead	NO	42.25292517	-88.34799015	4678738.458	388804.8367
666	Box elder	Acer negundo	5	Poor	NO	42.25217696	-88.34751392	4678654.758	388842.8075
667	Elm spp.	Ulmus spp.	12	Poor	YES	42.2529384	-88.34798962	4678739.926	388804.9038
668	Elm spp.	Ulmus spp.	5	Poor	YES	42.25295779	-88.34800845	4678742.104	388803.3845
669	Unknown		8	Dead	NO	42.25294963	-88.34799733	4678741.184	388804.2871
670	Box elder	Acer negundo	6	Fair	NO	42.25219145	-88.34752102	4678656.376	388842.2472
671	Black walnut	Juglans nigra	3	Fair	NO	42.25223019	-88.34750658	4678660.659	388843.5064
672	American elm	Ulmus americana	11	Fair	YES	42.25226059	-88.34747367	4678663.992	388846.2745
673	Elm spp.	Ulmus spp.	11	Poor	YES	42.25299002	-88.34803503	4678745.717	388801.248

674	American elm	Ulmus americana	6	Fair	YES		42.25225934	-88.3474611	4678663.836	388847.3091
675	Box elder	Acer negundo	21	Poor	NO	Multistem	42.25297062	-88.34803474	4678743.563	388801.2381
676	Box elder	Acer negundo	10	Fair	NO		42.25222401	-88.34748316	4678659.942	388845.4272
677	Box elder	Acer negundo	8	Fair	NO		42.25221777	-88.34746709	4678659.228	388846.7422
678	Box elder	Acer negundo	3	Dead	NO		42.25221202	-88.34747145	4678658.595	388846.3722
679	Box elder	Acer negundo	10	Fair	NO		42.25219896	-88.34747146	4678657.145	388846.3488
680	Box elder	Acer negundo	6	Fair	NO		42.25217534	-88.34745101	4678654.496	388847.9936
681	Box elder	Acer negundo	8	Fair	NO		42.25216634	-88.34745845	4678653.506	388847.3647
682	Box elder	Acer negundo	6	Fair	NO		42.25211909	-88.34743203	4678648.226	388849.4608
683	Box elder	Acer negundo	9	Poor	NO		42.25295016	-88.34790485	4678741.121	388811.9172
684	Box elder	Acer negundo	8	Dead	NO		42.25210516	-88.34741868	4678646.661	388850.5379
685	Box elder	Acer negundo	4	Poor	NO		42.25211751	-88.34740351	4678648.013	388851.8112
686	Box elder	Acer negundo	5	Dead	NO		42.25213109	-88.34741609	4678649.537	388850.7968
687	Box elder	Acer negundo	8	Fair	NO		42.2521431	-88.34742261	4678650.879	388850.2806
688	Box elder	Acer negundo	5	Fair	NO		42.25215731	-88.34742294	4678652.457	388850.2777
689	Box elder	Acer negundo	6	Fair	NO		42.25216384	-88.34739182	4678653.142	388852.8566
690	Box elder	Acer negundo	5	Fair	NO		42.25216838	-88.3473608	4678653.606	388855.4234
691	Box elder	Acer negundo	7	Fair	NO		42.25213574	-88.3473233	4678649.933	388858.4595
692	Box elder	Acer negundo	7	Fair	NO		42.25211821	-88.3473106	4678647.969	388859.4765
693	Black walnut	Juglans nigra	15	Fair	NO		42.25211545	-88.34727283	4678647.613	388862.5876
694	Box elder	Acer negundo	3	Fair	NO		42.25212662	-88.34728932	4678648.875	388861.2468
695	Box elder	Acer negundo	3	Fair	NO		42.25213342	-88.34730446	4678649.651	388860.0097
696	Box elder	Acer negundo	5	Dead	NO		42.25215313	-88.34730526	4678651.839	388859.9783
697	Elm spp.	Ulmus spp.	15	Poor	YES		42.25296857	-88.34812451	4678743.453	388793.8291
698	Box elder	Acer negundo	6	Fair	NO		42.25217348	-88.34731606	4678654.113	388859.1233
699	Box elder	Acer negundo	3	Fair	NO		42.25219267	-88.34731166	4678656.239	388859.5196
700	Box elder	Acer negundo	8	Fair	NO		42.25219197	-88.34734653	4678656.206	388856.6422
701	Box elder	Acer negundo	3	Poor	NO		42.25219924	-88.34736225	4678657.034	388855.3579
702	Box elder	Acer negundo	22	Poor	NO		42.2529933	-88.34819925	4678746.296	388787.7072
703	Box elder	Acer negundo	10	Fair	NO		42.25219937	-88.34739886	4678657.096	388852.3382
704	Box elder	Acer negundo	7	Poor	NO		42.25297456	-88.34821943	4678744.242	388786.0096
705	Box elder	Acer negundo	5	Fair	NO		42.25220618	-88.34739251	4678657.844	388852.8744
706	Box elder	Acer negundo	5	Fair	NO		42.25219566	-88.34740009	4678656.686	388852.2304
707	Box elder	Acer negundo	6	Fair	NO		42.25220867	-88.3474027	4678658.134	388852.0374
708	American elm	Ulmus americana	6	Fair	YES		42.25225229	-88.34741421	4678662.992	388851.1646
709	Elm spp.	Ulmus spp.	12	Fair	YES		42.25296196	-88.34819556	4678742.811	388787.9567
710	Box elder	Acer negundo	14	Poor	NO		42.25294993	-88.34830008	4678741.612	388779.3137
711	Box elder	Acer negundo	5	Fair	NO		42.25226899	-88.34739141	4678664.816	388853.0751
712	American elm	Ulmus americana	7	Fair	YES		42.25225228	-88.34736788	4678662.931	388854.987
713	American elm	Ulmus americana	6	Fair	YES		42.25226204	-88.34734003	4678663.978	388857.3014
714	American elm	Ulmus americana	6	Fair	YES		42.25225863	-88.34733636	4678663.594	388857.5979
715	Box elder	Acer negundo	5	Fair	NO		42.25225678	-88.34732506	4678663.374	388858.5272
716	Elm spp.	Ulmus spp.	17	Fair	YES		42.25290437	-88.34824502	4678736.482	388783.7758
717	Siberian elm	Ulmus pumila	6	Fair	YES		42.25224656	-88.3472423	4678662.132	388865.3358
718	Elm spp.	Ulmus spp.	13	Fair	YES		42.25288032	-88.34821727	4678733.774	388786.0226

719	American elm	Ulmus americana	8	Fair	YES	42.25223722	-88.34720793	4678661.05	388868.1547	
720	Elm spp.	Ulmus spp.	11	Fair	YES	42.25285753	-88.34820583	4678731.229	388786.9263	
721	American elm	Ulmus americana	9	Fair	YES	42.25223791	-88.34718864	4678661.101	388869.7477	
722	American elm	Ulmus americana	7	Fair	YES	42.25224575	-88.34716477	4678661.941	388871.7298	
723	Elm spp.	Ulmus spp.	11	Good	YES	42.25291807	-88.34813547	4678737.86	388792.8362	
724	Box elder	Acer negundo	8	Fair	NO	42.25218582	-88.34718644	4678655.315	388869.8372	
725	White mulberry	Morus alba	8	Poor	NO	42.25291815	-88.34807107	4678737.784	388798.1492	
726	Box elder	Acer negundo	5	Fair	NO	42.25217758	-88.34720332	4678654.422	388868.4308	
727	Box elder	Acer negundo	5	Fair	NO	42.25216487	-88.34720432	4678653.012	388868.3254	
728	Box elder	Acer negundo	3	Poor	NO	42.25216393	-88.34719853	4678652.9	388868.8017	
729	Box elder	Acer negundo	4	Poor	NO	42.25287559	-88.34812095	4678733.124	388793.9594	
730	Box elder	Acer negundo	8	Fair	NO	42.25215995	-88.34718849	4678652.445	388869.6229	
731	Box elder	Acer negundo	4	Poor	NO	42.25287869	-88.34809196	4678733.43	388796.3562	
732	Box elder	Acer negundo	6	Poor	NO	42.25215889	-88.34718675	4678652.324	388869.7645	
733	Box elder	Acer negundo	8	Fair	NO	42.25214799	-88.34720586	4678651.14	388868.1687	
734	Elm spp.	Ulmus spp.	12	Fair	YES	42.25288565	-88.3480984	4678734.211	388795.8379	
735	American elm	Ulmus americana	11	Fair	YES	42.25210832	-88.34719064	4678646.715	388869.3552	
736	American elm	Ulmus americana	6	Fair	YES	42.25208189	-88.34717974	4678643.766	388870.2077	
737	Box elder	Acer negundo	13	Poor	NO	Multistem	42.25282505	-88.34816618	4678727.571	388790.1397
738	American elm	Ulmus americana	7	Fair	YES	Multistem	42.25211917	-88.34721445	4678647.951	388867.4099
739	Elm spp.	Ulmus spp.	16	Good	YES	42.25282341	-88.34820695	4678727.442	388786.7735	
740	Box elder	Acer negundo	4	Poor	NO	42.25213441	-88.34722411	4678649.655	388866.6397	
741	Box elder	Acer negundo	6	Poor	NO	42.25281346	-88.3482361	4678726.375	388784.3517	
742	Box elder	Acer negundo	3	Fair	NO	42.25210502	-88.34722862	4678646.398	388866.2163	
743	Elm spp.	Ulmus spp.	9	Fair	YES	42.25282412	-88.34828125	4678727.618	388780.6458	
744	Box elder	Acer negundo	6	Fair	NO	42.2521001	-88.34725357	4678645.884	388864.1493	
745	Box elder	Acer negundo	4	Dead	NO	42.25213678	-88.34726386	4678649.97	388863.3651	
746	Box elder	Acer negundo	3	Fair	NO	42.25215991	-88.34726486	4678652.54	388863.323	
747	Box elder	Acer negundo	8	Fair	NO	42.25284566	-88.34830899	4678730.046	388778.3953	
748	Box elder	Acer negundo	4	Fair	NO	42.25217412	-88.34727511	4678654.131	388862.5025	
749	American elm	Ulmus americana	4	Fair	YES	42.25219255	-88.34725249	4678656.148	388864.4006	
750	Box elder	Acer negundo	7	Fair	NO	42.25220335	-88.34726841	4678657.368	388863.1061	
751	Box elder	Acer negundo	8	Fair	NO	42.25287896	-88.34831025	4678733.745	388778.35	
752	American elm	Ulmus americana	12	Fair	YES	42.25220681	-88.34728196	4678657.77	388861.9945	
753	American elm	Ulmus americana	11	Fair	YES	42.25220008	-88.34728776	4678657.03	388861.5039	
754	Box elder	Acer negundo	9	Fair	NO	42.25218626	-88.34728586	4678655.493	388861.6368	
755	Elm spp.	Ulmus spp.	17	Good	YES	42.25290442	-88.34830989	4678736.571	388778.4243	
756	Elm spp.	Ulmus spp.	20	Good	YES	42.25291278	-88.34831097	4678737.502	388778.3497	
757	American elm	Ulmus americana	3	Fair	YES	42.25220638	-88.34720667	4678657.624	388868.2046	
758	American elm	Ulmus americana	4	Fair	YES	42.25220351	-88.34717588	4678657.265	388870.7394	
759	Box elder	Acer negundo	8	Fair	NO	42.25291885	-88.34831734	4678738.184	388777.8355	
760	Box elder	Acer negundo	4	Fair	NO	42.2522034	-88.34717222	4678657.248	388871.0413	
761	Box elder	Acer negundo	5	Fair	NO	42.25218265	-88.34717816	4678654.952	388870.5152	
762	Elm spp.	Ulmus spp.	12	Poor	YES	42.25293519	-88.34830952	4678739.988	388778.509	
763	American elm	Ulmus americana	6	Fair	YES	42.25219832	-88.3471469	4678656.651	388873.1206	

764	Box elder	Acer negundo	4	Fair	NO	42.25220123	-88.34714076	4678656.966	388873.6329
765	Box elder	Acer negundo	5	Fair	NO	42.2528752	-88.34840557	4678733.452	388770.4802
766	Box elder	Acer negundo	5	Fair	NO	42.25220116	-88.3471156	4678656.926	388875.7083
767	Elm spp.	Ulmus spp.	10	Fair	YES	42.25283991	-88.34836425	4678729.48	388773.8272
768	American elm	Ulmus americana	8	Fair	YES	42.25218929	-88.34713091	4678655.627	388874.4245
769	American elm	Ulmus americana	3	Dead	YES	42.25217085	-88.34714806	4678653.603	388872.9767
770	Box elder	Acer negundo	5	Fair	NO	42.25217127	-88.34713193	4678653.628	388874.3081
771	Box elder	Acer negundo	6	Fair	NO	42.25215401	-88.34713536	4678651.715	388873.9955
772	Box elder	Acer negundo	4	Fair	NO	42.25212225	-88.3471231	4678648.174	388874.9512
773	Black walnut	Juglans nigra	5	Fair	NO	42.25212101	-88.34712613	4678648.04	388874.6984
774	Elm spp.	Ulmus spp.	8	Fair	YES	42.25281718	-88.34841447	4678727.021	388769.6442
775	Elm spp.	Ulmus spp.	9	Fair	YES	42.25280109	-88.34840871	4678725.227	388770.0915
776	Elm spp.	Ulmus spp.	12	Fair	YES	42.25280944	-88.34844262	4678726.198	388767.3081
777	Elm spp.	Ulmus spp.	13	Fair	YES	42.25283706	-88.34845818	4678729.286	388766.0735
778	Box elder	Acer negundo	12	Poor	NO	42.25278955	-88.34848493	4678724.046	388763.7832
779	Box elder	Acer negundo	6	Fair	NO	42.25209163	-88.34723101	4678644.915	388865.9956
780	American elm	Ulmus americana	5	Fair	YES	42.25205291	-88.3473867	4678640.818	388853.084
781	Elm spp.	Ulmus spp.	17	Good	YES	42.25281286	-88.3485045	4678726.66	388762.2098
782	American elm	Ulmus americana	6	Fair	YES	42.25203408	-88.3474287	4678638.782	388849.5862
783	Elm spp.	Ulmus spp.	17	Good	YES	42.25286745	-88.34847723	4678732.685	388764.5552
784	Unknown		10	Dead	NO	42.2528756	-88.34846189	4678733.57	388765.8355
785	American elm	Ulmus americana	14	Fair	YES	42.25202295	-88.34740906	4678637.52	388851.1867
786	Elm spp.	Ulmus spp.	14	Fair	YES	42.2528887	-88.34848306	4678735.053	388764.1118
787	Box elder	Acer negundo	6	Fair	NO	42.25203815	-88.34746199	4678639.278	388846.8478
788	Box elder	Acer negundo	10	Poor	NO	42.25288929	-88.34842944	4678735.048	388768.5362
789	Unknown		10	Dead	NO	42.25293303	-88.34847562	4678739.965	388764.8034
790	Box elder	Acer negundo	8	Poor	NO	42.25293167	-88.34848854	4678739.83	388763.735
791	American elm	Ulmus americana	17	Fair	YES	42.25201016	-88.34744991	4678636.154	388847.7947
792	Box elder	Acer negundo	5	Fair	NO	42.25201016	-88.34744991	4678636.154	388847.7947
793	Elm spp.	Ulmus spp.	15	Fair	YES	42.25197791	-88.34747861	4678632.61	388845.3703
794	Box elder	Acer negundo	21	Fair	NO	42.25194428	-88.34745569	4678628.846	388847.2024
795	White mulberry	Morus alba	9	Fair	NO	42.25290604	-88.3485401	4678737.052	388759.437
796	Black walnut	Juglans nigra	12	Fair	NO	42.25196809	-88.34740563	4678631.424	388851.3739
797	Siberian elm	Ulmus pumila	7	Fair	YES	42.25199364	-88.34739635	4678634.25	388852.1837
798	Box elder	Acer negundo	6	Fair	NO	42.25201016	-88.34744991	4678636.154	388847.7947
799	Box elder	Acer negundo	3	Fair	NO	42.25285863	-88.348583	4678731.844	388755.8146
800	Elm spp.	Ulmus spp.	18	Good	YES	42.25286156	-88.34863552	4678732.237	388751.4879
801	Box elder	Acer negundo	12	Poor	NO	42.25200195	-88.34739076	4678635.165	388852.6595
802	White mulberry	Morus alba	14	Fair	NO	42.25199234	-88.34737803	4678634.081	388853.6933
803	Elm spp.	Ulmus spp.	8	Good	YES	42.25288001	-88.34869222	4678734.361	388746.8425
804	Elm spp.	Ulmus spp.	8	Poor	YES	42.25286152	-88.34870088	4678732.319	388746.0962
805	Elm spp.	Ulmus spp.	7	Poor	YES	42.2528572	-88.34871144	4678731.853	388745.2169
806	White mulberry	Morus alba	11	Fair	NO	42.25283306	-88.34877016	4678729.249	388740.3306
807	Elm spp.	Ulmus spp.	9	Fair	YES	42.25288737	-88.34877781	4678735.289	388739.7956
808	Red maple	Acer rubrum	12	Fair	NO	42.25198828	-88.3473786	4678633.631	388853.6387

809	Black walnut	Juglans nigra	7	Fair	NO		42.2519575	-88.34739239	4678630.232	388852.4469
810	Unknown		9	Dead	NO		42.25284985	-88.34888461	4678731.263	388730.9189
811	White mulberry	Morus alba	14	Fair	NO		42.2528196	-88.34890175	4678727.926	388729.4524
812	White mulberry	Morus alba	14	Fair	NO		42.25281296	-88.34893845	4678727.237	388726.4131
813	Unknown		5	Dead	NO		42.25280173	-88.34893037	4678725.98	388727.0597
814	Elm spp.	Ulmus spp.	10	Fair	YES		42.25279772	-88.34894804	4678725.557	388725.5954
815	Elm spp.	Ulmus spp.	11	Poor	YES		42.25278345	-88.34896334	4678723.993	388724.3083
816	Red maple	Acer rubrum	28	Fair	NO		42.25190344	-88.34726014	4678624.056	388863.2615
817	Unknown		8	Dead	NO	Multistem	42.25274521	-88.34888153	4678719.64	388730.9892
818	White mulberry	Morus alba	14	Fair	NO		42.25274175	-88.34893691	4678719.328	388726.415
819	Red maple	Acer rubrum	26	Fair	NO		42.2519553	-88.34720136	4678629.738	388868.2018
820	Box elder	Acer negundo	7	Fair	NO		42.25197854	-88.34717167	4678632.279	388870.6916
821	Box elder	Acer negundo	11	Fair	NO		42.25197755	-88.34715247	4678632.144	388872.2739
822	Box elder	Acer negundo	41	Poor	NO		42.25273744	-88.34895748	4678718.876	388724.7102
823	Box elder	Acer negundo	8	Fair	NO		42.25196927	-88.34713965	4678631.208	388873.3173
824	Box elder	Acer negundo	12	Fair	NO	Multistem	42.25197464	-88.34713183	4678631.794	388873.9715
825	Box elder	Acer negundo	14	Fair	NO	Multistem	42.25198537	-88.3471015	4678632.947	388876.4923
826	Black cherry	Prunus serotina	12	Good	NO		42.25273153	-88.3488523	4678718.083	388733.3768
827	Box elder	Acer negundo	7	Poor	NO		42.25197027	-88.34709176	4678631.258	388877.2695
828	Box elder	Acer negundo	13	Fair	NO		42.2519832	-88.34705762	4678632.649	388880.1087
829	Elm spp.	Ulmus spp.	18	Good	YES		42.2527053	-88.34883064	4678715.142	388735.1173
830	Box elder	Acer negundo	8	Fair	NO		42.25197768	-88.34700696	4678631.969	388884.2775
831	Box elder	Acer negundo	6	Fair	NO		42.25201635	-88.34708383	4678636.364	388878.0043
832	White mulberry	Morus alba	10	Fair	NO		42.25272153	-88.34885153	4678716.971	388733.4225
833	Unknown		11	Dead	NO		42.25270617	-88.34885039	4678715.264	388733.4899
834	American elm	Ulmus americana	16	Fair	YES	Multistem	42.25204927	-88.34711307	4678640.057	388875.6498
835	American elm	Ulmus americana	6	Fair	YES		42.25206563	-88.34710517	4678641.863	388876.3308
836	Unknown		7	Dead	NO		42.25268415	-88.34884093	4678712.807	388734.231
837	Box elder	Acer negundo	6	Fair	NO		42.25206703	-88.34711397	4678642.03	388875.6069
838	White mulberry	Morus alba	12	Fair	NO		42.25262875	-88.34885797	4678706.677	388732.7284
839	Elm spp.	Ulmus spp.	16	Fair	YES		42.25263509	-88.34884424	4678707.364	388733.8715
840	Hackberry	Celtis occidentalis	3	Poor	NO		42.25207285	-88.34703784	4678642.577	388881.8975
841	Elm spp.	Ulmus spp.	9	Fair	YES		42.25257793	-88.34882983	4678700.999	388734.96
842	Box elder	Acer negundo	12	Fair	NO		42.25205445	-88.34701373	4678640.502	388883.8541
843	Box elder	Acer negundo	10	Fair	NO		42.2520532	-88.34697272	4678640.31	388887.2351
844	Box elder	Acer negundo	6	Poor	NO		42.25202141	-88.34692558	4678636.719	388891.0679
845	White mulberry	Morus alba	12	Fair	NO		42.2524473	-88.34874238	4678686.38	388741.9442
846	Box elder	Acer negundo	8	Fair	NO		42.25202346	-88.34690685	4678636.922	388892.6163
847	Box elder	Acer negundo	6	Dead	NO		42.25207256	-88.34691547	4678642.385	388891.9912
848	White mulberry	Morus alba	22	Poor	NO		42.25241563	-88.34871525	4678682.828	388744.1264
849	Elm spp.	Ulmus spp.	3	Poor	YES		42.25209045	-88.34693719	4678644.4	388890.231
850	Elm spp.	Ulmus spp.	12	Fair	YES		42.25240751	-88.34870822	4678681.917	388744.6919
851	Box elder	Acer negundo	8	Fair	NO		42.25210176	-88.34692956	4678645.646	388890.8806
852	Elm spp.	Ulmus spp.	6	Fair	YES		42.25240993	-88.34870144	4678682.177	388745.2561
853	Box elder	Acer negundo	11	Fair	NO	Multistem	42.2520956	-88.34692225	4678644.953	388891.4725

854	Box elder	Acer negundo	8	Poor	NO		42.25211048	-88.34691891	4678646.6	388891.7739
855	Box elder	Acer negundo	8	Poor	NO		42.25211494	-88.34690302	4678647.075	388893.0926
856	American elm	Ulmus americana	4	Fair	YES		42.25213948	-88.34689729	4678649.792	388893.6085
857	Box elder	Acer negundo	7	Fair	NO		42.25216068	-88.34692185	4678652.177	388891.6195
858	Box elder	Acer negundo	6	Fair	NO		42.25216403	-88.34694002	4678652.574	388890.1267
859	Box elder	Acer negundo	5	Fair	NO		42.25215383	-88.34697077	4678651.481	388887.5723
860	Box elder	Acer negundo	10	Fair	NO		42.2521458	-88.34701308	4678650.644	388884.0677
861	American elm	Ulmus americana	18	Fair	YES		42.25215241	-88.34708473	4678651.472	388878.1687
862	Box elder	Acer negundo	3	Fair	NO		42.25216562	-88.34703885	4678652.879	388881.9766
863	Box elder	Acer negundo	4	Fair	NO		42.25217623	-88.34703404	4678654.051	388882.3924
864	American elm	Ulmus americana	12	Fair	YES		42.25218915	-88.34703223	4678655.483	388882.5644
865	Box elder	Acer negundo	11	Fair	NO		42.25219418	-88.34704254	4678656.055	388881.7225
866	Box elder	Acer negundo	7	Fair	NO		42.25220271	-88.34703446	4678656.992	388882.4045
867	Box elder	Acer negundo	4	Fair	NO		42.25218722	-88.34709008	4678655.344	388877.7888
868	Box elder	Acer negundo	5	Fair	NO		42.25219748	-88.34709867	4678656.494	388877.0981
869	American elm	Ulmus americana	5	Fair	YES		42.25220227	-88.3471	4678657.028	388876.9967
870	Box elder	Acer negundo	5	Fair	NO		42.25221268	-88.34711003	4678658.198	388876.1877
871	American elm	Ulmus americana	9	Fair	YES		42.25223678	-88.34711399	4678660.879	388875.9036
872	Black walnut	Juglans nigra	8	Fair	NO		42.25252392	-88.34775846	4678693.602	388823.2439
873	Black walnut	Juglans nigra	11	Fair	NO		42.25254731	-88.34773552	4678696.17	388825.1774
874	American elm	Ulmus americana	9	Fair	YES		42.25259985	-88.34775123	4678702.024	388823.974
875	Siberian elm	Ulmus pumila	5	Poor	YES		42.25267252	-88.34777702	4678710.127	388821.9742
876	Callery pear	Pyrus calleryana	12	Fair	NO		42.25268815	-88.34776862	4678711.852	388822.6949
877	Black walnut	Juglans nigra	10	Fair	NO		42.25272989	-88.34774924	4678716.461	388824.3662
878	Black walnut	Juglans nigra	14	Poor	NO		42.25283938	-88.34784689	4678728.746	388816.5033
879	Box elder	Acer negundo	10	Poor	NO		42.25288194	-88.34788459	4678733.52	388813.4687
880	Box elder	Acer negundo	6	Fair	NO		42.2522208	-88.34702421	4678658.987	388883.2815
881	Box elder	Acer negundo	23	Poor	NO	Multistem	42.25287541	-88.34790174	4678732.817	388812.0419
882	Box elder	Acer negundo	3	Fair	NO		42.25222067	-88.34701019	4678658.954	388884.4375
883	American elm	Ulmus americana	3	Fair	YES		42.25222935	-88.34700527	4678659.911	388884.859
884	Unknown		6	Dead	NO		42.25285802	-88.3478998	4678730.884	388812.1718
885	Box elder	Acer negundo	5	Fair	NO		42.25219997	-88.34701281	4678656.659	388884.1852
886	Box elder	Acer negundo	11	Poor	NO		42.25286153	-88.34789106	4678731.262	388812.8986
887	Box elder	Acer negundo	4	Fair	NO		42.25218389	-88.34700425	4678654.863	388884.8636
888	Box elder	Acer negundo	3	Fair	NO		42.25217483	-88.34701097	4678653.866	388884.2927
889	Unknown		5	Dead	NO		42.25285528	-88.34787682	4678730.55	388814.0628
890	Box elder	Acer negundo	11	Poor	NO		42.25285436	-88.34789153	4678730.467	388812.8474
891	Box elder	Acer negundo	6	Fair	NO		42.2521706	-88.34696275	4678653.333	388888.2633
892	Black walnut	Juglans nigra	11	Fair	NO		42.25282628	-88.34789532	4678727.354	388812.4857
893	Box elder	Acer negundo	10	Fair	NO		42.25217951	-88.34695471	4678654.312	388888.9423
894	Box elder	Acer negundo	18	Poor	NO	Multistem	42.25279862	-88.3478855	4678724.27	388813.2468
895	Box elder	Acer negundo	8	Poor	NO		42.25277551	-88.34789068	4678721.71	388812.7794
896	Unknown		16	Dead	NO		42.25278859	-88.34789416	4678723.167	388812.5148
897	American elm	Ulmus americana	12	Good	YES		42.25219855	-88.34693859	4678656.405	388890.3052
898	Box elder	Acer negundo	7	Poor	NO		42.25275055	-88.34788757	4678718.935	388812.9916

