



Hampton, Lenzini and Renwick, Inc.

Civil Engineers • Structural Engineers • Land Surveyors • Environmental Specialists
www.hlrengineering.com

MEMORANDUM

TO: Grace L. Dysico, PE – TranSystems
FROM: Alicia Burchacki, McHenry County Certified Wetland Specialist, Hampton, Lenzini, and Renwick, Inc.,
DATE: July 8, 2019
RE: Ackman Road Corridor Feasibility Study - Environmental Screening

McHenry County Division of Transportation is completing a Feasibility Study to address the known capacity and safety concerns along the Ackman Road corridor from Randall Road to Haligus Road. Possible improvements that may be considered for this corridor include roadway widening and reconstruction/resurfacing, intersection improvements, and additional bicycle and pedestrian accommodations. The project is located in the Villages of Crystal Lake, Lake in the Hills and Lakewood, McHenry County, Illinois (T43N, R7E, S 13, 14 & 15 and T43N, R8E, S18).

Hampton, Lenzini and Renwick, Inc. (HLR) carefully reviewed the available mapping, information databases, and conducted a field visit on April 24, 2019. Figure 1 includes an Environmental Inventory Map. A photograph log is included in Appendix A. Each of the environmental components reviewed are summarized below:

Special Waste

Environmental Records Search (ERS) Review: There are a total of eleven sites that are listed on an environmental database within a mile of the project area. Of those eleven sites, only five, Sites 1-5, are shown as being within or directly adjacent to the project area outlined on Figure 1.

- Site 1 is listed under the Spills-IL database and is on the eastern portion of the project area. The ERS listing shows the status of this incident as closed. The reporting date was 7/11/1988. The hazmat incident type is listed as fire. No other information is listed.
- Site 2 is listed under the Hazard Waste Annual Reports (HWAR-IL) and Resource Conservation and Recovery Act, Large Quantity Generators (RCRA-LQG-US) databases. The United States Environmental Protection Agency (USEPA) ID is ILR000171231 and both listings are associated with the large quantity generator listing, six (6) waste codes are associated with this site under the HWAR-IL listing and four waste codes associated with the RCRA listing. There are no violations listed. This site is a CVS Pharmacy located at 1305 Randall Road. A photograph of the site is included in the photograph log (Photograph 1).
- Site 3 is listed under the Aboveground Storage Tank (AST-IL) database. The listing is for an above ground bulk tank associated with Verizon Wireless located at 8917 Ackman Road. A photograph of the site is included in the photograph log (Photograph 34).
- Site 4 is listed under the Underground Storage Tank (UST-IL) database and is located directly south of the project area. This listing is for an 8,000 gallon diesel fuel tank that has a last used date of 12/31/1973 and shows it is exempt from regulation. The address for this tank is 8716 Randall Road, Crystal Lake, Illinois and the current owner is listed as Spring Valley LLC. This area now appears to be part of the Lake in the Hills Fen.
- Site 5 is listed under the UST-IL database and is located at 1434 Bridgedale Road, south of the project area. This listing is for a 1,500 diesel fuel tank that was removed on 3/7/2000. The tank is associated with Lift Station #23 for the City of Crystal Lake. A photograph of the site is included in the photograph log (Photograph 16).
- Site 6 is listed under the Leaking Underground Storage Tank, Open Case (LUST-Open-IL) database and is located at 1204 South McHenry Avenue. Transportation Joint Agreement is the facility located at this LUST, which is a bus depot. The listing shows diesel fuel was leaked in 1998, no 'No Further Remediation' (NFR) letter was sent.
- Site 7 is listed under the Site Remediation Program Database, Closed Case (VCP-Closed-IL) database at 8716 Randall Road. Rothschild 3 Site is the name of the site. The applicant was the McHenry County Conservation District and an NFR letter is dated 1/13/2010.

- Site 8 is listed under the LUST-Open-IL database and is located as 1200 South McHenry Avenue, associated with Crystal Lake High School. The listing is for leaked diesel fuel, approximately 10 gallons were released and the cause was listed as spills and overfills on 8/13/1996. An NFR letter was not sent.
- Site 9 and Site 11 are listed in the EW-Resi-IL database and are located at 9010 Haligus Road. Computer Recycling Center, LLC and Com2 Computer and Technology are associated with this address. There are no violations listed at this address.
- Site 10 is listed in the LUST-Closed-IL database at 1100 Dole Avenue, Crystal Lake, Illinois. Crystal Lake Park District is the responsible party associated with this listing. The report shows diesel fuel was leaked and a No Further Action (NFA) letter is dated 8/22/1990. Site 10 is shown on the ERS map within the 1 mile radius of the site; upon further investigation it was determined that the site was not mapped correctly and Site 10 is approximately 2.5 miles north of the project area.
- One site was noted during the site visit that was not listed in the ERS report; Kingstone Cleaners at 9431 Ackman Road. Cleaners are associated with chemicals that may be an environmental concern. (Photograph 40)

No other sites were identified during the field site visit. The ERS report is located in Appendix B.

Wetlands

Wetland Map Review: There are various wetlands within or directly adjacent to the proposed project. The mapped wetlands were confirmed in the field; however, it should be noted no formal delineation was performed (Photographs 5, 6, 27, 28, 39, 41, 44, and 46). There are also two creeks that are located within the project area. Photographs 26, 32, 35-38, and 43 represent potential wetland areas within the corridor. A tributary to Woods Creek is located along the east side of Willows Edge Park to the south side of Ackman Road through Woodscreek Park and Fetzner Park (Photographs 9, 10, 11 and 24). The Kishwaukee Creek is located along the east side of Redtail Drive, south to Cattail Park (Photographs 30 and 31).

Wetland ADID Map Review: There are ten (10) mapped Advanced Identified (ADID) wetlands within or directly adjacent to the proposed project. These areas are shown on Figure 1. The ADID wetland areas were confirmed in the field; it should be noted a formal wetland delineation was not performed.

Additional open water ponds not identified on any wetland mapping but observed within the project area during the site visit include:

- At the southeast corner of Ackman Road and Haligus Road (Photograph 42)
- At the northeast corner of Ackman Road and N Lakewood Road
- East of the Crosspoint Lutheran Church located at 8505 Redtail Drive
- West of Lou Malnati's Pizzeria at 8515 Redtail Drive (Photograph 36)
- Along the south side of Ackman Road, east of the cell phone tower, between Redtail Drive and Albrecht Road
- At the southeast corner of Swanson Road and Ackman Road
- At Sterling Meadows Park
- Northeast corner of Ackman Road and Haligus Road (Photograph 43)

Floodways and Floodplains

Floodway Map Review: One floodway is located within and directly adjacent to the proposed project area, it is associated with Kishwaukee Creek on the south side of Ackman Road; this area is a 100-Year Flood Hazard and Floodway (Zone AE).

Floodplain Map Review: There are two floodplain areas located within or directly adjacent to the proposed project area. One is associated with Kishwaukee Creek and one associated with the tributary to Woods Creek. The floodplains associated with Kishwaukee Creek are a 100-Year and Floodway (Zone AE) and a 500-Year Floodplain. The floodplains associated with the tributary to Woods Creek are a 100-Year Flood Hazard (Zone A) and a 500-Year Floodplain.

Trees

Tree estimations based on visual observations are listed below:

- For the residential properties within the project area we are estimating 3 trees per household.
- Approximately 600 trees are located within the existing Ackman Road right-of-way.
- Approximately 50 trees at the pond and wetland just east of Sterling Meadows Park. Most of the trees at Sterling Meadows Park are boxelder (*Acer negundo*) or weeping willows (*Salix babylonica*); shown in Photographs 17-20.
- Approximately 80 trees along the Fetzner Park creek corridor, approximately 2,000 feet in length. Newly planted oaks (*Quercus spp.*) were noted just south of Ackman Road as part of a riparian restoration project. The creek corridor appears to be dominated by eastern cottonwood (*Populus deltoides*) trees; shown in Photographs 9-11.

For the larger park areas a 10 foot by 10 foot transect was used to estimate the tree cover; the trees within the 100 square foot transect were counted and the number of trees were extrapolated to cover the area of the park.

- The pond at Woodcreek Park has approximately 15,000 trees within the 20 to 70-foot wide buffer, dominated by willows (*Salix spp.*) and European black alders (*Alnus glutinosa*); shown in Photographs 12-15.
- Approximately 100,000 trees are located within Willows Edge Park. The buffer at Willows Edge Park is dominated by willows and buckthorn (*Rhamnus spp.*) species; shown in Photographs 21-23.

Threatened and Endangered Species

An EcoCAT through the Illinois Department of Natural Resources (IDNR) indicates five sites near the project area and two species near the project area. The sites listed are Lake in the Hills Fen Class III Groundwater Site, Lake in the Hills Fen INAI Site, Lake in the Hills Fen Nature Preserve, Kishwaukee Fen INAI Site, and Kishwaukee Fen Nature Preserve. The EcoCAT can be found in Appendix C.

- The Lake in the Hills Fen Class III Groundwater Site/Lake in the Hills Fen INAI Site/Lake in the Hills Fen Nature Preserve is located just east of the project area. It extends from Randall Road to Pyott Road and from McHenry Avenue to Miller Road. The fen is outside the proposed project area but it is directly adjacent to the east of the project limits. Lake in the Hills Fen is shown on Figure 1 and in Photograph 3 and 4 of the photograph log.
- Kishwaukee Fen Nature Preserve/Kishwaukee Fen INAI Site is located north of the west end of the project area. The preserve extends from Haligus Road to N. Lakewood Road, between Palmer Drive and N. Lakewood Drive. This preserve is outside the proposed project area and is separated by a farm field and residential area with a golf course. It is shown on Figure 1 and Photograph 45 and 46 of the photograph log.

The species listed under the EcoCAT are the Blandings Turtle and Elfin Skimmer.

- Blandings Turtle habitat includes quiet waters in marshes, prairie wetlands, wet sedge meadows, and shallow, vegetated portions of lakes. Since there are ADID wetlands within or directly adjacent to the proposed project area, the Blandings Turtle could be present.
- Elfin skimmers are dragonflies that prefers bogs, and sometimes calcium-deposited fens in sedge meadows. Their flight season is late May to early August. There are two fen nature preserve areas within the proposed project area.

After reviewing their proximity to the project area, the project area itself and the habitat needed for the Blandings Turtle and Elgin Skimmer, it has been determined that habitat for the Blandings Turtle is present within the proposed project area and it is possible there is habitat for the Elfin Skimmer within Lake in the Hills Fen.

Noise

There are three areas that the Federal Highway Administration (FHWA) consider sensitive noise receptors. They are lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose (Category A); residential (Category B);

and active sport areas, amphitheatres, campgrounds, cemeteries, day care centers, hospitals, libraries, parks, playgrounds, places of worship, etc. (Category C).

- There are no Category A noise receptor areas within the proposed project area.
- There are numerous residential developments on the north and south sides of Ackman Road, these would all be considered Category B noise receptor areas. Larger residential developments are noted below. There are also individual houses noted along both sides of Ackman Road.
 - Along the south side of Ackman Road between Haligus Road and Henry Lane.
 - Along the north side of Ackman Road associated with Red Tail Golf Club.
 - Along the north side of Ackman Road between Huntley Road and Golf Course Road.
 - North and south of Ackman Road between Golf Course Road and Randall Road.
- There are several Category C receptors within the project study area which are listed in Table 1. They are shown on Figure 1.

Table 1: Miscellaneous Category C Noise Receptor Areas

Name	Address	Land Use
Cattail Park	Gladstone Drive & Albrecht Road, Lake in the Hills, IL	Park
Willows Edge Park	1201 Ackman Road, Crystal Lake, IL	Park
Sterling Meadows Park	1273 Amberwood Drive, Crystal Lake, IL	Park
Woods creek Park	1420 Willow Tree Drive, Crystal Lake, IL	Park
Fetzner Park	704 Alexandra Boulevard, Crystal Lake, IL	Park
Samuel Johns Park	1270 Westport Ridge, Crystal Lake, IL	Park
The Goddard School	4561 Princeton Lane, Lake in the Hills, IL	Early Childhood Center
Red Tail Golf Club	7900 Redtail Drive, Lakewood, IL	Golf Course
Crosspoint Lutheran Church	8505 Redtail Drive, Lakewood, IL	Church
Hope Church	251 Ackman Road, Crystal Lake, IL	Church
Crystal Lake South High School	1200 McHenry Avenue, Crystal Lake, IL	High School

There is an existing noise wall at the northwest corner of Randall Road and Ackman Road. It is approximately 630 feet long and is approximately 12 feet high. The noise wall appears to be a post and panel style, constructed of concrete. Shown in Photograph 2 of the photograph log.

Cultural

A review of the National Register of Historic Structures for McHenry County found one listing within the Village of Crystal Lake. The listing is at 5516 Terra Cotta Road, which is approximately 5 miles northeast of the project area. No Historic Structures were noted within the proposed project limits during the field site visit. The National Register of Historic Structures listing is located in Appendix D.

Section 4(f)

Section 4(f) properties include significant publicly owned public parks, recreation areas, and wildlife or waterfowl refuges, or any publicly or privately owned historic site listed or eligible for listing on the National Register of Historic Places. The following are Section 4(f) sites within the proposed project area.

Public Parks:

- Cattail Park – located at the northeast corner of Gladstone Drive and Albrecht Road, Lake in the Hills, IL
- Willows Edge Park – 1201 Huntley Road, Crystal Lake, IL
- Sterling Meadows Park – 1273 Amberwood Drive, Crystal Lake, IL
- Woodscreek Park – 1420 Willow Tree Drive, Crystal Lake, IL
- Fetzner Park – 704 Alexandra Boulevard, Crystal Lake, IL
- Samuel Johns Park – 1270 Westport Ridge, Crystal Lake, IL (Photograph 8)

Nature Preserve/INAI Sites:

- Kishwaukee Fen INAI Site and Nature Preserve – from Haligus Road to N. Lakewood Road, between Palmer Drive and N. Lakewood Drive, Lakewood, IL
- Lake in the Hills Fen Class III Groundwater Site, Nature Preserve and INAI Site – 1500 Jefferson Street, Lake in the Hills, IL

Public Golf Course:

- Red Tail Golf Course – owned by the Village of Lakewood, located at 7900 Redtail Drive, Lakewood, IL

No sites were listed in the National Register of Historic Places.

Conclusion

The Ackman Road Corridor Feasibility Study contains several environmental features including special waste sites, wetlands, floodway, floodplain, potential for threatened and endangered species, trees, and park lands. Every effort should be made to avoid or minimize impacts to these resources to the greatest extent possible.

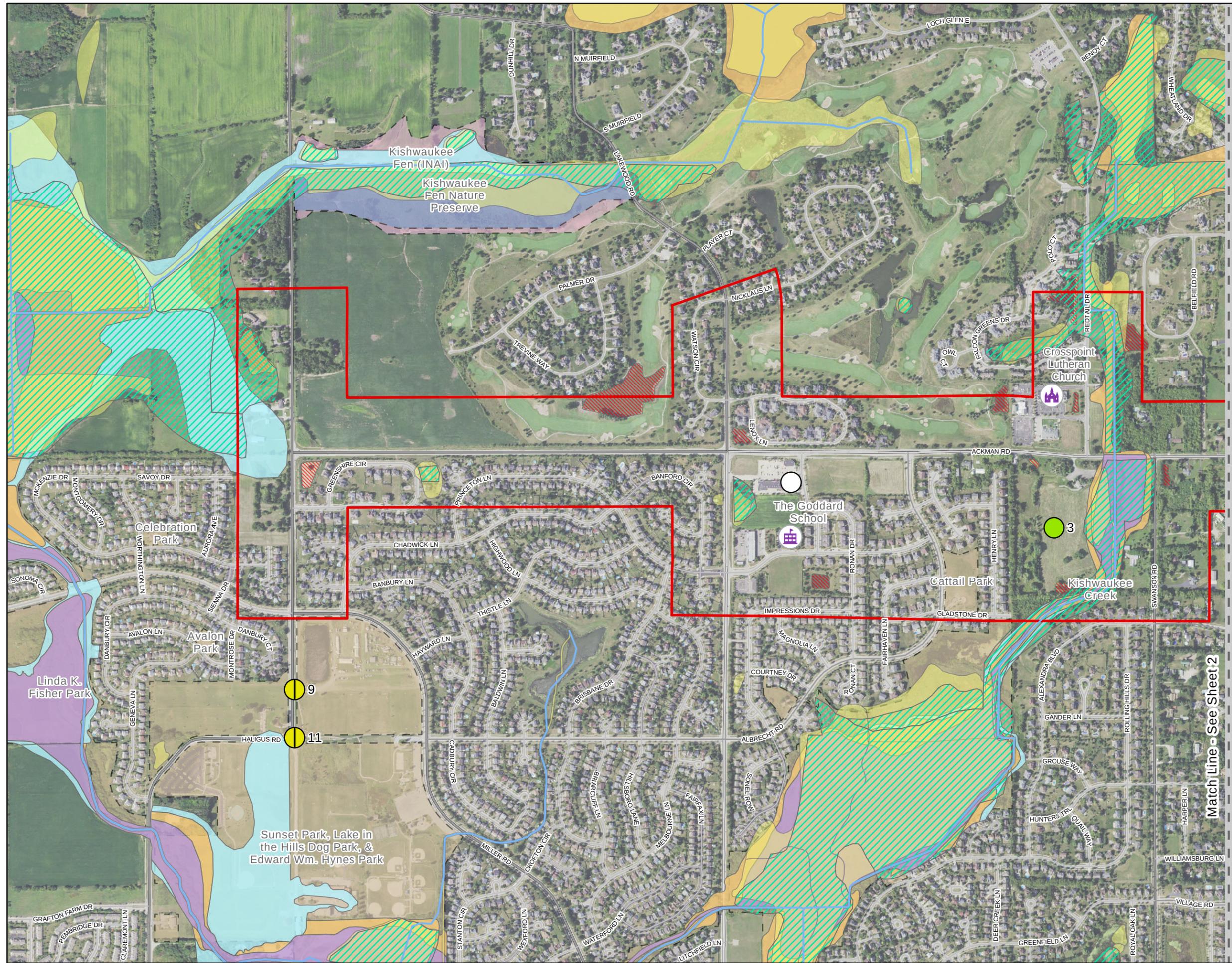
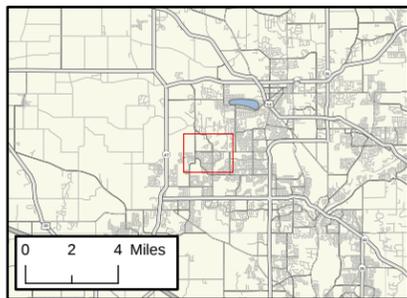
Ackman Road Feasibility Study

Figure 1: Environmental Inventory Map

- Project Area
- Wetlands and Water Features**
- ADID Wetlands
- NWI Wetlands
- Open Ponds
- Streams
- Flood Hazard**
- 100-Year Floodplain
- 500-Year Floodplain
- Floodway
- Protected Lands**
- Nature Preserves
- INAI Sites
- Other Protected Lands
- Landmarks**
- Schools
- Churches
- Special Waste**
- Emergency Release Reports
- Federal RCRA Generators, State RCRA Equivalent
- State ASTM Other
- State LUST Closed
- State LUST Open
- State UST
- State Voluntary Cleanup Sites
- Kingstone Cleaners

