

2nd Quarter
June 2, 2015



SJRBC
St. Joseph River Basin Commission

Financials

- Cash Balance as of March 31, 2015: **\$172,401.30**
- YTD Expenditures: **\$38,168.04**
- 3rd Quarter Expenditures: **\$19,861.70**
- Contributions as of March 31st: **\$10,045.00**

Old Business

- Basin Updates


Old Business

- Basin Updates
- **St. Joseph River Basin Filter Strip Initiative**

St. Joseph River Basin Filter Strip Initiative

Education and Outreach of Indiana's Filter Strip Law IC 6-1.1-6.7

11/18/2014
St. Joseph River Basin Commission Plan -
Jeremy Reiman



INSTRUCTIONS FOR FILTER STRIP APPLICATION

1. Owner must be the current owner of record as indicated in the records of St. Joseph County
2. List all parcel I.D.'s affected by the legal description
3. List the name of the ditch, regulated drain, or stream
4. Legal description must be prepared by the St. Joseph County Surveyor or a Professional Surveyor licenses in good standing in the State of Indiana. Description shall contain acres.
5. A plat of the parcel(s) shall be attached. Plat shall be 8 1/2" x 11" in size. The plat need not be a specific scale but must be clear, neat, legible, clearly delineating course with bearings and dimensions.
6. Attach an aerial photo copy with the proposed parcel(s) clearly highlighted or delineated
7. Attach documentation of property's most current assessed value
8. Attach a letter of acceptance of filter strip classification from the St. Joseph County Soil and Water Conservation District

Old Business

- Basin Updates
- St. Joseph River Basin Filter Strip Initiative
- **Regional Conservation Partnership Program**

Old Business

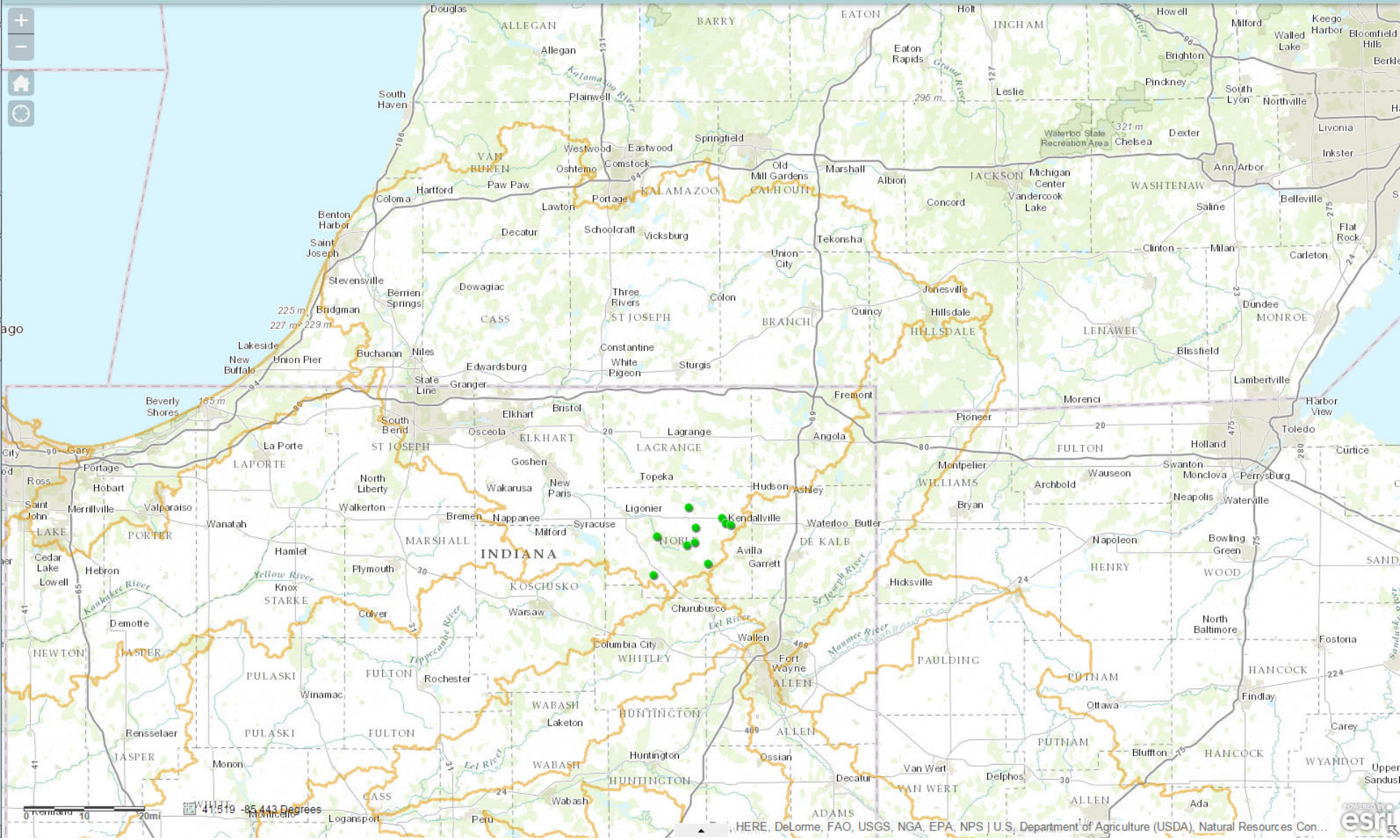
- Basin Updates
- St. Joseph River Basin Filter Strip Initiative
- Regional Conservation Partnership Program
- **Indiana Watershed Leadership Academy**