899	Box elder	Acer negundo	6	Fair	NO		42.25220051	-88.34692769	4678656.608	388891.2083
900	Siberian elm	Ulmus pumila	13	Poor	YES		42.25275266	-88.34787776	4678719.156	388813.8049
901	Box elder	Acer negundo	8	Poor	NO		42.25274423	-88.34788218	4678718.226	388813.4252
902	Box elder	Acer negundo	10	Poor	NO		42.25275153	-88.34787571	4678719.028	388813.9715
903	Box elder	Acer negundo	5	Fair	NO		42.25219131	-88.34691785	4678655.574	388892.0037
904	Box elder	Acer negundo	9	Poor	NO		42.25270578	-88.34786881	4678713.939	388814.4603
905	Box elder	Acer negundo	7	Poor	NO		42.25267373	-88.34789	4678710.409	388812.6562
906	American elm	Ulmus americana	13	Fair	YES		42.25221083	-88.34692351	4678657.749	388891.5713
907	Box elder	Acer negundo	17	Poor	NO		42.25262441	-88.34789246	4678704.936	388812.3671
908	American elm	Ulmus americana	12	Fair	YES		42.25222405	-88.34690161	4678659.188	388893.4004
909	Box elder	Acer negundo	4	Fair	NO		42.25221402	-88.34690542	4678658.079	388893.0691
910	Box elder	Acer negundo	21	Poor	NO	Multistem	42.25262719	-88.34785828	4678705.2	388815.1913
911	American elm	Ulmus americana	3	Fair	YES		42.25220963	-88.34689824	4678657.583	388893.6532
912	Box elder	Acer negundo	7	Fair	NO		42.25220955	-88.34688724	4678657.559	388894.5608
913	Box elder	Acer negundo	7	Poor	NO		42.25262313	-88.34791291	4678704.82	388810.6776
914	Box elder	Acer negundo	5	Fair	NO		42.25219599	-88.34689693	4678656.066	388893.7378
915	Box elder	Acer negundo	4	Dead	NO		42.25218542	-88.34687678	4678654.866	388895.3811
916	Box elder	Acer negundo	5	Fair	NO		42.25216617	-88.34688445	4678652.739	388894.7142
917	Elm spp.	Ulmus spp.	14	Fair	YES		42.25258584	-88.34787247	4678700.626	388813.948
918	Box elder	Acer negundo	9	Fair	NO		42.25215871	-88.34688377	4678651.91	388894.7578
919	Box elder	Acer negundo	8	Fair	NO		42.25214146	-88.34687825	4678649.987	388895.1831
920	Black walnut	Juglans nigra	8	Fair	NO		42.25253874	-88.34786798	4678695.391	388814.236
921	Box elder	Acer negundo	9	Poor	NO		42.25252067	-88.34784768	4678693.358	388815.8781
922	Box elder	Acer negundo	4	Poor	NO	Multistem	42.2525065	-88.34785327	4678691.792	388815.3928
923	White mulberry	Morus alba	12	Fair	NO	Multistem	42.25249781	-88.34786074	4678690.836	388814.7609
924	Black walnut	Juglans nigra	19	Good	NO		42.25200189	-88.34687039	4678634.48	388895.5865
925	Box elder	Acer negundo	11	Poor	NO		42.25244127	-88.347854	4678684.55	388815.2175
926	Unknown		5	Dead	NO		42.25247374	-88.34787155	4678688.178	388813.8268
927	Siberian elm	Ulmus pumila	11	Fair	YES		42.25244288	-88.34788408	4678684.768	388812.739
928	American elm	Ulmus americana	16	Fair	YES		42.25200817	-88.34681198	4678635.101	388900.4153
929	Unknown		14	Dead	NO		42.25239574	-88.34786267	4678679.505	388814.4225
930	Box elder	Acer negundo	6	Fair	NO		42.25207664	-88.34681219	4678642.703	388900.5184
931	Box elder	Acer negundo	3	Fair	NO		42.25208809	-88.34680764	4678643.969	388900.914
932	Box elder	Acer negundo	6	Fair	NO		42.25211281	-88.34678511	4678646.684	388902.8156
933	Box elder	Acer negundo	7	Fair	NO		42.25211038	-88.34676739	4678646.391	388904.2735
934	Box elder	Acer negundo	3	Fair	NO		42.25211396	-88.34675243	4678646.769	388905.5133
935	Box elder	Acer negundo	4	Fair	NO		42.25211829	-88.34674516	4678647.241	388906.1209
936	Box elder	Acer negundo	7	Fair	NO	Multistem	42.25212337	-88.34675682	4678647.819	388905.1683
937	American elm	Ulmus americana	10	Fair	YES		42.25212368	-88.34673164	4678647.822	388907.2459
938	American elm	Ulmus americana	12	Poor	YES		42.25216146	-88.34672625	4678652.009	388907.7569
939	Box elder	Acer negundo	8	Fair	NO		42.25216534	-88.34672618	4678652.44	388907.7693
940	Black walnut	Juglans nigra	10	Fair	NO		42.25218522	-88.3466777	4678654.584	388911.803
941	Black walnut	Juglans nigra	8	Fair	NO		42.25237567	-88.34857661	4678678.209	388755.4927
942	Box elder	Acer negundo	10	Fair	NO		42.25219004	-88.34667922	4678655.121	388911.6866
943	Unknown		10	Dead	NO		42.25239242	-88.34846374	4678679.922	388764.8333

944	Box elder	Acer negundo	3	Fair	NO		42.25218523	-88.34666195	4678654.565	388913.1025
945	Unknown		6	Dead	NO		42.25240323	-88.3484004	4678681.04	388770.0772
946	Box elder	Acer negundo	4	Fair	NO		42.25221159	-88.34667127	4678657.504	388912.3798
947	Elm spp.	Ulmus spp.	12	Poor	YES	Multistem	42.25236162	-88.34831714	4678676.31	388776.8723
948	American elm	Ulmus americana	6	Poor	YES		42.25221449	-88.34667343	4678657.829	388912.2067
949	Box elder	Acer negundo	6	Fair	NO		42.25220915	-88.34669683	4678657.266	388910.2674
950	Box elder	Acer negundo	13	Poor	NO		42.25235254	-88.34830501	4678675.286	388777.857
951	Box elder	Acer negundo	4	Fair	NO		42.2522198	-88.34669879	4678658.452	388910.124
952	Box elder	Acer negundo	6	Fair	NO		42.25223191	-88.34669025	4678659.785	388910.8497
953	Box elder	Acer negundo	7	Poor	NO		42.2523599	-88.34830293	4678676.101	388778.0416
954	Box elder	Acer negundo	7	Fair	NO		42.25236281	-88.34829983	4678676.42	388778.3029
955	American elm	Ulmus americana	10	Fair	YES		42.25222431	-88.34667948	4678658.927	388911.7252
956	American elm	Ulmus americana	8	Fair	YES		42.25222917	-88.34670995	4678659.506	388909.2204
957	Box elder	Acer negundo	16	Poor	NO	Multistem	42.2524003	-88.34824803	4678680.515	388782.6416
958	Box elder	Acer negundo	6	Fair	NO		42.25222351	-88.34671346	4678658.883	388908.9206
959	Box elder	Acer negundo	8	Fair	NO		42.25221448	-88.34675278	4678657.932	388905.6612
960	Box elder	Acer negundo	9	Fair	NO		42.25219462	-88.34674712	4678655.719	388906.0929
961	Box elder	Acer negundo	3	Fair	NO		42.25219237	-88.34676188	4678655.488	388904.872
962	Box elder	Acer negundo	10	Fair	NO		42.25218051	-88.34677915	4678654.194	388903.4263
963	Box elder	Acer negundo	5	Fair	NO		42.25217444	-88.34678501	4678653.527	388902.932
964	Box elder	Acer negundo	6	Poor	NO		42.25216821	-88.3467367	4678652.772	388906.9063
965	Box elder	Acer negundo	8	Fair	NO		42.25216436	-88.34674806	4678652.36	388905.9622
966	American elm	Ulmus americana	7	Fair	YES		42.25217115	-88.34674538	4678653.111	388906.1956
967	Black walnut	Juglans nigra	18	Fair	NO		42.25242896	-88.34815651	4678683.577	388790.2411
968	Black walnut	Juglans nigra	8	Fair	NO		42.25242699	-88.34808428	4678683.265	388796.1968
969	Box elder	Acer negundo	6	Fair	NO		42.25213523	-88.34678748	4678649.177	388902.6592
970	American elm	Ulmus americana	4	Fair	YES		42.25210977	-88.34678779	4678646.35	388902.5889
971	Box elder	Acer negundo	8	Fair	NO		42.25211712	-88.34682093	4678647.209	388899.8687
972	Black walnut	Juglans nigra	14	Good	NO		42.25238161	-88.34800011	4678678.116	388803.06
973	Box elder	Acer negundo	6	Fair	NO		42.25212437	-88.34683041	4678648.027	388899.0993
974	Box elder	Acer negundo	5	Fair	NO		42.2521315	-88.34683466	4678648.825	388898.7615
975	Box elder	Acer negundo	6	Fair	NO		42.25214305	-88.34681818	4678650.086	388900.1407
976	Box elder	Acer negundo	4	Fair	NO		42.25215614	-88.34681891	4678651.539	388900.1032
977	Black walnut	Juglans nigra	23	Fair	NO	Multistem	42.25240438	-88.34790787	4678680.524	388810.7091
978	Box elder	Acer negundo	6	Fair	NO		42.25216307	-88.34680406	4678652.29	388901.3403
979	Box elder	Acer negundo	5	Poor	NO		42.25218678	-88.34679558	4678654.912	388902.0815
980	Box elder	Acer negundo	5	Poor	NO		42.25219453	-88.34681179	4678655.793	388900.758
981	Box elder	Acer negundo	3	Fair	NO		42.25220897	-88.346814	4678657.399	388900.6017
982	Box elder	Acer negundo	3	Dead	NO		42.25221253	-88.34679962	4678657.776	388901.7935
983	Box elder	Acer negundo	4	Fair	NO		42.25221774	-88.34680589	4678658.362	388901.2861
984	Black walnut	Juglans nigra	4	Fair	NO		42.25243781	-88.34796203	4678684.307	388806.3002
985	Box elder	Acer negundo	4	Poor	NO		42.25221497	-88.34682904	4678658.085	388899.3713
986	Box elder	Acer negundo	8	Fair	NO		42.25219489	-88.34681939	4678655.843	388900.1317
987	Box elder	Acer negundo	3	Fair	NO		42.25217813	-88.34683628	4678654.004	388898.7089
988	Unknown		22	Dead	NO		42.2524671	-88.34801683	4678687.63	388801.831

989	Box elder	Acer negundo	4	Fair	NO		42.25216725	-88.34684401	4678652.806	388898.0529
990	American elm	Ulmus americana	9	Fair	YES		42.25217107	-88.34684227	4678653.228	388898.2028
991	White mulberry	Morus alba	9	Poor	NO		42.25245441	-88.34807135	4678686.293	388797.3115
992	Box elder	Acer negundo	4	Fair	NO		42.25219025	-88.34685335	4678655.372	388897.3226
993	Box elder	Acer negundo	8	Fair	NO		42.2522033	-88.34685451	4678656.822	388897.2495
994	White mulberry	Morus alba	15	Poor	NO	Multistem	42.25244094	-88.34808912	4678684.82	388795.8214
995	Black walnut	Juglans nigra	19	Fair	NO		42.25243684	-88.34819771	4678684.507	388786.8565
996	Unknown		12	Dead	NO		42.2524215	-88.34822212	4678682.835	388784.816
997	American elm	Ulmus americana	6	Fair	YES		42.25226023	-88.34677189	4678663.036	388904.1646
998	American elm	Ulmus americana	3	Poor	YES		42.25227966	-88.34677527	4678665.198	388903.9201
999	Box elder	Acer negundo	15	Poor	NO		42.25241631	-88.34826542	4678682.316	388781.235
1000	American elm	Ulmus americana	3	Fair	YES		42.25228225	-88.34678412	4678665.497	388903.1948
1001	American elm	Ulmus americana	3	Fair	YES		42.25229205	-88.34676928	4678666.566	388904.4359
1002	Box elder	Acer negundo	12	Poor	NO		42.25244685	-88.34827335	4678685.717	388780.6349
1003	Box elder	Acer negundo	6	Poor	NO		42.25247552	-88.34831845	4678688.96	388776.9644
1004	Unknown		27	Dead	NO		42.25246971	-88.34836015	4678688.368	388773.5147
1005	Box elder	Acer negundo	22	Poor	NO	Multistem	42.25243283	-88.34840003	4678684.325	388770.1601
1006	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25227897	-88.34678418	4678665.133	388903.1841
1007	Black walnut	Juglans nigra	20	Good	NO		42.25241477	-88.34845487	4678682.391	388765.604
1008	Box elder	Acer negundo	15	Poor	NO		42.25239876	-88.34845506	4678680.614	388765.5603
1009	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.2522762	-88.34679547	4678664.84	388902.2479
1010	Box elder	Acer negundo	4	Fair	NO		42.252272	-88.34681291	4678664.397	388900.8019
1011	Box elder	Acer negundo	4	Fair	NO		42.25226775	-88.34682019	4678663.934	388900.1941
1012	American elm	Ulmus americana	6	Fair	YES		42.25227207	-88.34683186	4678664.429	388899.2388
1013	American elm	Ulmus americana	5	Fair	YES		42.25228398	-88.34683113	4678665.751	388899.3198
1014	Box elder	Acer negundo	5	Fair	NO		42.25230354	-88.34682031	4678667.909	388900.2468
1015	Box elder	Acer negundo	5	Fair	NO		42.25230394	-88.34682137	4678667.954	388900.1602
1016	American elm	Ulmus americana	7	Fair	YES		42.25231914	-88.34683805	4678669.664	388898.811
1017	Box elder	Acer negundo	12	Poor	NO		42.25242156	-88.34846693	4678683.162	388764.6218
1018	American elm	Ulmus americana	5	Fair	YES		42.2523169	-88.34679128	4678669.354	388902.6652
1019	Box elder	Acer negundo	14	Poor	NO		42.2523867	-88.3484818	4678679.31	388763.3334
1020	American elm	Ulmus americana	8	Fair	YES		42.25231107	-88.34678345	4678668.696	388903.3004
1021	Eastern cottonwood	Populus deltoides	3	Fair	NO		42.25232302	-88.34679146	4678670.033	388902.6606
1022	Box elder	Acer negundo	11	Poor	NO	Multistem	42.25239577	-88.34851267	4678680.358	388760.8031
1023	Eastern cottonwood	Populus deltoides	3	Fair	NO		42.25234724	-88.3468072	4678672.744	388901.4052
1024	Unknown		5	Dead	NO		42.25239917	-88.34853156	4678680.759	388759.2504
1025	Box elder	Acer negundo	15	Poor	NO		42.25240161	-88.34854762	4678681.051	388757.93
1026	Siberian elm	Ulmus pumila	6	Fair	YES	Multistem	42.25235186	-88.34677076	4678673.209	388904.4195
1027	Unknown		9	Dead	NO		42.25239546	-88.34858221	4678680.414	388755.066
1028	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25236699	-88.34675443	4678674.867	388905.7927
1029	Box elder	Acer negundo	6	Poor	NO		42.25240038	-88.34860551	4678680.991	388753.1528
1030	Unknown		3	Dead	NO		42.25243573	-88.3485169	4678684.801	388760.5243
1031	Black walnut	Juglans nigra	16	Good	NO		42.25244046	-88.34856077	4678685.383	388756.9132
1032	Black walnut	Juglans nigra	13	Good	NO		42.25244632	-88.34861179	4678686.1	388752.7155
1033	Elm spp.	Ulmus spp.	22	Poor	YES		42.25242371	-88.34863968	4678683.626	388750.3744

1034	Unknown		5	Dead	NO		42.25240483	-88.34862986	4678681.517	388751.152
1035	Unknown		5	Dead	NO		42.25241241	-88.34865183	4678682.387	388749.3529
1036	Black cherry	Prunus serotina	12	Poor	NO		42.2524305	-88.34870658	4678684.467	388744.8679
1037	American elm	Ulmus americana	3	Fair	YES		42.25237978	-88.34680432	4678676.352	388901.6993
1038	Black walnut	Juglans nigra	15	Good	NO		42.25244004	-88.34872333	4678685.548	388743.5029
1039	Eastern cottonwood	Populus deltoides	27	Fair	NO	Multistem	42.25243126	-88.34673732	4678681.982	388907.3172
1040	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25245329	-88.34675532	4678684.451	388905.8711
1041	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25244316	-88.34675462	4678683.326	388905.9106
1042	Elm spp.	Ulmus spp.	5	Fair	YES		42.25243083	-88.3467763	4678681.985	388904.1005
1043	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25243754	-88.34678968	4678682.747	388903.0086
1044	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25244975	-88.3467827	4678684.094	388903.6058
1045	Eastern cottonwood	Populus deltoides	19	Fair	NO	Multistem	42.2524553	-88.34676709	4678684.69	388904.9037
1046	White mulberry	Morus alba	6	Fair	NO		42.25247019	-88.34872794	4678688.902	388743.1757
1047	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25247335	-88.34676343	4678686.69	388905.2373
1048	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25246524	-88.34678319	4678685.814	388903.5928
1049	Elm spp.	Ulmus spp.	8	Fair	YES	Multistem	42.25245029	-88.34679581	4678684.171	388902.5254
1050	White mulberry	Morus alba	16	Fair	NO		42.25248342	-88.34866421	4678690.288	388748.4562
1051	White mulberry	Morus alba	5	Fair	NO		42.25247813	-88.34682242	4678687.297	388900.3794
1052	Box elder	Acer negundo	6	Fair	NO		42.25250232	-88.34683952	4678690.006	388899.0109
1053	Elm spp.	Ulmus spp.	17	Poor	YES		42.25249955	-88.34862762	4678692.031	388751.5025
1054	Elm spp.	Ulmus spp.	4	Fair	YES		42.25250832	-88.3468287	4678690.657	388899.9144
1055	White mulberry	Morus alba	8	Poor	NO		42.25254941	-88.34864714	4678697.593	388749.9804
1056	Black walnut	Juglans nigra	5	Fair	NO		42.252583	-88.34865054	4678701.327	388749.7586
1057	Black walnut	Juglans nigra	20	Fair	NO		42.25258732	-88.34863376	4678701.785	388751.1503
1058	Eastern cottonwood	Populus deltoides	22	Fair	NO		42.25249862	-88.3468036	4678689.547	388901.9673
1059	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.2524937	-88.34679506	4678688.99	388902.6631
1060	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25251253	-88.34683261	4678691.13	388899.5993
1061	Black walnut	Juglans nigra	12	Fair	NO		42.25255608	-88.34861573	4678698.292	388752.583
1062	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25253996	-88.34681976	4678694.159	388900.7069
1063	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.2525349	-88.34681078	4678693.585	388901.4389
1064	Unknown		6	Dead	NO		42.25253973	-88.34859021	4678696.444	388754.6598
1065	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25251887	-88.34682293	4678691.822	388900.409
1066	Eastern cottonwood	Populus deltoides	3	Fair	NO		42.25252577	-88.34684159	4678692.612	388898.8814
1067	Black walnut	Juglans nigra	13	Good	NO		42.25252138	-88.34853625	4678694.336	388759.0783
1068	Eastern cottonwood	Populus deltoides	4	Poor	NO	Multistem	42.252532	-88.34684965	4678693.314	388898.2277
1069	Elm spp.	Ulmus spp.	11	Fair	YES		42.2524696	-88.34859116	4678688.658	388754.4581
1070	Eastern cottonwood	Populus deltoides	3	Fair	NO		42.2525443	-88.34684662	4678694.676	388898.4994
1071	Eastern cottonwood	Populus deltoides	10	Fair	NO	Multistem	42.25254015	-88.34684396	4678694.211	388898.7113
1072	Unknown		5	Dead	NO		42.25246444	-88.34863569	4678688.143	388750.7756
1073	Elm spp.	Ulmus spp.	5	Fair	YES		42.25256083	-88.34685504	4678696.522	388897.8335
1074	Box elder	Acer negundo	5	Poor	NO		42.25247583	-88.34854795	4678689.294	388758.0335
1075	Box elder	Acer negundo	6	Poor	NO		42.25248771	-88.34852571	4678690.583	388759.8892
1076	Elm spp.	Ulmus spp.	6	Fair	YES		42.25254994	-88.34680988	4678695.254	388901.5395
1077	Eastern cottonwood	Populus deltoides	9	Fair	NO		42.25250959	-88.34677025	4678690.722	388904.7384
1078	Unknown		8	Dead	NO		42.25248292	-88.34848994	4678690.005	388762.8312

1079	Box elder	Acer negundo	7	Poor	NO		42.25250458	-88.34849221	4678692.413	388762.6817
1080	Box elder	Acer negundo	6	Poor	NO		42.25251551	-88.34849756	4678693.634	388762.2594
1081	Elm spp.	Ulmus spp.	4	Fair	YES		42.25235549	-88.34670767	4678673.53	388909.6298
1082	Unknown		8	Dead	NO	Multistem	42.25249093	-88.34847177	4678690.87	388764.344
1083	Elm spp.	Ulmus spp.	4	Fair	YES		42.25242644	-88.34664187	4678681.322	388915.1823
1084	Box elder	Acer negundo	8	Poor	NO		42.25248162	-88.34845048	4678689.809	388766.0841
1085	American elm	Ulmus americana	5	Fair	YES		42.25244478	-88.34662355	4678683.334	388916.7261
1086	Unknown		6	Dead	NO		42.2524803	-88.34842396	4678689.628	388768.2691
1087	Elm spp.	Ulmus spp.	4	Fair	YES		42.2524024	-88.34657733	4678678.569	388920.4642
1088	Elm spp.	Ulmus spp.	3	Fair	YES		42.2524017	-88.34655527	4678678.462	388922.2824
1089	Elm spp.	Ulmus spp.	3	Fair	YES		42.25239374	-88.34654425	4678677.564	388923.1774
1090	Elm spp.	Ulmus spp.	16	Good	YES		42.25248197	-88.34840328	4678689.786	388769.978
1091	American elm	Ulmus americana	11	Fair	YES	Multistem	42.25239264	-88.34651715	4678677.406	388925.4116
1092	Box elder	Acer negundo	6	Fair	NO		42.25240523	-88.34650399	4678678.787	388926.5187
1093	Elm spp.	Ulmus spp.	9	Good	YES		42.25252896	-88.34841111	4678695.014	388769.4147
1094	Box elder	Acer negundo	5	Fair	NO	Multistem	42.25241569	-88.34648005	4678679.917	388928.512
1095	Black walnut	Juglans nigra	5	Poor	NO		42.25255415	-88.34842634	4678697.83	388768.2027
1096	Elm spp.	Ulmus spp.	4	Fair	YES		42.25241406	-88.34648527	4678679.743	388928.0791
1097	Elm spp.	Ulmus spp.	6	Fair	YES		42.25241921	-88.34646817	4678680.293	388929.4989
1098	American elm	Ulmus americana	8	Fair	YES		42.25240452	-88.34646432	4678678.656	388929.7907
1099	American elm	Ulmus americana	7	Fair	YES		42.25239788	-88.34644759	4678677.898	388931.1584
1100	American elm	Ulmus americana	7	Fair	YES		42.25239213	-88.34643803	4678677.247	388931.9369
1101	American elm	Ulmus americana	4	Fair	YES		42.25236175	-88.34642549	4678673.857	388932.9181
1102	American elm	Ulmus americana	6	Fair	YES		42.25236147	-88.34647436	4678673.889	388928.8863
1103	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25234311	-88.34647516	4678671.852	388928.7887
1104	Box elder	Acer negundo	6	Poor	NO		42.25257475	-88.34849247	4678700.204	388762.7835
1105	Eastern cottonwood	Populus deltoides	4	Fair	NO		42.25232841	-88.3464764	4678670.221	388928.6602
1106	Siberian elm	Ulmus pumila	5	Fair	YES		42.25258677	-88.34856929	4678701.639	388756.468
1107	Elm spp.	Ulmus spp.	3	Fair	YES		42.25231099	-88.34649165	4678668.307	388927.3719
1108	Siberian elm	Ulmus pumila	14	Good	YES		42.25258414	-88.3485438	4678701.315	388758.5661
1109	Box elder	Acer negundo	3	Fair	NO		42.25228997	-88.34651169	4678665.999	388925.6818
1110	Elm spp.	Ulmus spp.	10	Good	YES		42.25260757	-88.34855727	4678703.934	388757.4958
1111	Eastern cottonwood	Populus deltoides	12	Poor	NO		42.25232085	-88.3465316	4678669.453	388924.0936
1112	Elm spp.	Ulmus spp.	6	Good	YES		42.2525996	-88.34846418	4678702.927	388765.1612
1113	Eastern cottonwood	Populus deltoides	23	Fair	NO	Multistem	42.2523528	-88.34656124	4678673.04	388921.7048
1114	Eastern cottonwood	Populus deltoides	15	Fair	NO	Multistem	42.2523661	-88.34660678	4678674.576	388917.9714
1115	White mulberry	Morus alba	8	Poor	NO		42.2525829	-88.34843215	4678701.03	388767.774
1116	Box elder	Acer negundo	3	Fair	NO		42.25236367	-88.34663091	4678674.338	388915.9764
1117	Elm spp.	Ulmus spp.	3	Fair	YES		42.25236371	-88.34664232	4678674.357	388915.0352
1118	Black walnut	Juglans nigra	18	Good	NO		42.25260677	-88.34848546	4678703.75	388763.4186
1119	Elm spp.	Ulmus spp.	6	Fair	YES		42.25234486	-88.34669257	4678672.33	388910.857
1120	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25229172	-88.3466704	4678666.401	388912.5927
1121	Black walnut	Juglans nigra	9	Fair	NO		42.25260152	-88.34841679	4678703.078	388769.0742
1122	Elm spp.	Ulmus spp.	6	Fair	YES		42.25226384	-88.34666349	4678663.295	388913.1133
1123	Elm spp.	Ulmus spp.	8	Fair	YES		42.25230721	-88.34667511	4678668.127	388912.2309