660 330 0 660 Feet

Scale: 1:10,000



Match Line - See Sheet 2

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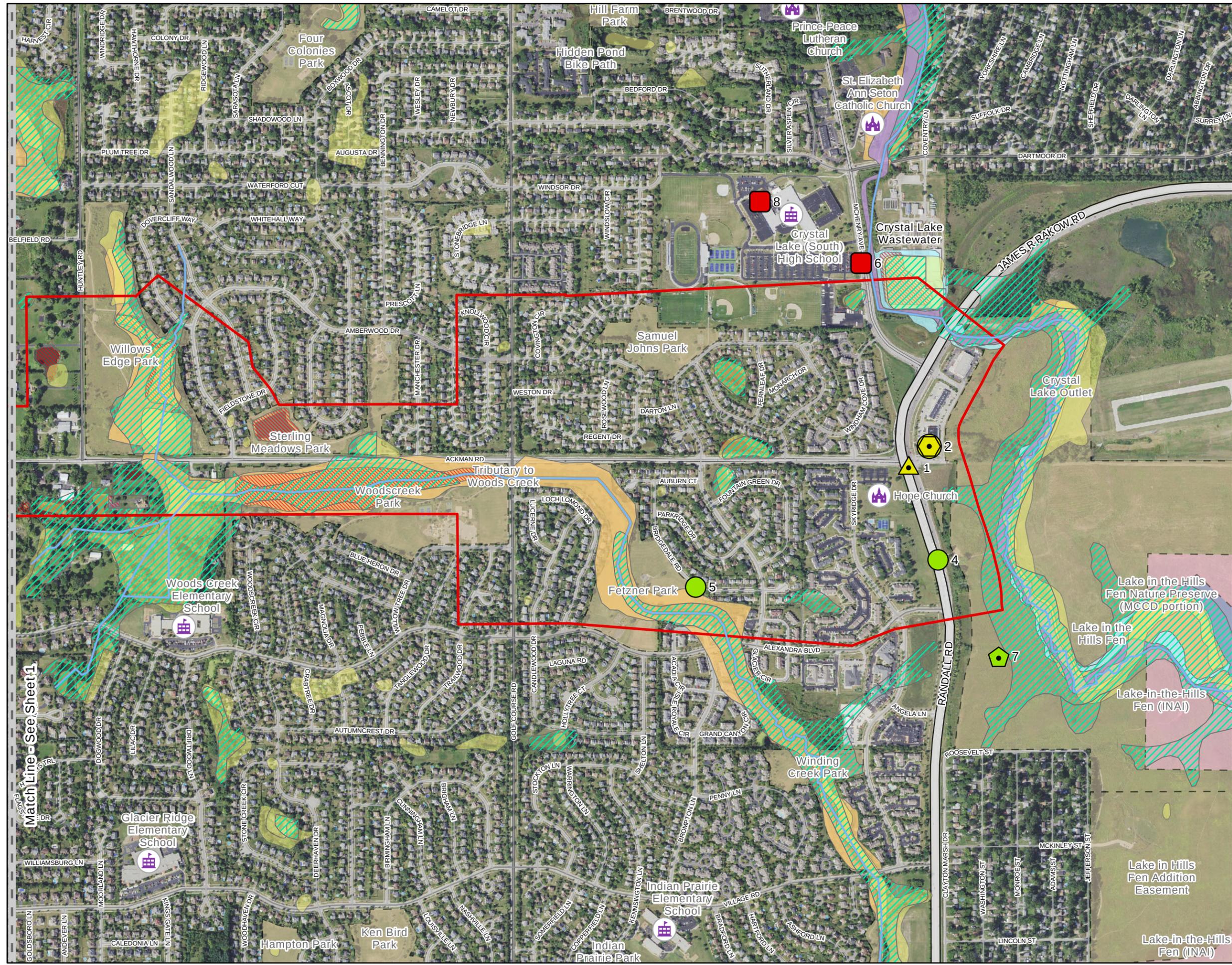
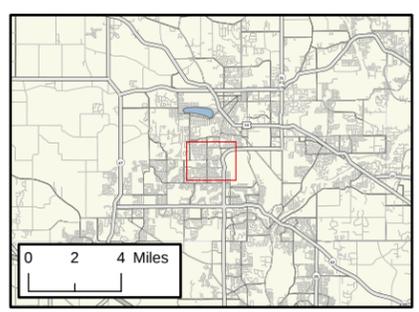
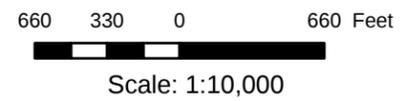


USDA-FSA-APFO Aerial Photography Field Office, National Wetlands Inventory (FWS), FEMA, Prairie State Conservation (I-View), Environmental Record Search, US Census, IDOT

Ackman Road Feasibility Study

Figure 1: Environmental Inventory Map

- Project Area
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- Floodway
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- Nature Preserves
- INAI Sites
- Other Protected Lands
- Landmarks**
- ✎ Schools
- ✎ Churches
- Special Waste**
- ⚠ Emergency Release Reports
- Federal RCRA Generators, State RCRA Equivalent
- State ASTM Other
- State LUST Closed
- State LUST Open
- State UST
- State Voluntary Cleanup Sites
- Kingstone Cleaners



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USDA-FSA-APFO Aerial Photography Field Office, National Wetlands Inventory (FWS), FEMA, Prairie State Conservation (I-View), Environmental Record Search, US Census, IDOT

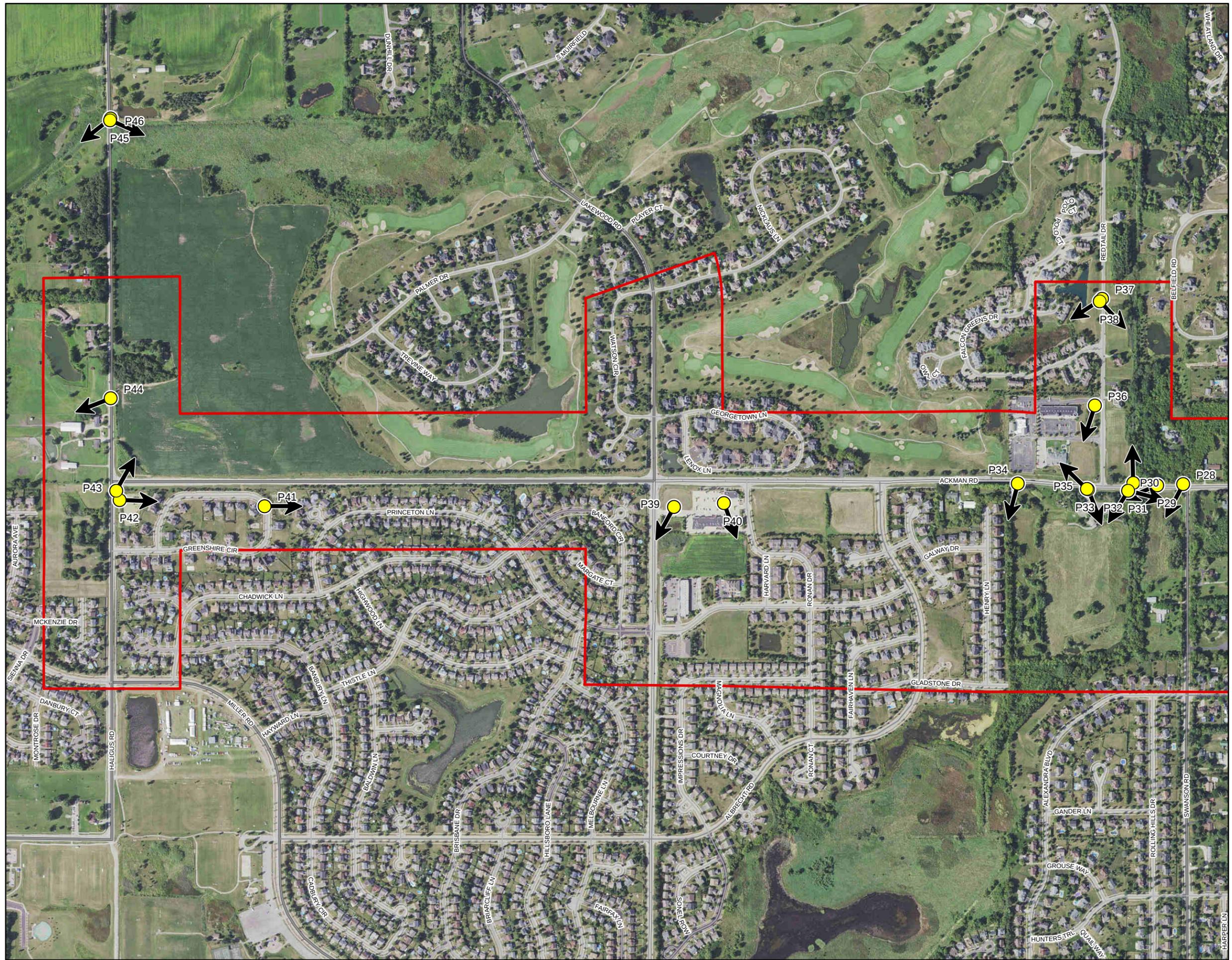
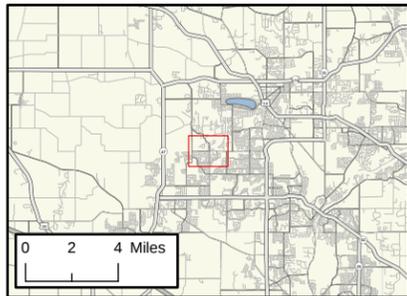
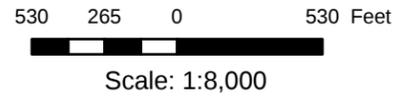
Lake in the Hills Fen (INAI)

Appendix A
Photograph Log

Ackman Road Feasibility Study

Photo Log: Mapped Photo Locations

-  Project Area
-  Photo Locations



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USDA-FSA-APFO Aerial Photography Field Office, USGS, US Census, IDOT

Ackman Road Feasibility Study

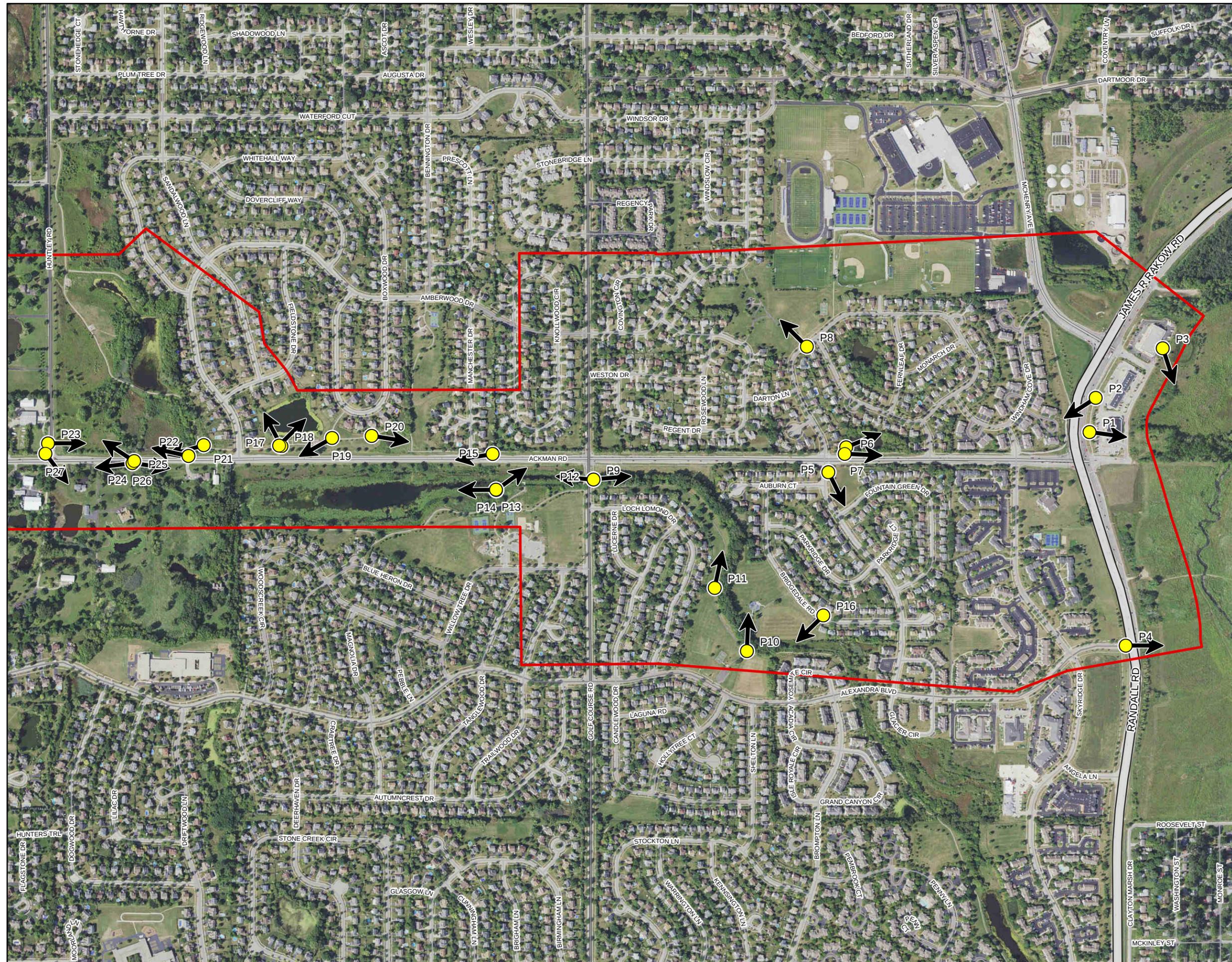
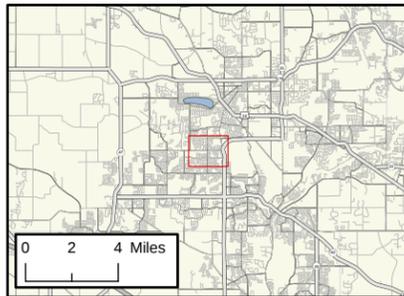
Photo Log: Mapped Photo Locations

-  Project Area
-  Photo Locations

530 265 0 530 Feet



Scale: 1:8,000



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USDA-FSA-APFO Aerial Photography Field Office, USGS, US Census, IDOT



Photo 1: CVS at the NE corner of Ackman Road and Randall Road Site 2 on ERS Report.



Photo 2: Noise wall noted at the northwest corner of Ackman Road and Randall Road.



Photo 3: Lake in the Hills Fen; facing southeast from Randall Road.



Photo 4: Lake in the Hills Fen; facing northeast from Alexandra Boulevard and Randall Road.



Photo 5: Mapped wetland, mowed detention basin at the southeast corner of Ackman Road and Westport Ridge.



Photo 6: Mapped wetland at northeast corner of Ackman Road and Westport Ridge.



Photo 7: Looking east along Ackman Road; south of the pond noted in Photo 6.



Photo 8: Looking at Samuel Johns Park; facing northwest from Westport Ridge.



Photo 9: Mapped creek and floodplain at Fetzner Park, located on the east side of Golf Course Road; facing east.



Photo 10: Mapped creek and floodplain at Fetzner Park, located north of Alexandra Boulevard; facing north.



Photo 11: Mapped creek and floodplain at Fetzner Park, located NW of the intersection of Alexandra Boulevard and Golf Course Road; facing north.



Photo 12: Mapped wetland and floodplain at Woods creek Park; facing west from Golf Course Road.



Photo 13: Woods creek Park pond; facing east from the pier.



Photo 14: Woods creek Park pond; facing west from the pier.



Photo 15: Woods creek Park pond buffer; facing west.



Photo 16: Site 5 on the ERS Report; facing southwest from Bridgedale Road.



Photo 17: Pond at Sterling Meadows Park; facing northeast.



Photo 18: Pond at Sterling Meadows Park; facing northwest.



Photo 19: Sterling Meadows Park; facing southwest from the bike path.



Photo 20: Mapped wetland east of Sterling Meadows Park; facing east.



Photo 21: Willow's Edge Park; facing southwest toward Ackman Road from the bike path.



Photo 22: Mapped wetland at Willow's Edge Park; facing northwest from Ackman Road.



Photo 23: Mapped wetland at Willow's Edge Park; facing east from Huntley Road.



Photo 24: Mapped creek along the south side of Ackman Road; south of Willow's Edge Park.



Photo 25: Willow's Edge Park; facing northwest from Ackman Road.



Photo 26: Low spot with cattails located on the south side near 8205 Ackman Road; facing west.



Photo 27: Mapped wetland located on the south side of Ackman Road; facing southeast from Huntley Road.



Photo 28: Mapped wetland located at the southwest corner of Swanson Road and Ackman Road.



Photo 29: Looking west along Ackman Road towards Kishwaukee Creek west of Willow's Edge Park.



Photo 30: Looking north at Kishwaukee Creek east of Red Tail Drive.



Photo 31: Looking east along the south side of Ackman Road at Kishwaukee Creek east of Red Tail Drive.



Photo 32: Wetland vegetation between Kishwaukee Creek and Site 3 in the ERS Report; facing southwest.



Photo 33: Site 3 in the ERS Report, a former golf range; the site was closed off and is vacant; facing south from Ackman Road.



Photo 34: Cell tower located on the south side of Ackman Road; across from 8515 Redtail Drive, Lou Malnati's Pizzeria.



Photo 35: Wetland vegetation located on the north side of Ackman Road, west of Redtail Drive; facing northwest.



Photo 36: Wetland vegetation noted east of Crosspoint Lutheran; northwest quadrant of Redtail Drive and Ackman Road.



Photo 37: Wetland vegetation associated with the mapped wetland north of Falcon Greens Drive; facing southwest from Redtail Drive.



Photo 38: Wetland vegetation associated with the mapped wetland northeast of Redtail Drive and Falcon Greens Drive; facing southeast.



Photo 39: Mapped wetland near the southeast corner of Ackman Road and N Lakewood Road; facing south.



Photo 40: Cleaners noted at 9431 Ackman Road, not noted in the ERS Report.



Photo 41: Mapped pond located along the south side of Ackman Road and northeast of Greenshire Circle; facing northeast.



Photo 42: Detention basin located at the southeast corner of Haligus Road and Ackman Road.



Photo 43: Wetland vegetation noted on the northeast corner of Haligus Road and Ackman Road; facing northeast.



Photo 44: Pond associated with mapped wetlands on the west side of Haligus Road, north of Ackman Road; facing northwest.



Photo 45: Kishwaukee Fen Nature Preserve on the east side of Haligus Road; facing southeast.



Photo 46: Mapped wetland on the west side of Haligus Road across from the Kishwaukee Fen Nature Preserve; facing southwest.

Appendix B
Environmental Records Search (ERS) Report

RecCheck

The Standard for ASTM/AAI Radius Searches

(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA All Appropriate Inquiry)

Corridor Report Results

REPORT RESULTS



Site Location:

Ackerman Road (Haligus Rd. To Randall Rd.)
Crystal Lake, Lake in the Hills, and Village of
Lakewood, McHenry County, IL 60014
T43N, R7E, S13, 14 and 15 and T43N, R8E, S18
(N 42-12-16, W 88-22-3) NAD83

Client:

Hampton Lenzini and Renwick Inc.

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	Ackerman Road (Haligus Rd. To Randall Rd.) Crystal Lake, Lake in the Hills, and Village of Lakewood, McHenry County, IL 60014 T43N. R7E, S13, 14 and 15 and T43N, R8E, S18
Client Project Name/Number:	Ackman Road (Haligus Road to Randall Road) 2104705087
Coordinates:	N 42-12-16, W 88-22-3 (NAD 83) 42.2045624053505, -88.3674436832567
Date of Report	April 10, 2019
ERS Project Number:	2104705087
Subject Site Listed on the following lists:	Not Listed
Subject Site Listed as Map ID#:	N/A
USGS 7.5 Minute Quad Map:	Crystal Lake (2018-01-23)
Subject Site Located within a Potential Area of Concern:	No
Township, Section and Range:	Electronic TRS is unavailable
Site Elevation: (feet above or below (-) mean sea level)	Approximately 890 ft near the center of the area.
Flood Zone: (FEMA Q3 Digital Data)	Panel: 17111C0328J, Effective Date: 11/16/2006 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
Fire Insurance Map Coverage:	There may be coverage of your site.
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)For zip code 60014: Number of tests per zip code: 797 Number of tests where radon is > 4 pCi/L: 294 Percentage of test where radon is > 4 pCi/L: 36.89% Other Information: Not Reported
Search Radius Expansion Size: (In Miles)	0

Soil Type: (USDA Soil Survey Geographic Database) (SSURGO)	Varna silt loam, 2 to 4 percent slopes Map Unit Type: Consociation Hydric: No Drainage Class: Moderately well drained General Information: Fine, illitic, mesic Oxyaquic Argiudolls
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	12

SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 4	880907 Site Name Not Reported	Randall Road & Acman Road CRYSTAL LAKE	Spills-IL	Listed	< 0.01 SE	N/A
2 Maps: 1, 4	1110155318 CVS PHARMACY 3790	1305 RANDALL RD CRYSTAL LAKE	HWAR-IL	Listed	0.05 NE	N/A
2 Maps: 1, 4	ILR000171231 CVS PHARMACY 3790	1305 RANDALL RD CRYSTAL LAKE	RCRA-LQG-US	Listed	0.05 NE	N/A
3 Maps: 1, 4	4572 VERIZON WIRELESSTANK# 1-211	8917 ACKMAN ROAD LAKE IN THE HILLS	AST-IL	Listed	0.12 S	N/A
4 Maps: 1, 4	2044405 Rothchild 3	8716 RandallRoad Crystal Lake	UST-IL	Exempt	0.17 S	N/A
5 Maps: 1, 4	2024684 Lift Station # 23	1434 Bridgedale Rd Crystal Lake	UST-IL	Closed	0.21 S	N/A
6 Maps: 1, 4	980777 Transportation Joint Agreement	1204 South McHenry Ave. Crystal Lake	LUST-Open-IL	Open	0.34 N	N/A
7 Maps: 1, 4	1110155299 Rothschild 3 Site	8716 Randall Road Crystal Lake	VCP-Closed-IL	Closed	0.35 SE	N/A
8 Maps: 1, 4	961440 Crystal Lake School Dist. #47	1200 South McHenry Ave. Crystal Lake	LUST-Open-IL	Open	0.43 N	N/A
9 Maps: 1, 4	621365 Computer Recycling Center, LLC	9010 Haligus Road Crystal Lake	EW-Resi-IL	Listed	0.43 S	N/A
10 Maps: 1, 4	900201 Crystal Lake Park Dist.	1100 Dole Ave. Crystal Lake	LUST-Closed-IL	Closed	0.48 N	N/A
11 Maps: 1, 4	621128 Com2 Computer and Technologies	9010 Haligus Road Lake in the Hills	EW-Resi-IL	Listed	0.49 S	N/A

POTENTIAL AREAS OF CONCERN/CONTAMINATION SUMMARY

DATABASE SEARCHED	SUBJECT SITE WITHIN POTENTIAL AREA OF CONCERN	AREAS FOUND WITHIN 1-MILE RADIUS
NPL-R5-US	No	0

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
CERCLIS-US	0.5	0
LUST-Open-IL	0.5	2
NPL-US	1	0
Proposed-NPL-US	1	0
SAA-Agreements-US	1	0
Tribal-LUST-Open-Reg5	0.5	0
VCP-Open-IL	0.5	0

* For the purposes of this report, "high risk" occurrences are those that have known contamination and have not received a "case closed" or "no further action" status from the agency that maintains the records.