Phase 1 - 2014-2015 Sites



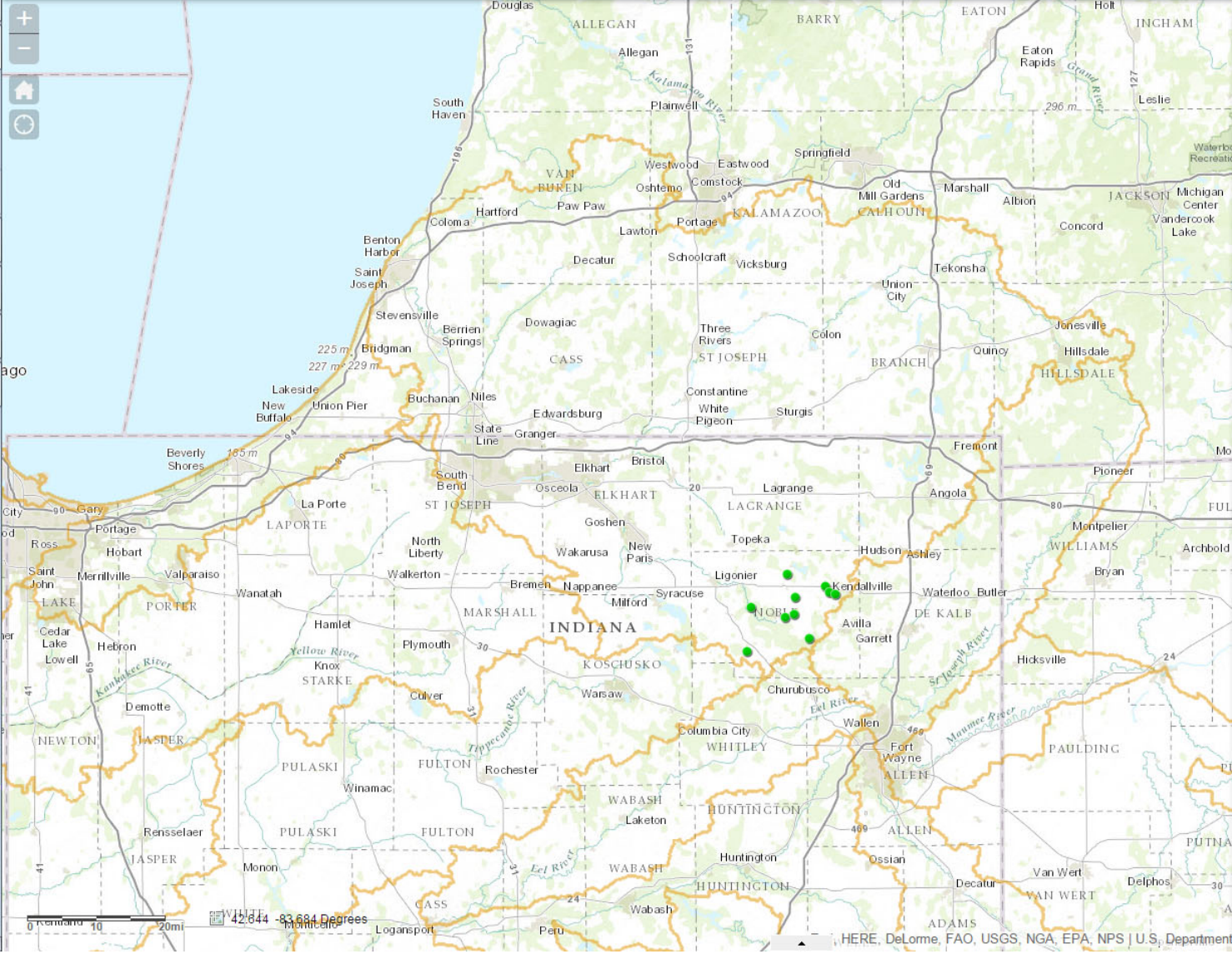
SJRBC Water Sampling Data



41.519 -85.443 Degrees

HERE, DeLorme, FAO, USGS, NGA, EPA, NPS | U.S. Department of Agriculture (USDA), Natural Resources Con...