1124	Black walnut	Juglans nigra	10	Fair	NO	42.25257771	-88.3483633	4678700.365	388773.4447
1125	Unknown		27	Dead	NO	42.25256493	-88.34838134	4678698.969	388771.9339
1126	Black cherry	Prunus serotina	12	Fair	NO	42.2525193	-88.34839048	4678693.915	388771.0998
1127	Red maple	Acer rubrum	10	Fair	NO	42.25232769	-88.34665645	4678670.376	388913.8065
1128	Red cedar	Juniperus virginiana	5	Fair	NO	42.25233505	-88.34663112	4678671.16	388915.9085
1129	White mulberry	Morus alba	14	Good	NO	42.25251148	-88.34834136	4678692.982	388775.1376
1130	American elm	Ulmus americana	6	Fair	YES	42.25234	-88.34661613	4678671.691	388917.1538
1131	Box elder	Acer negundo	10	Poor	NO	42.25250575	-88.34825662	4678692.236	388782.1183
1132	American elm	Ulmus americana	11	Fair	YES	42.25233191	-88.34656212	4678670.722	388921.5952
1133	Black walnut	Juglans nigra	10	Poor	NO	42.25249402	-88.34825333	4678690.928	388782.3691
1134	White pine	Pinus strobus	4	Poor	NO	42.25230493	-88.34653419	4678667.69	388923.8515
1135	White mulberry	Morus alba	9	Poor	NO	42.25249119	-88.34821658	4678690.566	388785.3957
1136	Black walnut	Juglans nigra	13	Fair	NO	42.25248886	-88.34821162	4678690.301	388785.8008
1137	Elm spp.	Ulmus spp.	3	Fair	YES	42.2523029	-88.3465719	4678667.514	388920.7374
1138	Box elder	Acer negundo	5	Fair	NO	42.25226058	-88.34659528	4678662.845	388918.7348
1139	White pine	Pinus strobus	6	Fair	NO	42.25227951	-88.34663175	4678664.995	388915.7595
1140	White mulberry	Morus alba	10	Poor	NO	42.25247711	-88.34817531	4678688.948	388788.7756
1141	Black walnut	Juglans nigra	11	Good	NO	42.25253108	-88.34808885	4678694.828	388796.0019
1142	White mulberry	Morus alba	14	Fair	NO	42.25249895	-88.34807751	4678691.246	388796.8817
1143	Black cherry	Prunus serotina	8	Fair	NO	42.25222252	-88.34664285	4678658.68	388914.7435
1144	Black walnut	Juglans nigra	7	Fair	NO	42.25224301	-88.34659812	4678660.897	388918.4695
1145	Black walnut	Juglans nigra	6	Fair	NO	42.25222502	-88.34657441	4678658.869	388920.3938
1146	Box elder	Acer negundo	24	Poor	NO	42.25258609	-88.34812852	4678700.989	388792.8266
1147	Box elder	Acer negundo	6	Fair	NO	42.25223628	-88.34656281	4678660.105	388921.3706
1148	Unknown		3	Dead	NO	42.25260702	-88.34815497	4678703.347	388790.6815
1149	Black walnut	Juglans nigra	13	Fair	NO	42.2526147	-88.34821016	4678704.272	388786.142
1150	Elm spp.	Ulmus spp.	7	Fair	YES	42.25262366	-88.34826618	4678705.34	388781.5368
1151	Elm spp.	Ulmus spp.	9	Fair	YES	42.25263964	-88.34827446	4678707.125	388780.8815
1152	Black walnut	Juglans nigra	15	Fair	NO	42.25264739	-88.34830726	4678708.028	388778.1899
1153	White pine	Pinus strobus	17	Good	NO	42.25218509	-88.34657797	4678654.44	388920.0296
1154	White mulberry	Morus alba	9	Fair	NO	42.25263059	-88.34833853	4678706.203	388775.5803
1155	Elm spp.	Ulmus spp.	9	Fair	YES	42.25265776	-88.34828417	4678709.15	388780.1125
1156	Red maple	Acer rubrum	9	Fair	NO	42.25205616	-88.34662704	4678640.188	388915.756
1157	Elm spp.	Ulmus spp.	5	Fair	YES	42.25266937	-88.3482013	4678710.33	388786.9689
1158	Unknown		8	Dead	NO	42.25265697	-88.34822023	4678708.979	388785.3856
1159	White pine	Pinus strobus	16	Fair	NO	42.25213368	-88.34648486	4678648.61	388927.6207
1160	Box elder	Acer negundo	6	Fair	NO	42.25220045	-88.34650589	4678656.052	388926.003
1161	Elm spp.	Ulmus spp.	13	Fair	YES	42.25265882	-88.34823658	4678709.205	388784.0404
1162	Box elder	Acer negundo	3	Fair	NO	42.25265337	-88.34813574	4678708.468	388792.3495
1163	Elm spp.	Ulmus spp.	8	Fair	YES	42.25222383	-88.34651885	4678658.665	388924.9752
1164	Box elder	Acer negundo	4	Poor	NO	42.2526507	-88.34813286	4678708.169	388792.5819
1165	American elm	Ulmus americana	3	Fair	YES	42.25226012	-88.34656606	4678662.755	388921.1442
1166	Green ash	Fraxinus pennsylvanica	11	Poor	NO	42.25264472	-88.3481157	4678707.482	388793.9871
1167	White mulberry	Morus alba	8	Fair	NO	42.25263953	-88.3481195	4678706.911	388793.6648
1168	White mulberry	Morus alba	5	Fair	NO	42.25262539	-88.34804869	4678705.248	388799.4807

1169	Unknown		8	Dead	NO		42.25262688	-88.34802196	4678705.378	388801.6883
1170	Box elder	Acer negundo	6	Fair	NO		42.25219239	-88.34647282	4678655.114	388928.7169
1171	Box elder	Acer negundo	3	Fair	NO		42.25219631	-88.34647681	4678655.554	388928.3944
1172	Unknown		22	Dead	NO		42.25259242	-88.34799135	4678701.513	388804.1531
1173	Box elder	Acer negundo	8	Fair	NO	Multistem	42.25219507	-88.34645416	4678655.387	388930.2609
1174	Box elder	Acer negundo	11	Fair	NO	Multistem	42.25221291	-88.34645138	4678657.364	388930.5215
1175	Black walnut	Juglans nigra	23	Good	NO		42.25253084	-88.34788639	4678694.537	388812.7035
1176	Black walnut	Juglans nigra	6	Fair	NO		42.25225651	-88.34644477	4678662.196	388931.1433
1177	Box elder	Acer negundo	8	Fair	NO	Multistem	42.25224007	-88.34644938	4678660.377	388930.7338
1178	Unknown		7	Dead	NO		42.25248903	-88.34800855	4678690.054	388802.5522
1179	Unknown		7	Dead	NO		42.25251109	-88.34799526	4678692.487	388803.6874
1180	American elm	Ulmus americana	12	Fair	YES		42.25224033	-88.34637481	4678660.309	388936.8861
1181	Box elder	Acer negundo	8	Fair	NO	Multistem	42.25220774	-88.34640626	4678656.731	388934.2344
1182	American elm	Ulmus americana	16	Poor	YES	Multistem	42.25210772	-88.34643423	4678645.662	388931.7515
1183	Black walnut	Juglans nigra	7	Fair	NO		42.25207971	-88.34644111	4678642.56	388931.1349
1184	Black walnut	Juglans nigra	10	Fair	NO		42.2520746	-88.34642458	4678641.972	388932.4892
1185	White mulberry	Morus alba	8	Fair	NO	Multistem	42.25210643	-88.34636902	4678645.434	388937.1285
1186	Blue spruce	Picea pungens	3	Fair	NO	Multistem	42.25212328	-88.34634001	4678647.267	388939.5512
1187	Black walnut	Juglans nigra	8	Fair	NO	Multistem	42.25218528	-88.34633688	4678654.147	388939.918
1188	Box elder	Acer negundo	18	Fair	NO	Multistem	42.25221627	-88.34633228	4678657.581	388940.3521
1189	Box elder	Acer negundo	5	Fair	NO		42.25232483	-88.34633312	4678669.637	388940.4735
1190	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25233672	-88.34633477	4678670.959	388940.3584
1191	Eastern cottonwood	Populus deltoides	17	Poor	NO		42.25235446	-88.34639557	4678673.009	388935.3741
1192	Eastern cottonwood	Populus deltoides	13	Poor	NO		42.25233407	-88.34641632	4678670.771	388933.6261
1193	Box elder	Acer negundo	4	Fair	NO		42.25233666	-88.34637684	4678671.007	388936.8875
1194	Black walnut	Juglans nigra	24	Good	NO		42.2526631	-88.3479367	4678709.289	388808.7852
1195	Elm spp.	Ulmus spp.	14	Good	YES		42.25267907	-88.34802129	4678711.172	388801.8352
1196	White mulberry	Morus alba	5	Fair	NO		42.25270061	-88.34798457	4678713.516	388804.9023
1197	Unknown		4	Dead	NO		42.25270734	-88.34799645	4678714.279	388803.9344
1198	Elm spp.	Ulmus spp.	12	Fair	YES		42.25274369	-88.34804309	4678718.377	388800.1506
1199	Elm spp.	Ulmus spp.	4	Fair	YES		42.25271276	-88.34806988	4678714.977	388797.8864
1200	White mulberry	Morus alba	8	Fair	NO		42.25268903	-88.34808709	4678712.365	388796.4254
1201	Elm spp.	Ulmus spp.	13	Fair	YES		42.25270892	-88.34810089	4678714.591	388795.3218
1202	Elm spp.	Ulmus spp.	10	Fair	YES	Multistem	42.25271204	-88.34811808	4678714.959	388793.9091
1203	Elm spp.	Ulmus spp.	11	Fair	YES	Multistem	42.25269228	-88.34816022	4678712.821	388790.3984
1204	White mulberry	Morus alba	5	Poor	NO	Multistem	42.2526816	-88.34817593	4678711.655	388789.0834
1205	Black walnut	Juglans nigra	12	Poor	NO		42.25269488	-88.34818485	4678713.142	388788.3706
1206	Black walnut	Juglans nigra	12	Fair	NO		42.25272379	-88.34817279	4678716.336	388789.4164
1207	Box elder	Acer negundo	14	Poor	NO	Multistem	42.25272826	-88.34816329	4678716.82	388790.208
1208	Box elder	Acer negundo	9	Poor	NO		42.25274415	-88.34821792	4678718.656	388785.7298
1209	Box elder	Acer negundo	6	Poor	NO		42.252686	-88.3482378	4678712.225	388783.9874
1210	Siberian elm	Ulmus pumila	8	Fair	YES		42.25270006	-88.34826504	4678713.822	388781.7654
1211	Elm spp.	Ulmus spp.	17	Good	YES		42.25269687	-88.34829975	4678713.512	388778.8963
1212	Siberian elm	Ulmus pumila	8	Fair	YES		42.25273662	-88.3482803	4678717.901	388780.5701
1213	White mulberry	Morus alba	11	Fair	NO		42.25268784	-88.34834168	4678712.565	388775.4213

1214	Unknown		14	Dead	NO		42.25270009	-88.34834039	4678713.924	388775.5493
1215	Unknown		6	Dead	NO		42.25273694	-88.34836381	4678718.046	388773.6821
1216	Siberian elm	Ulmus pumila	9	Poor	YES		42.25278434	-88.34837033	4678723.317	388773.2274
1217	Box elder	Acer negundo	6	Poor	NO		42.25277191	-88.34837814	4678721.947	388772.5616
1218	Unknown		9	Dead	NO		42.25276236	-88.34840848	4678720.927	388770.0423
1219	Elm spp.	Ulmus spp.	24	Poor	YES		42.25276163	-88.34848163	4678720.941	388764.0067
1220	White mulberry	Morus alba	6	Poor	NO		42.25274267	-88.34847626	4678718.829	388764.416
1221	Unknown		4	Dead	NO		42.25273542	-88.34849604	4678718.049	388762.7718
1222	Elm spp.	Ulmus spp.	10	Good	YES		42.25264701	-88.34855807	4678708.313	388757.4992
1223	White mulberry	Morus alba	9	Poor	NO		42.25264669	-88.34851053	4678708.216	388761.4204
1224	Elm spp.	Ulmus spp.	10	Fair	YES		42.2526089	-88.34860519	4678704.144	388753.5454
1225	Elm spp.	Ulmus spp.	11	Fair	YES		42.2526075	-88.34862272	4678704.011	388752.0965
1226	White mulberry	Morus alba	6	Fair	NO		42.2526195	-88.34862416	4678705.345	388751.9992
1227	Elm spp.	Ulmus spp.	13	Good	YES		42.25259883	-88.34868599	4678703.131	388746.8624
1228	White mulberry	Morus alba	14	Fair	NO		42.25258802	-88.34871467	4678701.968	388744.4778
1229	White mulberry	Morus alba	7	Fair	NO		42.25256386	-88.34873277	4678699.31	388742.9416
1230	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25234321	-88.34632173	4678671.663	388941.4455
1231	White mulberry	Morus alba	13	Poor	NO		42.2526173	-88.34880798	4678705.341	388736.8319
1232	Eastern cottonwood	Populus deltoides	5	Poor	NO		42.25235597	-88.34632791	4678673.088	388940.9578
1233	Unknown		17	Dead	NO		42.25263723	-88.34881304	4678707.561	388736.449
1234	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25236505	-88.34629654	4678674.055	388943.5615
1235	Elm spp.	Ulmus spp.	9	Fair	YES		42.25265779	-88.34874107	4678709.749	388742.4222
1236	Eastern cottonwood	Populus deltoides	20	Fair	NO	Multistem	42.25235146	-88.34631313	4678672.568	388942.1691
1237	Elm spp.	Ulmus spp.	7	Fair	YES		42.25267893	-88.34876853	4678712.133	388740.1943
1238	American elm	Ulmus americana	6	Fair	YES		42.25232262	-88.34630486	4678669.355	388942.8006
1239	Black cherry	Prunus serotina	15	Fair	NO		42.25269983	-88.34875079	4678714.431	388741.6944
1240	American elm	Ulmus americana	7	Fair	YES		42.25229451	-88.34627467	4678666.194	388945.2419
1241	American elm	Ulmus americana	3	Fair	YES		42.25227844	-88.34627423	4678664.409	388945.2497
1242	White mulberry	Morus alba	17	Poor	NO		42.25270479	-88.34876896	4678715.004	388740.2045
1243	Box elder	Acer negundo	6	Fair	NO		42.2522819	-88.34628227	4678664.804	388944.5927
1244	White mulberry	Morus alba	8	Fair	NO		42.2527394	-88.34875249	4678718.826	388741.6234
1245	Box elder	Acer negundo	22	Poor	NO	Multistem	42.2522573	-88.34626084	4678662.044	388946.3177
1246	Elm spp.	Ulmus spp.	12	Fair	YES		42.25274615	-88.3487578	4678719.583	388741.1975
1247	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25223957	-88.34626142	4678660.077	388946.2388
1248	Box elder	Acer negundo	8	Fair	NO	Multistem	42.25222332	-88.34625874	4678658.269	388946.4312
1249	Black cherry	Prunus serotina	10	Fair	NO		42.25276584	-88.34874994	4678721.759	388741.8807
1250	Box elder	Acer negundo	13	Fair	NO	Multistem	42.25222895	-88.34627656	4678658.917	388944.9709
1251	Box elder	Acer negundo	5	Fair	NO		42.25222057	-88.34627361	4678657.982	388945.1996
1252	Box elder	Acer negundo	6	Fair	NO		42.25220795	-88.34623759	4678656.535	388948.1485
1253	Elm spp.	Ulmus spp.	11	Fair	YES		42.25279103	-88.34875859	4678724.567	388741.2113
1254	Box elder	Acer negundo	6	Fair	NO		42.2522146	-88.34622097	4678657.252	388949.5316
1255	Box elder	Acer negundo	3	Fair	NO		42.25222032	-88.34622015	4678657.885	388949.6095
1256	Box elder	Acer negundo	4	Fair	NO		42.25224417	-88.34620175	4678660.51	388951.1689
1257	Box elder	Acer negundo	6	Fair	NO		42.25223871	-88.346201	4678659.902	388951.2212
1258	Box elder	Acer negundo	6	Fair	NO	Multistem	42.25222941	-88.34618439	4678658.848	388952.5746

1259	Box elder	Acer negundo	8	Fair	NO		42.25221833	-88.34615823	4678657.583	388954.7138
1260	Box elder	Acer negundo	5	Fair	NO		42.25221406	-88.34616377	4678657.117	388954.2487
1261	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25220231	-88.34614524	4678655.788	388955.7574
1262	Box elder	Acer negundo	8	Fair	NO	Multistem	42.2522038	-88.34613178	4678655.936	388956.8703
1263	Box elder	Acer negundo	5	Fair	NO		42.25219602	-88.34614481	4678655.089	388955.7812
1264	Box elder	Acer negundo	3	Fair	NO		42.25219731	-88.34613454	4678655.219	388956.6312
1265	Elm spp.	Ulmus spp.	17	Fair	YES		42.25273974	-88.34869345	4678718.787	388746.495
1266	Box elder	Acer negundo	5	Poor	NO		42.25211766	-88.3460998	4678646.329	388959.3573
1267	Black cherry	Prunus serotina	6	Fair	NO		42.25272678	-88.34871511	4678717.377	388744.6853
1268	Box elder	Acer negundo	13	Fair	NO	Multistem	42.25206812	-88.34609462	4678640.822	388959.6973
1269	Box elder	Acer negundo	4	Poor	NO		42.25263934	-88.34872334	4678707.678	388743.8527
1270	Box elder	Acer negundo	4	Fair	NO		42.25207641	-88.34612207	4678641.778	388957.4477
1271	Box elder	Acer negundo	6	Fair	NO	Multistem	42.25205398	-88.34613455	4678639.303	388956.3784
1272	Box elder	Acer negundo	3	Fair	NO		42.25262776	-88.34868581	4678706.343	388746.9277
1273	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25205494	-88.34617541	4678639.464	388953.0099
1274	Elm spp.	Ulmus spp.	15	Good	YES		42.25266368	-88.34864869	4678710.283	388750.0535
1275	Elm spp.	Ulmus spp.	9	Good	YES		42.25268922	-88.34865201	4678713.124	388749.8242
1276	Box elder	Acer negundo	8	Poor	NO		42.25272158	-88.34864939	4678716.712	388750.0976
1277	Elm spp.	Ulmus spp.	4	Fair	YES		42.25199629	-88.34620762	4678632.994	388950.2499
1278	White mulberry	Morus alba	15	Poor	NO	Multistem	42.25274834	-88.34863187	4678719.662	388751.5897
1279	Bigtooth aspen	Populus grandidentata	13	Poor	NO	Multistem	42.25278143	-88.34865077	4678723.36	388750.0883
1280	Box elder	Acer negundo	17	Fair	NO		42.25198789	-88.34614624	4678631.981	388955.2984
1281	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25203269	-88.3461342	4678636.939	388956.3701
1282	Box elder	Acer negundo	5	Fair	NO	Multistem	42.25203071	-88.34611434	4678636.694	388958.0047
1283	Box elder	Acer negundo	14	Fair	NO		42.25204892	-88.34608888	4678638.682	388960.1369
1284	Box elder	Acer negundo	6	Fair	NO		42.2520898	-88.34604688	4678643.167	388963.6739
1285	Box elder	Acer negundo	3	Poor	NO		42.25209634	-88.34603676	4678643.879	388964.52
1286	Box elder	Acer negundo	8	Fair	NO		42.25208556	-88.34601505	4678642.655	388966.2918
1287	Box elder	Acer negundo	7	Fair	NO		42.25210572	-88.34601855	4678644.897	388966.0385
1288	Bigtooth aspen	Populus grandidentata	14	Fair	NO		42.25275955	-88.34854974	4678720.799	388758.3841
1289	Box elder	Acer negundo	6	Fair	NO		42.2520995	-88.34600029	4678644.183	388967.5337
1290	Box elder	Acer negundo	10	Fair	NO		42.25210418	-88.3459947	4678644.695	388968.0033
1291	Box elder	Acer negundo	8	Fair	NO		42.25211645	-88.34598855	4678646.05	388968.5322
1292	Elm spp.	Ulmus spp.	9	Fair	YES		42.2527599	-88.34853603	4678720.82	388759.5162
1293	Elm spp.	Ulmus spp.	11	Fair	YES		42.25218465	-88.34598801	4678653.623	388968.6963
1294	Box elder	Acer negundo	6	Fair	NO		42.25218939	-88.34598109	4678654.14	388969.2757
1295	Box elder	Acer negundo	8	Fair	NO		42.25220323	-88.34598837	4678655.685	388968.6995
1296	Box elder	Acer negundo	3	Fair	NO		42.25220309	-88.34599525	4678655.679	388968.1316
1297	White mulberry	Morus alba	12	Fair	NO	Multistem	42.25263914	-88.34840819	4678707.245	388769.8493
1298	Box elder	Acer negundo	6	Fair	NO		42.25219124	-88.34601162	4678654.384	388966.7598
1299	Box elder	Acer negundo	6	Poor	NO		42.2522023	-88.34601266	4678655.614	388966.6938
1300	Elm spp.	Ulmus spp.	15	Good	YES	Multistem	42.25265751	-88.34837925	4678709.246	388772.2692
1301	Box elder	Acer negundo	3	Fair	NO		42.25221062	-88.34601989	4678656.547	388966.1115
1302	Box elder	Acer negundo	4	Fair	NO		42.25221885	-88.34602721	4678657.47	388965.5228
1303	Elm spp.	Ulmus spp.	9	Fair	YES		42.2522356	-88.34604585	4678659.355	388964.0144