ASTM/AAI STANDARD RECORD SOURCES SUMMARY

STANDARD ENVIRONMENTAL RECORD SOURCES	ASTM MIN. SEARCH DIST. / ERS SEARCH DIST. (MILES)	ERS DATABASE NAME	TOTAL LISTINGS	MAP ID #'S
Federal NPL site list	1.0 / 1.0	NPL-US	0	None Listed
		Proposed-NPL-US	0	None Listed
Federal Delisted NPL site list	0.5 / 1.0	Delisted-NPL-US	0	None Listed
Federal CERCLIS list	0.5 / 0.5	CERCLIS-US	0	None Listed
Federal CERCLIS NFRAP site list	0.5 / 0.5	CERCLIS-Archived-US	0	None Listed
Federal RCRA CORRACTS facilities list	1.0 / 1.0	RCRA-COR-US	0	None Listed
Federal RCRA non-CORRACTS TSD facilities list	0.5 / 0.5	RCRA-TSDF-US	0	None Listed
Federal RCRA generators list	Property and adjoining properties / 0.25	RCRA-CESQG-US	0	None Listed
		RCRA-LQG-US	1	<u>2</u>
		RCRA-NON-US	0	None Listed
		RCRA-SQG-US	0	None Listed
Federal Inst/Eng control registries	Property Only / 0.25	Controls-RCRA-US	0	None Listed

		Controls-US	0	None Listed
		Hist-US-EC	0	None Listed
		Hist-US-IC	0	None Listed
		LIENS-US	0	None Listed
Federal ERNS list	Property Only / 0.0625	ERNS-US	0	None Listed
State and Tribal-Equivalent NPL	1.0 / 1.0	Not Reported by Agency	0	None Listed
State and Tribal-Equivalent CERCLIS	0.5 / 0.5	SS-IL	0	None Listed
State and Tribal landfill and/or solid waste disposal sites	0.5 / 0.5	Debris-US	0	None Listed
		Hist-Dumps-US	0	None Listed
		HIST-LF-IL	0	None Listed
		LF-SPW-IL	0	None Listed
		SWF-IL	0	None Listed
		SWLF-US	0	None Listed
		Tribal-ODI-US	0	None Listed
State and Tribal Leaking Storage Tank Lists	0.5 / 0.5	City-LUST-Closed-IL	0	None Listed
		LUST-Closed-IL	1	10
		LUST-Open-IL	2	6, 8
		Tribal-LUST-Closed-Reg5	0	None Listed
		Tribal-LUST-Open-Reg5	0	None Listed
State and Tribal Registered Storage Tank Lists	Property and adjoining properties / 0.25	AST-IL	1	3
		City-AST-IL	0	None Listed
		City-UST-IL	0	None Listed
		FEMA-UST-US	0	None Listed
		Tribal-UST-Reg5	0	None Listed
		UST-IL	2	4, 5
State and Tribal Inst/Eng Control Registries	Property Only / 0.5	EC-IL	0	None Listed
		IC-IL	0	None Listed
		UECA-IL	0	None Listed
State and Tribal Voluntary Cleanup Sites	0.5 / 0.5	Tribal-VCP-US	0	None Listed
		VCP-Closed-IL	1	7
		VCP-Open-IL	0	None Listed
State and Tribal Brownfield Sites	0.5 / 0.5	BF-IL	0	None Listed
		BFRAD-IL	0	None Listed
		BF-Tribal-US	0	None Listed

FEDERAL ASTM/AAI DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BF-Tribal-US	0.5	0	0	0	0	-	0
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	0	-	0
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	1	0	0	0	0	0	0
ERNS-US	0.0625	0	0	-	-	-	0
FEMA-UST-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	0.25	0	0	0	-	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.0625	0	0	-	-	-	0
LIENS-US	0.0625	0	0	-	-	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.0625	0	0	-	-	-	0
PCB-US	0.25	0	0	0	-	-	0
Proposed-NPL-US	1	0	0	0	0	0	0
RCRA-CESQG-US	0.25	0	0	0	-	-	0
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	1	0	-	-	1
RCRA-NON-US	0.25	0	0	0	-	-	0
RCRA-SQG-US	0.25	0	0	0	-	-	0
RCRA-TSDF-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
SWLF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg5	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg5	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg5	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
AST-IL	0.25	0	1	0	-	-	1
BF-IL	0.5	0	0	0	0	-	0
BFRAD-IL	0.5	0	0	0	0	-	0
City-AST-IL	0.25	0	0	0	-	-	0
City-LUST-Closed-IL	0.5	0	0	0	0	-	0
City-Others-IL	0.0625	0	0	-	-	-	0
City-UST-IL	0.25	0	0	0	-	-	0
EC-IL	0.5	0	0	0	0	-	0
EW-CRR-IL	0.5	0	0	0	0	-	0
EW-Resi-IL	0.5	0	0	0	2	-	2
HIST-LF-IL	0.5	0	0	0	0	-	0
HWAR-IL	0.0625	0	1	-	-	-	1
IC-IL	0.5	0	0	0	0	-	0
LF-SPW-IL	0.5	0	0	0	0	-	0
LUST-Closed-IL	0.5	0	0	0	1	-	1
LUST-Open-IL	0.5	0	0	0	2	-	2
Manifest2-RI	0.0625	0	0	-	-	-	0
OER-Spills-IL	0.0625	0	0	-	-	-	0

STATE ASTM/AAI DATABASES

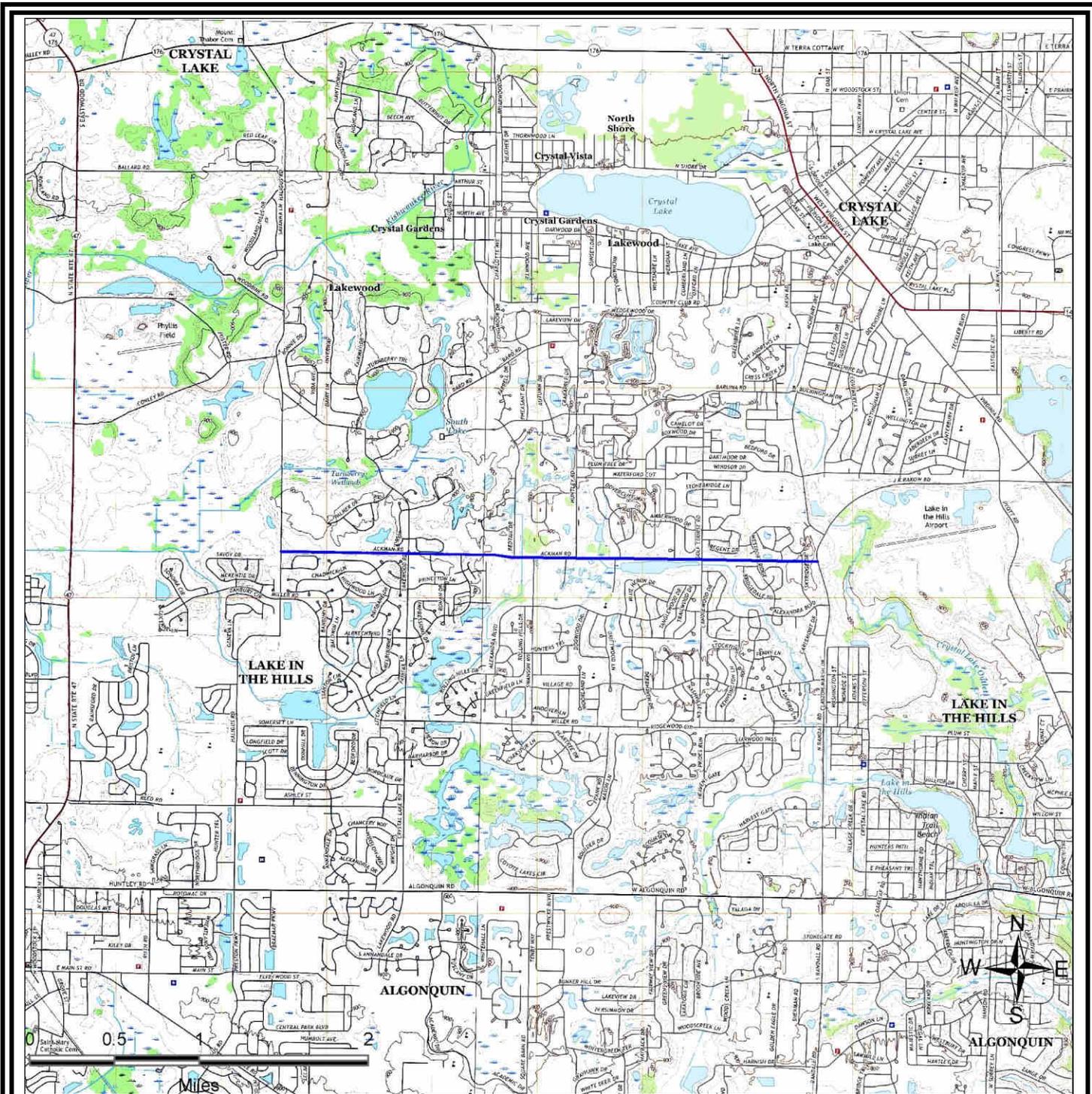
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Spills-IL	0.0625	0	1	-	-	-	1
SS-IL	0.5	0	0	0	0	-	0
STRIP-IL	0.5	0	0	0	0	-	0
SWF-IL	0.5	0	0	0	0	-	0
UECA-IL	0.5	0	0	0	0	-	0
UST-IL	0.25	0	0	2	-	-	2
VCP-Closed-IL	0.5	0	0	0	1	-	1
VCP-Open-IL	0.5	0	0	0	0	-	0

SUPPLEMENTAL DATABASES

DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Not Searched							

PROPRIETARY HISTORIC DATABASES

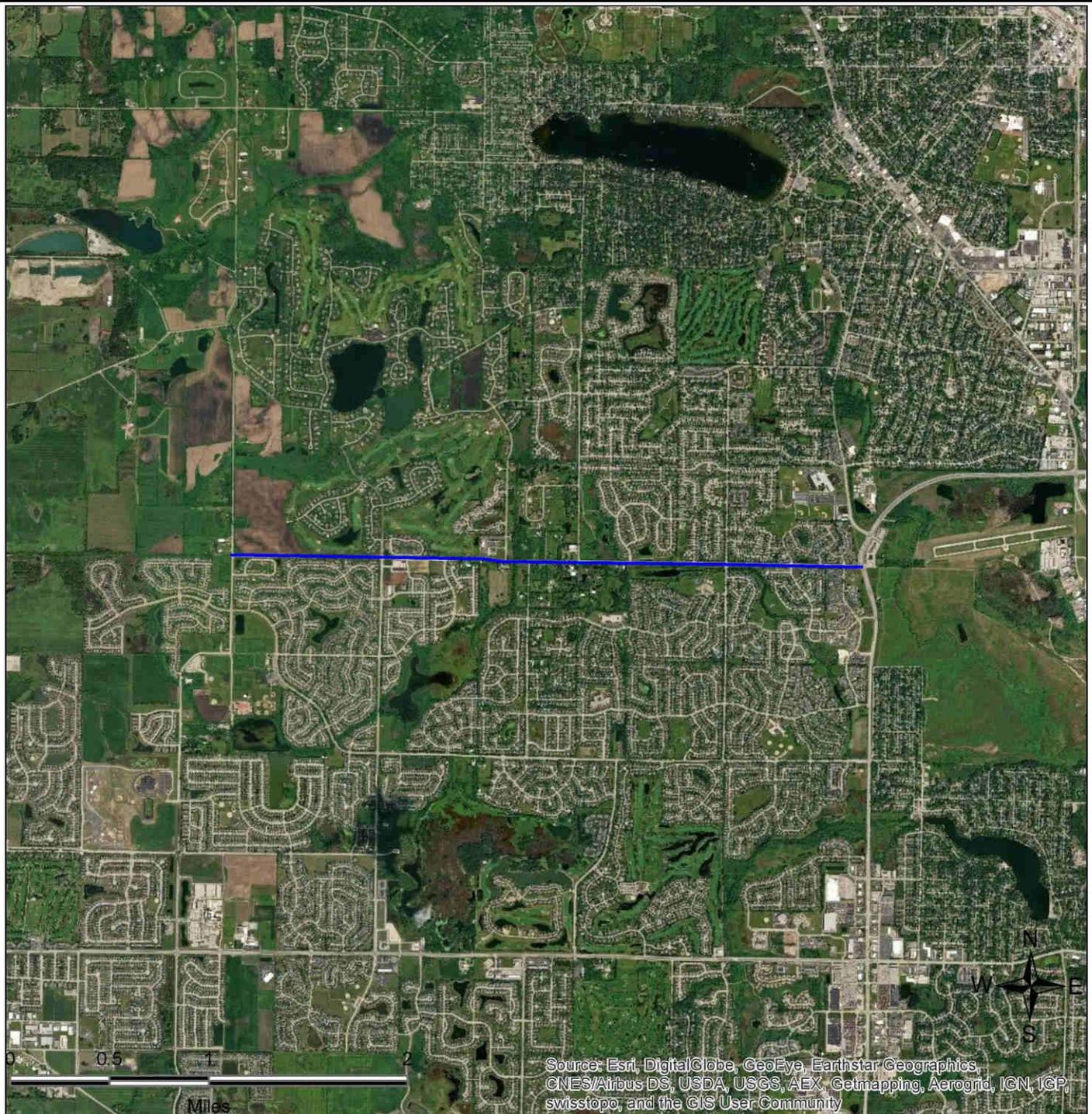
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Not Searched							



SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. Crystal Lake (2018-01-23) Quadrangle, 7.5 Minute Series

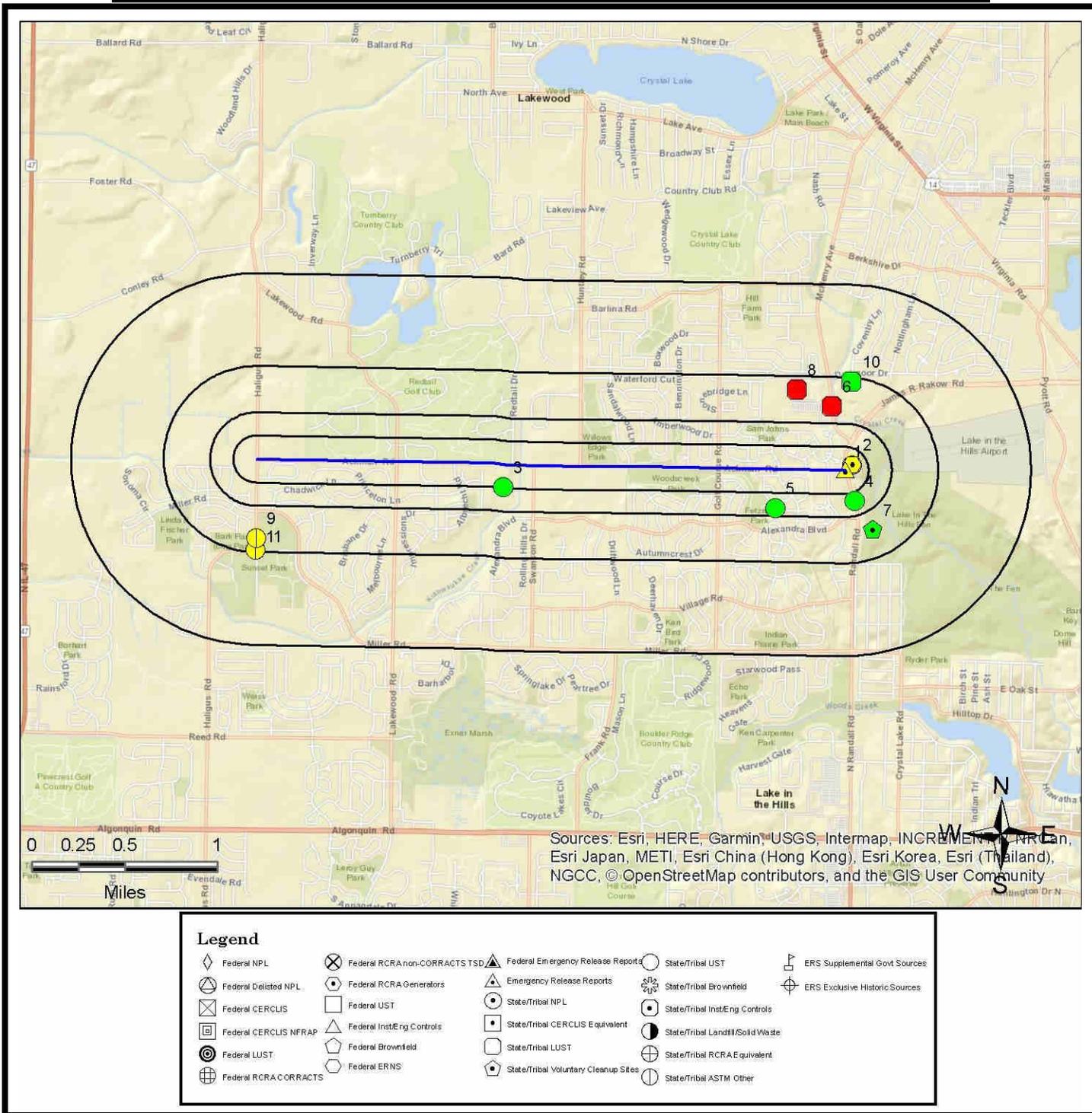
<p>Hampton Lenzini and Renwick Inc.</p>	<p>Ackerman Road (Haligus Rd. To Randall Rd.) Crystal Lake, Lake in the Hills, and Village of Lakewood, McHenry County, IL 60014 T43N, R7E, S13, 14 and 15 and T43N, R8E, S18</p>	<p>FIGURE: 1 JOB: 2104705087 DATE: 4/10/2019</p>
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SITE LOCATION MAP

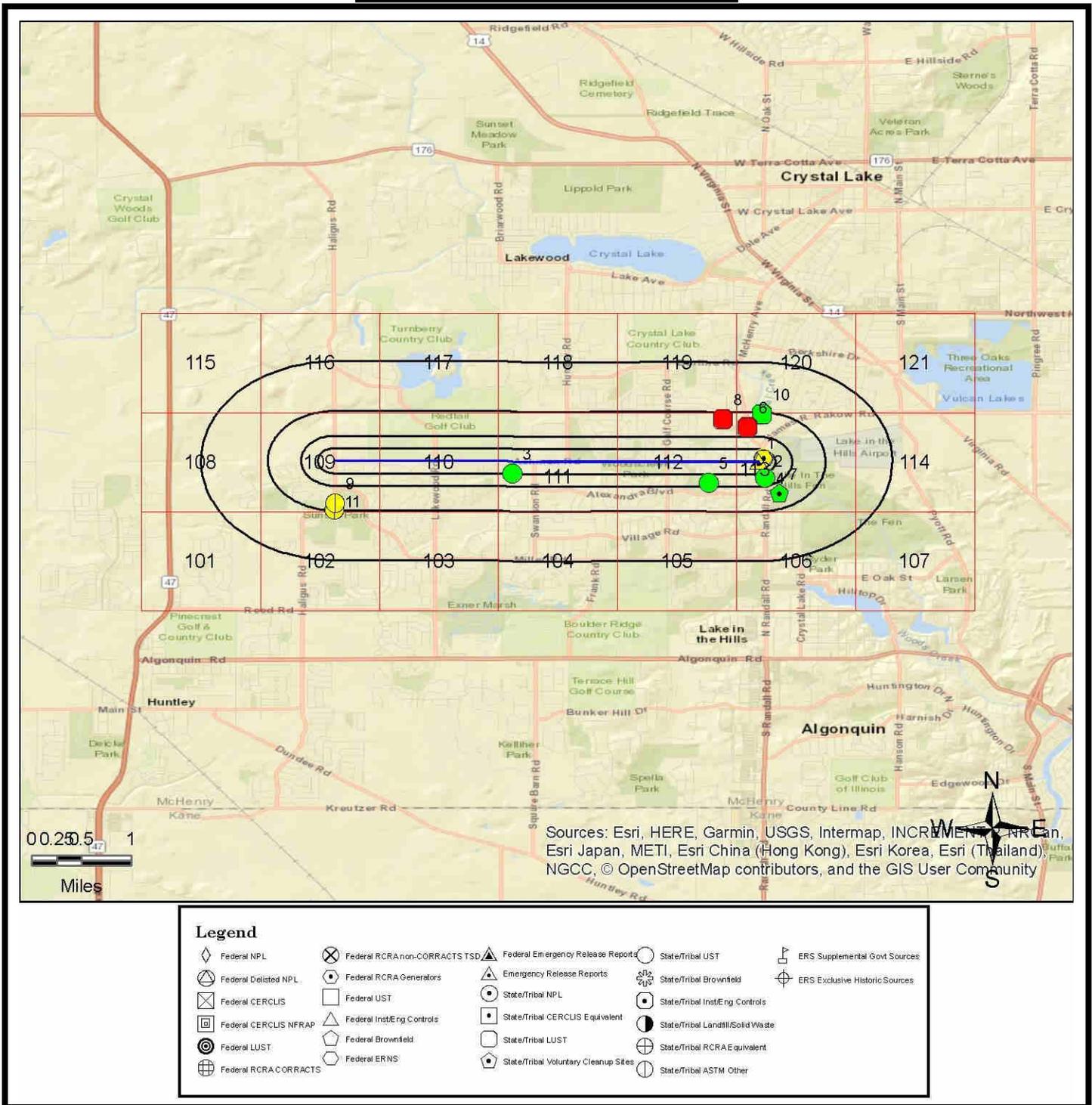
Hampton Lenzini and Renwick Inc.	Ackerman Road (Haligus Rd. To Randall Rd.) Crystal Lake, Lake in the Hills, and Village of Lakewood, McHenry County, IL 60014 T43N. R7E, S13, 14 and 15 and T43N, R8E, S18	FIGURE: 2 JOB: 2104705087 DATE: 4/10/2019
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1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID LAYOUT MAP KEY