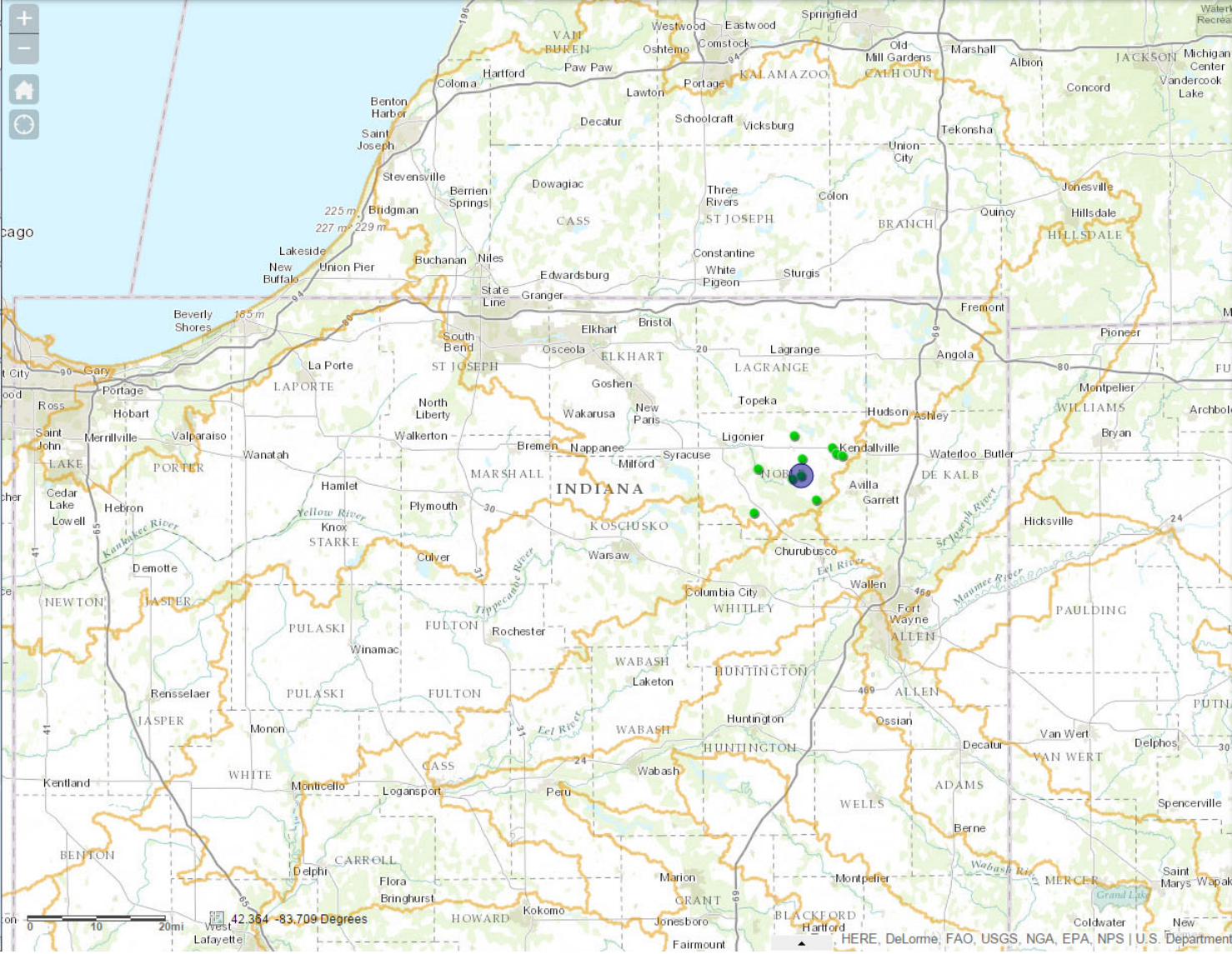


Search [Close Icon]

Click one of the following task items to execute the query.

- Search by Water Body >
- Search by Site ID >
- Search by Watershed >
- Search by HUC 10 >