1304	Box elder	Acer negundo	5	Fair	NO	42.25221346	-88.34604693	4678656.898	388963.8861
1305	Box elder	Acer negundo	8	Fair	NO	42.25220088	-88.34604336	4678655.497	388964.1585
1306	Elm spp.	Ulmus spp.	9	Fair	YES	42.25276198	-88.34835707	4678720.817	388774.2823
1307	Box elder	Acer negundo	6	Fair	NO	42.25220447	-88.34604826	4678655.901	388963.7611
1308	Box elder	Acer negundo	6	Fair	NO	42.25218796	-88.34605229	4678654.073	388963.3993
1309	Elm spp.	Ulmus spp.	8	Fair	YES	42.25219451	-88.34606689	4678654.82	388962.2068
1310	White mulberry	Morus alba	10	Fair	NO	42.25278165	-88.34827123	4678722.889	388781.3977
1311	Box elder	Acer negundo	4	Fair	NO	42.2521817	-88.34609435	4678653.433	388959.9185
1312	Unknown		10	Dead	NO	42.25277504	-88.34824397	4678722.12	388783.635
1313	Box elder	Acer negundo	3	Fair	NO	42.25219322	-88.3461378	4678654.768	388956.3545
1314	Box elder	Acer negundo	4	Fair	NO	42.25220294	-88.34612106	4678655.826	388957.7528
1315	Box elder	Acer negundo	4	Fair	NO	42.2522069	-88.3461251	4678656.272	388957.4265
1316	Box elder	Acer negundo	5	Fair	NO	42.25223645	-88.34615405	4678659.59	388955.0905
1317	Elm spp.	Ulmus spp.	15	Good	YES	42.25279992	-88.34819835	4678724.823	388787.4421
1318	Box elder	Acer negundo	3	Fair	NO	42.25224224	-88.34615932	4678660.24	388954.6656
1319	Box elder	Acer negundo	6	Fair	NO	42.25224468	-88.34614801	4678660.496	388955.6026
1320	White mulberry	Morus alba	10	Poor	NO	42.25278527	-88.34821192	4678723.214	388786.2971
1321	Box elder	Acer negundo	6	Fair	NO	42.25224669	-88.34614437	4678660.715	388955.9065
1322	Box elder	Acer negundo	8	Fair	NO	42.25224602	-88.3461408	4678660.636	388956.1996
1323	Elm spp.	Ulmus spp.	9	Poor	YES	42.25277519	-88.34818985	4678722.066	388788.0997
1324	Box elder	Acer negundo	6	Fair	NO	42.25225155	-88.34613594	4678661.243	388956.6109
1325	Box elder	Acer negundo	3	Fair	NO	42.25227376	-88.34617125	4678663.755	388953.7368
1326	Elm spp.	Ulmus spp.	7	Fair	YES	42.25228851	-88.34620536	4678665.437	388950.9484
1327	Elm spp.	Ulmus spp.	7	Fair	YES	42.25280392	-88.34812774	4678725.175	388793.274
1328	Elm spp.	Ulmus spp.	7	Fair	YES	42.25283212	-88.34812622	4678728.304	388793.4483
1329	Eastern cottonwood	Populus deltoides	20	Fair	NO	42.2522615	-88.34618598	4678662.413	388952.5
1330	Elm spp.	Ulmus spp.	3	Fair	YES	42.25228267	-88.34622249	4678664.812	388949.5255
1331	Elm spp.	Ulmus spp.	8	Fair	YES	42.2528231	-88.34805679	4678727.211	388799.1603
1332	Elm spp.	Ulmus spp.	10	Fair	YES	42.25281711	-88.34802571	4678726.506	388801.7134
1333	Elm spp.	Ulmus spp.	13	Poor	YES	42.25280906	-88.3479928	4678725.57	388804.414
1334	Elm spp.	Ulmus spp.	13	Good	YES	42.2527865	-88.34800608	4678723.081	388803.279
1335	Eastern cottonwood	Populus deltoides	8	Fair	NO	42.25240771	-88.3462721	4678678.76	388945.6525
1336	Elm spp.	Ulmus spp.	11	Fair	YES	42.25277799	-88.34801156	4678722.144	388802.8123
1337	Eastern cottonwood	Populus deltoides	18	Fair	NO	42.25231942	-88.34621653	4678668.885	388950.0813
1338	Elm spp.	Ulmus spp.	8	Fair	YES	42.25277723	-88.34810143	4678722.177	388795.3969
1339	Box elder	Acer negundo	6	Poor	NO	42.25276431	-88.34810511	4678720.747	388795.0709
1340	Elm spp.	Ulmus spp.	3	Fair	YES	42.25231018	-88.34619165	4678667.826	388952.1182
1341	Elm spp.	Ulmus spp.	8	Fair	YES	42.25275668	-88.34810082	4678719.894	388795.4114
1342	Eastern cottonwood	Populus deltoides	26	Fair	NO	42.25234516	-88.34617888	4678671.693	388953.2323
1343	Box elder	Acer negundo	3	Poor	NO	42.25276654	-88.34816807	4678721.077	388789.8809
1344	Elm spp.	Ulmus spp.	4	Fair	YES	42.25232006	-88.34612777	4678668.84	388957.405
1345	Box elder	Acer negundo	4	Fair	NO	42.25228185	-88.34608932	4678664.547	388960.5098
1346	Box elder	Acer negundo	4	Fair	NO	42.25227159	-88.34608145	4678663.397	388961.1408
1347	Box elder	Acer negundo	5	Fair	NO	42.25226812	-88.34608671	4678663.019	388960.7008
1348	Elm spp.	Ulmus spp.	9	Fair	YES	42.25226161	-88.34609244	4678662.303	388960.2166

1349	Box elder	Acer negundo	5	Fair	NO		42.25225162	-88.34607354	4678661.17	388961.7579
1350	Box elder	Acer negundo	7	Fair	NO	Multistem	42.25225174	-88.34605028	4678661.152	388963.6773
1351	Box elder	Acer negundo	5	Fair	NO		42.25226311	-88.34604588	4678662.41	388964.0597
1352	Box elder	Acer negundo	6	Fair	NO		42.25228078	-88.3460474	4678664.373	388963.9654
1353	Box elder	Acer negundo	5	Fair	NO		42.25228899	-88.34601944	4678665.249	388966.2865
1354	Box elder	Acer negundo	7	Fair	NO		42.25227576	-88.34602205	4678663.783	388966.0481
1355	Box elder	Acer negundo	4	Fair	NO		42.25226639	-88.34603514	4678662.759	388964.9522
1356	Box elder	Acer negundo	4	Fair	NO		42.25225616	-88.34602351	4678661.608	388965.8934
1357	Box elder	Acer negundo	4	Fair	NO		42.25225628	-88.34601341	4678661.609	388966.7266
1358	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25334151	-88.34753507	4678784.094	388843.108
1359	Box elder	Acer negundo	5	Fair	NO		42.25225299	-88.34599798	4678661.224	388967.9934
1360	Box elder	Acer negundo	6	Fair	NO		42.25224511	-88.34598874	4678660.336	388968.7423
1361	Box elder	Acer negundo	4	Poor	NO		42.25225482	-88.3459869	4678661.413	388968.9106
1362	White mulberry	Morus alba	10	Fair	NO	Multistem	42.25334423	-88.3475318	4678784.391	388843.3821
1363	Elm spp.	Ulmus spp.	5	Fair	YES		42.25226167	-88.34596245	4678662.141	388970.9398
1364	Box elder	Acer negundo	7	Fair	NO		42.2522393	-88.3459534	4678659.645	388971.647
1365	Box elder	Acer negundo	4	Fair	NO		42.25223238	-88.3459499	4678658.872	388971.9233
1366	Box elder	Acer negundo	5	Fair	NO		42.25222382	-88.34593664	4678657.904	388973.0023
1367	Box elder	Acer negundo	3	Fair	NO		42.25220837	-88.3459409	4678656.195	388972.6241
1368	Box elder	Acer negundo	5	Fair	NO		42.2522062	-88.34592546	4678655.934	388973.894
1369	Box elder	Acer negundo	3	Fair	NO		42.25219762	-88.34594048	4678655	388972.6398
1370	Box elder	Acer negundo	6	Fair	NO		42.25219503	-88.34595579	4678654.732	388971.372
1371	Box elder	Acer negundo	6	Poor	NO		42.25218924	-88.34593657	4678654.064	388972.9481
1372	Box elder	Acer negundo	8	Fair	NO		42.2521045	-88.34594756	4678644.669	388971.8925
1373	Box elder	Acer negundo	6	Fair	NO		42.25208734	-88.34595481	4678642.774	388971.2646
1374	Box elder	Acer negundo	8	Fair	NO		42.25207871	-88.34597567	4678641.843	388969.5283
1375	Bigtooth aspen	Populus grandidentata	12	Good	NO		42.25340721	-88.34751391	4678791.361	388844.9684
1376	Bigtooth aspen	Populus grandidentata	8	Good	NO		42.25339858	-88.34750095	4678790.386	388846.0228
1377	Box elder	Acer negundo	9	Fair	NO		42.25204947	-88.34599024	4678638.615	388968.275
1378	Elm spp.	Ulmus spp.	6	Good	YES		42.25335745	-88.34753194	4678785.86	388843.394
1379	Box elder	Acer negundo	19	Fair	NO	Multistem	42.25197711	-88.3459797	4678630.567	388969.0178
1380	Elm spp.	Ulmus spp.	3	Fair	YES		42.25336114	-88.3475286	4678786.264	388843.6758
1381	Box elder	Acer negundo	5	Fair	NO		42.25198102	-88.34595581	4678630.969	388970.9952
1382	Box elder	Acer negundo	5	Fair	NO	Multistem	42.25199206	-88.34593821	4678632.173	388972.4668
1383	Bigtooth aspen	Populus grandidentata	5	Dead	NO		42.25339137	-88.34750337	4678789.589	388845.8101
1384	Siberian elm	Ulmus pumila	5	Fair	YES		42.25196696	-88.34593644	4678629.383	388972.5681
1385	Box elder	Acer negundo	5	Poor	NO		42.25332702	-88.34749684	4678782.435	388846.2362
1386	American elm	Ulmus americana	12	Fair	YES		42.2519869	-88.34593066	4678631.59	388973.08
1387	Eastern cottonwood	Populus deltoides	18	Fair	NO		42.25332419	-88.34748247	4678782.101	388847.4166
1388	American elm	Ulmus americana	17	Fair	YES	Multistem	42.25200785	-88.34595417	4678633.946	388971.1779
1389	Box elder	Acer negundo	10	Fair	NO	Multistem	42.25202126	-88.34596891	4678635.455	388969.9856
1390	Elm spp.	Ulmus spp.	7	Fair	YES		42.25205205	-88.34594969	4678638.849	388971.6244
1391	Box elder	Acer negundo	5	Fair	NO		42.25206199	-88.34593112	4678639.928	388973.1744
1392	Elm spp.	Ulmus spp.	7	Fair	YES		42.2520727	-88.34592288	4678641.106	388973.8729
1393	Elm spp.	Ulmus spp.	7	Fair	YES		42.25335072	-88.34746939	4678785.031	388848.5419

1394	Box elder	Acer negundo	5	Fair	NO		42.25208087	-88.34589949	4678641.983	388975.8165
1395	Box elder	Acer negundo	5	Fair	NO		42.25209513	-88.34590207	4678643.57	388975.6284
1396	Box elder	Acer negundo	4	Poor	NO		42.25337763	-88.34750214	4678788.061	388845.8878
1397	American elm	Ulmus americana	5	Fair	YES		42.2521013	-88.34587872	4678644.225	388977.5658
1398	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25209022	-88.34582773	4678642.928	388981.7526
1399	Elm spp.	Ulmus spp.	9	Fair	YES		42.25203981	-88.34579798	4678637.292	388984.1183
1400	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25334748	-88.34744221	4678784.635	388850.7783
1401	Elm spp.	Ulmus spp.	10	Fair	YES		42.25201618	-88.34583365	4678634.715	388981.1339
1402	Eastern cottonwood	Populus deltoides	11	Fair	NO		42.25334771	-88.3474231	4678784.636	388852.3553
1403	Box elder	Acer negundo	5	Fair	NO		42.25208256	-88.34574545	4678641.971	388988.5266
1404	Box elder	Acer negundo	3	Fair	NO		42.25208178	-88.34575	4678641.89	388988.1495
1405	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25335602	-88.34741599	4678785.549	388852.9562
1406	Box elder	Acer negundo	6	Fair	NO	Multistem	42.25207744	-88.34574232	4678641.397	388988.7755
1407	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25337977	-88.34741627	4678788.186	388852.9752
1408	Box elder	Acer negundo	6	Fair	NO		42.25208325	-88.34575008	4678642.053	388988.146
1409	Box elder	Acer negundo	8	Fair	NO		42.25208102	-88.34575948	4678641.817	388987.3668
1410	Box elder	Acer negundo	5	Fair	NO		42.25210452	-88.34578566	4678644.461	388985.2481
1411	Box elder	Acer negundo	5	Fair	NO		42.25212194	-88.34581839	4678646.438	388982.5786
1412	Siberian elm	Ulmus pumila	8	Fair	YES		42.25339452	-88.34746277	4678789.886	388849.1651
1413	Unknown		4	Dead	NO		42.25341448	-88.34748492	4678792.131	388847.3731
1414	Elm spp.	Ulmus spp.	6	Poor	YES		42.25212541	-88.34575808	4678646.744	388987.5595
1415	Black cherry	Prunus serotina	9	Fair	NO		42.25222043	-88.34570718	4678657.229	388991.9255
1416	Eastern cottonwood	Populus deltoides	3	Fair	NO		42.25335956	-88.34740024	4678785.922	388854.2614
1417	Box elder	Acer negundo	4	Fair	NO	Multistem	42.25222081	-88.34576646	4678657.348	388987.0359
1418	Elm spp.	Ulmus spp.	8	Fair	YES		42.25335313	-88.34740581	4678785.215	388853.7914
1419	Red cedar	Juniperus virginiana	6	Poor	NO		42.25225896	-88.34577875	4678661.601	388986.0887
1420	Box elder	Acer negundo	3	Fair	NO		42.25222076	-88.34579079	4678657.375	388985.0283
1421	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25333084	-88.34742831	4678782.77	388851.8961
1422	Box elder	Acer negundo	4	Fair	NO		42.25221637	-88.34582348	4678656.93	388982.3243
1423	Box elder	Acer negundo	5	Fair	NO		42.25222432	-88.34582704	4678657.817	388982.0449
1424	Box elder	Acer negundo	4	Fair	NO		42.25223345	-88.34582621	4678658.83	388982.1287
1425	Box elder	Acer negundo	5	Fair	NO		42.25223572	-88.34584592	4678659.107	388980.5072
1426	Box elder	Acer negundo	7	Fair	NO		42.25220048	-88.3458692	4678655.225	388978.525
1427	Box elder	Acer negundo	3	Poor	NO		42.25221008	-88.34589836	4678656.329	388976.1365
1428	Box elder	Acer negundo	3	Poor	NO		42.25220138	-88.34592851	4678655.402	388973.6335
1429	Box elder	Acer negundo	5	Fair	NO		42.25219116	-88.34593008	4678654.269	388973.4861
1430	Unknown		4	Dead	NO		42.25333609	-88.34740119	4678783.317	388854.1418
1431	Box elder	Acer negundo	6	Fair	NO		42.25219306	-88.34592609	4678654.475	388973.8188
1432	Eastern cottonwood	Populus deltoides	11	Good	NO		42.2533354	-88.34738031	4678785.278	388855.8958
1433	Box elder	Acer negundo	7	Fair	NO		42.25221454	-88.34592403	4678656.858	388974.0266
1434	Box elder	Acer negundo	5	Fair	NO		42.25221515	-88.34593226	4678656.936	388973.3489
1435	Box elder	Acer negundo	4	Poor	NO		42.25334127	-88.34736286	4678783.842	388857.3129
1436	Box elder	Acer negundo	4	Fair	NO		42.2522779	-88.34594798	4678663.924	388972.1621
1437	Box elder	Acer negundo	4	Fair	NO		42.25229482	-88.34592418	4678665.771	388974.155
1438	Elm spp.	Ulmus spp.	3	Fair	YES		42.25333525	-88.34733157	4678783.133	388859.884

1439	Box elder	Acer negundo	6	Fair	NO		42.25228931	-88.34591323	4678665.146	388975.0484
1440	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25334626	-88.34732663	4678784.349	388860.3107
1441	Box elder	Acer negundo	5	Fair	NO	Multistem	42.25230001	-88.34588396	4678666.295	388977.4823
1442	Box elder	Acer negundo	3	Fair	NO		42.25230179	-88.34586563	4678666.47	388978.9967
1443	Elm spp.	Ulmus spp.	4	Fair	YES		42.25336837	-88.34734978	4678786.835	388858.4397
1444	Elm spp.	Ulmus spp.	5	Fair	YES		42.25230382	-88.34586392	4678666.693	388979.1418
1445	Elm spp.	Ulmus spp.	7	Fair	YES		42.25337991	-88.34732128	4678788.078	388860.811
1446	Elm spp.	Ulmus spp.	5	Fair	YES		42.25229059	-88.3458699	4678665.232	388978.625
1447	Box elder	Acer negundo	6	Fair	NO		42.25227866	-88.34588526	4678663.927	388977.3373
1448	Box elder	Acer negundo	4	Fair	NO		42.25225984	-88.34589378	4678661.848	388976.6015
1449	White mulberry	Morus alba	3	Fair	NO		42.25340325	-88.3473411	4678790.695	388859.2169
1450	Box elder	Acer negundo	3	Fair	NO		42.25225819	-88.3459042	4678661.678	388975.7392
1451	Box elder	Acer negundo	3	Poor	NO		42.25342684	-88.34736516	4678793.346	388857.2736
1452	Eastern cottonwood	Populus deltoides	3	Fair	NO		42.25226567	-88.34570801	4678662.253	388991.9357
1453	Willow spp.	Salix spp.	14	Poor	NO	Multistem	42.25341464	-88.34740933	4678792.049	388853.6086
1454	Black walnut	Juglans nigra	3	Fair	NO		42.25227851	-88.34572564	4678663.702	388990.5042
1455	Box elder	Acer negundo	3	Fair	NO		42.25232211	-88.34577278	4678668.605	388986.6923
1456	Box elder	Acer negundo	4	Fair	NO	Multistem	42.25232931	-88.34578576	4678669.421	388985.6343
1457	Willow spp.	Salix spp.	17	Poor	NO	Multistem	42.25341774	-88.34735628	4678792.324	388857.9901
1458	Eastern cottonwood	Populus deltoides	5	Poor	NO		42.25235485	-88.34578583	4678672.257	388985.6731
1459	Elm spp.	Ulmus spp.	3	Fair	YES		42.25334601	-88.34723387	4678784.2	388867.9619
1460	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25235005	-88.34576039	4678671.69	388987.7633
1461	Eastern cottonwood	Populus deltoides	17	Poor	NO	Multistem	42.25237769	-88.34575232	4678674.75	388988.4777
1462	Siberian crabapple	Malus baccata	5	Fair	NO	Multistem	42.25237938	-88.34572616	4678674.903	388990.6384
1463	Elm spp.	Ulmus spp.	7	Fair	YES		42.25235925	-88.34572242	4678672.663	388990.9115
1464	Eastern cottonwood	Populus deltoides	5	Poor	NO	Multistem	42.25235009	-88.34573237	4678671.659	388990.0745
1465	Elm spp.	Ulmus spp.	6	Poor	YES		42.25235702	-88.34567843	4678672.358	388994.536
1466	Unknown		7	Dead	NO	Multistem	42.25238795	-88.34567812	4678675.792	388994.6164
1467	Eastern cottonwood	Populus deltoides	19	Fair	NO		42.2524089	-88.34567972	4678678.121	388994.521
1468	Elm spp.	Ulmus spp.	4	Poor	YES		42.25241363	-88.34563629	4678678.589	388998.1116
1469	Box elder	Acer negundo	3	Poor	NO		42.25247277	-88.34553596	4678685.025	389006.4917
1470	Box elder	Acer negundo	5	Fair	NO		42.25245605	-88.34555314	4678683.191	389005.0452
1471	Elm spp.	Ulmus spp.	9	Fair	YES		42.25240793	-88.34554333	4678677.834	389005.7707
1472	Elm spp.	Ulmus spp.	16	Fair	YES		42.25385902	-88.34702657	4678840.893	388885.9628
1473	Box elder	Acer negundo	6	Fair	NO	Multistem	42.25242866	-88.34551951	4678680.105	389007.7721
1474	Elm spp.	Ulmus spp.	10	Poor	YES		42.25241676	-88.34551078	4678678.773	389008.4709
1475	Elm spp.	Ulmus spp.	9	Poor	YES		42.25241327	-88.34550178	4678678.374	389009.2075
1476	Elm spp.	Ulmus spp.	6	Poor	YES		42.25240974	-88.34553642	4678678.027	389006.3432
1477	Box elder	Acer negundo	11	Fair	NO	Multistem	42.25237281	-88.34555491	4678673.95	389004.7536
1478	Box elder	Acer negundo	4	Fair	NO		42.25227762	-88.34559362	4678663.431	389001.3935
1479	Elm spp.	Ulmus spp.	6	Fair	YES		42.25214458	-88.34556908	4678648.627	389003.1841
1480	White mulberry	Morus alba	25	Poor	NO		42.25331452	-88.34728713	4678780.773	388863.513
1481	Box elder	Acer negundo	3	Poor	NO		42.25208332	-88.34566116	4678641.945	388995.4811
1482	Box elder	Acer negundo	5	Fair	NO		42.25206678	-88.34570626	4678640.167	388991.7313
1483	Box elder	Acer negundo	5	Fair	NO		42.25206353	-88.34571426	4678639.816	388991.0664

1484	Unknown		7	Dead	NO		42.2520256	-88.34564598	4678635.516	388996.6321
1485	Box elder	Acer negundo	18	Fair	NO	Multistem	42.25198815	-88.3456857	4678631.409	388993.29
1486	Elm spp.	Ulmus spp.	6	Fair	YES		42.25338775	-88.34723902	4678788.842	388867.6107
1487	Elm spp.	Ulmus spp.	4	Fair	YES		42.25204514	-88.34562775	4678637.662	388998.1704
1488	Box elder	Acer negundo	6	Fair	NO		42.25207843	-88.34556689	4678641.279	389003.2487
1489	Red cedar	Juniperus virginiana	5	Fair	NO		42.25217007	-88.34554369	4678651.424	389005.3239
1490	Elm spp.	Ulmus spp.	5	Fair	YES		42.25341262	-88.34720728	4678791.562	388870.2722
1491	Elm spp.	Ulmus spp.	3	Fair	YES		42.25219824	-88.34555059	4678654.561	389004.8036
1492	Black cherry	Prunus serotina	8	Fair	NO		42.2522146	-88.34552966	4678656.35	389006.5593
1493	Siberian crabapple	Malus baccata	4	Fair	NO		42.25223573	-88.34553522	4678658.704	389006.1374
1494	Elm spp.	Ulmus spp.	6	Fair	YES		42.25222469	-88.34550479	4678657.438	389008.6286
1495	Red cedar	Juniperus virginiana	6	Fair	NO		42.25223746	-88.34549381	4678658.842	389009.5561
1496	Box elder	Acer negundo	5	Fair	NO		42.252253	-88.34554875	4678660.64	389005.0519
1497	Box elder	Acer negundo	5	Fair	NO		42.25226245	-88.34556238	4678661.706	389003.9442
1498	Box elder	Acer negundo	3	Fair	NO		42.2534223	-88.34725758	4678792.702	388866.1398
1499	Box elder	Acer negundo	5	Fair	NO		42.25227071	-88.34555414	4678662.613	389004.6378
1500	Box elder	Acer negundo	6	Fair	NO		42.25227121	-88.34553309	4678662.641	389006.3755
1501	Elm spp.	Ulmus spp.	4	Fair	YES	Multistem	42.25343944	-88.3472335	4678794.574	388868.1563
1502	Box elder	Acer negundo	4	Fair	NO		42.25228052	-88.34549722	4678663.628	389009.3505
1503	Box elder	Acer negundo	5	Fair	NO		42.25229769	-88.34549285	4678665.528	389009.7411
1504	White mulberry	Morus alba	8	Good	NO		42.25344993	-88.34719582	4678795.689	388871.2833
1505	Box elder	Acer negundo	6	Fair	NO		42.25230868	-88.34549133	4678666.747	389009.8863
1506	Box elder	Acer negundo	5	Fair	NO		42.25231087	-88.34550027	4678667.002	389009.1525
1507	Elm spp.	Ulmus spp.	9	Fair	YES	Multistem	42.25347975	-88.34721727	4678799.028	388869.566
1508	Elm spp.	Ulmus spp.	6	Fair	YES		42.25234465	-88.34547656	4678670.721	389011.1674
1509	Box elder	Acer negundo	3	Poor	NO		42.25235349	-88.34548398	4678671.713	389010.571
1510	Elm spp.	Ulmus spp.	6	Fair	YES		42.25235107	-88.34551141	4678671.48	389008.3041
1511	Box elder	Acer negundo	11	Poor	NO	Multistem	42.25235236	-88.34554088	4678671.662	389005.8752
1512	Willow spp.	Salix spp.	12	Fair	NO	Multistem	42.25349172	-88.34720658	4678800.344	388870.4687
1513	Siberian crabapple	Malus baccata	6	Fair	NO		42.25236301	-88.34549186	4678672.78	389009.9378
1514	Elm spp.	Ulmus spp.	3	Poor	YES		42.25350783	-88.34718799	4678802.109	388872.0308
1515	White mulberry	Morus alba	13	Fair	NO		42.25351296	-88.34719836	4678802.691	388871.1841
1516	Elm spp.	Ulmus spp.	4	Fair	YES		42.25210863	-88.34547035	4678644.506	389011.2655
1517	Elm spp.	Ulmus spp.	12	Fair	YES		42.25209727	-88.34546738	4678643.241	389011.4909
1518	Green ash	Fraxinus pennsylvanica	11	Poor	NO	Multistem	42.2533827	-88.34715614	4678788.172	388874.438
1519	Box elder	Acer negundo	7	Poor	NO		42.25208211	-88.34544537	4678641.529	389013.2795
1520	Elm spp.	Ulmus spp.	8	Fair	YES	Multistem	42.252035	-88.34541353	4678636.257	389015.8243
1521	American elm	Ulmus americana	10	Fair	YES		42.25204368	-88.34537033	4678637.165	389019.403
1522	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25332309	-88.34720081	4678781.612	388870.6488
1523	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25333175	-88.347163	4678782.525	388873.7826
1524	Elm spp.	Ulmus spp.	4	Fair	YES	Multistem	42.25201406	-88.34536515	4678633.869	389019.778
1525	Box elder	Acer negundo	4	Fair	NO		42.25200736	-88.34535488	4678633.112	389020.6132
1526	Elm spp.	Ulmus spp.	4	Fair	YES		42.25336625	-88.34709758	4678786.27	388879.2403
1527	Elm spp.	Ulmus spp.	4	Fair	YES		42.25338007	-88.34708695	4678787.79	388880.1415
1528	Black walnut	Juglans nigra	6	Fair	NO		42.25201084	-88.34533968	4678633.478	389021.8734