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 101

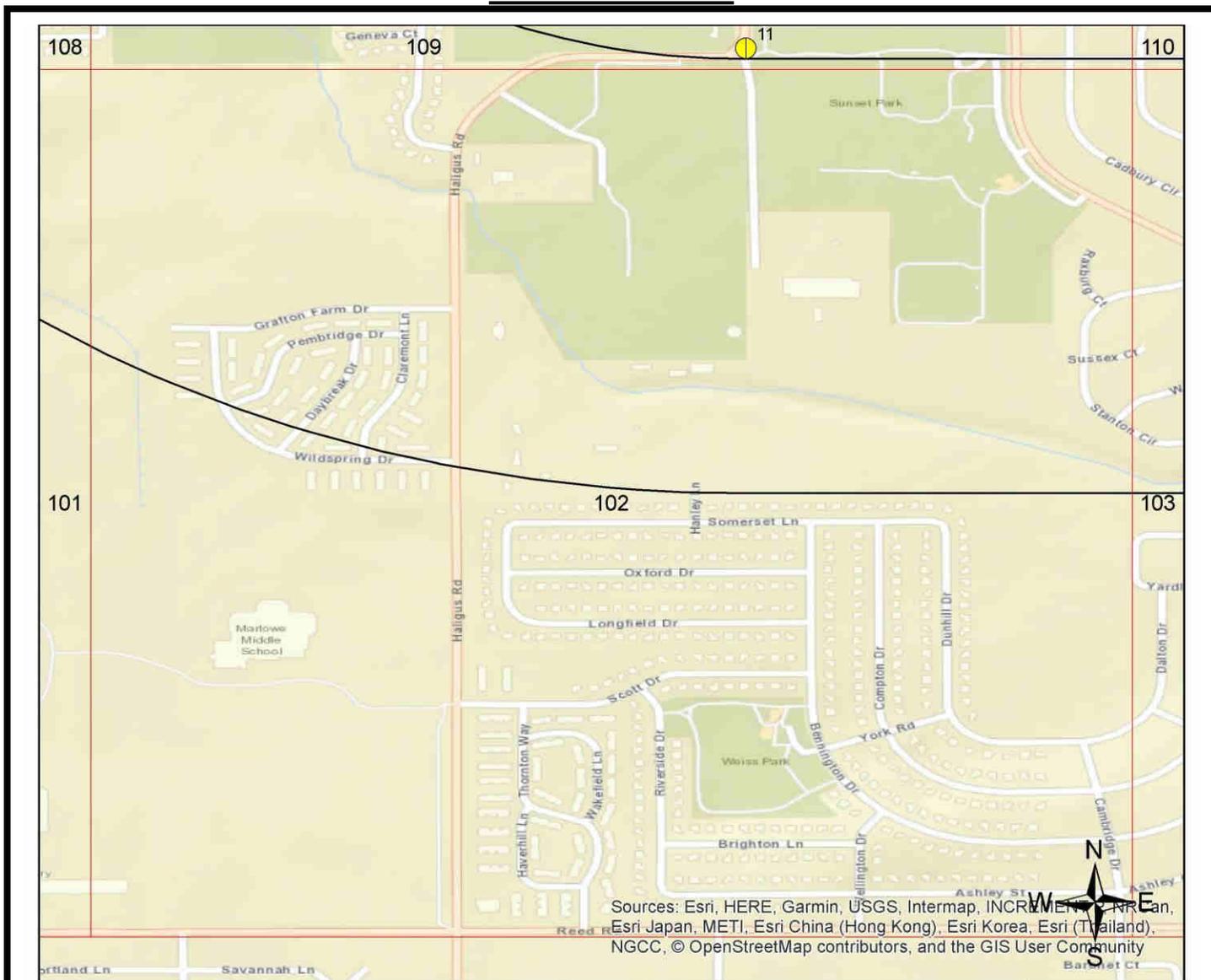


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL P.A., Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 102

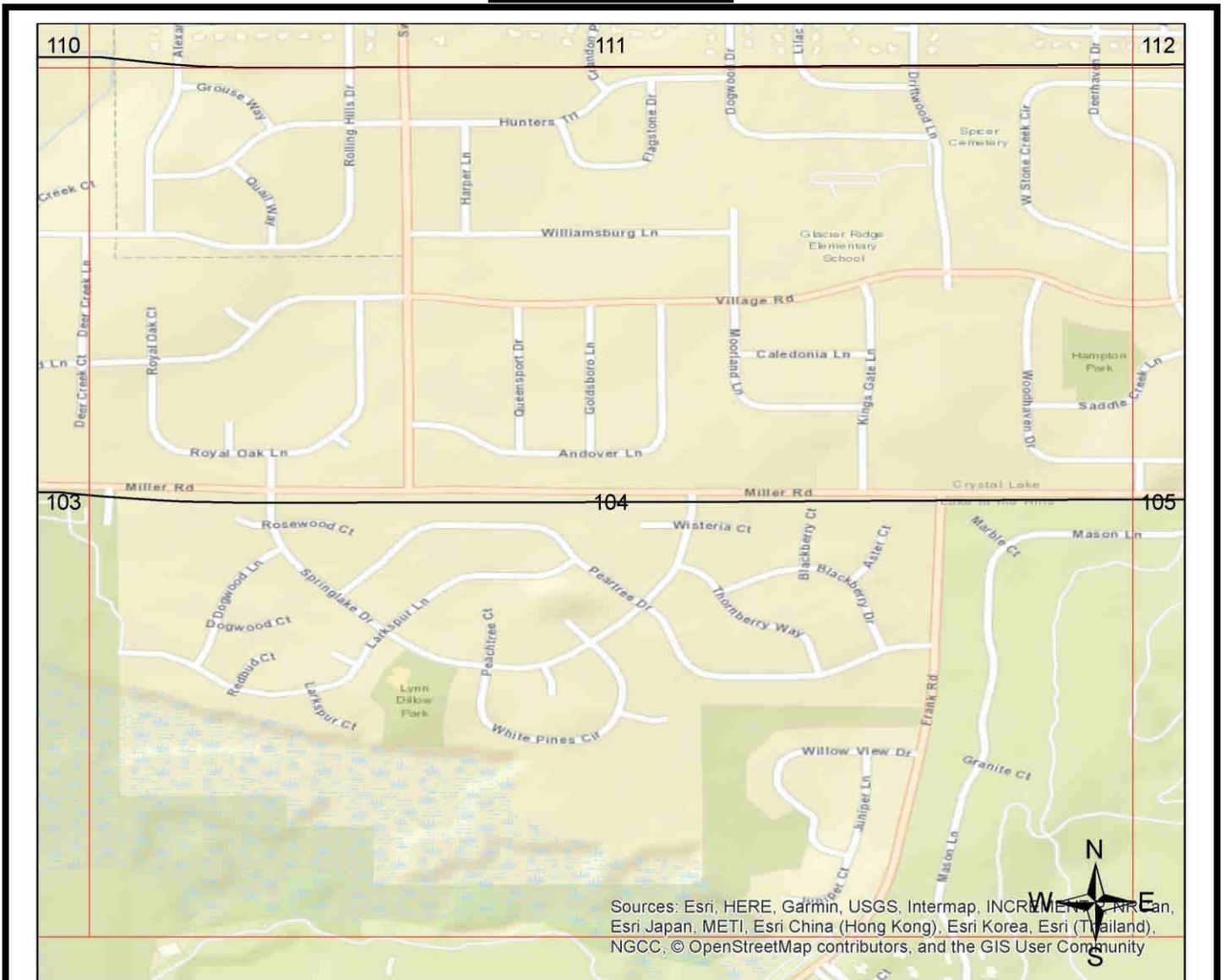


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Navteq, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

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GRID MAP 104



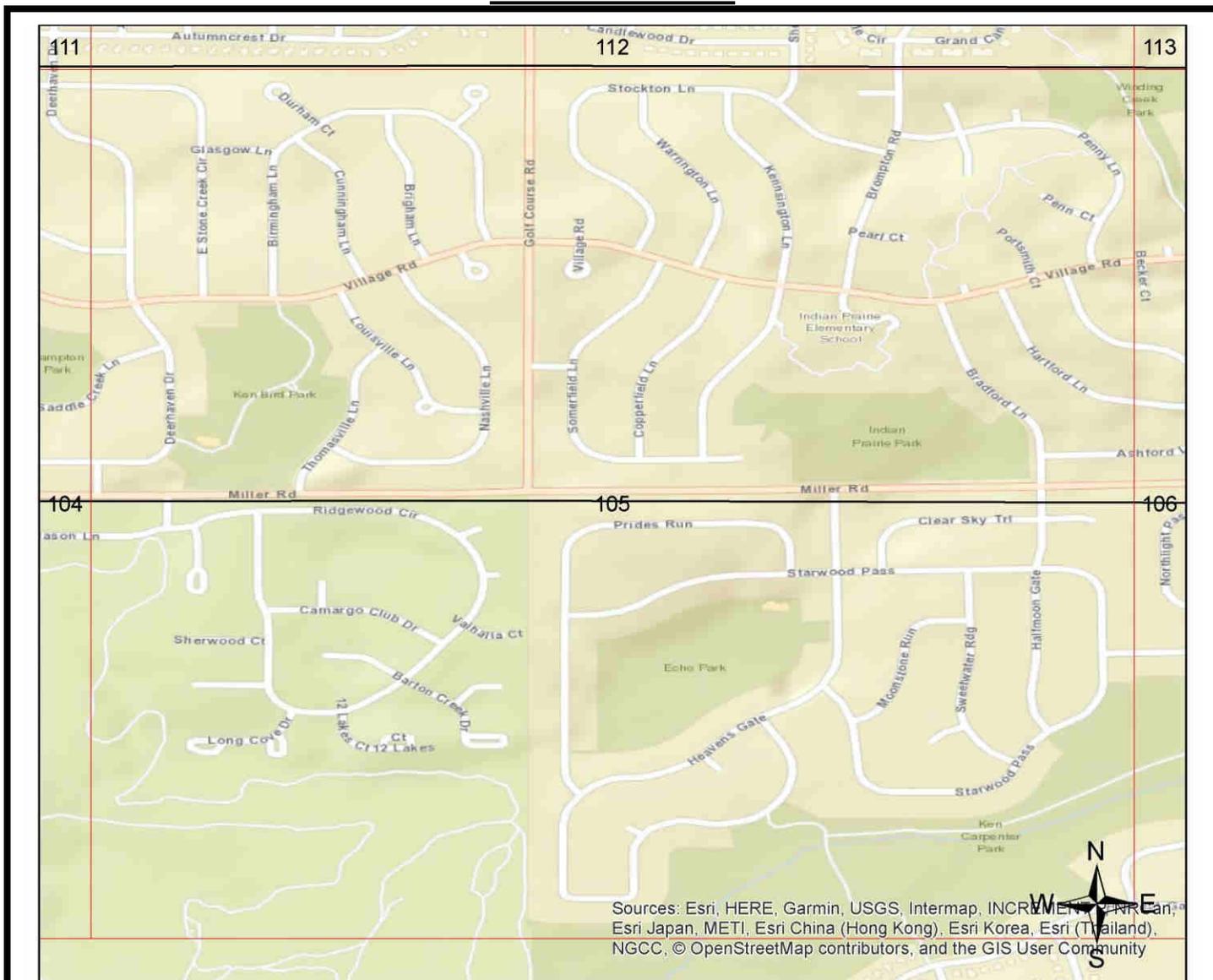
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Navteq, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend

Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST	ERS Supplemental Govt Sources
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield	ERS Exclusive Historic Sources
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls	
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste	
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent	
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other	

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 105

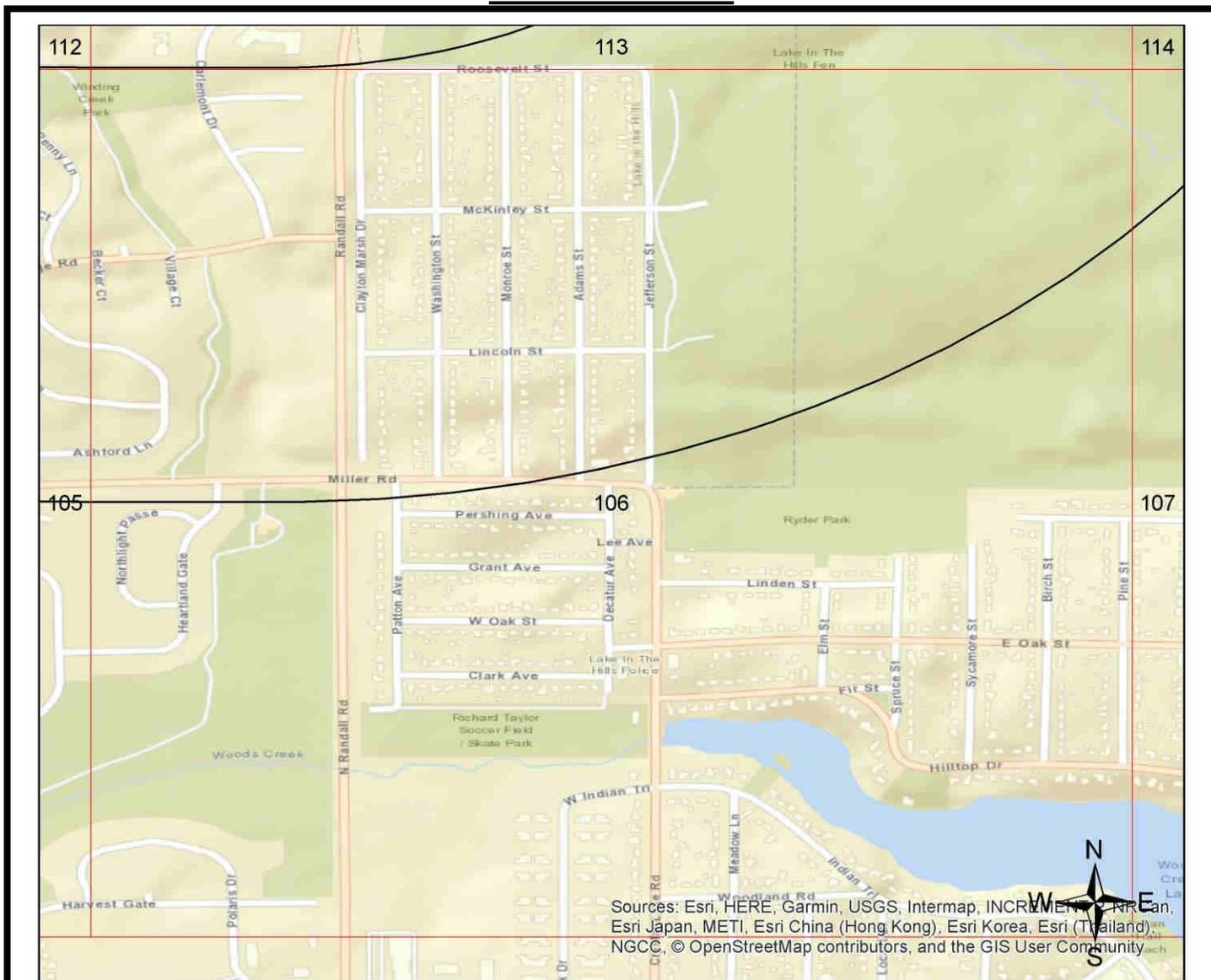


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL P&T, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
	Federal NPL		Federal RCRA non-CORRACTS TSD
	Federal Delisted NPL		Federal RCRA Generators
	Federal CERCLIS		Federal UST
	Federal CERCLIS NFRAP		Federal Inst/Eng Controls
	Federal LUST		Federal Brownfield
	Federal RCRA CORRACTS		Federal ERNS
	Federal Emergency Release Reports		State/Tribal UST
	Emergency Release Reports		State/Tribal Brownfield
	State/Tribal NPL		State/Tribal Inst/Eng Controls
	State/Tribal CERCLIS Equivalent		State/Tribal Landfill/Solid Waste
	State/Tribal LUST		State/Tribal RCRA Equivalent
	State/Tribal Voluntary Cleanup Sites		State/Tribal ASTM Other
	ERS Supplemental Govt Sources		ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 106

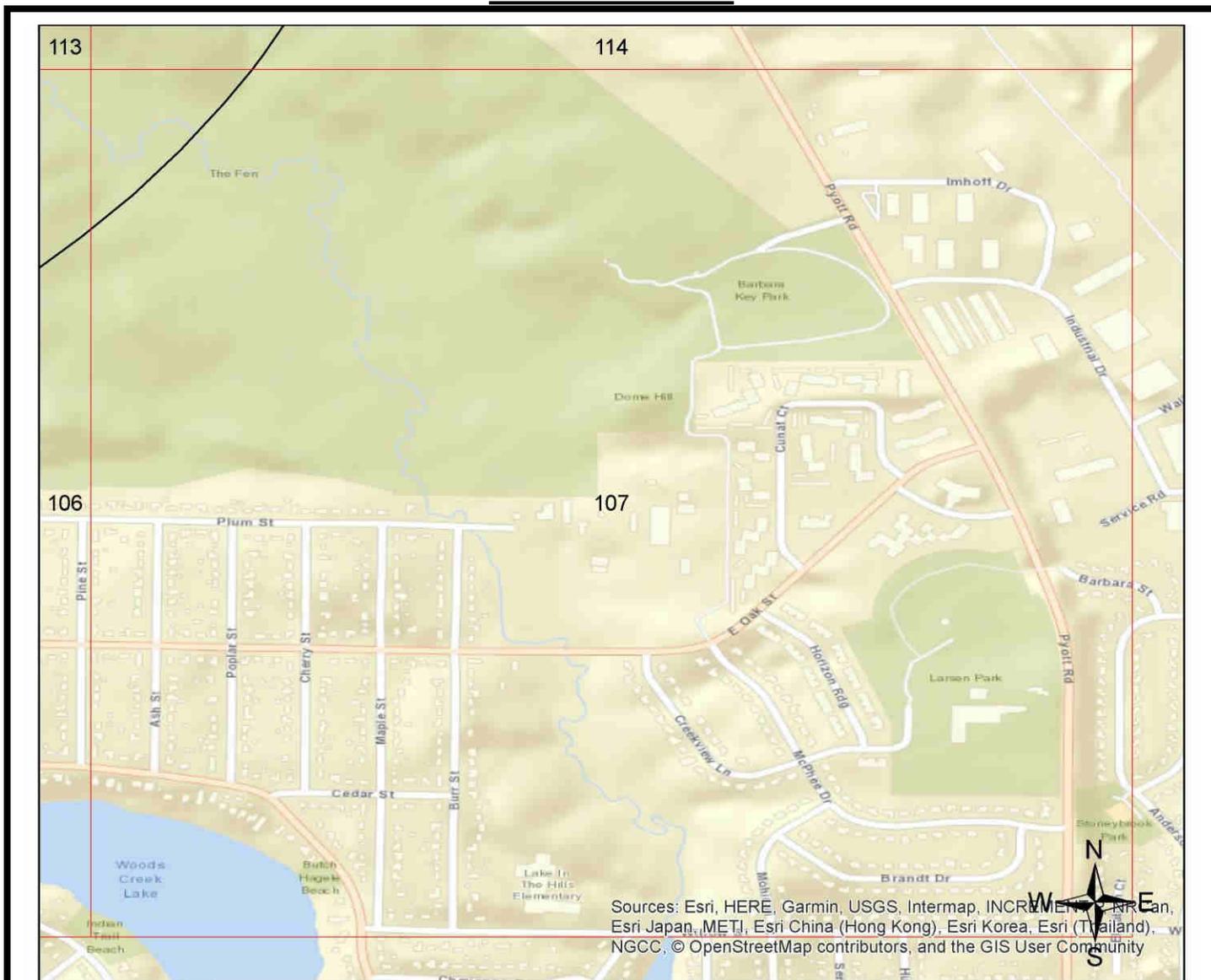


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Navteq, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
	Federal NPL		Federal RCRA non-CORRACTS TSD
	Federal Delisted NPL		Federal Emergency Release Reports
	Federal CERCLIS		Emergency Release Reports
	Federal CERCLIS NFRAP		State/Tribal NPL
	Federal LUST		State/Tribal CERCLIS Equivalent
	Federal RCRA CORRACTS		State/Tribal LUST
	Federal Inst/Eng Controls		State/Tribal RCRA Equivalent
	Federal Brownfield		State/Tribal Voluntary Cleanup Sites
	Federal ERNS		State/Tribal ASTM Other
	Federal UST		State/Tribal UST
	Federal Inst/Eng Controls		State/Tribal Brownfield
	Federal Brownfield		State/Tribal Inst/Eng Controls
	Federal ERNS		State/Tribal Landfill/Solid Waste
	Federal UST		ERS Supplemental Govt Sources
	Federal Inst/Eng Controls		ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 107