Clear Results



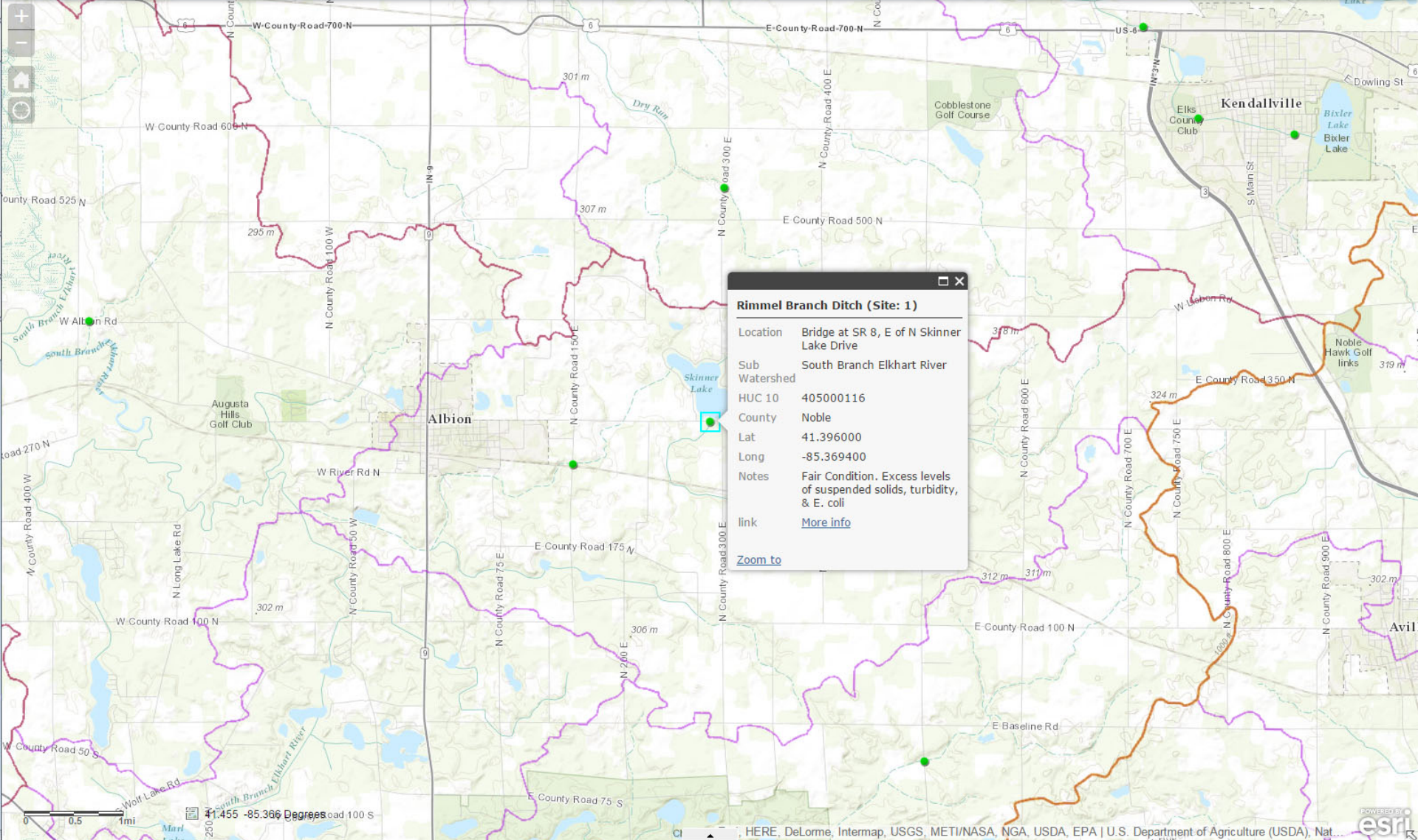
Search [input field]

< OPTIONS Results

Number of features found: 1

Rimmel Branch Ditch (Site:1)
Location: Bridge at SR 8, E of N Skinner Lake Drive
County: Noble
SubWatersh: South Branch Elkhart River
HUC10: 405,000,116
Lat: 41.396
Long: -85.3694
Notes: Fair Condition. Excess levels of suspended
link: <http://www.sjrb.com/resources/waterquality>

Clear Results



Rimmel Branch Ditch Bridge at SR 8, E of N Skinner Lake Drive

Subwatershed:

South Branch Elkart River (405000116)

County:

Noble

Coordinates:

41.3960, -85.3694

Site ID:

1

**Site Description:**

Site 1 is a channelized agriculture drainage ditch that runs through a small marsh complex before draining into Skinner Lake. This site sees consistently high levels of phosphorus, suspended solids, & turbidity due to lack of agricultural conservation practices upstream. Installation of filter strips and conservation farming practices upstream would benefit water quality at this site.

[Download Water Quality Monitoring Data](#)

Summary Table

	Baseflow	Wet Weather Flow
pH	8.03	7.55
Temp (°C)	8.8	13.1
Dissolved oxygen (mg/l)	9.36	8.22
BOD (mg/l)	1.7	1.9
BOD %	19.09	22.57
Chlorides (mg/l)	12.63	19.33
Conductivity (µS/CM)	676	592
Total Dissolved Solids (mg/l)	358	302
E. coli	150	850
Nitrate-Nitrite (mg/l)	2.0	7.0
Total Phosphorus (mg/l)	0.28	0.77
Turbidity (ntu)	26	47
Total Suspended Solids (mg/l)	42	94