1529	Unknown		6	Dead	NO	Multistem	42.25336068	-88.34708299	4678785.632	388880.4339
1530	Elm spp.	Ulmus spp.	11	Good	YES		42.25334947	-88.34708943	4678784.395	388879.8833
1531	White mulberry	Morus alba	8	Fair	NO		42.25205234	-88.34524411	4678637.962	389029.8301
1532	Eastern cottonwood	Populus deltoides	13	Good	NO		42.25334077	-88.34708676	4678783.426	388880.0875
1533	Unknown		36	Dead	NO		42.25204481	-88.34529207	4678637.188	389025.8604
1534	Elm spp.	Ulmus spp.	9	Fair	YES		42.25203812	-88.34531405	4678636.474	389024.036
1535	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25321038	-88.34705964	4678768.913	388882.096
1536	Black cherry	Prunus serotina	12	Fair	NO		42.2520805	-88.34528198	4678641.137	389026.7557
1537	Eastern cottonwood	Populus deltoides	11	Good	NO		42.25320257	-88.34707388	4678768.064	388880.9074
1538	White mulberry	Morus alba	4	Fair	NO		42.25320588	-88.34708708	4678768.449	388879.825
1539	Elm spp.	Ulmus spp.	10	Fair	YES		42.25209809	-88.34518256	4678642.961	389034.9879
1540	Box elder	Acer negundo	10	Fair	NO		42.25210967	-88.34521558	4678644.29	389032.2837
1541	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25319753	-88.34709905	4678767.538	388878.8227
1542	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25320818	-88.34711118	4678768.737	388877.7894
1543	American elm	Ulmus americana	31	Fair	YES		42.2521396	-88.34526163	4678647.673	389028.5378
1544	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25320068	-88.34706234	4678767.84	388881.856
1545	Unknown		8	Dead	NO		42.25213647	-88.34528735	4678647.359	389026.4106
1546	Eastern cottonwood	Populus deltoides	19	Good	NO		42.25318693	-88.34705414	4678766.302	388882.509
1547	Black cherry	Prunus serotina	22	Poor	NO		42.25213561	-88.34530256	4678647.283	389025.1541
1548	Eastern cottonwood	Populus deltoides	13	Good	NO		42.25318201	-88.34703923	4678765.736	388883.73
1549	Black cherry	Prunus serotina	25	Poor	NO		42.25216534	-88.34530032	4678650.582	389025.391
1550	Unknown		12	Dead	NO		42.25213866	-88.34533323	4678647.662	389022.6296
1551	Box elder	Acer negundo	13	Fair	NO		42.25212904	-88.34536034	4678646.63	389020.3767
1552	Box elder	Acer negundo	6	Poor	NO		42.25211158	-88.34535294	4678644.681	389020.9564
1553	Eastern cottonwood	Populus deltoides	5	Fair	NO		42.2531793	-88.34701066	4678765.398	388886.0822
1554	Elm spp.	Ulmus spp.	4	Poor	YES		42.25209722	-88.34532391	4678643.049	389023.3256
1555	Eastern cottonwood	Populus deltoides	9	Fair	NO		42.2532044	-88.34701909	4678768.197	388885.431
1556	Elm spp.	Ulmus spp.	5	Fair	YES		42.25216885	-88.34537034	4678651.063	389019.6215
1557	Elm spp.	Ulmus spp.	5	Fair	YES		42.25216237	-88.3454067	4678650.391	389016.6109
1558	Elm spp.	Ulmus spp.	6	Fair	YES		42.25217092	-88.34541749	4678651.355	389015.7355
1559	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25316565	-88.3470061	4678763.877	388886.4343
1560	Elm spp.	Ulmus spp.	4	Fair	YES		42.25214998	-88.34542944	4678649.045	389014.7134
1561	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.2531636	-88.34702161	4678763.669	388885.1508
1562	Elm spp.	Ulmus spp.	6	Fair	YES		42.25213966	-88.34543634	4678647.908	389014.126
1563	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25315063	-88.34700204	4678762.204	388886.7424
1564	Elm spp.	Ulmus spp.	4	Poor	YES		42.25217741	-88.34544537	4678652.111	389013.4474
1565	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25315929	-88.34700141	4678763.164	388886.8096
1566	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25315614	-88.34695268	4678762.751	388890.824
1567	Black walnut	Juglans nigra	10	Fair	NO		42.25218515	-88.34540805	4678652.922	389016.5391
1568	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25312789	-88.34695394	4678759.616	388890.6709
1569	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25313063	-88.34694871	4678759.913	388891.1065
1570	Eastern cottonwood	Populus deltoides	18	Good	NO		42.25314508	-88.34694743	4678761.516	388891.2381
1571	Eastern cottonwood	Populus deltoides	11	Fair	NO		42.25318031	-88.34692151	4678765.394	388893.438
1572	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25317305	-88.34690696	4678764.569	388894.6252
1573	Black walnut	Juglans nigra	30	Poor	NO		42.25222027	-88.34530431	4678656.686	389025.1586

1574	Eastern cottonwood	Populus deltoides	10	Fair	NO	42.25316944	-88.34689988	4678764.159	388895.2029	
1575	American elm	Ulmus americana	8	Poor	YES	42.25223709	-88.34529904	4678658.547	389025.6226	
1576	Box elder	Acer negundo	12	Fair	NO	42.25224627	-88.34528943	4678659.553	389026.4317	
1577	Eastern cottonwood	Populus deltoides	16	Good	NO	42.25315137	-88.3469163	4678762.174	388893.8169	
1578	Eastern cottonwood	Populus deltoides	7	Fair	NO	42.25313646	-88.34691613	4678760.518	388893.8048	
1579	Eastern cottonwood	Populus deltoides	7	Fair	NO	42.25313227	-88.34692265	4678760.061	388893.2592	
1580	Box elder	Acer negundo	14	Dead	NO	42.25228586	-88.34526294	4678663.915	389028.6862	
1581	Eastern cottonwood	Populus deltoides	4	Fair	NO	42.25312306	-88.34691236	4678759.025	388894.0924	
1582	Black cherry	Prunus serotina	22	Fair	NO	42.25226752	-88.3452966	4678661.923	389025.8776	
1583	Elm spp.	Ulmus spp.	7	Fair	YES	42.25311773	-88.34686551	4678758.372	388897.9471	
1584	Box elder	Acer negundo	10	Poor	NO	42.25223318	-88.34524397	4678658.042	389030.1584	
1585	Eastern cottonwood	Populus deltoides	23	Fair	NO	Multistem	42.25316919	-88.34686544	4678764.086	388898.0433
1586	Box elder	Acer negundo	10	Dead	NO	42.25222146	-88.34525667	4678656.757	389029.0902	
1587	Eastern cottonwood	Populus deltoides	4	Fair	NO	42.25315833	-88.34685072	4678762.861	388899.2383	
1588	Box elder	Acer negundo	32	Poor	NO	42.25219894	-88.34522893	4678654.22	389031.339	
1589	Elm spp.	Ulmus spp.	7	Fair	YES	42.2531462	-88.34672039	4678761.344	388909.9683	
1590	Box elder	Acer negundo	6	Dead	NO	42.25220103	-88.34521085	4678654.428	389032.8345	
1591	Box elder	Acer negundo	5	Poor	NO	42.25315119	-88.34669215	4678761.862	388912.3063	
1592	Box elder	Acer negundo	8	Fair	NO	42.25223572	-88.34520756	4678658.276	389033.1669	
1593	Elm spp.	Ulmus spp.	15	Poor	YES	42.2522186	-88.34520439	4678656.37	389033.3979	
1594	Siberian elm	Ulmus pumila	5	Fair	YES	42.25313669	-88.34664459	4678760.19	388916.2047	
1595	Box elder	Acer negundo	8	Poor	NO	42.2523035	-88.3452259	4678665.826	389031.773	
1596	Box elder	Acer negundo	12	Fair	NO	42.25228149	-88.34522392	4678663.38	389031.8973	
1597	Box elder	Acer negundo	8	Dead	NO	42.2522919	-88.345242	4678664.559	389030.4239	
1598	Box elder	Acer negundo	23	Poor	NO	Multistem	42.25235553	-88.34519658	4678671.565	389034.2824
1599	Box elder	Acer negundo	12	Poor	NO	Multistem	42.25237749	-88.34518929	4678673.994	389034.922
1600	Elm spp.	Ulmus spp.	5	Fair	YES	42.25359988	-88.34712506	4678812.248	388877.3837	
1601	Black walnut	Juglans nigra	10	Fair	NO	42.25237798	-88.34522081	4678674.089	389032.3228	
1602	Elm spp.	Ulmus spp.	12	Fair	YES	42.25363605	-88.3470699	4678816.191	388881.9974	
1603	Elm spp.	Ulmus spp.	3	Fair	YES	42.25362892	-88.34711479	4678815.458	388878.2815	
1604	Box elder	Acer negundo	8	Fair	NO	42.25236294	-88.34529636	4678672.518	389026.0647	
1605	Box elder	Acer negundo	10	Fair	NO	Multistem	42.25237939	-88.34532397	4678674.38	389023.8153
1606	Box elder	Acer negundo	5	Fair	NO	Multistem	42.25369366	-88.34706672	4678822.584	388882.3608
1607	Box elder	Acer negundo	6	Poor	NO	42.25237989	-88.34534052	4678674.458	389022.451	
1608	Box elder	Acer negundo	15	Fair	NO	Multistem	42.2536704	-88.34703802	4678819.964	388884.6872
1609	Box elder	Acer negundo	6	Fair	NO	42.25236471	-88.3453572	4678672.793	389021.0485	
1610	Box elder	Acer negundo	7	Fair	NO	42.2523702	-88.34535927	4678673.406	389020.8877	
1611	Box elder	Acer negundo	3	Dead	NO	42.25236758	-88.34537055	4678673.13	389019.9529	
1612	Black walnut	Juglans nigra	10	Fair	NO	42.25232384	-88.3454101	4678668.324	389016.6136	
1613	Black walnut	Juglans nigra	12	Fair	NO	42.25230738	-88.34540843	4678666.495	389016.722	
1614	American elm	Ulmus americana	6	Poor	YES	42.25226612	-88.34542597	4678661.936	389015.203	
1615	Elm spp.	Ulmus spp.	5	Poor	YES	42.25234604	-88.34542444	4678670.808	389015.4695	
1616	Elm spp.	Ulmus spp.	8	Fair	YES	42.25235506	-88.34540778	4678671.788	389016.8594	
1617	Elm spp.	Ulmus spp.	5	Fair	YES	42.25235125	-88.34540808	4678671.365	389016.8283	
1618	Box elder	Acer negundo	3	Fair	NO	42.25235031	-88.34543249	4678671.292	389014.8128	

1619	Elm spp.	Ulmus spp.	11	Fair	YES		42.25236085	-88.34543384	4678672.465	389014.7201
1620	Elm spp.	Ulmus spp.	6	Fair	YES		42.25236907	-88.34542824	4678673.37	389015.196
1621	Elm spp.	Ulmus spp.	15	Fair	YES		42.25239408	-88.34541119	4678676.124	389016.6463
1622	Box elder	Acer negundo	6	Fair	NO		42.25239941	-88.34540918	4678676.714	389016.8217
1623	Elm spp.	Ulmus spp.	12	Fair	YES		42.25238143	-88.34537962	4678674.679	389019.2285
1624	Elm spp.	Ulmus spp.	8	Dead	YES		42.25239774	-88.34537771	4678676.487	389019.465
1625	Box elder	Acer negundo	6	Poor	NO		42.25242715	-88.34539544	4678679.776	389018.0042
1626	Elm spp.	Ulmus spp.	14	Poor	YES		42.25246921	-88.34540754	4678684.462	389017.0794
1627	Black walnut	Juglans nigra	8	Fair	NO		42.25248301	-88.34541523	4678686.005	389016.4688
1628	Unknown		20	Dead	NO		42.2525148	-88.34529392	4678689.377	389026.5319
1629	Pin oak	Quercus palustris	20	Fair	YES		42.25253123	-88.34529788	4678691.206	389026.2343
1630	Box elder	Acer negundo	8	Fair	NO		42.25248124	-88.34522879	4678685.565	389031.846
1631	Black walnut	Juglans nigra	9	Fair	NO		42.25249351	-88.34519978	4678686.889	389034.2605
1632	Box elder	Acer negundo	26	Poor	NO		42.25249342	-88.34518249	4678686.857	389035.6869
1633	Siberian crabapple	Malus baccata	5	Fair	NO		42.25262557	-88.34628619	4678702.969	388944.8724
1634	Box elder	Acer negundo	6	Fair	NO		42.25262683	-88.34633531	4678703.173	388940.8227
1635	Eastern cottonwood	Populus deltoides	23	Fair	NO		42.25264129	-88.34632252	4678704.762	388941.9028
1636	Siberian crabapple	Malus baccata	8	Fair	NO	Multistem	42.2525574	-88.34535512	4678694.187	389021.5579
1637	Unknown		40	Dead	NO	Multistem	42.25259363	-88.34525418	4678698.078	389029.9487
1638	American elm	Ulmus americana	17	Fair	YES		42.25261148	-88.34528862	4678700.104	389027.1386
1639	Box elder	Acer negundo	10	Poor	NO		42.25263606	-88.3451764	4678702.688	389036.4394
1640	Unknown		15	Dead	NO		42.25266981	-88.34517042	4678706.428	389036.9911
1641	Box elder	Acer negundo	16	Fair	NO	Multistem	42.25267287	-88.34515744	4678706.75	389038.0679
1642	Box elder	Acer negundo	7	Poor	NO	Multistem	42.25268183	-88.34520505	4678707.808	389034.1558
1643	Box elder	Acer negundo	12	Dead	NO		42.2527004	-88.3452066	4678709.871	389034.0603
1644	Box elder	Acer negundo	8	Dead	NO		42.25260516	-88.34526422	4678699.372	389029.1408
1645	Red cedar	Juniperus virginiana	4	Fair	NO		42.2526375	-88.34535316	4678703.078	389021.8602
1646	American elm	Ulmus americana	5	Fair	YES		42.25270599	-88.34533412	4678710.658	389023.5511
1647	American elm	Ulmus americana	4	Dead	YES		42.25269438	-88.34530204	4678709.327	389026.1773
1648	American elm	Ulmus americana	20	Dead	YES		42.25271703	-88.3452699	4678711.8	389028.8677
1649	American elm	Ulmus americana	10	Poor	YES		42.25273765	-88.34535273	4678714.197	389022.0714
1650	Red cedar	Juniperus virginiana	6	Fair	NO		42.25276197	-88.34532772	4678716.865	389024.1775
1651	Red cedar	Juniperus virginiana	4	Fair	NO		42.25277925	-88.34537074	4678718.84	389020.6586
1652	White mulberry	Morus alba	5	Fair	NO		42.25272227	-88.3452146	4678712.31	389033.4393
1653	Black cherry	Prunus serotina	22	Dead	NO		42.25273528	-88.34522564	4678713.769	389032.5515
1654	Black cherry	Prunus serotina	8	Dead	NO		42.25277585	-88.34522781	4678718.277	389032.4429
1655	Black cherry	Prunus serotina	29	Poor	NO		42.25279636	-88.34525272	4678720.586	389030.4244
1656	Black cherry	Prunus serotina	8	Poor	NO		42.25283022	-88.34520443	4678724.283	389034.4671
1657	Black cherry	Prunus serotina	6	Fair	NO		42.25281501	-88.3452676	4678722.677	389029.2293
1658	Black cherry	Prunus serotina	11	Poor	NO		42.25282662	-88.34526773	4678723.966	389029.2389
1659	Black cherry	Prunus serotina	8	Poor	NO		42.25286113	-88.34522947	4678727.747	389032.4558
1660	Box elder	Acer negundo	10	Poor	NO		42.25283751	-88.34527949	4678725.19	389028.2885
1661	Red cedar	Juniperus virginiana	4	Fair	NO		42.25282945	-88.34530524	4678724.329	389026.1501
1662	American elm	Ulmus americana	7	Fair	YES		42.25284502	-88.34530365	4678726.055	389026.3086
1663	Siberian crabapple	Malus baccata	4	Fair	NO		42.25281264	-88.34532853	4678722.492	389024.1992

1664	Black cherry	Prunus serotina	8	Fair	NO	42.25289976	-88.34523458	4678732.044	389032.1019
1665	Black cherry	Prunus serotina	6	Fair	NO	42.25292986	-88.34523678	4678735.389	389031.9732
1666	Black cherry	Prunus serotina	10	Poor	NO	42.25295055	-88.34523888	4678737.689	389031.8361
1667	Box elder	Acer negundo	6	Fair	NO	42.25295747	-88.34525176	4678738.474	389030.7857
1668	Box elder	Acer negundo	12	Poor	NO	42.25294276	-88.34525394	4678736.843	389030.5803
1669	Red cedar	Juniperus virginiana	6	Fair	NO	42.25293973	-88.34531005	4678736.58	389025.9466
1670	Red cedar	Juniperus virginiana	5	Fair	NO	42.25294605	-88.34531423	4678737.288	389025.6128
1671	Red cedar	Juniperus virginiana	7	Fair	NO	42.25295207	-88.34533417	4678737.982	389023.9784
1672	Siberian crabapple	Malus baccata	10	Fair	NO	42.25296563	-88.34532601	4678739.477	389024.6749
1673	Red cedar	Juniperus virginiana	5	Poor	NO	42.25297096	-88.34530928	4678740.047	389026.0651
1674	Elm spp.	Ulmus spp.	3	Fair	YES	42.25297969	-88.34532105	4678741.032	389025.1094
1675	Siberian elm	Ulmus pumila	17	Poor	YES	42.25297796	-88.34528948	4678740.799	389027.7104
1676	White mulberry	Morus alba	14	Fair	NO	42.2530156	-88.34521826	4678744.885	389033.6513
1677	Unknown		18	Dead	NO	42.2530433	-88.34522999	4678747.976	389032.7326
1678	Black cherry	Prunus serotina	6	Fair	NO	42.25307239	-88.34524509	4678751.226	389031.538
1679	Black cherry	Prunus serotina	26	Fair	NO	42.25309773	-88.34522946	4678754.019	389032.8717
1680	White mulberry	Morus alba	19	Fair	NO	42.2531135	-88.34517294	4678755.697	389037.5616
1681	American elm	Ulmus americana	10	Fair	YES	42.25310819	-88.34515385	4678755.082	389039.1271
1682	American elm	Ulmus americana	12	Poor	YES	42.25311522	-88.34515435	4678755.863	389039.0977
1683	American elm	Ulmus americana	8	Dead	YES	42.25312069	-88.34515165	4678756.467	389039.3301
1684	Box elder	Acer negundo	20	Poor	NO	42.25309543	-88.34514186	4678753.649	389040.0935
1685	Box elder	Acer negundo	8	Poor	NO	42.25313262	-88.3451774	4678757.825	389037.2272
1686	Box elder	Acer negundo	17	Poor	NO	42.25309727	-88.34524308	4678753.986	389031.7467
1687	Box elder	Acer negundo	8	Dead	NO	42.25309452	-88.34526763	4678753.712	389029.7169
1688	Box elder	Acer negundo	5	Fair	NO	42.25309351	-88.34529117	4678753.63	389027.7734
1689	Box elder	Acer negundo	9	Poor	NO	42.25311611	-88.34528058	4678756.127	389028.6865
1690	Box elder	Acer negundo	4	Poor	NO	42.25312269	-88.3452969	4678756.878	389027.3522
1691	Box elder	Acer negundo	6	Poor	NO	42.25313089	-88.34528508	4678757.773	389028.3416
1692	Box elder	Acer negundo	6	Dead	NO	42.25313835	-88.34528688	4678758.605	389028.2064
1693	Elm spp.	Ulmus spp.	8	Fair	YES	42.25316626	-88.34528522	4678761.701	389028.3915
1694	Box elder	Acer negundo	6	Poor	NO	42.25318532	-88.34526517	4678763.792	389030.079
1695	Box elder	Acer negundo	14	Dead	NO	42.25319131	-88.34527061	4678764.464	389029.6408
1696	Elm spp.	Ulmus spp.	10	Poor	YES	42.25319704	-88.34527633	4678765.107	389029.1792
1697	Elm spp.	Ulmus spp.	8	Fair	YES	42.25320951	-88.3452604	4678766.471	389030.5149
1698	Elm spp.	Ulmus spp.	10	Poor	YES	42.25321664	-88.34526014	4678767.263	389030.549
1699	Elm spp.	Ulmus spp.	8	Dead	YES	42.25321709	-88.3452695	4678767.325	389029.7776
1700	Red cedar	Juniperus virginiana	6	Fair	NO	42.25320347	-88.34532325	4678765.883	389025.3201
1701	Black walnut	Juglans nigra	4	Fair	NO	42.25324191	-88.34533088	4678770.161	389024.7584
1702	Elm spp.	Ulmus spp.	12	Fair	YES	42.25327833	-88.34527792	4678774.136	389029.1903
1703	Box elder	Acer negundo	12	Fair	NO	42.25325879	-88.3452441	4678771.922	389031.9462
1704	Box elder	Acer negundo	9	Poor	NO	42.2532276	-88.34521467	4678768.42	389034.3196
1705	Box elder	Acer negundo	8	Dead	NO	42.25319809	-88.34523543	4678765.171	389032.5547
1706	Elm spp.	Ulmus spp.	10	Poor	YES	42.25322499	-88.345254	4678768.182	389031.0704
1707	Elm spp.	Ulmus spp.	5	Poor	YES	42.2532643	-88.34527674	4678772.576	389029.2632
1708	Elm spp.	Ulmus spp.	14	Dead	YES	42.25328979	-88.3452483	4678775.369	389031.654

1709	American elm	Ulmus americana	12	Poor	YES	42.25328315	-88.34528346	4678774.678	389028.7422
1710	Elm spp.	Ulmus spp.	8	Poor	YES	42.25331242	-88.34527833	4678777.922	389029.2162
1711	Siberian elm	Ulmus pumila	8	Fair	YES	42.25332096	-88.3453756	4678778.996	389021.2075
1712	Siberian elm	Ulmus pumila	5	Fair	YES	42.25331605	-88.34553155	4678778.654	389008.335
1713	Box elder	Acer negundo	14	Fair	NO	42.25333405	-88.34525319	4678780.29	389031.328
1714	Box elder	Acer negundo	5	Dead	NO	42.25335198	-88.34525609	4678782.285	389031.1207
1715	Black cherry	Prunus serotina	12	Poor	NO	42.25334645	-88.34522923	4678781.636	389033.3265
1716	Black cherry	Prunus serotina	15	Poor	NO	42.25334258	-88.34516406	4678781.121	389038.6954
1717	Box elder	Acer negundo	12	Fair	NO	42.25337017	-88.34513479	4678784.147	389041.1588
1718	Box elder	Acer negundo	6	Dead	NO	42.2533777	-88.3451302	4678784.977	389041.5501
1719	Box elder	Acer negundo	12	Poor	NO	42.25337836	-88.34514115	4678785.064	389040.6481
1720	Black cherry	Prunus serotina	7	Fair	NO	42.25336759	-88.34516741	4678783.902	389038.4635
1721	Black cherry	Prunus serotina	6	Fair	NO	42.25338993	-88.34522828	4678786.462	389033.4815
1722	Box elder	Acer negundo	8	Fair	NO	42.25339605	-88.34524227	4678787.16	389032.3376
1723	Elm spp.	Ulmus spp.	7	Poor	YES	42.25340275	-88.34525252	4678787.918	389031.5039
1724	Elm spp.	Ulmus spp.	6	Poor	YES	42.25339121	-88.34525407	4678786.639	389031.3561
1725	Box elder	Acer negundo	11	Poor	NO	42.25343438	-88.34522034	4678791.388	389034.2139
1726	Box elder	Acer negundo	12	Fair	NO	42.25343762	-88.34516468	4678791.675	389038.8109
1727	Black cherry	Prunus serotina	13	Poor	NO	42.25346261	-88.34519261	4678794.487	389036.5513
1728	Siberian crabapple	Malus baccata	7	Fair	NO	42.253464	-88.34528492	4678794.761	389028.9391
1729	Black walnut	Juglans nigra	8	Fair	NO	42.25347239	-88.34528477	4678795.693	389028.9655
1730	Siberian crabapple	Malus baccata	4	Fair	NO	42.25347512	-88.34530664	4678796.024	389027.1668
1731	Siberian crabapple	Malus baccata	4	Fair	NO	42.25350199	-88.34531012	4678799.011	389026.927
1732	Box elder	Acer negundo	10	Poor	NO	42.25347347	-88.34521663	4678795.724	389034.5888
1733	Box elder	Acer negundo	7	Dead	NO	42.25349172	-88.34516972	4678797.689	389038.4904
1734	Box elder	Acer negundo	8	Poor	NO	42.25350171	-88.34521765	4678798.861	389034.5537
1735	Box elder	Acer negundo	12	Dead	NO	42.25349873	-88.3452108	4678798.521	389035.1141
1736	Box elder	Acer negundo	8	Dead	NO	42.25352845	-88.34522081	4678801.834	389034.3398
1737	Black cherry	Prunus serotina	26	Fair	NO	42.2535403	-88.34519921	4678803.121	389036.1428
1738	Black cherry	Prunus serotina	10	Dead	NO	42.25352782	-88.34518679	4678801.719	389037.145
1739	Box elder	Acer negundo	8	Fair	NO	42.25351695	-88.34518722	4678800.513	389037.0912
1740	Box elder	Acer negundo	6	Fair	NO	42.2535619	-88.34520526	4678805.527	389035.6818
1741	Box elder	Acer negundo	9	Fair	NO	42.25356633	-88.3452198	4678806.039	389034.4902
1742	Box elder	Acer negundo	5	Dead	NO	42.253569	-88.34522937	4678806.347	389033.7054
1743	Box elder	Acer negundo	5	Dead	NO	42.25356579	-88.34523774	4678806.002	389033.0089
1744	White mulberry	Morus alba	5	Fair	NO	42.25357822	-88.34527867	4678807.436	389029.6549
1745	White mulberry	Morus alba	12	Dead	NO	42.25357937	-88.3452186	4678807.485	389034.6117
1746	Box elder	Acer negundo	19	Fair	NO	42.25359831	-88.34514782	4678809.496	389040.4838
1747	Box elder	Acer negundo	16	Poor	NO	42.25362442	-88.34523076	4678812.502	389033.688
1748	Red cedar	Juniperus virginiana	5	Fair	NO	42.25363127	-88.34529503	4678813.348	389028.3979
1749	Box elder	Acer negundo	19	Fair	NO	42.25370229	-88.34521489	4678821.128	389035.1331
1750	Black cherry	Prunus serotina	12	Dead	NO	42.2536813	-88.34517289	4678818.743	389038.561
1751	Black cherry	Prunus serotina	9	Dead	NO	42.25368884	-88.34521797	4678819.64	389034.8556
1752	Black cherry	Prunus serotina	22	Fair	NO	42.25371493	-88.34513611	4678822.429	389041.6538
1753	American elm	Ulmus americana	8	Fair	YES	42.25370992	-88.34527798	4678822.058	389029.9421