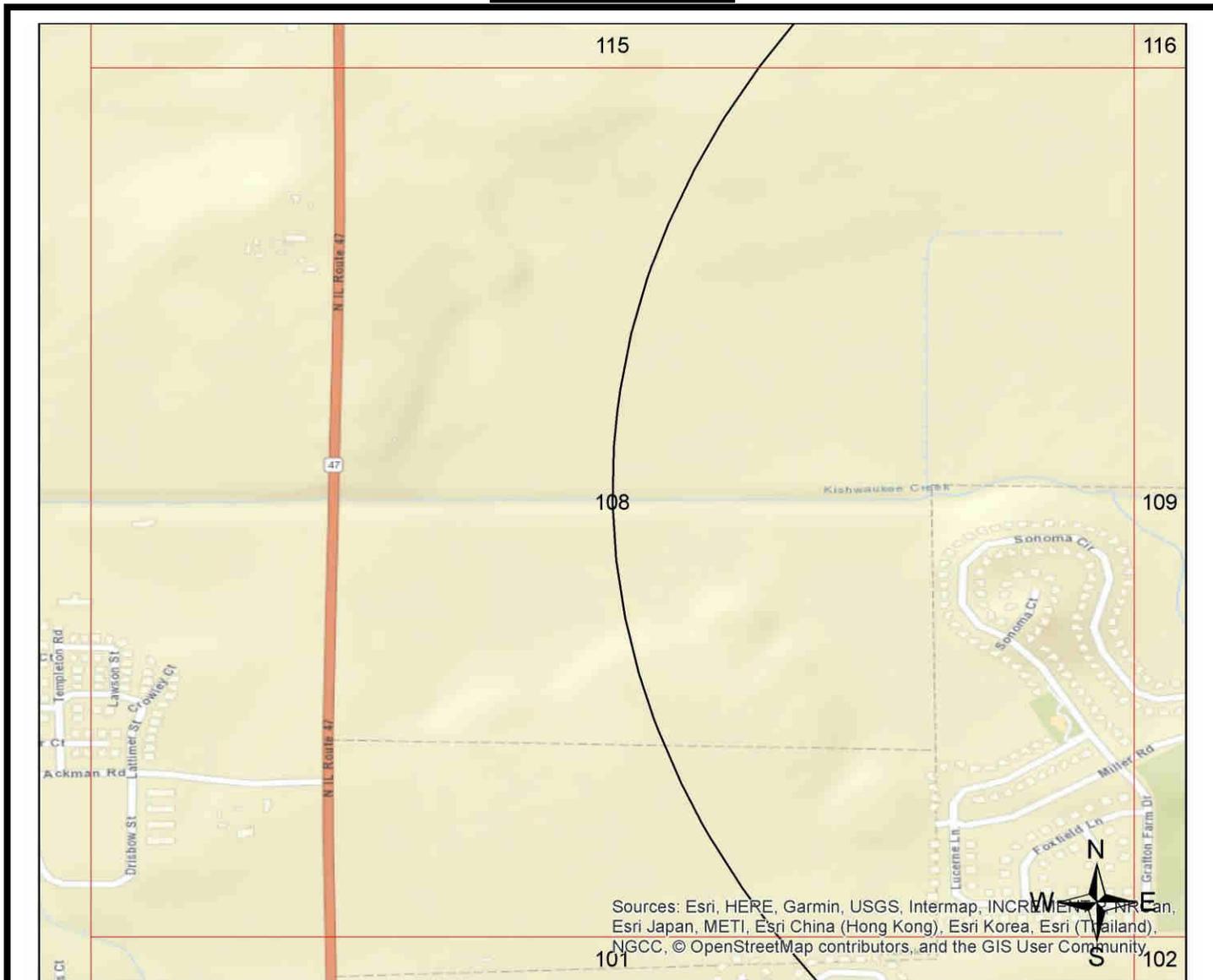


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL PRT Can, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	ERS Supplemental Govt Sources
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Brownfield
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Inst/Eng Controls
Federal LUST	Federal ERNS	State/Tribal LUST	State/Tribal Landfill/Solid Waste
Federal RCRA CORRACTS		State/Tribal RCRA Equivalent	State/Tribal Voluntary Cleanup Sites
		State/Tribal ASTM Other	

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 108



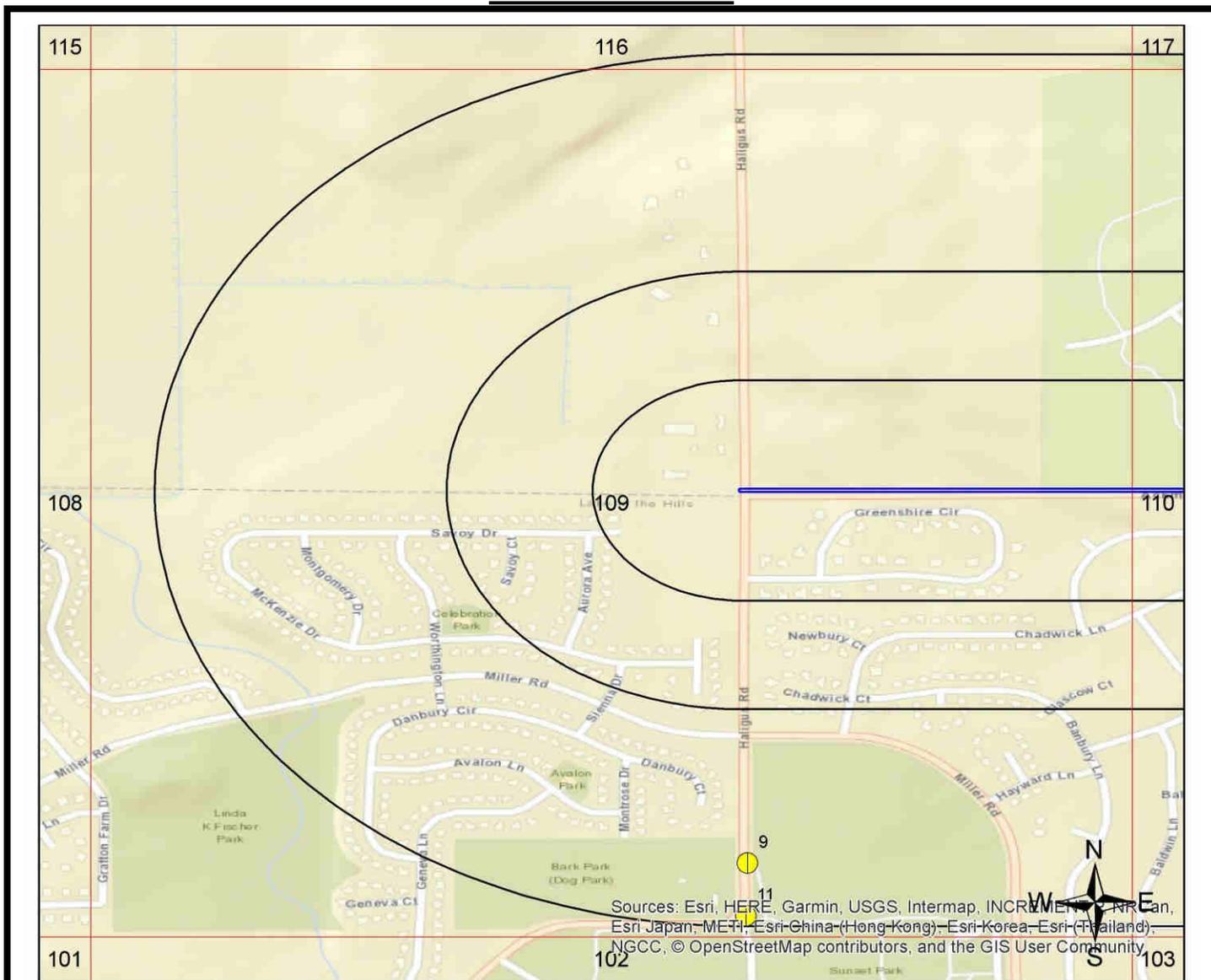
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Navteq, Swire, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend

Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST	ERS Supplemental Govt Sources
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield	ERS Exclusive Historic Sources
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls	
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste	
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent	
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other	

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 109

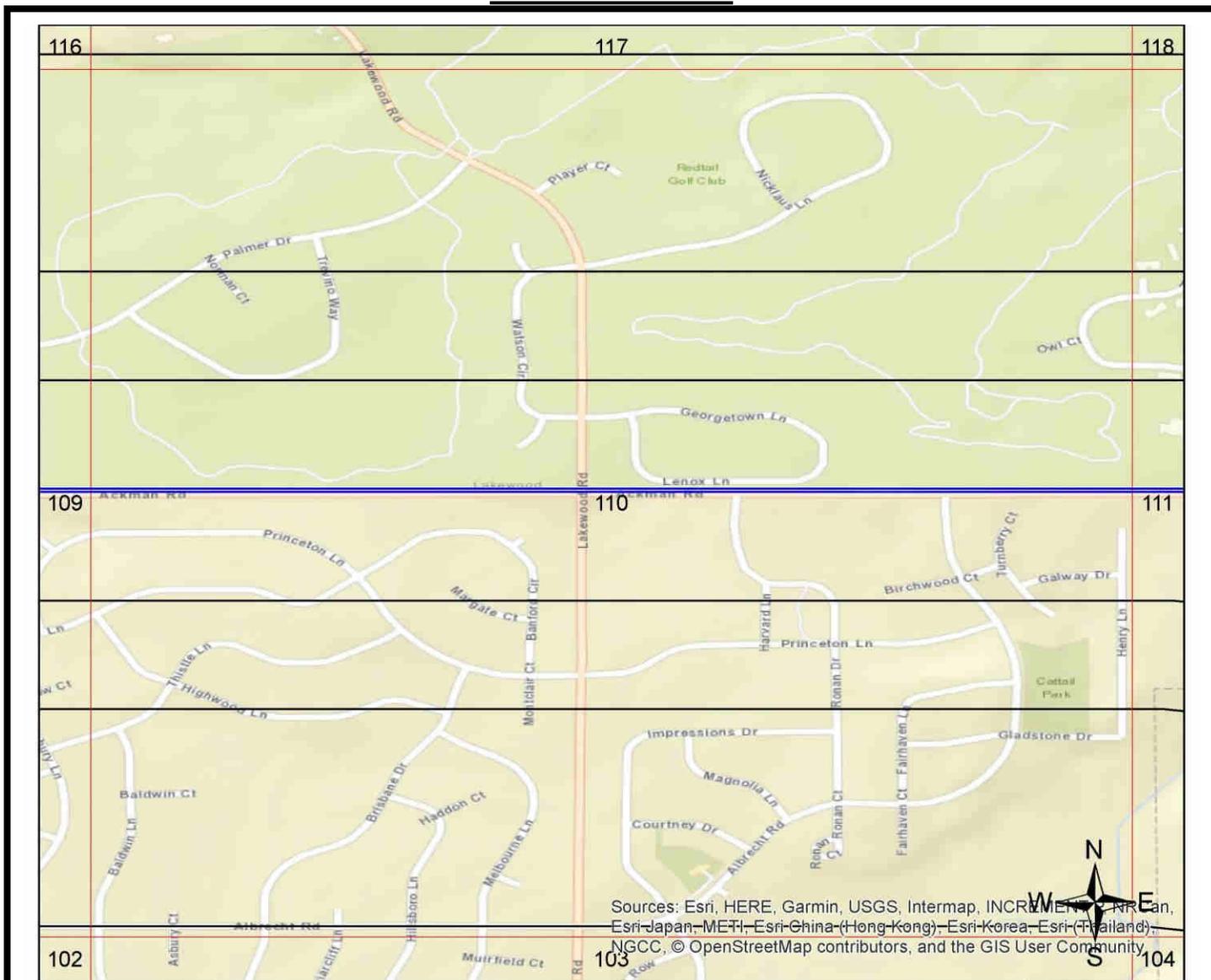


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Navteq, Esri Japan, METI, Esri-China (Hong-Kong), Esri-Korea, Esri-Thailand, Swisstopo, GEBCO, NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 110

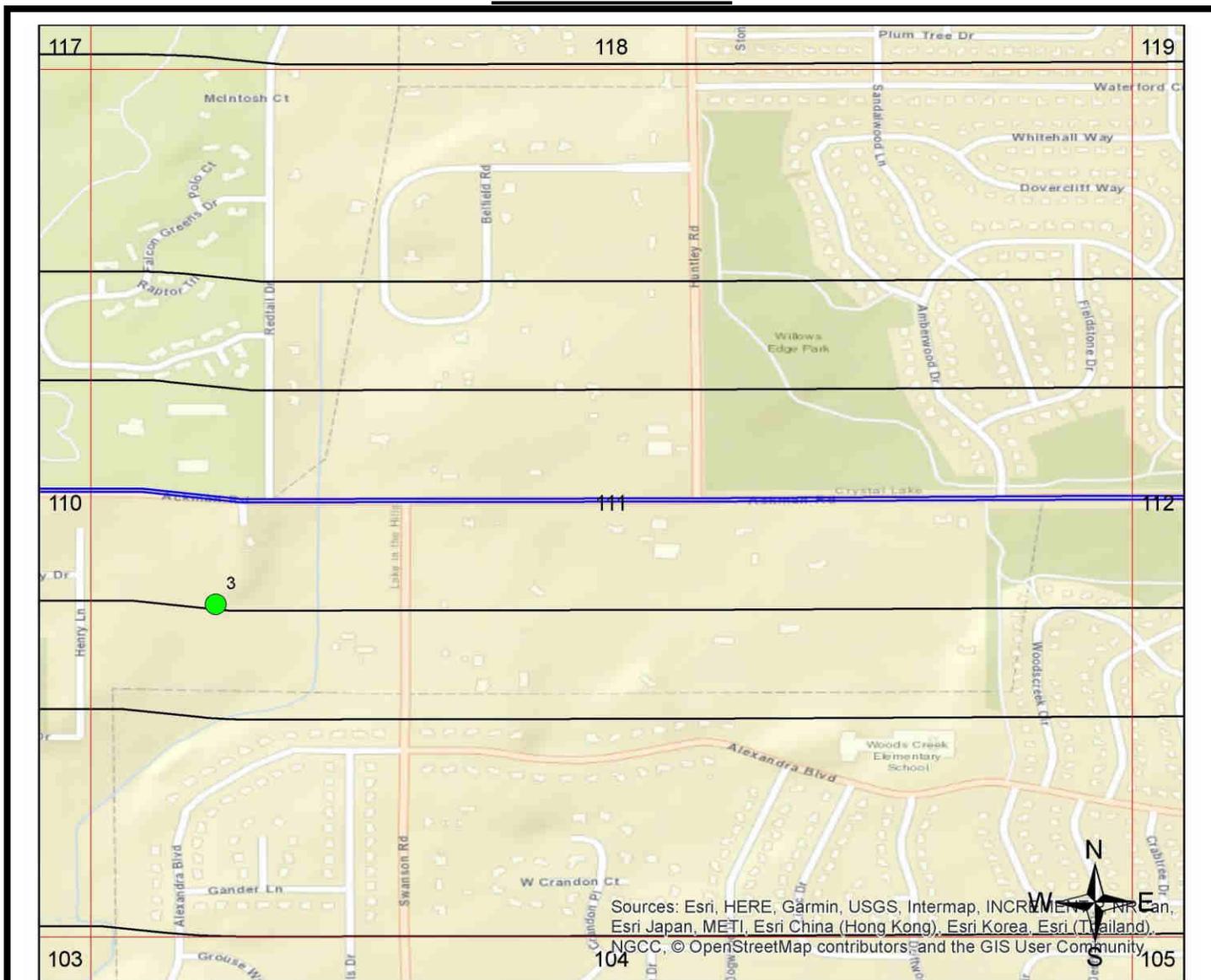


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Navteq, Esri-Japan, MEIT, Esri-China (Hong-Kong), Esri-Korea, Esri-Thailand, NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 111

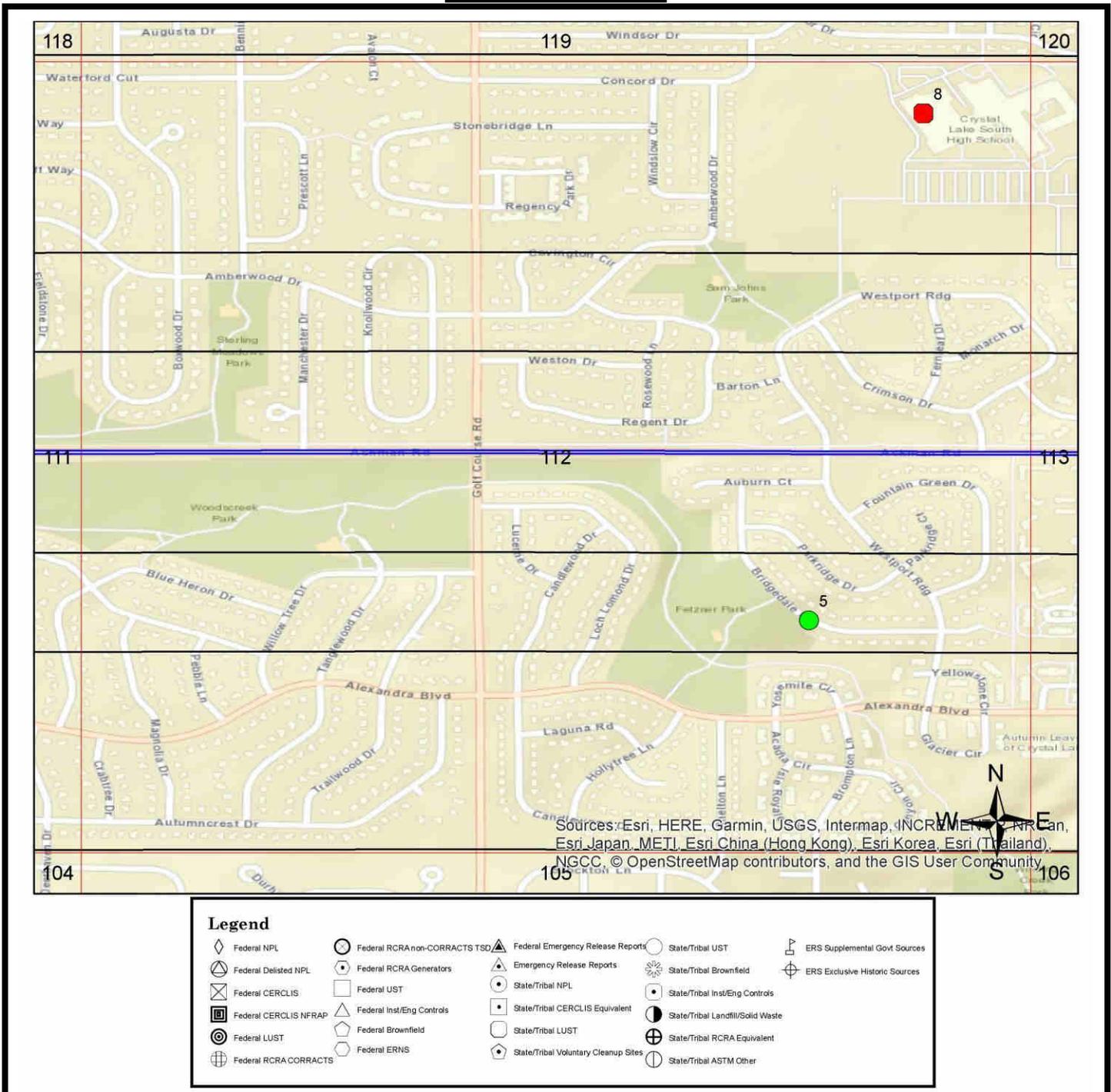


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL PCL, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			