1754	Box elder	Acer negundo	26	Fair	NO		42.25376909	-88.34522797	4678828.563	389034.1713
1755	Box elder	Acer negundo	9	Fair	NO		42.25377418	-88.34520623	4678829.099	389035.9736
1756	American elm	Ulmus americana	6	Fair	YES		42.25381074	-88.34526393	4678833.234	389031.2782
1757	Siberian crabapple	Malus baccata	12	Fair	NO	Multistem	42.25383036	-88.34525232	4678835.398	389032.2701
1758	Box elder	Acer negundo	9	Fair	NO		42.25383394	-88.34522401	4678835.759	389034.6118
1759	Box elder	Acer negundo	8	Fair	NO	Multistem	42.25384384	-88.34521482	4678836.846	389035.3872
1760	Black walnut	Juglans nigra	9	Fair	NO		42.25386497	-88.3451875	4678839.156	389037.6782
1761	Black cherry	Prunus serotina	24	Poor	NO	Multistem	42.25386137	-88.3451582	4678838.718	389040.0889
1762	Black cherry	Prunus serotina	8	Dead	NO	Multistem	42.25385082	-88.34513956	4678837.523	389041.608
1763	Shagbark hickory	Carya ovata	3	Fair	YES		42.25385778	-88.34521036	4678838.388	389035.78
1764	Siberian crabapple	Malus baccata	3	Fair	NO		42.25386398	-88.34523893	4678839.113	389033.4336
1765	Shagbark hickory	Carya ovata	3	Fair	YES		42.25385838	-88.34525701	4678838.515	389031.9327
1766	Shagbark hickory	Carya ovata	4	Fair	YES		42.25389673	-88.34525756	4678842.774	389031.9542
1767	Box elder	Acer negundo	28	Poor	NO		42.25391823	-88.34518554	4678845.068	389037.9329
1768	Shagbark hickory	Carya ovata	14	Fair	YES		42.25393465	-88.34515483	4678846.851	389040.495
1769	Bur oak	Quercus macrocarpa	8	Fair	YES		42.25394668	-88.34518429	4678848.225	389038.0863
1770	Bur oak	Quercus macrocarpa	4	Fair	YES		42.25398079	-88.34513387	4678851.947	389042.3052
1771	Box elder	Acer negundo	8	Poor	NO		42.25399441	-88.34511936	4678853.44	389043.526
1772	Shagbark hickory	Carya ovata	8	Fair	YES		42.25393213	-88.34511219	4678846.515	389044.0081
1773	Bur oak	Quercus macrocarpa	32	Fair	YES		42.25399857	-88.34515001	4678853.942	389041.005
1774	Box elder	Acer negundo	20	Poor	NO		42.25400235	-88.34518837	4678854.412	389037.8467
1775	Bur oak	Quercus macrocarpa	3	Fair	YES		42.25404996	-88.34523936	4678859.764	389033.7242
1776	Bur oak	Quercus macrocarpa	6	Fair	YES		42.25403896	-88.34513855	4678858.412	389042.0206
1777	Box elder	Acer negundo	20	Poor	NO		42.2540566	-88.3451052	4678860.327	389044.803
1778	Box elder	Acer negundo	10	Dead	NO		42.25408161	-88.34517781	4678863.199	389038.8567
1779	Shagbark hickory	Carya ovata	12	Fair	YES		42.25408274	-88.34513179	4678863.265	389042.655
1780	Black cherry	Prunus serotina	12	Fair	NO		42.25409248	-88.34513389	4678864.348	389042.499
1781	Shagbark hickory	Carya ovata	3	Fair	YES		42.25412062	-88.34511392	4678867.447	389044.196
1782	Shagbark hickory	Carya ovata	8	Fair	YES		42.25412707	-88.34513113	4678868.186	389042.7872
1783	Shagbark hickory	Carya ovata	7	Fair	YES		42.25415719	-88.34510535	4678871.497	389044.967
1784	Shagbark hickory	Carya ovata	7	Fair	YES		42.25418899	-88.34510063	4678875.021	389045.4116
1785	Shagbark hickory	Carya ovata	9	Dead	YES		42.25419698	-88.34515059	4678875.973	389041.3048
1786	Shagbark hickory	Carya ovata	4	Fair	YES		42.25421138	-88.34512951	4678877.545	389043.0692
1787	Shagbark hickory	Carya ovata	6	Dead	YES		42.25421596	-88.34513201	4678878.057	389042.871
1788	Black cherry	Prunus serotina	20	Poor	NO		42.25423333	-88.3451528	4678880.013	389041.1861
1789	Box elder	Acer negundo	11	Fair	NO		42.25424739	-88.34513934	4678881.556	389042.3215
1790	Black cherry	Prunus serotina	8	Poor	NO		42.25424691	-88.34508146	4678881.427	389047.0949
1791	Shagbark hickory	Carya ovata	5	Fair	YES		42.25414015	-88.34519123	4678869.716	389037.8529
1792	Siberian crabapple	Malus baccata	4	Fair	NO		42.25413692	-88.34520996	4678869.382	389036.3019
1793	Shagbark hickory	Carya ovata	5	Fair	YES		42.25413846	-88.34523467	4678869.586	389034.2665
1794	Shagbark hickory	Carya ovata	6	Fair	YES		42.25415523	-88.34517878	4678871.374	389038.9063
1795	Shagbark hickory	Carya ovata	8	Good	YES		42.25417663	-88.34517622	4678873.747	389039.1547
1796	Shagbark hickory	Carya ovata	9	Fair	YES		42.25418437	-88.34517935	4678874.611	389038.9106
1797	Shagbark hickory	Carya ovata	3	Fair	YES		42.25417492	-88.34518876	4678873.574	389038.1171
1798	Shagbark hickory	Carya ovata	9	Fair	YES		42.25417953	-88.34517404	4678874.067	389039.3397

1799	Siberian crabapple	Malus baccata	9	Fair	NO	Multistem	42.25417784	-88.34520081	4678873.914	389037.1288
1800	American elm	Ulmus americana	12	Fair	YES	Multistem	42.25417982	-88.34523146	4678874.173	389034.6036
1801	Shagbark hickory	Carya ovata	8	Fair	YES		42.25423297	-88.34517331	4678879.999	389039.4938
1802	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25422071	-88.3452354	4678878.719	389034.3501
1803	Unknown		9	Dead	NO		42.25427797	-88.34516354	4678884.983	389040.3783
1804	Shagbark hickory	Carya ovata	8	Fair	YES		42.25430304	-88.345175	4678887.782	389039.4769
1805	Shagbark hickory	Carya ovata	6	Fair	YES		42.25431578	-88.34514552	4678889.159	389041.9311
1806	Shagbark hickory	Carya ovata	6	Fair	YES		42.25432914	-88.34513702	4678890.63	389042.6562
1807	Shagbark hickory	Carya ovata	6	Dead	YES	Multistem	42.25431601	-88.34516829	4678889.214	389040.0536
1808	Black cherry	Prunus serotina	10	Poor	NO		42.25434311	-88.34512879	4678892.171	389043.3594
1809	Shagbark hickory	Carya ovata	5	Fair	YES		42.25436592	-88.34511782	4678894.69	389044.3045
1810	Shagbark hickory	Carya ovata	8	Fair	YES		42.25437054	-88.3451289	4678895.217	389043.3978
1811	Box elder	Acer negundo	15	Poor	NO		42.25438806	-88.34509034	4678897.112	389046.6094
1812	Siberian crabapple	Malus baccata	6	Poor	NO		42.25434079	-88.34518044	4678891.981	389039.0949
1813	Norway maple	Acer platanoides	3	Fair	NO		42.25375661	-88.3455492	4678827.595	389007.6515
1814	Siberian elm	Ulmus pumila	6	Fair	YES		42.2537779	-88.3456047	4678830.031	389003.1101
1815	White mulberry	Morus alba	3	Fair	NO		42.25371378	-88.34555589	4678822.849	389007.0244
1816	Black cherry	Prunus serotina	7	Fair	NO		42.25370975	-88.34557843	4678822.43	389005.1582
1817	Red cedar	Juniperus virginiana	3	Fair	NO		42.25370041	-88.34552356	4678821.322	389009.6679
1818	Black cherry	Prunus serotina	11	Fair	NO		42.25370682	-88.34549653	4678821.998	389011.9086
1819	Red cedar	Juniperus virginiana	3	Fair	NO		42.25369047	-88.34547033	4678820.149	389014.041
1820	Black cherry	Prunus serotina	7	Fair	NO	Multistem	42.25361707	-88.34546512	4678811.992	389014.3422
1821	Red cedar	Juniperus virginiana	4	Fair	NO		42.25362581	-88.34551024	4678813.021	389010.6359
1822	Red cedar	Juniperus virginiana	3	Fair	NO		42.25362623	-88.34555567	4678813.127	389006.8889
1823	Red cedar	Juniperus virginiana	3	Fair	NO		42.25362295	-88.34561987	4678812.847	389001.5877
1824	Red cedar	Juniperus virginiana	10	Fair	NO		42.25359548	-88.34566128	4678809.85	388998.1232
1825	Red cedar	Juniperus virginiana	8	Fair	NO		42.2536139	-88.34568783	4678811.931	388995.9655
1826	Red cedar	Juniperus virginiana	3	Fair	NO		42.25364009	-88.34567334	4678814.82	388997.2063
1827	Red cedar	Juniperus virginiana	3	Fair	NO		42.25365848	-88.34562464	4678816.797	389001.2561
1828	Red cedar	Juniperus virginiana	5	Fair	NO		42.25366535	-88.34568527	4678817.64	388996.2668
1829	Siberian crabapple	Malus baccata	8	Fair	NO	Multistem	42.25368382	-88.34572117	4678819.737	388993.3378
1830	Red cedar	Juniperus virginiana	4	Fair	NO		42.2536654	-88.34575031	4678817.73	388990.9016
1831	Red cedar	Juniperus virginiana	3	Poor	NO		42.25357719	-88.34558589	4678807.721	389004.3099
1832	Siberian crabapple	Malus baccata	9	Fair	NO	Multistem	42.25355055	-88.34555311	4678804.72	389006.967
1833	Red cedar	Juniperus virginiana	5	Fair	NO		42.25352107	-88.3455243	4678801.41	389009.2919
1834	Red cedar	Juniperus virginiana	3	Fair	NO		42.25350877	-88.3454991	4678800.012	389011.3498
1835	Red cedar	Juniperus virginiana	5	Fair	NO		42.25348978	-88.34550266	4678797.907	389011.0228
1836	Red cedar	Juniperus virginiana	4	Fair	NO		42.25352198	-88.34545706	4678801.423	389014.8402
1837	Red cedar	Juniperus virginiana	7	Fair	NO		42.25354882	-88.34542917	4678804.367	389017.1886
1838	Red cedar	Juniperus virginiana	3	Fair	NO		42.25350829	-88.34543578	4678799.876	389016.5721
1839	Red cedar	Juniperus virginiana	3	Fair	NO		42.25349547	-88.34540928	4678798.417	389018.7352
1840	Red cedar	Juniperus virginiana	3	Fair	NO		42.25347451	-88.34540268	4678796.081	389019.2433
1841	White mulberry	Morus alba	4	Fair	NO		42.25346747	-88.34542363	4678795.326	389017.5025
1842	American elm	Ulmus americana	6	Fair	YES		42.25345192	-88.34539844	4678793.567	389019.553
1843	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25338542	-88.34537465	4678786.152	389021.3991

1844	Eastern cottonwood	Populus deltoides	18	Fair	NO		42.25332146	-88.34561718	4678779.367	389001.2804
1845	Elm spp.	Ulmus spp.	8	Fair	YES		42.25330981	-88.34562741	4678778.087	389000.4162
1846	Elm spp.	Ulmus spp.	3	Fair	YES		42.25335378	-88.34559339	4678782.925	389003.2992
1847	Red cedar	Juniperus virginiana	3	Fair	NO		42.25339074	-88.34558001	4678787.01	389004.4685
1848	Red cedar	Juniperus virginiana	5	Fair	NO		42.25348881	-88.34556962	4678797.887	389005.4973
1849	Elm spp.	Ulmus spp.	5	Fair	YES		42.25356736	-88.3457261	4678806.812	388992.7266
1850	Red cedar	Juniperus virginiana	4	Fair	NO		42.25354525	-88.34576437	4678804.407	388989.531
1851	Red cedar	Juniperus virginiana	3	Fair	NO		42.25356878	-88.34580063	4678807.067	388986.5812
1852	Eastern cottonwood	Populus deltoides	9	Poor	NO		42.25351321	-88.3457771	4678800.867	388988.4249
1853	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25350861	-88.34579495	4678800.378	388986.9447
1854	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25346897	-88.3458137	4678796.002	388985.3279
1855	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25344884	-88.34579802	4678793.746	388986.5863
1856	Eastern cottonwood	Populus deltoides	7	Fair	NO		42.25343596	-88.34583085	4678792.359	388983.8552
1857	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25345427	-88.34582196	4678794.381	388984.6209
1858	Siberian elm	Ulmus pumila	12	Fair	YES		42.25332238	-88.34588493	4678779.818	388979.1949
1859	Elm spp.	Ulmus spp.	3	Fair	YES		42.25330967	-88.34578377	4678778.275	388987.5177
1860	Red cedar	Juniperus virginiana	3	Fair	NO		42.2533073	-88.34576312	4678777.984	388989.2173
1861	Red maple	Acer rubrum	14	Fair	NO	Multistem	42.25323333	-88.34601168	4678770.095	388968.5835
1862	Box elder	Acer negundo	4	Fair	NO	Multistem	42.25322586	-88.34604795	4678769.312	388965.5783
1863	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25343815	-88.34589054	4678792.679	388978.9356
1864	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25344716	-88.34589504	4678793.686	388978.5801
1865	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25347142	-88.34590813	4678796.397	388977.543
1866	Eastern cottonwood	Populus deltoides	9	Fair	NO	Multistem	42.25345103	-88.34594601	4678794.182	388974.3822
1867	American elm	Ulmus americana	6	Fair	YES		42.25344574	-88.34596016	4678793.614	388973.206
1868	Elm spp.	Ulmus spp.	6	Fair	YES		42.25345504	-88.34601171	4678794.713	388968.9701
1869	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25346802	-88.34605575	4678796.212	388965.3595
1870	Elm spp.	Ulmus spp.	9	Fair	YES		42.25350301	-88.34605008	4678800.089	388965.8885
1871	White mulberry	Morus alba	10	Fair	NO	Multistem	42.2535253	-88.34611478	4678802.648	388960.5908
1872	American elm	Ulmus americana	16	Fair	YES	Multistem	42.2535638	-88.34608279	4678806.882	388963.2969
1873	Eastern cottonwood	Populus deltoides	18	Fair	NO		42.25362858	-88.34612849	4678814.134	388959.6411
1874	Willow spp.	Salix spp.	8	Fair	NO	Multistem	42.25367719	-88.34603659	4678819.412	388967.3068
1875	Red cedar	Juniperus virginiana	6	Fair	NO		42.25364557	-88.34596273	4678815.805	388973.3444
1876	Red cedar	Juniperus virginiana	3	Fair	NO		42.2537061	-88.34599483	4678822.567	388970.8028
1877	Elm spp.	Ulmus spp.	6	Fair	YES	Multistem	42.25372341	-88.34598803	4678824.481	388971.3939
1878	Box elder	Acer negundo	6	Fair	NO		42.25370958	-88.3459642	4678822.914	388973.3356
1879	Elm spp.	Ulmus spp.	5	Fair	YES		42.25371504	-88.34596279	4678823.518	388973.4611
1880	Callery pear	Pyrus calleryana	8	Fair	NO		42.25369003	-88.34589016	4678820.647	388979.4087
1881	American elm	Ulmus americana	6	Fair	YES		42.25369038	-88.34588333	4678820.678	388979.9727
1882	White mulberry	Morus alba	6	Fair	NO		42.25373878	-88.34581348	4678825.96	388985.8197
1883	Siberian elm	Ulmus pumila	5	Fair	YES		42.25375619	-88.34580728	4678827.885	388986.3615
1884	Siberian crabapple	Malus baccata	6	Fair	NO		42.25378183	-88.34577812	4678830.694	388988.8117
1885	Elm spp.	Ulmus spp.	6	Fair	YES		42.25372926	-88.34571646	4678824.777	388993.8063
1886	Black cherry	Prunus serotina	8	Fair	NO		42.25378395	-88.34570358	4678830.833	388994.9644
1887	Eastern cottonwood	Populus deltoides	5	Fair	NO	Multistem	42.25380305	-88.34573313	4678832.992	388992.5606
1888	Elm spp.	Ulmus spp.	8	Fair	YES		42.25382319	-88.34582572	4678835.349	388984.9577

1889	Box elder	Acer negundo	3	Fair	NO		42.25383364	-88.34593904	4678836.657	388975.6286
1890	Elm spp.	Ulmus spp.	10	Fair	YES		42.25380625	-88.34597077	4678833.657	388972.9632
1891	Eastern cottonwood	Populus deltoides	21	Fair	NO		42.25381004	-88.3458988	4678833.984	388978.9065
1892	Eastern cottonwood	Populus deltoides	20	Fair	NO		42.25378537	-88.34591112	4678831.261	388977.8468
1893	Box elder	Acer negundo	4	Fair	NO		42.25378815	-88.34594634	4678831.615	388974.9464
1894	Box elder	Acer negundo	5	Fair	NO		42.2537819	-88.34597039	4678830.953	388972.9515
1895	Elm spp.	Ulmus spp.	6	Fair	YES		42.2537963	-88.34599322	4678832.581	388971.094
1896	Box elder	Acer negundo	6	Fair	NO		42.25374663	-88.346032	4678827.117	388967.8074
1897	American elm	Ulmus americana	5	Fair	YES		42.25372961	-88.34603148	4678825.226	388967.8209
1898	Eastern cottonwood	Populus deltoides	20	Poor	NO		42.25374378	-88.34607611	4678826.857	388964.1642
1899	White mulberry	Morus alba	5	Fair	NO		42.25372886	-88.34609825	4678825.23	388962.3119
1900	Box elder	Acer negundo	6	Fair	NO		42.25373417	-88.34615567	4678825.894	388957.5842
1901	Box elder	Acer negundo	3	Fair	NO		42.25378826	-88.34612549	4678831.861	388960.1684
1902	Black walnut	Juglans nigra	8	Fair	NO		42.2538167	-88.34606089	4678834.934	388965.5473
1903	Box elder	Acer negundo	12	Fair	NO	Multistem	42.25383904	-88.3460707	4678837.428	388964.7771
1904	Red cedar	Juniperus virginiana	6	Fair	NO		42.25382989	-88.34610351	4678836.455	388962.0547
1905	Box elder	Acer negundo	5	Fair	NO		42.25384291	-88.34613823	4678837.945	388959.2138
1906	Box elder	Acer negundo	3	Fair	NO		42.2538451	-88.3461769	4678838.239	388956.0277
1907	Siberian crabapple	Malus baccata	7	Fair	NO	Multistem	42.25382709	-88.34627535	4678836.367	388947.8748
1908	Black walnut	Juglans nigra	5	Fair	NO		42.25379262	-88.3463419	4678832.627	388942.3244
1909	Box elder	Acer negundo	4	Fair	NO		42.253759	-88.34619236	4678828.7	388954.6016
1910	Box elder	Acer negundo	5	Fair	NO		42.25368761	-88.34612631	4678820.686	388959.9241
1911	Unknown		18	Dead	NO	Multistem	42.2536383	-88.34617845	4678815.278	388955.5371
1912	Willow spp.	Salix spp.	16	Poor	NO	Multistem	42.25367638	-88.34632802	4678819.702	388943.2656
1913	Eastern cottonwood	Populus deltoides	24	Good	NO		42.2537336	-88.34640749	4678826.159	388936.811
1914	Elm spp.	Ulmus spp.	6	Poor	YES		42.25359181	-88.34620129	4678810.146	388953.5714
1915	American elm	Ulmus americana	7	Fair	YES		42.2535768	-88.34622758	4678808.514	388951.3764
1916	Box elder	Acer negundo	3	Fair	NO		42.25351961	-88.34619608	4678802.123	388953.8743
1917	Callery pear	Pyrus calleryana	6	Fair	NO		42.25350056	-88.34624097	4678800.067	388950.1379
1918	Red cedar	Juniperus virginiana	8	Fair	NO		42.25348027	-88.34631504	4678797.909	388943.9926
1919	Black walnut	Juglans nigra	3	Poor	NO		42.25349485	-88.34633321	4678799.552	388942.5192
1920	Elm spp.	Ulmus spp.	6	Fair	YES		42.25352442	-88.34635024	4678802.858	388941.1663
1921	Paper birch	Betula papyrifera	19	Fair	NO	Multistem	42.25358133	-88.34637055	4678809.204	388939.5904
1922	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25359182	-88.346448	4678810.47	388933.22
1923	Elm spp.	Ulmus spp.	4	Poor	YES		42.25354203	-88.34647649	4678804.978	388930.7827
1924	Eastern cottonwood	Populus deltoides	8	Poor	NO		42.25358879	-88.34651527	4678810.221	388927.6654
1925	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25364998	-88.346424	4678816.896	388935.3019
1926	Eastern cottonwood	Populus deltoides	15	Poor	NO		42.25364673	-88.34649062	4678816.622	388929.8004
1927	Willow spp.	Salix spp.	14	Fair	NO		42.25370393	-88.34650938	4678822.998	388928.3534
1928	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25366722	-88.34660258	4678819.043	388920.601
1929	American elm	Ulmus americana	5	Fair	YES		42.2536329	-88.34655021	4678815.164	388924.8611
1930	Eastern cottonwood	Populus deltoides	18	Poor	NO	Multistem	42.25362374	-88.34658487	4678814.192	388921.9856
1931	Box elder	Acer negundo	5	Poor	NO		42.2535763	-88.3466148	4678808.963	388919.4332
1932	Box elder	Acer negundo	9	Fair	NO	Multistem	42.25352603	-88.34660579	4678803.37	388920.0886
1933	Box elder	Acer negundo	5	Fair	NO		42.25351348	-88.34659117	4678801.958	388921.2728

1934	Box elder	Acer negundo	4	Fair	NO		42.25348485	-88.3466357	4678798.836	388917.5494
1935	White mulberry	Morus alba	3	Fair	NO		42.25350644	-88.34651538	4678801.077	388927.5124
1936	Box elder	Acer negundo	9	Fair	NO		42.25353293	-88.34665596	4678804.202	388915.962
1937	Callery pear	Pyrus calleryana	6	Fair	NO		42.25355305	-88.34676749	4678806.581	388906.7972
1938	Siberian crabapple	Malus baccata	4	Poor	NO		42.25352271	-88.34678608	4678803.236	388905.2103
1939	American elm	Ulmus americana	8	Fair	YES		42.25349157	-88.34676838	4678799.755	388906.6156
1940	American elm	Ulmus americana	9	Poor	YES		42.25346733	-88.34680702	4678797.115	388903.3862
1941	American elm	Ulmus americana	6	Dead	YES		42.25346287	-88.34670856	4678796.491	388911.5006
1942	Box elder	Acer negundo	6	Fair	NO		42.25342401	-88.34672155	4678792.193	388910.3601
1943	Black walnut	Juglans nigra	18	Fair	NO		42.25366204	-88.34671544	4678818.615	388911.2824
1944	Willow spp.	Salix spp.	45	Fair	NO	Multistem	42.25370514	-88.34683966	4678823.563	388901.1112
1945	Eastern cottonwood	Populus deltoides	16	Poor	NO		42.25344723	-88.34648972	4678794.469	388929.5249
1946	American elm	Ulmus americana	5	Dead	YES		42.25347808	-88.34643513	4678797.823	388934.0819
1947	Siberian crabapple	Malus baccata	7	Fair	NO	Multistem	42.2533883	-88.34644668	4678787.869	388932.9722
1948	Siberian crabapple	Malus baccata	18	Poor	NO	Multistem	42.25340475	-88.34651461	4678789.784	388927.3971
1949	Box elder	Acer negundo	3	Poor	NO		42.2533436	-88.34653834	4678783.026	388925.3322
1950	American elm	Ulmus americana	5	Fair	YES		42.2533298	-88.34642039	4678781.339	388935.038
1951	Red cedar	Juniperus virginiana	6	Fair	NO		42.25336576	-88.34635603	4678785.249	388940.4103
1952	Unknown		6	Dead	NO		42.25329505	-88.34645128	4678777.521	388932.4284
1953	Box elder	Acer negundo	5	Fair	NO		42.25325611	-88.34648941	4678773.247	388929.2153
1954	Box elder	Acer negundo	3	Fair	NO		42.25323595	-88.34639689	4678770.888	388936.8118
1955	Box elder	Acer negundo	8	Poor	NO	Multistem	42.25325613	-88.34635892	4678773.079	388939.9791
1956	Elm spp.	Ulmus spp.	4	Poor	YES		42.25326207	-88.34632331	4678773.693	388942.9269
1957	Box elder	Acer negundo	5	Poor	NO		42.2532594	-88.34625833	4678773.311	388948.283
1958	Elm spp.	Ulmus spp.	6	Fair	YES		42.25330259	-88.34630453	4678778.167	388944.5478
1959	Elm spp.	Ulmus spp.	6	Poor	YES		42.2532975	-88.3461777	4678777.437	388955.0008
1960	Elm spp.	Ulmus spp.	8	Poor	YES		42.25323141	-88.34623008	4678770.166	388950.5644
1961	Box elder	Acer negundo	5	Fair	NO		42.25322726	-88.3462653	4678769.752	388947.6515
1962	Callery pear	Pyrus calleryana	6	Fair	NO		42.25323677	-88.34615103	4678770.659	388957.0939
1963	Box elder	Acer negundo	3	Fair	NO		42.25319634	-88.34634839	4678766.427	388940.7426
1964	Box elder	Acer negundo	3	Fair	NO		42.25318225	-88.34645065	4678764.995	388932.2826
1965	Box elder	Acer negundo	6	Poor	NO	Multistem	42.25382783	-88.34694767	4678837.327	388892.4165
1966	Elm spp.	Ulmus spp.	6	Poor	YES		42.25385231	-88.34685759	4678839.928	388899.8904
1967	Willow spp.	Salix spp.	12	Poor	NO		42.25379475	-88.34682329	4678833.491	388902.6188
1968	Eastern cottonwood	Populus deltoides	28	Fair	NO		42.25384151	-88.34675796	4678838.598	388908.09
1969	American elm	Ulmus americana	8	Fair	YES	Multistem	42.25381092	-88.34660912	4678835.007	388920.3137
1970	Red cedar	Juniperus virginiana	6	Fair	NO		42.25378804	-88.34664102	4678832.508	388917.6425
1971	Black walnut	Juglans nigra	6	Fair	NO		42.25377646	-88.34656077	4678831.118	388924.2419
1972	Elm spp.	Ulmus spp.	6	Fair	YES	Multistem	42.25384052	-88.34654023	4678838.205	388926.0483
1973	Eastern cottonwood	Populus deltoides	5	Poor	NO		42.25381092	-88.34647236	4678834.829	388931.5949
1974	Red cedar	Juniperus virginiana	5	Fair	NO		42.25376329	-88.34647529	4678829.545	388931.2697
1975	Black walnut	Juglans nigra	4	Fair	NO		42.25363125	-88.34943645	4678818.748	388686.7718
1976	Black walnut	Juglans nigra	7	Poor	NO		42.25360606	-88.34958245	4678816.142	388674.6841
1977	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25386397	-88.34836705	4678843.192	388775.3958
1978	Eastern cottonwood	Populus deltoides	8	Poor	NO		42.25385944	-88.34836358	4678842.685	388775.674