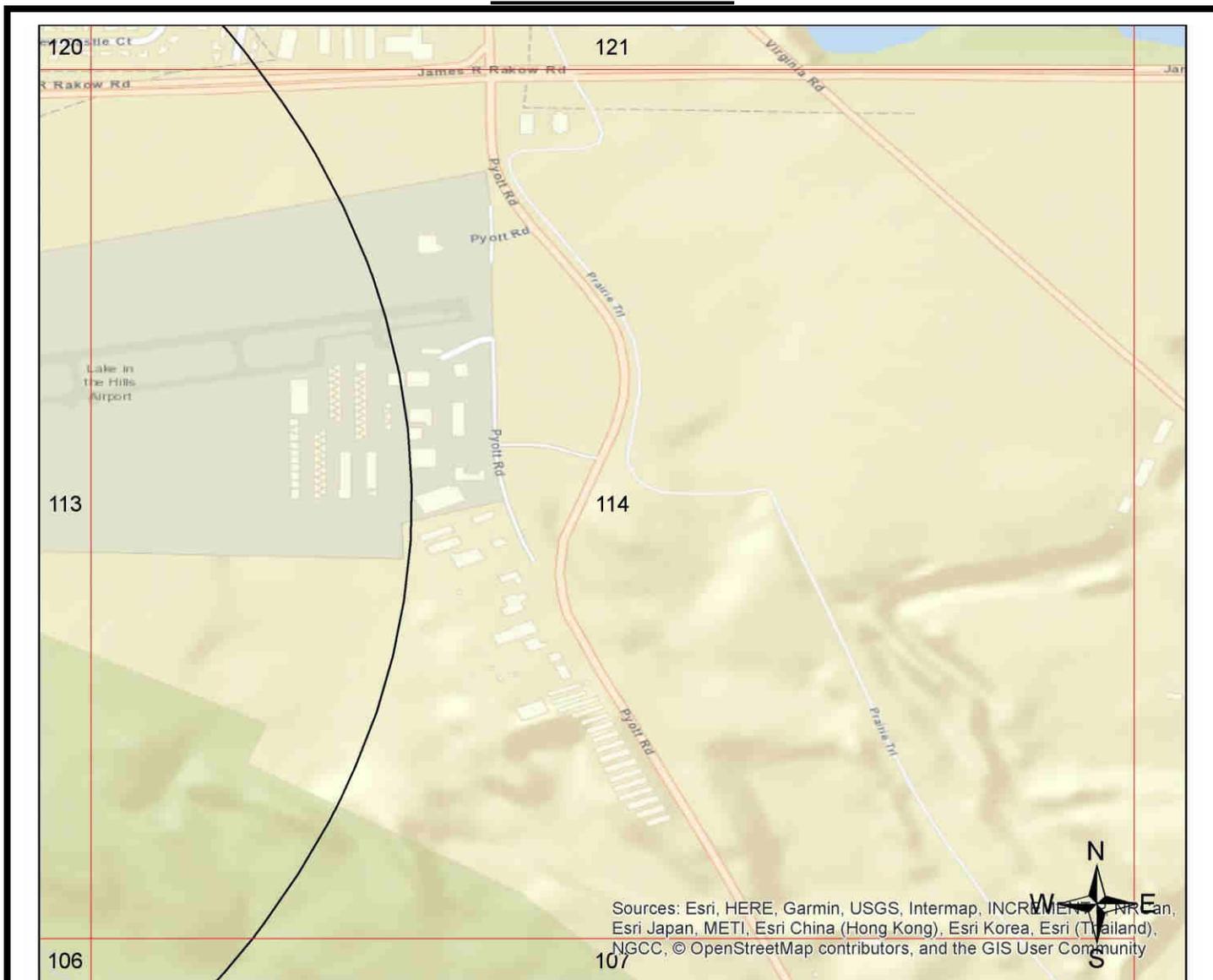
All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 112



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

GRID MAP 114

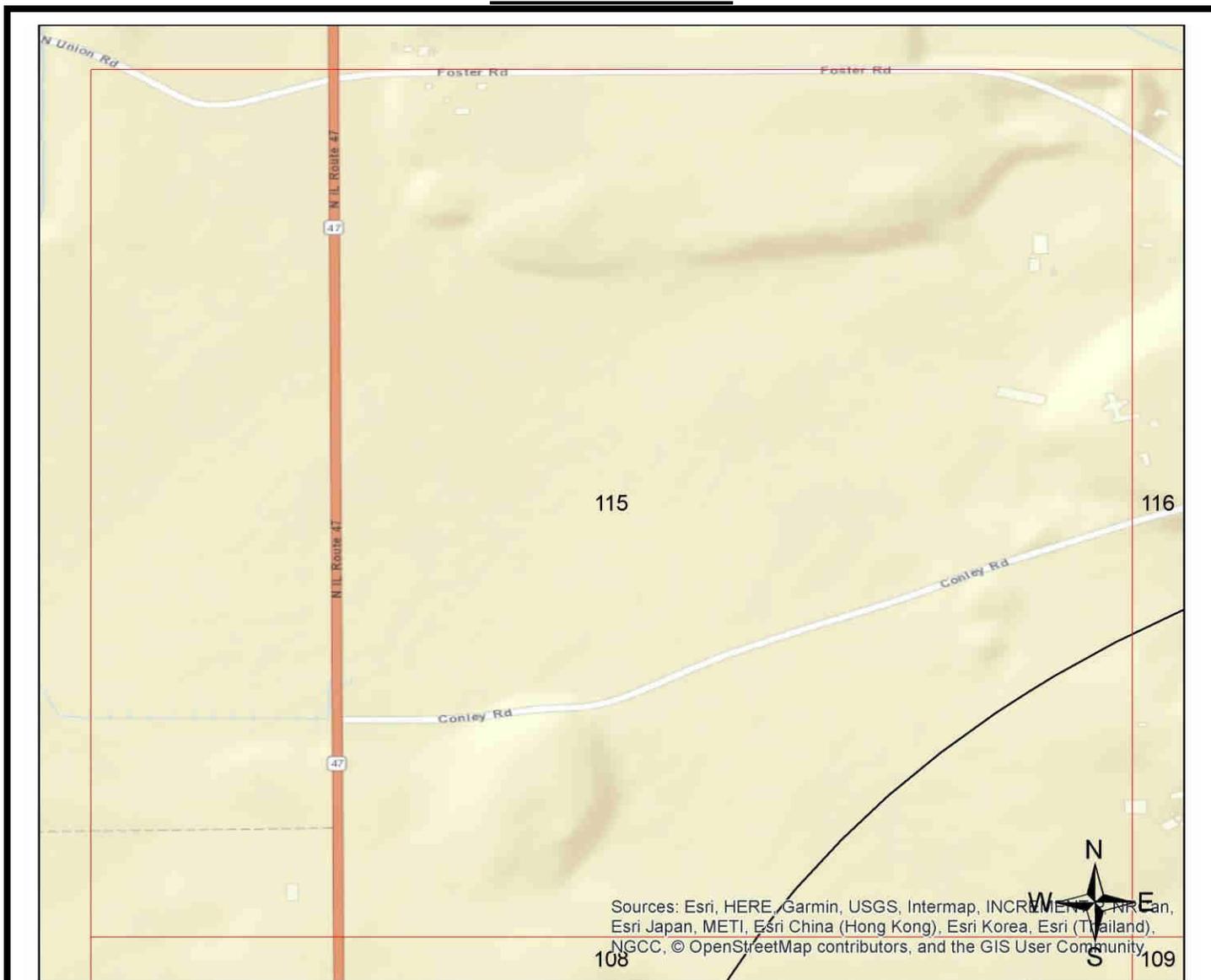


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL PRC, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend					
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST	ERS Supplemental Govt Sources	
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield	ERS Exclusive Historic Sources	
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls		
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste		
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent		
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other		

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

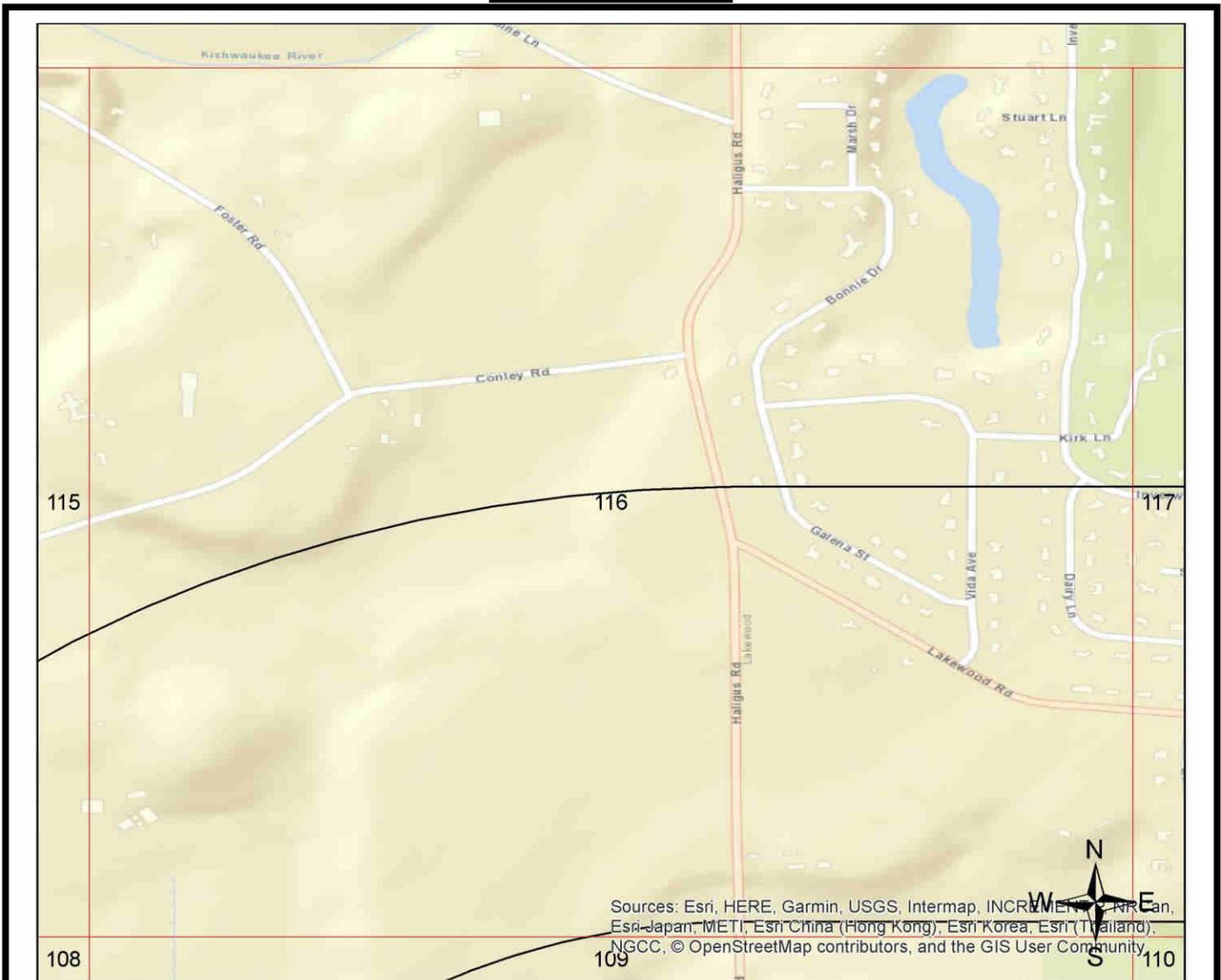
GRID MAP 115



Legend					
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST	ERS Supplemental Govt Sources	
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield	ERS Exclusive Historic Sources	
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls		
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste		
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent		
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other		

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. A actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

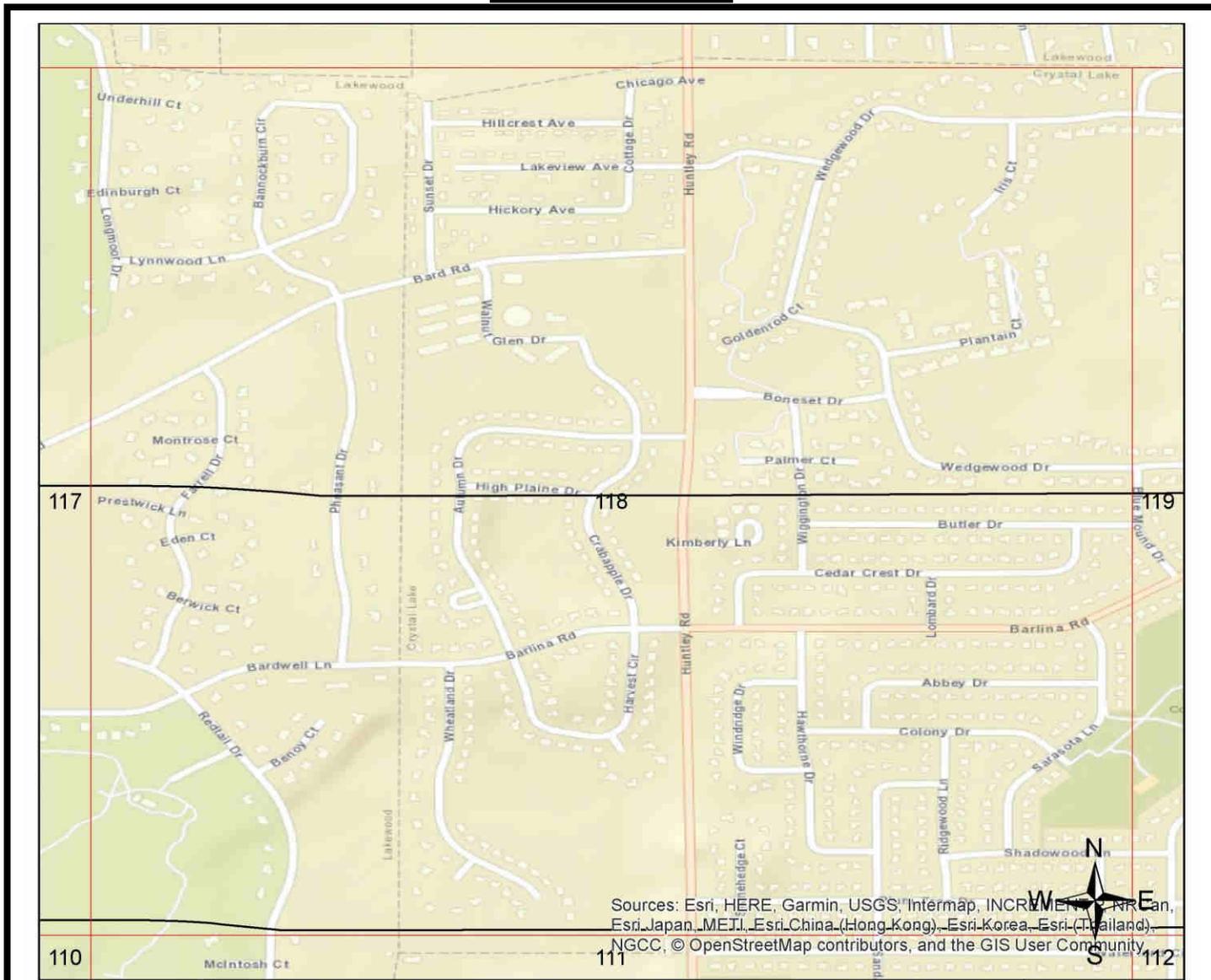
GRID MAP 116



Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

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GRID MAP 118

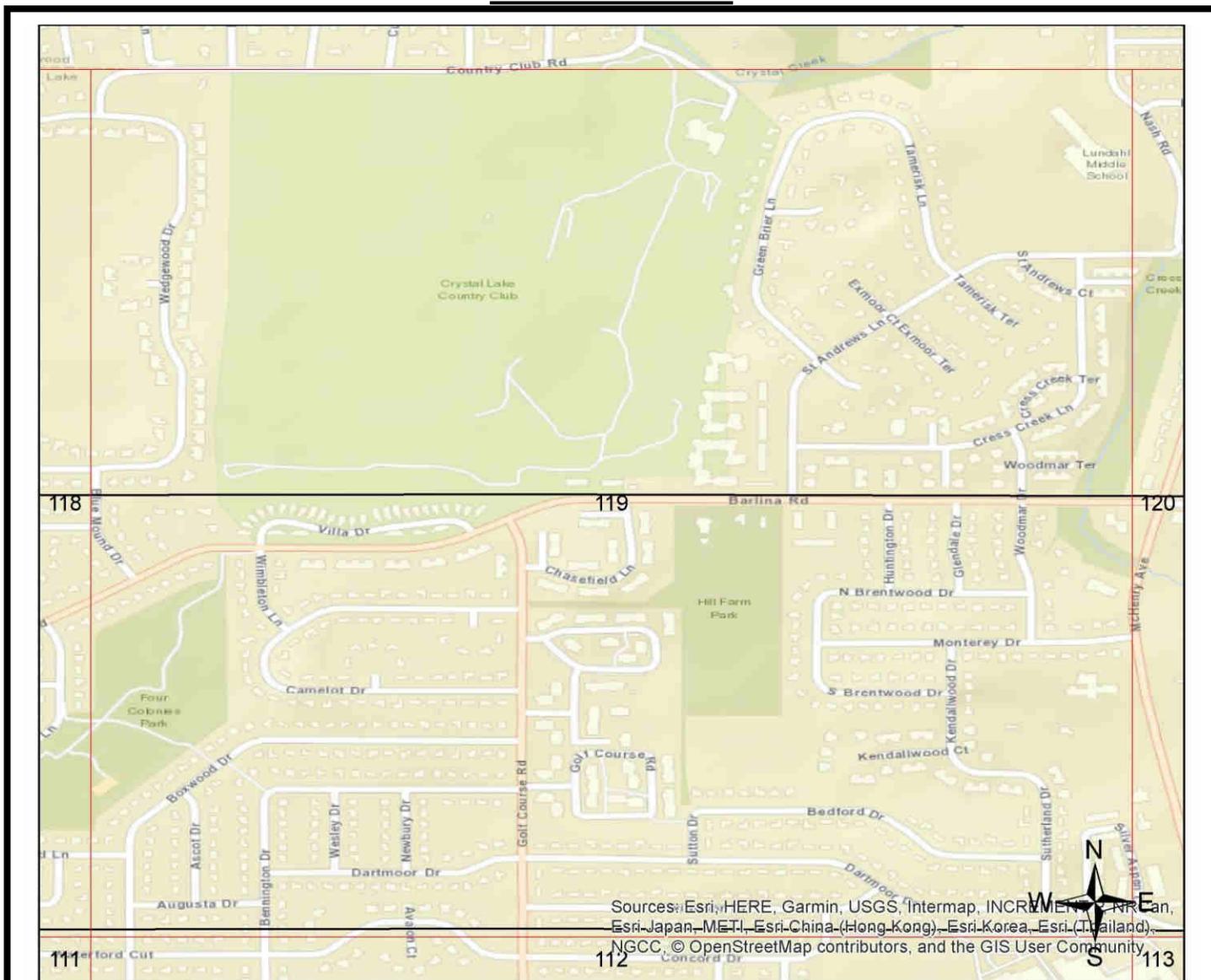


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL PRT, Can, Esri, Japan, MEIT, Esri, China (Hong Kong), Esri, Korea, Esri, Thailand, NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
	Federal NPL		Federal Emergency Release Reports
	Federal RCRA non-CORRACTS TSD		Emergency Release Reports
	Federal RCRA Generators		State/Tribal NPL
	Federal CERCLIS		State/Tribal CERCLIS Equivalent
	Federal CERCLIS NFRAP		State/Tribal LUST
	Federal LUST		State/Tribal RCRA Equivalent
	Federal ERNS		State/Tribal Voluntary Cleanup Sites
	Federal RCRA CORRACTS		State/Tribal ASTM Other
	Federal UST		State/Tribal UST
	Federal Inst/Eng Controls		State/Tribal Brownfield
	Federal Brownfield		State/Tribal Inst/Eng Controls
	Federal ERNS		State/Tribal Landfill/Solid Waste
	Federal ERNS		ERS Supplemental Govt Sources
	Federal ERNS		ERS Exclusive Historic Sources

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GRID MAP 119

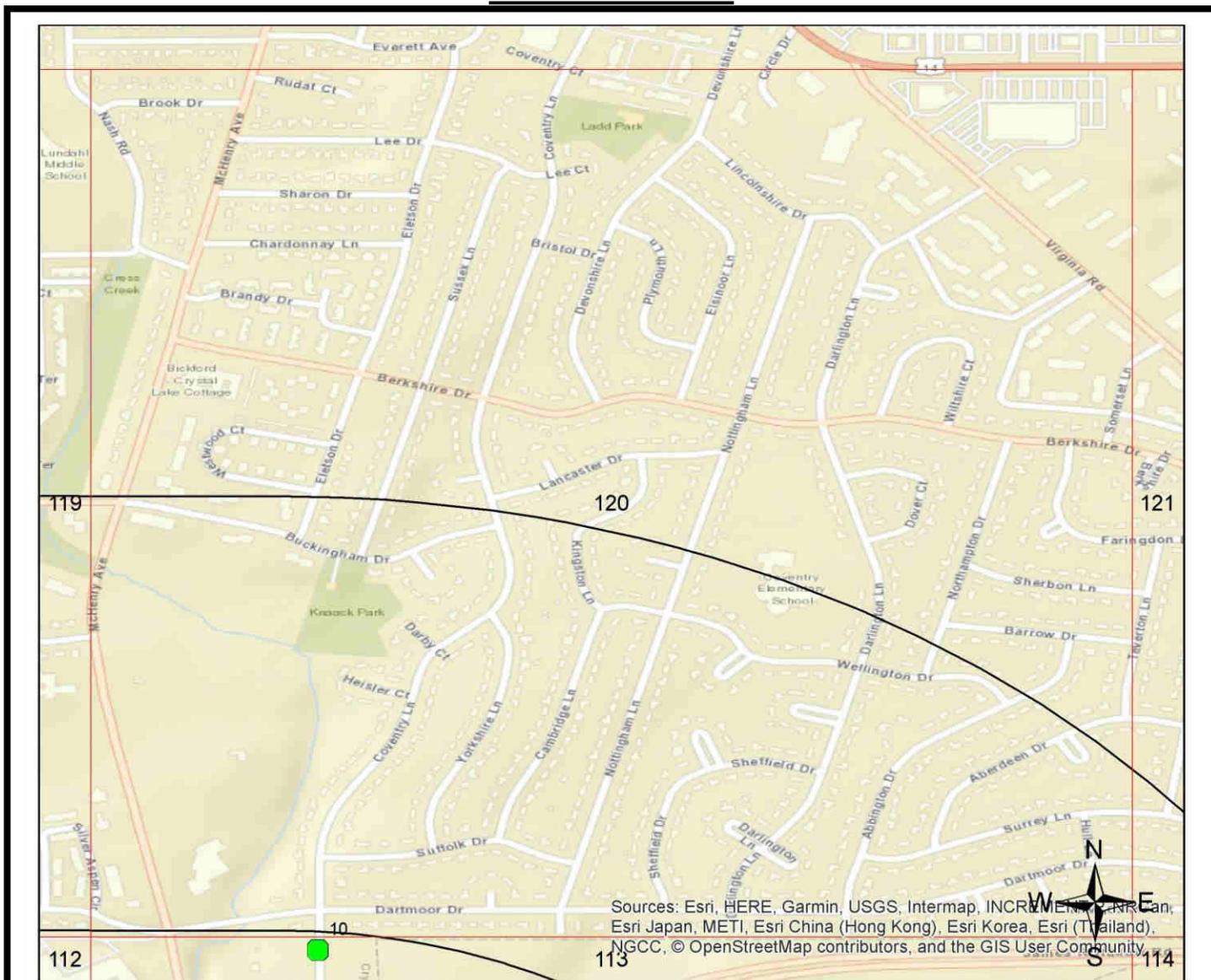


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL PRT Can, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

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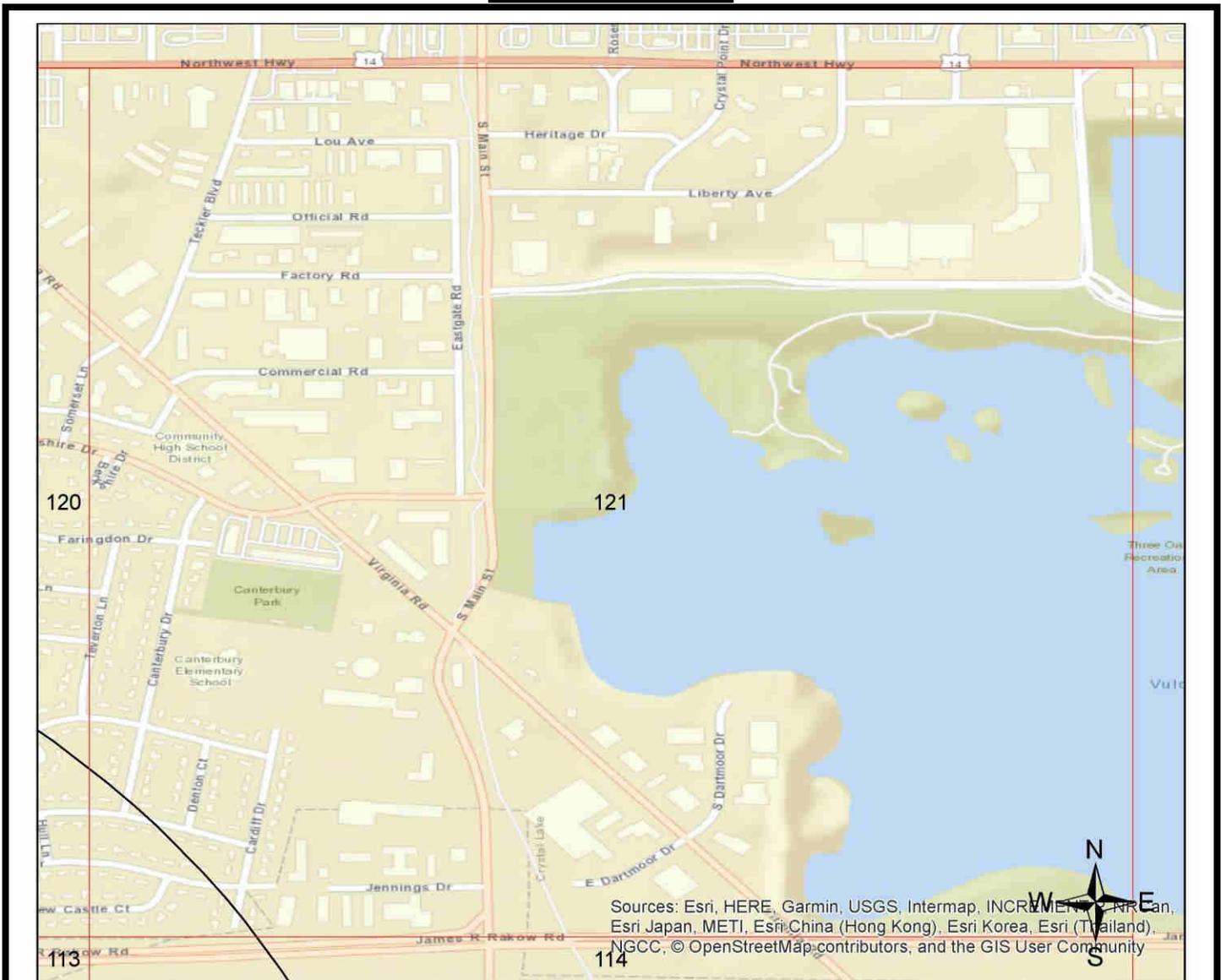
GRID MAP 120



Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

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GRID MAP 121

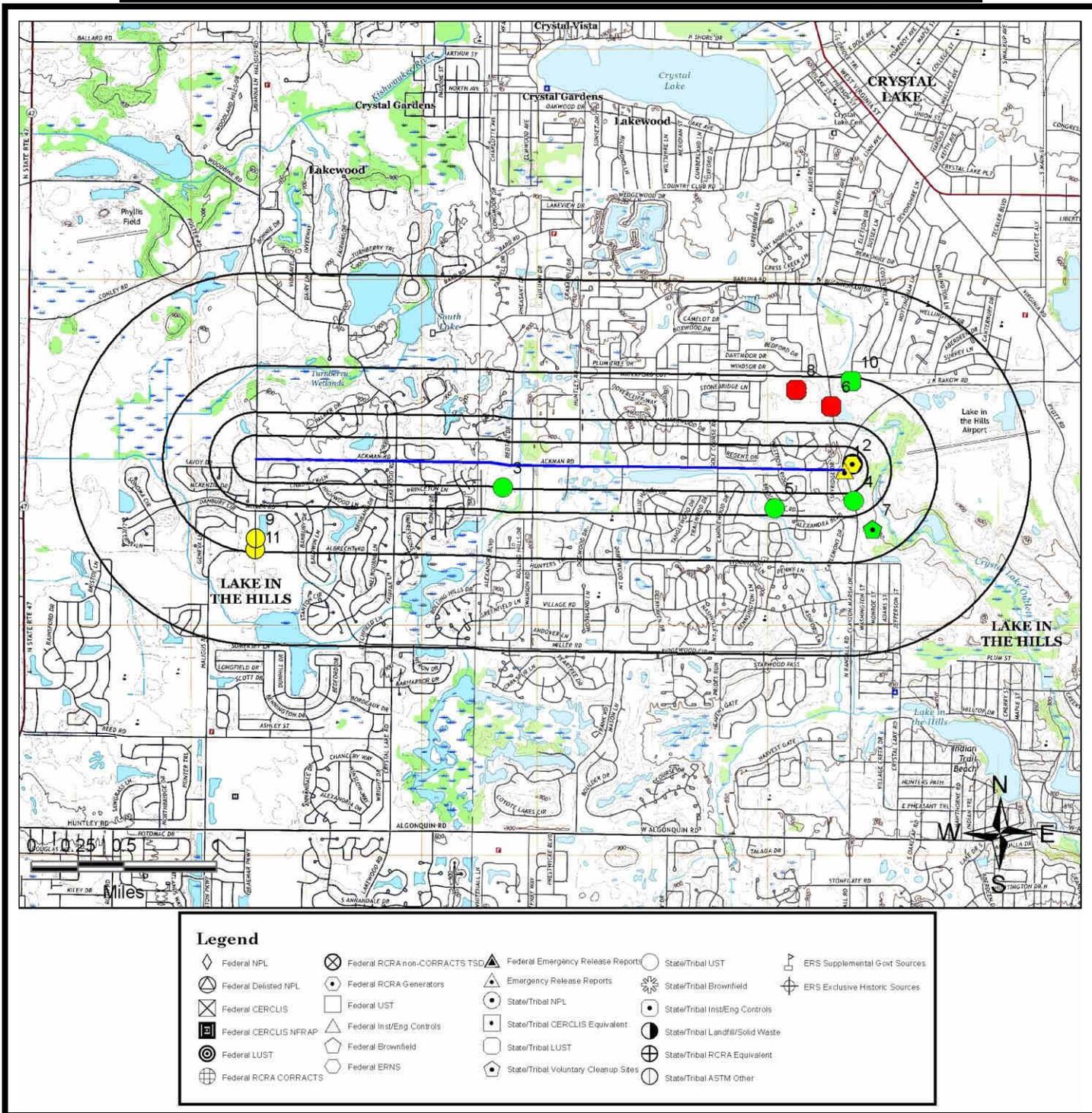


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL PRT Can, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

Legend			
Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste
Federal LUST	Federal Brownfield	State/Tribal LUST	State/Tribal RCRA Equivalent
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other
			ERS Supplemental Govt Sources
			ERS Exclusive Historic Sources

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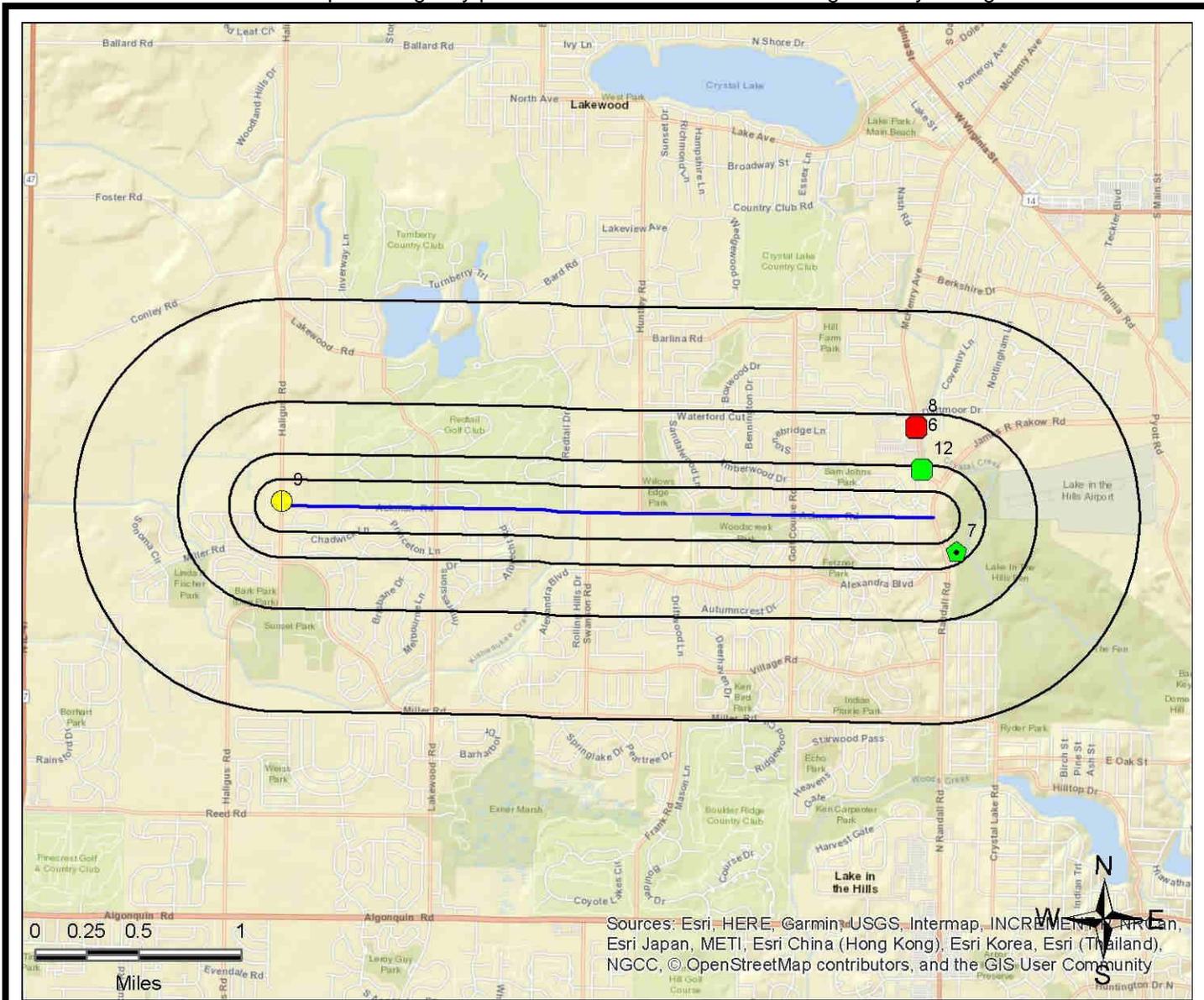
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP4)



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AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP5)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



Legend

Federal NPL	Federal RCRA non-CORRACTS TSD	Federal Emergency Release Reports	State/Tribal UST	ERS Supplemental Govt Sources
Federal Delisted NPL	Federal RCRA Generators	Emergency Release Reports	State/Tribal Brownfield	ERS Exclusive Historic Sources
Federal CERCLIS	Federal UST	State/Tribal NPL	State/Tribal Inst/Eng Controls	
Federal CERCLIS NFRAP	Federal Inst/Eng Controls	State/Tribal CERCLIS Equivalent	State/Tribal Landfill/Solid Waste	
Federal LUST	Federal Brownfield	State/Tribal UST	State/Tribal RCRA Equivalent	
Federal RCRA CORRACTS	Federal ERNS	State/Tribal Voluntary Cleanup Sites	State/Tribal ASTM Other	

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SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID / SITE NAME	ADDRESS / DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
6	980777 Transportation Joint Agreement	1204 South McHenry Ave. LUST-Open-IL	-88.33824, 42.2108	0.43	N
7	1110155299 Rothschild 3 Site	8716 Randall Road VCP-Closed-IL	-88.33428, 42.20214	0.2	SE
8	961440 Crystal Lake School Dist. #47	1200 South McHenry Ave. LUST-Open-IL	-88.33826, 42.21087	0.44	N
9	621365 Computer Recycling Center, LLC	9010 Haligus Road EW-Resi-IL	-88.39823, 42.20496	0.02	N
12	902106 Bryant,Nina	7811 McHenry Ave. LUST-Closed-IL	-88.33764, 42.20784	0.23	N

LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Spills-IL	Listed	< 0.01 miles SE	895 ft	1
SITE NAME			MAPS	ID
Not Reported by Agency			1, 4	880907
ADDRESS			CITY	ZIP
Randall Road & Acman Road			CRYSTAL LAKE	

DETAILS

URL:
<http://tier2.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=880907>
 Incident Report Date: 1988-07-11 00:00:00
 Incident Location County: MCHENRY
 Entered By: Not Reported
 Date Entered: 07/11/88 P.M.
 Data Input Status: CLOSED
 Leaking Underground Storage Tank (LUST)? : Not Reported
 Caller: TROOPER MCDUGALL
 Caller Represents: ISPCC
 Hazmat Incident Type: HAZMAT: FIRE
 Date/Time Occurred: 07/11/88 P.M.
 Milepost: Not Reported
 Section: Not Reported
 Township: Not Reported
 Range: Not Reported
 Area Involved: Not Reported
 Media or medium into which the release occurred: Not Reported
 Weather Information Temp: 80'S,CALM,DRY,SUNNY
 Weather Information Wind: 80'S,CALM,DRY,SUNNY
 Materials Involved: UNKNOWN
 Type: UNKNOWN
 CHRIS CODE: Not Reported
 CAS#: Not Reported
 UN/NA #: Not Reported
 Is this a 302(a) Extremely Hazardous Substance?: Not Reported
 Is this a RCRA Hazardous Waste?: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWAR-IL	Listed	0.05 miles NE	901 ft	2
SITE NAME			MAPS	ID
CVS PHARMACY 3790			1,4	1110155318
ADDRESS			CITY	ZIP
1305 RANDALL RD			CRYSTAL LAKE	60014

DETAILS

2015 Information
 Generation and Management Information
 : Not Reported
 Identification & Certification Information
 USEPA ID: ILR000171231
 Record Code: IC
 Page Number: 00001
 RCRA Generator Status: 1 - LQG
 LQG Last Year? (Y/N): Not Reported
 US Importer of Hazardous Waste? (Y/N): N
 Mixed Waste Generator? (Y/N): N
 Transporter of Hazardous Waste? (Y/N): N
 Treater, Storer or Disposer of HW? (Y/N): N
 Recycler of Hazardous Waste? (Y/N): N
 Small Quantity On-Site Burner Exemption? (Y/N): N
 Smelting, Melting, Refining Furnace Exemption? (Y/N): N
 Underground Injection Control? (Y/N): N
 Batteries Generated? (Y/N): N
 Batteries Accepted? (Y/N): N
 Pesticides Generated? (Y/N): Not Reported
 Pesticides Accepted? (Y/N): N
 Thermostats Generated? (Y/N): Not Reported
 Thermostats Accepted? (Y/N): N
 Fluorescent Bulbs Generated? (Y/N): Not Reported
 Fluorescent Bulbs Accepted? (Y/N): N
 Destination Facility? (Y/N): N
 Used Oil Transporter? (Y/N): N

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-LQG-US	Listed	0.05 miles NE	901 ft	2
SITE NAME			MAPS	ID
CVS PHARMACY 3790			1,4	ILR000171231
ADDRESS			CITY	ZIP
1305 RANDALL RD			CRYSTAL LAKE	60014

DETAILS

Additional details may be found online using the following link:

http://oaspub.epa.gov/enviro/fii_query_dtl_disp_program_facility?pgm_sys_id_in=ILR000171231&pgm_sys_acrnm_in=RCRAINFO

Source Type: A
 Generator Status Universe: LQG
 Generator Status: Large Quantity Generator
 NAICS1: PHARMACIES AND DRUG STORES
 Active Site Indicator: H----
 Owner Name: HIGHLAND PARK CVS
 Operator Name: CVS
 In Handler Universes: Y
 In a Universe: Y
 Short Term Generator: N
 Importer Activity: N
 Mixed Waste Generator: N
 Transporter Activity: N
 Transfer Facility: N
 Recycler Activity: N
 Onsite Burner Exemption: N
 Furnace Exemption: N
 Underground Injection Activity: N
 Receives Waste From Off-site: N
 Universal Waste: N
 Universal Waste Destination Facility: N
 Used Oil Universe: NNNNNNN
 Federal Universal Waste: N
 Active Site Federally Regulated TSD: -----

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-IL	Listed	0.12 miles S	884 ft	3
SITE NAME			MAPS	ID
VERIZON WIRELESSTANK# 1-211			1,4	4572
ADDRESS			CITY	ZIP
8917 ACKMAN ROAD			LAKE IN THE HILLS	60156
DETAILS				
<p>Note: This is an ERS assigned ID. Occupancy ID: MJ-059-1457540803256 Occupant Type: 059 - ABOVE GROUND BULK STORAGE Section Number: MJ Tank: Not Reported Location Address 2: Not Reported Structure: Not Reported Property Owner: VERIZON WIRELESS Type: TANK - ABOVE GROUND BULK Date: Not Reported Inspector: Not Reported</p>				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-IL	Exempt	0.17 miles S	882 ft	4
SITE NAME			MAPS	ID
Rothchild 3			1,4	2044405
ADDRESS			CITY	ZIP
8716 RandallRoad			Crystal Lake	60014

DETAILS

Facility and Program Information

URL:
<http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2044405>
 Facility ID: 2044405
 Facility Type: None
 Owner ID: U0035361
 Owner Name: Spring Valley LLC
 Owner Address: 31103 Rancho Viejo Road, Suite 2195
 Owner City: San Juan Capistrano
 Owner State: CA
 Owner Zip: 92675
 Green Tag Decal: Not Reported
 Green Tag Issue Date: Not Reported
 Green Tag Exp Date: Not Reported
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported

Tank ID: 1
 Tank Status: Exempt from registration
 Tank Capacity: 8000
 Product: Diesel Fuel
 Date Installed: Not Reported
 Last Used Date: 12/31/1973
 Red Tag Issue Date: Not Reported
 OSFM First Notify Date: Not Reported
 Fee Due: Not Reported
 IEMA: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
UST-IL	Closed	0.21 miles S	877 ft	5
SITE NAME			MAPS	ID
Lift Station # 23			1, 4	2024684
ADDRESS			CITY	ZIP
1434 Bridgedale Rd			Crystal Lake	60039

DETAILS

Facility and Program Information

URL:
<http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2024684>
 Facility ID: 2024684
 Facility Type: City / Town
 Owner ID: U0003624
 Owner Name: City of Crystal Lake
 Owner Address: 100 West Municipal Complex P.O. Box 597
 Owner City: Crystal Lake
 Owner State: IL
 Owner Zip: 600144262
 Green Tag Decal: Not Reported
 Green Tag Issue Date: Not Reported
 Green Tag Exp Date: Not Reported
 Motor Fuel Permit Inspection Date: Not Reported
 Motor Fuel Permit Expiration Date: Not Reported

Tank ID: 1
 Tank Status: Removed
 Tank Capacity: 1500
 Product: Diesel Fuel
 Date Installed: Not Reported
 Last Used Date: Not Reported
 Red Tag Issue Date: Not Reported
 OSFM First Notify Date: 11/21/1988
 Fee Due: \$0.00
 IEMA: Not Reported

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-IL	Open	0.34 miles N	882 ft	6
SITE NAME			MAPS	ID
Transportation Joint Agreement			1,4	980777
ADDRESS			CITY	ZIP
1204 South McHenry Ave.			Crystal Lake	60014

DETAILS

Lust Facility and Program Information

Details URL:

<https://www2.illinois.gov/epa/topics/cleanup-programs/bol-database/Pages/leaking-ust.aspx>

Details URL Instructions: Go to URL, Search by Incident Number in IEMA Search Field.