1979	Eastern cottonwood	Populus deltoides	13	Poor	NO	Multistem	42.25385554	-88.34834368	4678842.225	388777.3088
1980	Eastern cottonwood	Populus deltoides	5	Poor	NO		42.25387204	-88.348367	4678844.088	388775.4142
1981	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.2538964	-88.34836632	4678846.792	388775.5128
1982	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25390438	-88.34834766	4678847.654	388777.0657
1983	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25389647	-88.34836558	4678846.798	388775.5735
1984	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25390431	-88.34835653	4678847.657	388776.3344
1985	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25389726	-88.34834249	4678846.856	388777.4802
1986	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25389271	-88.34837894	4678846.399	388774.4654
1987	Eastern cottonwood	Populus deltoides	9	Fair	NO		42.25390874	-88.34838078	4678848.18	388774.3418
1988	Eastern cottonwood	Populus deltoides	7	Poor	NO	Multistem	42.25392875	-88.34836709	4678850.384	388775.5059
1989	Eastern cottonwood	Populus deltoides	7	Fair	NO		42.25394684	-88.34835276	4678852.375	388776.7196
1990	Eastern cottonwood	Populus deltoides	21	Fair	NO	Multistem	42.25396876	-88.34837901	4678854.842	388774.5934
1991	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25398403	-88.34835043	4678856.501	388776.9779
1992	Eastern cottonwood	Populus deltoides	16	Poor	NO		42.25396127	-88.3483344	4678853.953	388778.2601
1993	Eastern cottonwood	Populus deltoides	18	Fair	NO		42.25397853	-88.34830935	4678855.837	388780.3567
1994	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25398262	-88.34825374	4678856.218	388784.9509
1995	Box elder	Acer negundo	12	Fair	NO	Multistem	42.25400429	-88.3482461	4678858.614	388785.6196
1996	Black willow	Salix nigra	8	Fair	NO		42.25404977	-88.3482992	4678863.734	388781.3187
1997	Black willow	Salix nigra	7	Fair	NO		42.25409992	-88.34837557	4678869.402	388775.1078
1998	Eastern cottonwood	Populus deltoides	22	Fair	NO		42.25412239	-88.34834688	4678871.86	388777.5134
1999	Eastern cottonwood	Populus deltoides	23	Fair	NO		42.25410864	-88.34830158	4678870.273	388781.2259
2000	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25413341	-88.34826293	4678872.974	388784.4577
2001	Eastern cottonwood	Populus deltoides	11	Poor	NO		42.25414689	-88.34824826	4678874.451	388785.692
2002	Black willow	Salix nigra	8	Fair	NO		42.25413923	-88.34818472	4678873.518	388790.9199
2003	Eastern cottonwood	Populus deltoides	20	Fair	NO		42.25414125	-88.34809237	4678873.621	388798.5407
2004	Eastern cottonwood	Populus deltoides	6	Dead	NO		42.25416118	-88.34811107	4678875.859	388797.0339
2005	Black willow	Salix nigra	14	Fair	NO	Multistem	42.25414991	-88.34804768	4678874.524	388802.2428
2006	Eastern cottonwood	Populus deltoides	9	Poor	NO	Multistem	42.25425851	-88.34810631	4678886.659	388797.597
2007	Eastern cottonwood	Populus deltoides	9	Fair	NO		42.25424562	-88.34815533	4678885.292	388793.5309
2008	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25421952	-88.34819245	4678882.443	388790.423
2009	Eastern cottonwood	Populus deltoides	6	Poor	NO		42.25424974	-88.3481886	4678885.793	388790.7935
2010	Eastern cottonwood	Populus deltoides	8	Dead	NO		42.25424256	-88.348236	4678885.058	388786.8715
2011	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25421857	-88.34826361	4678882.43	388784.5514
2012	Eastern cottonwood	Populus deltoides	19	Fair	NO		42.25420873	-88.34803255	4678881.036	388803.5944
2013	Black willow	Salix nigra	11	Poor	NO	Multistem	42.25424556	-88.34802598	4678885.117	388804.2009
2014	Eastern cottonwood	Populus deltoides	18	Fair	NO	Multistem	42.25425206	-88.34805021	4678885.87	388802.2134
2015	Eastern cottonwood	Populus deltoides	13	Fair	NO		42.25425657	-88.34802835	4678886.342	388804.0249
2016	Eastern cottonwood	Populus deltoides	17	Dead	NO	Multistem	42.25424738	-88.34797652	4678885.255	388808.2843
2017	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25424717	-88.34794832	4678885.194	388810.6098
2018	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25427002	-88.34798958	4678887.785	388807.2467
2019	Eastern cottonwood	Populus deltoides	27	Fair	NO	Multistem	42.25429436	-88.34798763	4678890.486	388807.4498
2020	Eastern cottonwood	Populus deltoides	10	Dead	NO		42.25428884	-88.3479669	4678889.846	388809.1505
2021	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25430829	-88.34795798	4678891.994	388809.92
2022	Eastern cottonwood	Populus deltoides	11	Fair	NO		42.25431013	-88.34796742	4678892.21	388809.1446
2023	Silver maple	Acer saccharinum	9	Good	NO		42.25438313	-88.34799513	4678900.352	388806.987

2024	Eastern cottonwood	Populus deltoides	18	Poor	NO		42.25436585	-88.34795792	4678898.385	388810.0264
2025	Silver maple	Acer saccharinum	11	Fair	NO		42.25440862	-88.34801898	4678903.214	388805.0648
2026	Box elder	Acer negundo	6	Fair	NO		42.25434722	-88.34806249	4678896.452	388801.3676
2027	Eastern cottonwood	Populus deltoides	14	Fair	NO	Multistem	42.25428499	-88.34808397	4678889.571	388799.4867
2028	Eastern cottonwood	Populus deltoides	10	Dead	NO	Multistem	42.25431249	-88.34811577	4678892.665	388796.9113
2029	Eastern cottonwood	Populus deltoides	8	Dead	NO		42.2543779	-88.34815434	4678899.979	388793.8454
2030	Box elder	Acer negundo	8	Fair	NO		42.25431624	-88.34819021	4678893.179	388790.7781
2031	Eastern cottonwood	Populus deltoides	19	Fair	NO		42.25430871	-88.34821255	4678892.372	388788.922
2032	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25428378	-88.34822523	4678889.62	388787.8321
2033	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.2542697	-88.34827334	4678888.12	388783.8385
2034	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25427988	-88.34819178	4678889.144	388790.5843
2035	Eastern cottonwood	Populus deltoides	10	Poor	NO		42.25422631	-88.3483447	4678883.396	388777.8758
2036	Eastern cottonwood	Populus deltoides	16	Fair	NO		42.25430947	-88.34836082	4678892.65	388776.6921
2037	Box elder	Acer negundo	6	Poor	NO		42.25428317	-88.34837851	4678889.753	388775.1871
2038	Box elder	Acer negundo	6	Fair	NO		42.25429384	-88.3483341	4678890.88	388778.8689
2039	Eastern cottonwood	Populus deltoides	17	Poor	NO		42.25431634	-88.34837963	4678893.438	388775.1527
2040	Eastern cottonwood	Populus deltoides	14	Fair	NO		42.25430606	-88.34841387	4678892.342	388772.3106
2041	Eastern cottonwood	Populus deltoides	6	Fair	NO		42.25430084	-88.34844159	4678891.798	388770.0145
2042	Eastern cottonwood	Populus deltoides	15	Fair	NO		42.25432938	-88.3484377	4678894.962	388770.3858
2043	Eastern cottonwood	Populus deltoides	15	Poor	NO		42.25434937	-88.34848033	4678897.236	388766.9042
2044	Eastern cottonwood	Populus deltoides	12	Dead	NO		42.2542366	-88.34843679	4678884.659	388770.2978
2045	Eastern cottonwood	Populus deltoides	23	Fair	NO		42.25424948	-88.34850276	4678886.175	388764.8786
2046	Eastern cottonwood	Populus deltoides	20	Fair	NO		42.254206	-88.3485344	4678881.388	388762.1921
2047	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25420695	-88.34857536	4678881.547	388758.8152
2048	Eastern cottonwood	Populus deltoides	6	Poor	NO		42.25417632	-88.3485878	4678878.162	388757.7351
2049	Box elder	Acer negundo	17	Poor	NO	Multistem	42.25413403	-88.3484991	4678873.351	388764.9773
2050	Black willow	Salix nigra	10	Poor	NO		42.25427131	-88.34856587	4678888.681	388759.7113
2051	Black willow	Salix nigra	11	Poor	NO		42.25428296	-88.34854857	4678889.952	388761.1585
2052	Eastern cottonwood	Populus deltoides	9	Poor	NO		42.25430329	-88.34854834	4678892.209	388761.2134
2053	Eastern cottonwood	Populus deltoides	6	Poor	NO		42.25429014	-88.34851226	4678890.702	388764.1659
2054	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.2543173	-88.34849534	4678893.695	388765.6094
2055	Eastern cottonwood	Populus deltoides	8	Fair	NO		42.25433271	-88.34853008	4678895.452	388762.7708
2056	Eastern cottonwood	Populus deltoides	9	Dead	NO		42.25435907	-88.34856731	4678898.427	388759.7466
2057	Eastern cottonwood	Populus deltoides	9	Fair	NO		42.25423823	-88.34859184	4678885.042	388757.5105
2058	Eastern cottonwood	Populus deltoides	6	Poor	NO		42.25420043	-88.34860547	4678880.862	388756.3194
2059	Eastern cottonwood	Populus deltoides	26	Fair	NO	Multistem	42.25421254	-88.34862021	4678882.226	388755.1252
2060	Eastern cottonwood	Populus deltoides	28	Fair	NO	Multistem	42.2542155	-88.34862561	4678882.562	388754.6852
2061	Eastern cottonwood	Populus deltoides	9	Fair	NO		42.25423231	-88.34863919	4678884.446	388753.5944
2062	Box elder	Acer negundo	6	Poor	NO		42.25424937	-88.34870611	4678886.428	388748.1041
2063	Box elder	Acer negundo	7	Poor	NO		42.25427899	-88.34868662	4678889.691	388749.7634
2064	Box elder	Acer negundo	10	Fair	NO		42.25430739	-88.34871619	4678892.884	388747.3748
2065	Black willow	Salix nigra	17	Poor	NO	Multistem	42.25437726	-88.34864417	4678900.548	388753.4383
2066	Silver maple	Acer saccharinum	6	Poor	NO		42.25438986	-88.34853133	4678901.8	388762.7683
2067	Black willow	Salix nigra	10	Poor	NO		42.25438357	-88.34849844	4678901.058	388765.4708
2068	Black willow	Salix nigra	11	Fair	NO		42.25437775	-88.34845631	4678900.356	388768.9352

2069	Eastern cottonwood	Populus deltoides	18	Fair	NO	42.25445139	-88.34848001	4678908.564	388767.1101
2070	Eastern cottonwood	Populus deltoides	14	Fair	NO	42.25442297	-88.3484467	4678905.366	388769.8078
2071	Quaking aspen	Populus tremuloides	6	Poor	NO	42.25449674	-88.34831471	4678913.384	388780.8253
2072	Box elder	Acer negundo	6	Fair	NO	42.2544652	-88.34831441	4678909.882	388780.7941
2073	Box elder	Acer negundo	6	Poor	NO	42.25441941	-88.34834555	4678904.838	388778.145
2074	Box elder	Acer negundo	6	Poor	NO	42.25441126	-88.34838504	4678903.984	388774.8731
2075	Black willow	Salix nigra	12	Fair	NO	42.25437615	-88.34836585	4678900.061	388776.395
2076	Eastern cottonwood	Populus deltoides	15	Poor	NO	42.25434929	-88.3483112	4678897.007	388780.8556
2077	Eastern cottonwood	Populus deltoides	13	Fair	NO	42.2543659	-88.34826489	4678898.79	388784.7049
2078	Eastern cottonwood	Populus deltoides	8	Fair	NO	42.25439946	-88.34822542	4678902.466	388788.0193
2079	Eastern cottonwood	Populus deltoides	14	Fair	NO	42.25440484	-88.34817988	4678903.004	388791.786
2080	Eastern cottonwood	Populus deltoides	21	Poor	NO	42.25445103	-88.34820735	4678908.169	388789.6005
2081	Eastern cottonwood	Populus deltoides	7	Dead	NO	42.25446664	-88.34819784	4678909.889	388790.4127
2082	Eastern cottonwood	Populus deltoides	6	Dead	NO	42.25444426	-88.34818392	4678907.386	388791.5212
2083	Eastern cottonwood	Populus deltoides	10	Dead	NO	42.25440151	-88.34813481	4678902.575	388795.4977
2084	Eastern cottonwood	Populus deltoides	15	Dead	NO	42.25442184	-88.34816437	4678904.871	388793.0953
2085	Silver maple	Acer saccharinum	18	Poor	NO	42.25442141	-88.34819413	4678904.862	388790.6393
2086	Silver maple	Acer saccharinum	6	Dead	NO	42.25444701	-88.34812716	4678907.618	388796.2088
2087	American elm	Ulmus americana	6	Fair	YES	42.25439421	-88.34864717	4678902.434	388753.2205
2088	American elm	Ulmus americana	6	Fair	YES	42.25440912	-88.34874991	4678904.223	388744.7715
2089	White mulberry	Morus alba	6	Fair	NO	42.25448205	-88.3486799	4678912.23	388750.675
2090	Black walnut	Juglans nigra	6	Fair	NO	42.25425281	-88.34876001	4678886.88	388743.6635
2091	Black walnut	Juglans nigra	7	Poor	NO	42.25420134	-88.3487493	4678881.151	388744.457
2092	American elm	Ulmus americana	8	Poor	YES	42.25419384	-88.34882206	4678880.414	388738.4421
2093	Bitternut hickory	Carya cordiformis	7	Fair	YES	42.25428495	-88.34884662	4678890.562	388736.5764
2094	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.2543157	-88.34885495	4678893.987	388735.9432
2095	Red cedar	Juniperus virginiana	6	Poor	NO	42.25433801	-88.34885252	4678896.461	388736.1826
2096	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25430858	-88.34889099	4678893.244	388732.9576
2097	Bitternut hickory	Carya cordiformis	7	Fair	YES	42.25427033	-88.34890908	4678889.02	388731.3982
2098	Unknown		6	Dead	NO	42.25425946	-88.34894678	4678887.863	388728.2686
2099	Bitternut hickory	Carya cordiformis	7	Fair	YES	42.25427448	-88.3490141	4678889.619	388722.7421
2100	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25428748	-88.34899076	4678891.032	388724.6901
2101	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25430862	-88.34895302	4678893.329	388727.8407
2102	White mulberry	Morus alba	11	Fair	NO	42.25436724	-88.34891485	4678899.789	388731.0922
2103	Bitternut hickory	Carya cordiformis	8	Fair	YES	42.2544179	-88.34890742	4678905.404	388731.7943
2104	Bitternut hickory	Carya cordiformis	8	Fair	YES	42.25445341	-88.34891859	4678909.362	388730.9357
2105	Red cedar	Juniperus virginiana	6	Poor	NO	42.25445554	-88.34894822	4678909.636	388728.4951
2106	White mulberry	Morus alba	6	Fair	NO	42.25445175	-88.34886168	4678909.102	388735.6269
2107	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25444217	-88.34881985	4678907.985	388739.0606
2108	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25444217	-88.34881985	4678907.985	388739.0606
2109	Black walnut	Juglans nigra	6	Fair	NO	42.25436694	-88.34886778	4678899.694	388734.9749
2110	Black cherry	Prunus serotina	15	Fair	NO	42.25435838	-88.34900435	4678898.922	388723.6937
2111	Red cedar	Juniperus virginiana	8	Poor	NO	42.25440157	-88.34898831	4678903.696	388725.0931
2112	Black walnut	Juglans nigra	6	Fair	NO	42.25437421	-88.34901904	4678900.698	388722.5101
2113	Bitternut hickory	Carya cordiformis	6	Poor	YES	42.25433079	-88.34903882	4678895.903	388720.8019

2114	Bitternut hickory	Carya cordiformis	7	Fair	YES	Multistem	42.2543303	-88.34906398	4678895.881	388718.7262
2115	Black walnut	Juglans nigra	8	Fair	NO		42.2543895	-88.3491043	4678902.508	388715.5037
2116	Bitternut hickory	Carya cordiformis	7	Fair	YES	Multistem	42.25442769	-88.34908142	4678906.719	388717.4584
2117	White oak	Quercus alba	8	Poor	YES		42.25444446	-88.34915149	4678908.671	388711.7083
2118	White oak	Quercus alba	6	Fair	YES		42.25445128	-88.34920062	4678909.494	388707.6674
2119	Bitternut hickory	Carya cordiformis	7	Fair	YES		42.25436633	-88.34924027	4678900.113	388704.2471
2120	Bitternut hickory	Carya cordiformis	8	Fair	YES		42.25440333	-88.34927253	4678904.263	388701.6512
2121	Bitternut hickory	Carya cordiformis	6	Fair	YES		42.25432797	-88.34928905	4678895.917	388700.1561
2122	Bitternut hickory	Carya cordiformis	6	Fair	YES		42.25437323	-88.34937927	4678901.061	388692.7933
2123	White oak	Quercus alba	7	Fair	YES	Multistem	42.25430769	-88.34939086	4678893.798	388691.7221
2124	Bitternut hickory	Carya cordiformis	9	Fair	YES	Multistem	42.25425859	-88.34950892	4678888.501	388681.897
2125	Bitternut hickory	Carya cordiformis	6	Poor	YES		42.25424729	-88.34951903	4678887.259	388681.0432
2126	Bitternut hickory	Carya cordiformis	6	Fair	YES		42.25423258	-88.34962297	4678885.761	388672.4434
2127	Bitternut hickory	Carya cordiformis	7	Fair	YES		42.25429353	-88.34966571	4678892.585	388669.0247
2128	Pussy willow	Salix discolor	11	Poor	NO		42.25421652	-88.34970144	4678884.08	388665.9418
2129	Bitternut hickory	Carya cordiformis	8	Fair	YES		42.25421893	-88.34975341	4678884.416	388661.6596
2130	Shagbark hickory	Carya ovata	7	Fair	YES		42.25419537	-88.3497848	4678881.841	388659.0283
2131	Black cherry	Prunus serotina	7	Poor	NO	Multistem	42.2542368	-88.34978899	4678886.447	388658.7559
2132	Black cherry	Prunus serotina	6	Fair	NO		42.25422117	-88.34897808	4678883.652	388725.6196
2133	Red cedar	Juniperus virginiana	6	Fair	NO		42.25419513	-88.34897432	4678880.756	388725.884
2134	Red cedar	Juniperus virginiana	8	Fair	NO		42.25416683	-88.3489434	4678877.573	388728.3847
2135	Siberian crabapple	Malus baccata	6	Poor	NO		42.25416091	-88.34891186	4678876.874	388730.9764
2136	Red cedar	Juniperus virginiana	7	Poor	NO		42.25418285	-88.34883669	4678879.212	388737.2157
2137	Black walnut	Juglans nigra	6	Fair	NO		42.25413862	-88.34883682	4678874.301	388737.1275
2138	Black walnut	Juglans nigra	6	Fair	NO		42.25414579	-88.34887153	4678875.142	388734.2761
2139	Black walnut	Juglans nigra	7	Fair	NO		42.25413069	-88.3488488	4678873.437	388736.1252
2140	Siberian crabapple	Malus baccata	7	Fair	NO		42.25411274	-88.34883419	4678871.424	388737.2983
2141	Black walnut	Juglans nigra	7	Fair	NO		42.25414268	-88.34877195	4678874.667	388742.4855
2142	Black walnut	Juglans nigra	8	Fair	NO		42.25417293	-88.34872954	4678877.971	388746.0368
2143	Black walnut	Juglans nigra	12	Fair	NO		42.2541385	-88.34874232	4678874.165	388744.9222
2144	Black walnut	Juglans nigra	10	Fair	NO		42.25413118	-88.34872941	4678873.334	388745.9743
2145	Box elder	Acer negundo	19	Poor	NO	Multistem	42.25414962	-88.34858458	4678875.193	388757.9533
2146	Box elder	Acer negundo	6	Poor	NO		42.25416658	-88.34866333	4678877.179	388751.487
2147	Unknown		9	Dead	NO		42.25410736	-88.34866323	4678870.604	388751.3916
2148	Box elder	Acer negundo	9	Poor	NO	Multistem	42.2540876	-88.34864928	4678868.392	388752.5075
2149	Box elder	Acer negundo	9	Poor	NO	Multistem	42.25408645	-88.3486351	4678868.245	388753.6751
2150	Box elder	Acer negundo	7	Poor	NO		42.25409146	-88.34860876	4678868.767	388755.857
2151	Eastern cottonwood	Populus deltoides	22	Fair	NO	Multistem	42.25407361	-88.34855754	4678866.719	388760.0508
2152	Box elder	Acer negundo	11	Poor	NO	Multistem	42.25406186	-88.34862234	4678865.498	388754.6845
2153	Box elder	Acer negundo	8	Poor	NO	Multistem	42.25407676	-88.34865452	4678867.194	388752.0558
2154	Box elder	Acer negundo	8	Poor	NO	Multistem	42.25399725	-88.34862351	4678858.326	388754.4745
2155	Eastern cottonwood	Populus deltoides	17	Fair	NO		42.25394332	-88.34858596	4678852.289	388757.4773
2156	Eastern cottonwood	Populus deltoides	12	Fair	NO		42.25396875	-88.34860373	4678855.136	388756.0559
2157	Box elder	Acer negundo	6	Fair	NO		42.25399759	-88.34854072	4678858.255	388761.3043
2158	Eastern cottonwood	Populus deltoides	10	Fair	NO		42.25404162	-88.34851479	4678863.11	388763.5205