Document Explorer URL:

<http://external.epa.illinois.gov/DocumentExplorer/Attributes>

Document Explorer URL Instructions: Go to URL, select IEPA Bureau ID search, and put BL ID in Bureau ID field. If BL ID is not reported then search by Facility Name, Click on Name URL for Documents.

Incident ID: 980777

Bureau of Land ID: 1110155144

IEMA Date: 4/8/1998

County: McHenry

PrimaryResponsiblePartyName: Transportation Joint Agreement

PrimaryResponsiblePartyAddress: 1204 South McHenry Ave.

PrimaryResponsiblePartyCity: Crystal Lake

PrimaryResponsiblePartyState: IL

PrimaryResponsiblePartyZip: 60014

PrimaryResponsiblePartyPhone: 8154550558

PrimaryResponsiblePartyContact: Butch Majewski

Gasoline: False

Unleaded: False

Diesel: True

Fuel Oil: False

Jet Fuel: False

Used Oil: False

Non Petroleum Product: False

Other Petroleum: False

Regulated By: 732

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
VCP-Closed-IL	Closed	0.35 miles SE	864 ft	7
SITE NAME			MAPS	ID
Rothschild 3 Site			1 , 4	1110155299
ADDRESS			CITY	ZIP
8716 Randall Road			Crystal Lake	60014

DETAILS

Site Information

URL:
<http://epadata.epa.state.il.us/land/srp/> and Search by ID
 IEPA ID: 1110155299
 US EPA ID: Not Reported
 County: McHenry
 Site Name: Rothschild 3 Site
 4Y Letter Date: Not Reported
 ActiveSite: No
 SA Received Date: 7/16/2009
 Agency Provided Latitude: 42.202141
 Agency Provided Longitude: -88.334276
 Applicant First Name: Elizabeth
 Applicant Last Name: Kessler
 Applicant Title: Executive Dir.
 Applicant Address: 18410 U.S. Highway 14
 Applicant Address 2: Not Reported
 Applicant City: Woodstock, IL
 Applicant Zip: 60098
 Consultant Company: Condon Consulting Engineers
 Consultant Contact: Matthew Wollert
 Consultant Address: 5415 Business Parkway
 Consultant Address 2: Not Reported
 Consultant City: Ringwood, IL
 Consultant Zip: 60072

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Open-IL	Open	0.43 miles N	895 ft	8
SITE NAME			MAPS	ID
Crystal Lake School Dist. #47			1,4	961440
ADDRESS			CITY	ZIP
1200 South McHenry Ave.			Crystal Lake	60014

DETAILS

Lust Facility and Program Information

Details URL:

<https://www2.illinois.gov/epa/topics/cleanup-programs/bol-database/Pages/leaking-ust.aspx>

Details URL Instructions: Go to URL, Search by Incident Number in IEMA Search Field.

Document Explorer URL:

<http://external.epa.illinois.gov/DocumentExplorer/Attributes>

Document Explorer URL Instructions: Go to URL, select IEPA Bureau ID search, and put BL ID in Bureau ID field. If BL ID is not reported then search by Facility Name, Click on Name URL for Documents.

Incident ID: 961440

Bureau of Land ID: 1110155098

IEMA Date: 8/13/1996

County: McHenry

PrimaryResponsiblePartyName: Crystal Lake School Dist. #47

PrimaryResponsiblePartyAddress: 1 South Virginia Rd.

PrimaryResponsiblePartyCity: Crystal Lake

PrimaryResponsiblePartyState: IL

PrimaryResponsiblePartyZip: 60014

PrimaryResponsiblePartyPhone: Not Reported

PrimaryResponsiblePartyContact: Steve Fields

Gasoline: False

Unleaded: False

Diesel: True

Fuel Oil: False

Jet Fuel: False

Used Oil: False

Non Petroleum Product: False

Other Petroleum: False

Regulated By: 732

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
EW-Resi-IL	Listed	0.43 miles S	870 ft	9
SITE NAME			MAPS	ID
Computer Recycling Center, LLC			1 , 4	621365
ADDRESS			CITY	ZIP
9010 Haligus Road			Crystal Lake	

DETAILS

Note: This is an ERS assigned ID
 County: McHenry
 Phone: 815-455-6300
 Pounds Collected in 2013: Not Reported
 Agency Provided Latitude: 42.204961
 Agency Provided Longitude: -88.398226

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
LUST-Closed-IL	Closed	0.48 miles N	882 ft	10
SITE NAME			MAPS	ID
Crystal Lake Park Dist.			1,4	900201
ADDRESS			CITY	ZIP
1100 Dole Ave.			Crystal Lake	60014

DETAILS

Lust Facility and Program Information

Details URL:

<https://www2.illinois.gov/epa/topics/cleanup-programs/bol-database/Pages/leaking-ust.aspx>

Details URL Instructions: Go to URL, Search by Incident Number in IEMA Search Field.

Document Explorer URL:

<http://external.epa.illinois.gov/DocumentExplorer/Attributes>

Document Explorer URL Instructions: Go to URL, select IEPA Bureau ID search, and put BL ID in Bureau ID field. If BL ID is not reported then search by Facility Name, Click on Name URL for Documents.

Incident ID: 900201

Bureau of Land ID: 1110155111

IEMA Date: 1/22/1990

County: McHenry

PrimaryResponsiblePartyName: Crystal Lake Park Dist.

PrimaryResponsiblePartyAddress: 300 Lake Shore Dr.

PrimaryResponsiblePartyCity: Crystal Lake

PrimaryResponsiblePartyState: IL

PrimaryResponsiblePartyZip: 60014

PrimaryResponsiblePartyPhone: Not Reported

PrimaryResponsiblePartyContact: Kirk Reimer

Gasoline: False

Unleaded: False

Diesel: True

Fuel Oil: False

Jet Fuel: False

Used Oil: False

Non Petroleum Product: False

Other Petroleum: False

Regulated By: 731

[More Details Link](#)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
EW-Resi-IL	Listed	0.49 miles S	874 ft	11
SITE NAME			MAPS	ID
Com2 Computer and Technologies			1 , 4	621128
ADDRESS			CITY	ZIP
9010 Haligus Road			Lake in the Hills	

DETAILS

Note: This is an ERS assigned ID
County: McHenry
Phone: 630-653-2662
Pounds Collected in 2013: Not Reported
Agency Provided Latitude: 42.197513
Agency Provided Longitude: -88.398225

RECORDS SOURCES SEARCHED

ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
AST-IL	Aboveground Storage Tanks	State/Tribal UST	Click Here	1
BF-IL	Historical Office of Brownfields Assistance (OBA) Database (aka Brownfield Sites, Municipal Brownfields Redevelopment Grant Program Project Descriptio	State/Tribal Brownfield	Click Here	None Found
BFRAD-IL	Brownfield Redevelopment Assessment Database (aka Brownfields)	State/Tribal Brownfield	Click Here	None Found
BF-Tribal-US	Historical Tribal Brownfields	Federal Brownfield	Click Here	None Found
BF-US	Brownfields Sites	Federal Brownfields	Click Here	None Found
CERCLIS-Archived-US	CERCLIS sites that have been archived	Federal CERCLIS NFRAP	Click Here	None Found
CERCLIS-US	Comprehensive Environmental Response, Compensation, and Liability Information System	Federal CERCLIS	Click Here	None Found
City-AST-IL	City Agency Aboveground Storage Tanks	State/Tribal UST	Click Here	None Found
City-LUST-Closed-IL	City Agency Closed Leaking UST	State/Tribal LUST	Click Here	None Found
City-Others-IL	Hazardous Materials or Petroleum Products	State/Tribal ASTM Other Med	Click Here	None Found
City-UST-IL	City Agency Underground Storage Tanks	State/Tribal UST	Click Here	None Found
Controls-RCRA-US	RCRA Institutional and Engineering Controls Summary (aka Federal RCRA with Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
Controls-US	US CERCLA Sites with Controls (aka US IC/EC, Institutional/Engineering List Controls, Land Use Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
Debris-US	Historical Debris Sites	Federal Solid Waste	Click Here	None Found
Delisted-NPL-US	Delisted NPL Sites	Federal Delisted NPL	Click Here	None Found
EC-IL	Engineering Control Sites (aka Sites with Engineering Controls)	State/Tribal Inst/Eng Controls	Click Here	None Found
ERNS-US	Emergency Response Notification System	Federal ERNS	Click Here	None Found
EW-CRR-IL	E-Waste Collectors, Recyclers and Refurbishers	State/Tribal ASTM Other Med	Click Here	None Found

ABBREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
EW-Resi-IL	Residential E-Waste Collection	State/Tribal ASTM Other Med	Click Here	2
FEMA-UST-US	Historical FEMA Underground Storage Tanks	Federal UST	Click Here	None Found
FTTS-ENF-US	Historical FIFRA/TSCA Tracking System (FTTS) Enforcement Actions	Federal ASTM Other	Click Here	None Found
Hist-Dumps-US	Historical Dumps Inventory of 1985	Federal Solid Waste	Click Here	None Found
HIST-LF-IL	Historic Landfills (aka LF WMRC)	State/Tribal Landfill/Solid Waste	Click Here	None Found
Hist-US-EC	Historical Engineering Controls Sites (aka US EC, Engineering Controls, Land Use Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
Hist-US-IC	Historical Sites with Institutional Controls (aka US IC, Institutional Controls, Land Use Controls)	Federal Institutional/Engineering Controls	Click Here	None Found
HMIS-US	Hazardous Materials Information System	Federal Emergency Release Reports	Click Here	None Found
HWAR-IL	Hazard Waste Annual Reports	State/Tribal RCRA Equivalent	Click Here	1
IC-IL	Institutional Control Sites	State/Tribal Inst/Eng Controls	Click Here	None Found
LF-SPW-IL	Landfills - Special Waste (aka LF Special Waste, Special Waste Site List)	State/Tribal Landfill/Solid Waste	Click Here	None Found
LIENS-US	Superfund Liens	Federal Institutional/Engineering Controls	Click Here	None Found
LUST-Closed-IL	Leaking Underground Storage Tank Incident Tracking Database, Closed Cases (aka Leaking Underground Storage Tanks)	State/Tribal LUST	Click Here	1
LUST-Open-IL	Leaking Underground Storage Tank Incident Tracking Database, Open Cases (aka Leaking Underground Storage Tanks)	State/Tribal LUST	Click Here	2
Manifest2-RI	Hazardous Waste Manifest	State/Tribal RCRA Equivalent	Click Here	None Found
NPL-R5-US	NPL Region 5 Site Boundaries	Federal NPL	Click Here	None Found
NPL-US	National Priorities List	Federal NPL	Click Here	None Found
OER-Spills-IL	Office of Emergency Response Spills (aka SPILLS)	Emergency Release Reports	Click Here	None Found
PADS-US	PCB Registration Database System	Federal ASTM Other	Click Here	None Found
PCB-US	PCB Transformers	Federal ASTM Other	Click Here	None Found

ABBREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Proposed-NPL-US	Proposed NPL Sites	Federal NPL	Click Here	None Found
RCRA-CESQG-US	Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators (aka RCRA CESQG)	Federal RCRA Generators	Click Here	None Found
RCRA-COR-US	Resource Conservation and Recovery Act, - Corrective Actions (aka RCRA CORRACTS)	Federal RCRA CORRACTS	Click Here	None Found
RCRA-LQG-US	Resource Conservation and Recovery Act, Large Quantity Generators (aka RCRA LQG)	Federal RCRA Generators	Click Here	1
RCRA-NON-US	Resource Conservation and Recovery Act, Non-Hazardous Generators (aka RCRA Non-Haz, RCRA NonGen, RCRA No longer Regulated)	Federal RCRA Generators	Click Here	None Found
RCRA-SQG-US	Resource Conservation and Recovery Act, Small Quantity Generators (aka RCRA SQG)	Federal RCRA Generators	Click Here	None Found
RCRA-TSDF-US	Resource Conservation and Recovery Act -, Treatment, Storage, and Disposal Facilities (aka RCRA TSD, RCRA TSDF)	Federal RCRA non-CORRACTS TSD	Click Here	None Found
SAA-Agreements-US	Sites with Superfund Alternative Approach Agreements	Federal ASTM Other	Click Here	None Found
Spills-IL	Illinois Hazardous Materials Incident Reports (aka IEMA Spills)	Emergency Release Reports	Click Here	1
SS-IL	State Response Action Program (aka State Sites Unit Listing)	State/Tribal CERCLIS Equivalent	Click Here	None Found
STRIP-IL	Storage, Treatment, Recyclers, Incinerators and Processors List	State/Tribal ASTM Other Med	Click Here	None Found
SWF-IL	Solid Waste Facilities	State/Tribal Landfill/Solid Waste	Click Here	None Found
SWLF-US	Solid Waste Facilities	Federal Solid Waste	Click Here	None Found
Tribal-LUST-Closed-Reg5	Tribal Leaking Underground Storage Tanks, Region 5, Closed Cases (aka Indian Lust)	Federal LUST	Click Here	None Found
Tribal-LUST-Open-Reg5	Tribal Leaking Underground Storage Tanks, Region 5, Open Cases (aka Indian Lust)	Federal LUST	Click Here	None Found
Tribal-ODI-US	Tribal Open Dump Sites	Federal Solid Waste	Click Here	None Found
Tribal-UST-Reg5	Tribal Underground Storage Tanks (aka INDIAN UST)	Federal UST	Click Here	None Found

ABREVIATION	DATABASE FULLNAME	DATABASE CATEGORY	DATABASE DETAILS LINK	TOTAL LISTINGS
Tribal-VCP-US	Tribal VCP	Federal Tribal VCP	Click Here	None Found
UECA-IL	Illinois Uniform Environmental Covenants Registry (aka Uniform Environmental Covenants Act)	State/Tribal Inst/Eng Controls	Click Here	None Found
UST-IL	Underground Storage Tank Database (aka Underground Storage Tank Facility List)	State/Tribal UST	Click Here	2
VCP-Closed-IL	Site Remediation Program Database, Closed Cases (aka SRP)	State/Tribal Voluntary Cleanup Sites	Click Here	1
VCP-Open-IL	Site Remediation Program Database, Open Cases (aka SRP)	State/Tribal Voluntary Cleanup Sites	Click Here	None Found

UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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Appendix C
EcoCAT

Applicant: Hampton, Lenzini and Renwick Inc.
Contact: Erica Spolar
Address: 380 Shepard Drive
Elgin, IL 60123

IDNR Project Number: 1909543
Date: 04/09/2019
Alternate Number: 19.0046

Project: Ackman Road
Address: Huntley Road and Ackman Road, Crystal Lake

Description: Roadway work along Ackman Road, from Haligus Road to Randall Road, McHenry Co, IL. Approx 3 miles.

Natural Resource Review Results

This project was submitted for information only. It is not a consultation under 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
Kishwaukee Fen INAI Site
Lake-In-The-Hills Fen INAI Site
Kishwaukee Fen Nature Preserve
Lake In The Hills Fen Nature Preserve
Blanding's Turtle (*Emydoidea blandingii*)
Blanding's Turtle (*Emydoidea blandingii*)
Blanding's Turtle (*Emydoidea blandingii*)
Elfin Skimmer (*Nannothemis bella*)

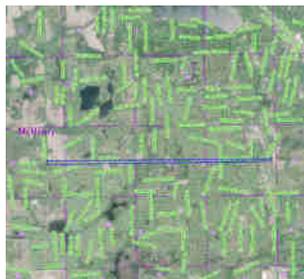
Location

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

County: McHenry

Township, Range, Section:

43N, 7E, 13
43N, 7E, 14
43N, 7E, 15
43N, 8E, 18



IL Department of Natural Resources Contact

Impact Assessment Section
217-785-5500
Division of Ecosystems & Environment

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.
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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.

Appendix D

National Register of Historic Structures for McHenry County

Ref#	Property Name	Status	Restricted Address	Name of Multiple Property Listing	State	County	City	Street & Number	Listed Date	NHL Designated Date	Architects/B uilders	Federal Agencies	Other Names	Park Name	Significant Persons
07000453	Geister, Christian, House	Listed	FALSE		ILLINOIS	McHenry	Algonquin	302 S. Main St.	9/25/2007		Wilburn, Amos				
85001127	Palmer, Col. Gustavus A., House	Listed	FALSE		ILLINOIS	McHenry	Crystal Lake	5516 Terra Cotta Rd.	5/24/1985		Simon, Andrew Jackson		Col. Palmer House		
79003113	Hibbard, Charles H., House	Listed	FALSE		ILLINOIS	McHenry	Marengo	413 W. Grant Hwy.	2/14/1979		Rogers, O.P.		Cupola House		
79003114	Rogers, Orson, House	Listed	FALSE		ILLINOIS	McHenry	Marengo	E of Marengo at 19621 E. Grant St.	6/22/1979		Unknown		Colonial House		Rogers, Orson
82002587	Count's House	Listed	FALSE		ILLINOIS	McHenry	McHenry	3803 Waukegan	6/3/1982		Unknown				
88003246	Covell, Lucein Boneparte, House	Listed	FALSE		ILLINOIS	McHenry	Richmond	5805 Broadway	1/26/1989		Unknown				
93000839	Memorial Hall	Listed	FALSE		ILLINOIS	McHenry	Richmond	10308 Main St.	8/19/1993		Arp, Fred				
74002183	Old McHenry County Courthouse	Listed	FALSE		ILLINOIS	McHenry	Woodstock	City Sq.	11/1/1974		Van Osdel, J.M.		Old Courthouse and Jail		
79003115	Stickney, George, House	Listed	FALSE		ILLINOIS	McHenry	Woodstock	NE of Woodstock at 1904 Cherry Valley Rd.	5/14/1979		Unknown		House with round corners		Stickney, George
79003116	Terwilliger House	Listed	FALSE		ILLINOIS	McHenry	Woodstock	E of Woodstock at Mason Hill and Cherry Valley Rds.	5/14/1979		Unknown		Colonial Farmhouse; Colonial House		Terwilliger, Samuel
74002184	Woodstock Opera House	Listed	FALSE		ILLINOIS	McHenry	Woodstock	119 Van Buren St.	7/17/1974		Hoag, Smith		Woodstock City Hall		
82000399	Woodstock Square Historic District	Listed	FALSE		ILLINOIS	McHenry	Woodstock	Roughly bounded by Calhoun, Throop, Cass, Main, C and NW RR Tracks, and Jefferson Sts.	11/12/1982		Multiple	U.S. POSTAL SERVICE	PH0003441; PH0031747		