2159	Eastern cottonwood	Populus deltoides	6	Fair	NO	42.25405843	-88.34852176	4678864.986	388762.9757
2160	Eastern cottonwood	Populus deltoides	18	Fair	NO	42.25410367	-88.34851379	4678869.999	388763.7127
2161	Eastern cottonwood	Populus deltoides	18	Poor	NO	42.25409337	-88.34851293	4678868.854	388763.7651
2162	Eastern cottonwood	Populus deltoides	19	Fair	NO	42.25407827	-88.34846954	4678867.12	388767.3175
2163	Eastern cottonwood	Populus deltoides	13	Fair	NO	42.25404481	-88.34847131	4678863.408	388767.1132
2164	Eastern cottonwood	Populus deltoides	13	Poor	NO	42.25406315	-88.34843606	4678865.398	388770.0533
2165	Eastern cottonwood	Populus deltoides	15	Dead	NO	42.25415911	-88.34845207	4678876.074	388768.901
2166	Black willow	Salix nigra	6	Fair	NO	42.25403874	-88.34839689	4678862.636	388773.2412
2167	Box elder	Acer negundo	6	Fair	NO	42.25403898	-88.34844749	4678862.729	388769.0678
2168	Eastern cottonwood	Populus deltoides	10	Fair	NO	42.25399838	-88.34849864	4678858.288	388764.777
2169	Eastern cottonwood	Populus deltoides	13	Fair	NO	42.25397235	-88.34851814	4678855.423	388763.1224
2170	Eastern cottonwood	Populus deltoides	12	Fair	NO	42.25395363	-88.34852262	4678853.35	388762.7204
2171	Eastern cottonwood	Populus deltoides	15	Fair	NO	42.25393445	-88.34843472	4678851.106	388769.9376
2172	Eastern cottonwood	Populus deltoides	8	Poor	NO	42.25391958	-88.34842713	4678849.445	388770.5374
2173	Eastern cottonwood	Populus deltoides	10	Poor	NO	42.25390262	-88.34842507	4678847.559	388770.6775
2174	Eastern cottonwood	Populus deltoides	19	Fair	NO	42.25387492	-88.34846159	4678844.531	388767.6159
2175	Eastern cottonwood	Populus deltoides	8	Fair	NO	42.25386461	-88.34848574	4678843.417	388765.6063
2176	Red cedar	Juniperus virginiana	6	Fair	NO	42.25383879	-88.34845903	4678840.515	388767.7643
2177	Eastern cottonwood	Populus deltoides	22	Fair	NO	42.25386675	-88.34852952	4678843.713	388761.9987
2178	Eastern cottonwood	Populus deltoides	16	Fair	NO	42.25390937	-88.34862478	4678848.57	388754.2149
2179	Box elder	Acer negundo	6	Fair	NO	42.25394807	-88.34863642	4678852.881	388753.323
2180	Silver maple	Acer saccharinum	7	Poor	NO	42.25395426	-88.34861776	4678853.544	388754.8735
2181	Box elder	Acer negundo	6	Fair	NO	42.25397612	-88.34866949	4678856.04	388750.6447
2182	American elm	Ulmus americana	10	Fair	YES	42.25401515	-88.34866889	4678860.372	388750.7625
2183	Box elder	Acer negundo	6	Poor	NO	42.25405049	-88.34876351	4678864.42	388743.0198
2184	Box elder	Acer negundo	6	Poor	NO	42.25408594	-88.34878344	4678868.382	388741.4374
2185	Box elder	Acer negundo	6	Poor	NO	42.25408825	-88.34874479	4678868.588	388744.6301
2186	Box elder	Acer negundo	8	Fair	NO	42.25392491	-88.34873149	4678850.434	388745.4398
2187	Box elder	Acer negundo	6	Fair	NO	42.25395174	-88.34876199	4678853.453	388742.9716
2188	Box elder	Acer negundo	8	Fair	NO	42.25391394	-88.34876694	4678849.262	388742.4964
2189	Box elder	Acer negundo	6	Fair	NO	42.25388517	-88.34879122	4678846.1	388740.4429
2190	Box elder	Acer negundo	7	Fair	NO	42.25387183	-88.3487813	4678844.605	388741.2381
2191	Box elder	Acer negundo	7	Fair	NO	42.25386492	-88.34879184	4678843.852	388740.3566
2192	Box elder	Acer negundo	6	Poor	NO	42.25384257	-88.34877653	4678841.35	388741.5804
2193	Box elder	Acer negundo	6	Fair	NO	42.25382013	-88.34878138	4678838.865	388741.1407
2194	Black cherry	Prunus serotina	12	Fair	NO	42.2538389	-88.34868208	4678840.819	388749.3645
2195	Red cedar	Juniperus virginiana	8	Fair	NO	42.25380393	-88.34872039	4678836.987	388746.1427
2196	Red cedar	Juniperus virginiana	6	Dead	NO	42.25382022	-88.34870232	4678838.771	388747.6621
2197	Black cherry	Prunus serotina	6	Poor	NO	42.25380202	-88.34870159	4678836.75	388747.6907
2198	White mulberry	Morus alba	7	Poor	NO	42.25384241	-88.34864648	4678841.162	388752.3078
2199	Siberian elm	Ulmus pumila	6	Fair	YES	42.25377126	-88.34871439	4678833.351	388746.5802
2200	Box elder	Acer negundo	6	Fair	NO	42.25375156	-88.34881067	4678831.289	388738.6036
2201	Box elder	Acer negundo	7	Fair	NO	42.25372887	-88.34881334	4678828.773	388738.344
2202	Box elder	Acer negundo	6	Fair	NO	42.25372014	-88.34878691	4678827.77	388740.5085
2203	Box elder	Acer negundo	6	Fair	NO	42.25370596	-88.34881806	4678826.236	388737.9139

2204	American elm	Ulmus americana	7	Fair	YES	42.25365631	-88.34878553	4678820.68	388740.5101
2205	Black cherry	Prunus serotina	10	Fair	NO	42.25363184	-88.34879693	4678817.978	388739.527
2206	Black cherry	Prunus serotina	8	Dead	NO	42.25363576	-88.34884849	4678818.48	388735.2808
2207	Black cherry	Prunus serotina	6	Dead	NO	42.25365961	-88.34886819	4678821.155	388733.6974
2208	Box elder	Acer negundo	7	Fair	NO	42.25369019	-88.34890787	4678824.602	388730.4782
2209	Box elder	Acer negundo	6	Fair	NO	42.25370387	-88.34889004	4678826.098	388731.973
2210	Box elder	Acer negundo	8	Poor	NO	42.25371521	-88.34887649	4678827.339	388733.1101
2211	Box elder	Acer negundo	6	Poor	NO	42.25372594	-88.34889604	4678828.556	388731.5166
2212	Box elder	Acer negundo	7	Poor	NO	42.25373228	-88.34891514	4678829.285	388729.9525
2213	Box elder	Acer negundo	6	Poor	NO	42.2537104	-88.3489215	4678826.864	388729.3887
2214	Box elder	Acer negundo	6	Poor	NO	42.25369874	-88.34892511	4678825.574	388729.0711
2215	Box elder	Acer negundo	7	Fair	NO	42.2536927	-88.34892596	4678824.904	388728.9897
2216	Box elder	Acer negundo	11	Fair	NO	42.25366418	-88.34895686	4678821.777	388726.3907
2217	Box elder	Acer negundo	6	Poor	NO	42.25363443	-88.34894934	4678818.464	388726.9586
2218	Box elder	Acer negundo	8	Fair	NO	42.2536373	-88.34896732	4678818.807	388725.4809
2219	Box elder	Acer negundo	6	Poor	NO	42.25364463	-88.3489767	4678819.633	388724.7197
2220	Box elder	Acer negundo	7	Fair	NO	42.25362392	-88.34898222	4678817.34	388724.228
2221	Box elder	Acer negundo	8	Dead	NO	42.25360086	-88.34894565	4678814.732	388727.2045
2222	Box elder	Acer negundo	6	Dead	NO	42.25360991	-88.34902781	4678815.845	388720.4431
2223	American elm	Ulmus americana	10	Fair	YES	42.2535819	-88.34903792	4678812.748	388719.5598
2224	Box elder	Acer negundo	6	Fair	NO	42.25357772	-88.34900382	4678812.239	388722.3651
2225	Box elder	Acer negundo	8	Fair	NO	42.25366258	-88.34901069	4678821.67	388721.9474
2226	Box elder	Acer negundo	6	Poor	NO	42.25366284	-88.34899273	4678821.675	388723.4296
2227	Box elder	Acer negundo	10	Fair	NO	42.25369136	-88.34895176	4678824.789	388726.8595
2228	Box elder	Acer negundo	8	Fair	NO	42.25373361	-88.348944	4678829.47	388727.5739
2229	Box elder	Acer negundo	6	Fair	NO	42.25374214	-88.34895134	4678830.427	388726.9836
2230	Box elder	Acer negundo	6	Poor	NO	42.25374186	-88.34893333	4678830.372	388728.4684
2231	Box elder	Acer negundo	7	Poor	NO	42.25374526	-88.3488958	4678830.701	388731.57
2232	Box elder	Acer negundo	9	Fair	NO	42.25377835	-88.34891937	4678834.406	388729.6846
2233	Box elder	Acer negundo	6	Fair	NO	42.25378492	-88.34888975	4678835.097	388732.1389
2234	Box elder	Acer negundo	6	Poor	NO	42.25379484	-88.3488477	4678836.144	388735.6254
2235	Box elder	Acer negundo	7	Poor	NO	42.25377251	-88.34881009	4678833.615	388738.6881
2236	Box elder	Acer negundo	6	Poor	NO	42.25379466	-88.34881852	4678836.086	388738.0319
2237	Box elder	Acer negundo	10	Poor	NO	42.25381835	-88.34881008	4678838.705	388738.7698
2238	Box elder	Acer negundo	6	Fair	NO	42.25386518	-88.34882617	4678843.925	388737.5251
2239	Bitternut hickory	Carya cordiformis	7	Fair	YES	42.25388504	-88.34886674	4678846.184	388734.213
2240	Black walnut	Juglans nigra	9	Fair	NO	42.25386235	-88.34897132	4678843.801	388725.5463
2241	Box elder	Acer negundo	8	Poor	NO	42.25381679	-88.34900442	4678838.786	388722.7358
2242	Box elder	Acer negundo	9	Poor	NO	42.25381181	-88.34896716	4678838.184	388725.8009
2243	Box elder	Acer negundo	11	Fair	NO	42.25379862	-88.34896212	4678836.712	388726.1936
2244	Box elder	Acer negundo	7	Fair	NO	42.25376325	-88.34899261	4678832.825	388723.6164
2245	Box elder	Acer negundo	6	Fair	NO	42.25377145	-88.34902532	4678833.778	388720.9322
2246	Box elder	Acer negundo	7	Fair	NO	42.25377123	-88.34904258	4678833.776	388719.5079
2247	Box elder	Acer negundo	7	Fair	NO	42.25375189	-88.34904636	4678831.634	388719.1622
2248	Box elder	Acer negundo	7	Fair	NO	42.2537139	-88.34902622	4678827.389	388720.7572

2249	Box elder	Acer negundo	6	Poor	NO	42.25371548	-88.34899503	4678827.523	388723.3325	
2250	Box elder	Acer negundo	6	Poor	NO	42.25371165	-88.34897276	4678827.069	388725.1625	
2251	Box elder	Acer negundo	7	Poor	NO	42.25373693	-88.34899864	4678829.91	388723.0723	
2252	Box elder	Acer negundo	6	Poor	NO	42.25371039	-88.34904991	4678827.03	388718.7967	
2253	Box elder	Acer negundo	6	Fair	NO	42.25372698	-88.34905621	4678828.88	388718.306	
2254	Box elder	Acer negundo	6	Dead	NO	42.25373433	-88.34908223	4678829.731	388716.1722	
2255	Box elder	Acer negundo	7	Fair	NO	42.25370008	-88.34908611	4678825.933	388715.7923	
2256	Box elder	Acer negundo	6	Dead	NO	42.25367316	-88.3490591	4678822.909	388717.973	
2257	Box elder	Acer negundo	9	Poor	NO	42.25364688	-88.34904386	4678819.97	388719.1836	
2258	Box elder	Acer negundo	6	Poor	NO	42.25364213	-88.34909005	4678819.503	388715.3655	
2259	Box elder	Acer negundo	7	Poor	NO	42.25361663	-88.34911289	4678816.701	388713.4367	
2260	Box elder	Acer negundo	8	Poor	NO	42.25360208	-88.34909316	4678815.06	388715.0379	
2261	Black cherry	Prunus serotina	9	Poor	NO	42.25360309	-88.3491143	4678815.2	388713.2962	
2262	Box elder	Acer negundo	6	Fair	NO	42.25356631	-88.34910589	4678811.105	388713.9254	
2263	Box elder	Acer negundo	6	Fair	NO	42.25356451	-88.34912057	4678810.925	388712.7112	
2264	Black cherry	Prunus serotina	8	Fair	NO	42.25357154	-88.34917929	4678811.782	388707.8799	
2265	Box elder	Acer negundo	6	Poor	NO	42.25359589	-88.34914641	4678814.443	388710.6346	
2266	Box elder	Acer negundo	6	Poor	NO	42.25361806	-88.34913675	4678816.892	388711.4706	
2267	Box elder	Acer negundo	7	Poor	NO	42.25363447	-88.34915028	4678818.732	388710.3831	
2268	Box elder	Acer negundo	6	Fair	NO	42.25364172	-88.34914993	4678819.536	388710.4252	
2269	Box elder	Acer negundo	8	Fair	NO	42.25365715	-88.34911723	4678821.206	388713.1498	
2270	Box elder	Acer negundo	7	Poor	NO	42.25367507	-88.34909754	4678823.171	388714.8057	
2271	Box elder	Acer negundo	7	Poor	NO	42.2537004	-88.34910222	4678825.989	388714.4635	
2272	Box elder	Acer negundo	6	Poor	NO	42.25369269	-88.34911472	4678825.149	388713.4195	
2273	Box elder	Acer negundo	7	Fair	NO	42.25369404	-88.34914977	4678825.345	388710.5304	
2274	Box elder	Acer negundo	6	Poor	NO	42.2537024	-88.34918098	4678826.315	388707.9705	
2275	Box elder	Acer negundo	6	Poor	NO	42.25369512	-88.34919608	4678825.526	388706.7119	
2276	Box elder	Acer negundo	6	Poor	NO	42.25368116	-88.34921829	4678824.005	388704.8551	
2277	Box elder	Acer negundo	6	Poor	NO	42.25368154	-88.34924237	4678824.078	388702.8699	
2278	Box elder	Acer negundo	6	Poor	NO	42.2536461	-88.34926765	4678820.176	388700.7225	
2279	Box elder	Acer negundo	8	Dead	NO	42.25363769	-88.34924855	4678819.217	388702.2825	
2280	Box elder	Acer negundo	7	Poor	NO	42.25362802	-88.34921886	4678818.105	388704.7146	
2281	Box elder	Acer negundo	6	Dead	NO	42.25365009	-88.34920217	4678820.534	388706.1308	
2282	Box elder	Acer negundo	6	Poor	NO	42.25361445	-88.34926217	4678816.655	388701.1181	
2283	Black walnut	Juglans nigra	9	Fair	NO	42.25358725	-88.34927494	4678813.651	388700.0168	
2284	Sugar maple	Acer saccharum	6	Fair	YES	42.25359437	-88.34933882	4678814.525	388694.7606	
2285	Eastern cottonwood	Populus deltoides	15	Good	NO	42.2535013	-88.35177723	4678807.38	388493.4515	
2286	Eastern cottonwood	Populus deltoides	17.5	Good	NO	42.25351517	-88.35179243	4678808.94	388492.222	
2287	American elm	Ulmus americana	9.5	Poor	YES	Multistem	42.25354945	-88.35177835	4678812.727	388493.4439
2288	American elm	Ulmus americana	6	Fair	YES	Multistem	42.25357873	-88.35184424	4678816.065	388488.0599
2289	Black walnut	Juglans nigra	9	Fair	NO	Multistem	42.25355048	-88.35182368	4678812.901	388489.7059
2290	Sugar maple	Acer saccharum	57	Good	YES	Multistem	42.25362846	-88.35188965	4678821.646	388484.402
2291	Black walnut	Juglans nigra	6.5	Fair	NO	42.25364116	-88.35176197	4678822.89	388494.9562	
2292	Black walnut	Juglans nigra	11.5	Good	NO	42.25366928	-88.35171781	4678825.954	388498.6486	
2293	Black walnut	Juglans nigra	6	Fair	NO	42.25368572	-88.35169967	4678827.756	388500.1741	

2294	Black walnut	Juglans nigra	10	Good	NO		42.25364306	-88.35171183	4678823.035	388499.096
2295	Box elder	Acer negundo	6	Poor	NO		42.2536602	-88.34928624	4678821.767	388699.2133
2296	American elm	Ulmus americana	6	Dead	YES		42.25358454	-88.35164605	4678816.451	388504.419
2297	Box elder	Acer negundo	6	Poor	NO	Multistem	42.25364201	-88.34930641	4678819.773	388697.5176
2298	American elm	Ulmus americana	6.5	Fair	YES		42.25361834	-88.35164689	4678820.205	388504.4089
2299	Box elder	Acer negundo	6	Poor	NO		42.25366023	-88.34932579	4678821.821	388695.9506
2300	Black walnut	Juglans nigra	11	Fair	NO		42.25362417	-88.35160568	4678820.798	388507.8194
2301	Black walnut	Juglans nigra	6.5	Fair	NO		42.25365047	-88.35162352	4678823.742	388506.3939
2302	Black walnut	Juglans nigra	6	Fair	NO		42.25365235	-88.35158321	4678823.898	388509.7224
2303	Black walnut	Juglans nigra	8	Good	NO		42.25368014	-88.35162415	4678827.037	388506.3944
2304	Black walnut	Juglans nigra	13	Good	NO		42.25360876	-88.35150206	4678818.951	388516.3395
2305	Black walnut	Juglans nigra	11	Fair	NO	Multistem	42.25364408	-88.35146285	4678822.822	388519.6365
2306	Black walnut	Juglans nigra	7	Good	NO		42.25363215	-88.3514373	4678821.465	388521.7226
2307	Box elder	Acer negundo	8	Poor	NO		42.25371931	-88.34930638	4678828.356	388697.6562
2308	Black walnut	Juglans nigra	6	Fair	NO		42.25366584	-88.35143879	4678825.207	388521.6594
2309	Box elder	Acer negundo	6	Poor	NO		42.25370796	-88.34923354	4678827	388703.6442
2310	Black walnut	Juglans nigra	7	Good	NO		42.25368622	-88.35143796	4678827.468	388521.7638
2311	Black walnut	Juglans nigra	13	Good	NO		42.25368622	-88.35143796	4678827.468	388521.7638
2312	Box elder	Acer negundo	10	Fair	NO		42.25373484	-88.34920619	4678829.95	388705.9479
2313	Black walnut	Juglans nigra	13.5	Good	NO		42.25370494	-88.35135393	4678829.437	388528.7283
2314	Box elder	Acer negundo	6	Dead	NO		42.25375406	-88.34920773	4678832.086	388705.8549
2315	Box elder	Acer negundo	6	Poor	NO		42.25375193	-88.34923411	4678831.883	388703.6748
2316	Black walnut	Juglans nigra	6.5	Good	NO		42.25376259	-88.35136375	4678835.852	388528.0196
2317	Box elder	Acer negundo	6	Dead	NO		42.25371625	-88.34937509	4678828.106	388691.9828
2318	Black walnut	Juglans nigra	7	Good	NO		42.25371472	-88.35128756	4678830.436	388534.2199
2319	Box elder	Acer negundo	6	Dead	NO		42.25373058	-88.34924698	4678829.529	388702.576
2320	Bitternut hickory	Carya cordiformis	5.5	Good	YES		42.25372944	-88.35125691	4678832.031	388536.7745
2321	Box elder	Acer negundo	8	Poor	NO		42.25374193	-88.34923666	4678830.776	388703.4469
2322	Box elder	Acer negundo	9	Poor	NO	Multistem	42.25378196	-88.34922318	4678835.204	388704.6295
2323	Black walnut	Juglans nigra	11	Good	NO		42.25374491	-88.35124728	4678833.736	388537.5964
2324	Box elder	Acer negundo	10	Poor	NO	Multistem	42.25380671	-88.34925673	4678837.996	388701.9055
2325	Box elder	Acer negundo	6	Dead	NO		42.25379803	-88.34928733	4678837.072	388699.366
2326	Box elder	Acer negundo	7	Poor	NO		42.25375604	-88.34932332	4678832.457	388696.3231
2327	Box elder	Acer negundo	8	Dead	NO		42.25376804	-88.3493792	4678833.862	388691.7344
2328	Box elder	Acer negundo	8	Dead	NO		42.25380846	-88.34932574	4678838.28	388696.2154
2329	Box elder	Acer negundo	8	Fair	NO		42.25380663	-88.34929733	4678838.04	388698.5563
2330	Box elder	Acer negundo	9	Fair	NO		42.25380839	-88.34936608	4678838.326	388692.8882
2331	Box elder	Acer negundo	9	Fair	NO		42.25382346	-88.34936177	4678839.993	388693.2702
2332	Black walnut	Juglans nigra	8	Fair	NO		42.25383521	-88.34941328	4678841.365	388689.0418
2333	Box elder	Acer negundo	7	Poor	NO	Multistem	42.25380873	-88.34942408	4678838.438	388688.1044
2334	Box elder	Acer negundo	8	Dead	NO	Multistem	42.25379267	-88.34944321	4678836.68	388686.4981
2335	Box elder	Acer negundo	6	Fair	NO		42.25382286	-88.34944436	4678840.034	388686.456
2336	Black cherry	Prunus serotina	8	Poor	NO	Multistem	42.25421177	-88.34981652	4678883.704	388656.4412
2337	Shagbark hickory	Carya ovata	6	Fair	YES		42.25422776	-88.34985351	4678885.528	388653.4178
2338	Black walnut	Juglans nigra	13	Fair	NO		42.25371632	-88.3512388	4678830.551	388538.2449

2339	Black walnut	Juglans nigra	7	Fair	NO	42.25377175	-88.35132605	4678836.819	388531.146
2340	Black walnut	Juglans nigra	11.5	Fair	NO	42.25376364	-88.35131978	4678835.911	388531.6483
2341	Black walnut	Juglans nigra	10	Fair	NO	42.25378625	-88.35133479	4678838.441	388530.4499
2342	Black walnut	Juglans nigra	10	Poor	NO	42.25376557	-88.35122509	4678836.001	388539.463
2343	Box elder	Acer negundo	12	Fair	NO	42.2537887	-88.35118188	4678838.512	388543.0681
2344	Black walnut	Juglans nigra	8	Fair	NO	42.25377421	-88.35116472	4678836.881	388544.4585
2345	Black walnut	Juglans nigra	8.5	Fair	NO	42.25379334	-88.35107548	4678838.889	388551.8531
2346	Black walnut	Juglans nigra	10	Fair	NO	42.2537473	-88.35103018	4678833.718	388555.5092
2347	Black walnut	Juglans nigra	15	Fair	NO	42.25382271	-88.35098176	4678842.028	388559.6357
2348	Black walnut	Juglans nigra	6	Good	NO	42.25383146	-88.35091474	4678842.911	388565.1801
2349	Black walnut	Juglans nigra	6	Good	NO	42.25386647	-88.35085137	4678846.716	388570.4684
2350	Black walnut	Juglans nigra	11.5	Fair	NO	42.25383746	-88.35079965	4678843.426	388574.6841
2351	Black cherry	Prunus serotina	6	Poor	NO	42.25393635	-88.35070657	4678854.285	388582.5363
2352	Black cherry	Prunus serotina	19	Fair	NO	42.25393606	-88.35064022	4678854.166	388588.0091
2353	Black cherry	Prunus serotina	16	Fair	NO	42.25388541	-88.35065376	4678848.56	388586.8027
2354	Box elder	Acer negundo	8	Poor	NO	42.25388567	-88.350602	4678848.522	388591.0728
2355	Black walnut	Juglans nigra	20	Good	NO	42.25395083	-88.35061189	4678855.77	388590.3722
2356	White mulberry	Morus alba	6.5	Fair	NO	42.25389097	-88.35056467	4678849.061	388594.1619
2357	White mulberry	Morus alba	6.5	Fair	NO	42.25390343	-88.35057364	4678850.456	388593.4439
2358	Siberian elm	Ulmus pumila	11	Fair	YES	42.25403406	-88.35056289	4678864.947	388594.5601
2359	Siberian elm	Ulmus pumila	8	Fair	YES	42.25400337	-88.35047279	4678861.421	388601.9391
2360	Black walnut	Juglans nigra	13	Good	NO	42.25395096	-88.35043306	4678855.55	388605.1241
2361	Siberian elm	Ulmus pumila	6	Fair	YES	42.25403355	-88.35037087	4678864.64	388610.3994
2362	Black walnut	Juglans nigra	20	Good	NO	42.25405086	-88.35035754	4678866.544	388611.5293
2363	Black walnut	Juglans nigra	15	Good	NO	42.25405978	-88.35032432	4678867.491	388614.2853
2364	Black cherry	Prunus serotina	13	Fair	NO	42.2540398	-88.35027178	4678865.203	388618.5838
2365	Box elder	Acer negundo	6	Poor	NO	42.25405579	-88.35022092	4678866.913	388622.8074
2366	Black walnut	Juglans nigra	12	Good	NO	42.25410777	-88.35016392	4678872.61	388627.6008
2367	Black walnut	Juglans nigra	10	Fair	NO	42.25405752	-88.3500871	4678866.93	388633.8493
2368	Black walnut	Juglans nigra	9.5	Fair	NO	42.25409204	-88.35009773	4678870.777	388633.033
2369	Black walnut	Juglans nigra	10.5	Fair	NO	42.25415724	-88.35001718	4678877.911	388639.7922
2370	Black walnut	Juglans nigra	7	Fair	NO	42.25415835	-88.34998691	4678877.995	388642.2914
2371	Black walnut	Juglans nigra	6	Fair	NO	42.25418659	-88.3500026	4678881.151	388641.0473
2372	Black walnut	Juglans nigra	6	Fair	NO	42.25422083	-88.34988435	4678884.798	388650.8614
2373	Black cherry	Prunus serotina	6	Fair	NO	42.25410342	-88.34977588	4678871.619	388659.6028
2374	Black cherry	Prunus serotina	8	Poor	NO	42.25409769	-88.34965031	4678870.819	388669.9511
2375	Black cherry	Prunus serotina	6	Poor	NO	42.25412833	-88.34963996	4678874.208	388670.8587
2376	Black walnut	Juglans nigra	6	Fair	NO	42.25411823	-88.34950779	4678872.914	388681.7436
2377	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25401396	-88.34933189	4678861.106	388696.0695
2378	Red cedar	Juniperus virginiana	8	Fair	NO	42.25412046	-88.34917005	4678872.721	388709.6072
2379	Red cedar	Juniperus virginiana	9	Fair	NO	42.25416236	-88.34915465	4678877.353	388710.9513
2380	Red cedar	Juniperus virginiana	10	Fair	NO	42.25421385	-88.34914815	4678883.061	388711.5779
2381	Bitternut hickory	Carya cordiformis	6	Fair	YES	42.25423347	-88.34910227	4678885.18	388715.397
2382	Red cedar	Juniperus virginiana	7	Fair	NO	42.25410276	-88.34906163	4678870.613	388718.5195
2383	White mulberry	Morus alba	6	Fair	NO	42.25402235	-88.34895058	4678861.539	388727.5387

2384	Box elder	Acer negundo	8	Fair	NO	42.25395902	-88.34890361	4678854.446	388731.3022
2385	Black walnut	Juglans nigra	8	Fair	NO	42.25391037	-88.34892121	4678849.067	388729.7648
2386	Box elder	Acer negundo	7	Poor	NO	42.25391596	-88.34898936	4678849.777	388724.153
2387	Black cherry	Prunus serotina	9	Fair	NO	42.25391241	-88.34902762	4678849.433	388720.9903
2388	Black walnut	Juglans nigra	6	Fair	NO	42.25389901	-88.34906756	4678847.997	388717.6725
2389	Black cherry	Prunus serotina	6	Fair	NO	42.253874	-88.34908857	4678845.248	388715.8948
2390	Black cherry	Prunus serotina	9	Fair	NO	42.25384592	-88.34910081	4678842.145	388714.8357
2391	Black cherry	Prunus serotina	8	Fair	NO	42.25382003	-88.34910459	4678839.275	388714.4787
2392	Black cherry	Prunus serotina	8	Fair	NO	42.25378669	-88.34914859	4678835.632	388710.7903