Old Business

- Basin Updates
- St. Joseph River Basin Filter Strip Initiative
- Regional Conservation Partnership Program
- **Indiana Watershed Leadership Academy**



Old Business

- Basin Updates
- St. Joseph River Basin Filter Strip Initiative
- Regional Conservation Partnership Program
- Indiana Watershed Leadership Academy
- **LARE Grant Application – Cobus Creek**

Old Business

- Basin Updates
- St. Joseph River Basin Filter Strip Initiative
- Regional Conservation Partnership Program
- Indiana Watershed Leadership Academy
- LARE Grant Application – Cobus Creek
- **Noble County Lake Gauges Support Letter**

New Business

- 2015-2016 Budget & Workplan
- 2015-2016 Contract for Services - Legal Counsel
- 2015-2016 Contract for Services – MACOG



New Business

- 2015-2016 Budget & Workplan
- 2015-2016 Contract for Services - Legal Counsel
- 2015-2016 Contract for Services – MACOG
- **IN-MI St. Joseph River Basin Symposium Recap**

WETLANDS WORKING FOR YOUR COMMUNITY

PLANNING AND ZONING FOR CLEAN WATER

Thursday, June 18

**4:00 pm - 5:30 pm - Optional Walking Tour of the Wetlands
at Harbor Shores, Jack Nicklaus Signature Golf Course**

*Note- For the tour please meet/park at M-TEC [400 Klock Rd. Benton Harbor, MI 49022](http://www.m-tec.com)

5:30 pm - 9:00 pm - Workshop

[The Inn at Harbor Shores, 800 Whitwam Drive, St. Joseph, MI](http://www.innatharborshores.com)

Cost: \$15 includes light dinner and meeting materials (\$20 after June 12).

**Registration is required in advance! Register and view full agenda at
www.swmpc.org or call (269) 925-1137 x 1521.**

Master Citizen Planner credits are available. AICP CM credits are pending.
The county or municipality within the St. Joseph River Watershed (Lake Michigan)
with the most attendees will receive custom wetland maps. The GIS shapefiles for the
wetland function assessment will be available.

*Learn about the status of wetlands (existing and historic), the benefits and functions wetlands
provide in your community, new wetland data that is now available for informing planning and
zoning decisions, zoning techniques for protecting wetlands and water quality. Bring your master
plan and zoning ordinance to review if wetlands and water quality are addressed!*

**Come to this workshop to learn how to keep your community's rivers, streams, lakes, wetlands and drinking
water clean and healthy!**



This workshop is hosted by Friends of the St. Joe River Association and the Southwest Michigan Planning Commission in partnership with:

- Michigan State University Extension, Citizen Planner
- St. Joseph River Basin Commission
- Southwest Michigan Land Conservancy
- Southcentral Michigan Planning Council
- Two Rivers Coalition
- Berrien County Community Development/Harbor Authority
- The Inn at Harbor Shores



New Business

- 2015-2016 Budget & Workplan
- 2015-2016 Contract for Services - Legal Counsel
- 2015-2016 Contract for Services – MACOG
- IN-MI St. Joseph River Basin Symposium Recap
- “Wetlands Working for Your Community”
- **2015-2016 Water Monitoring Sites**



Elkhart River

LaGrange
Little Elkhart River

Elkhart

Dry Run

Whetten Ditch

Solomon Creek-Elkhart River

Elkhart Creek

North Branch Elkhart River

North Branch Elkhart River

Solomon Creek

North Branch Elkhart River

Huston Ditch

Kieffer Ditch

South Branch Elkhart River

Turkey Creek

Sparta Lake Ditch

South Branch Elkhart River

Davisson Ditch Coppes Ditch

Turkey Creek

Turkey Creek

Solomon Creek

Noble

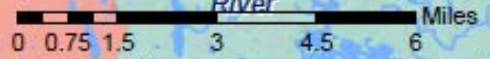
UNT029

Solomon Creek

South Branch Elkhart River

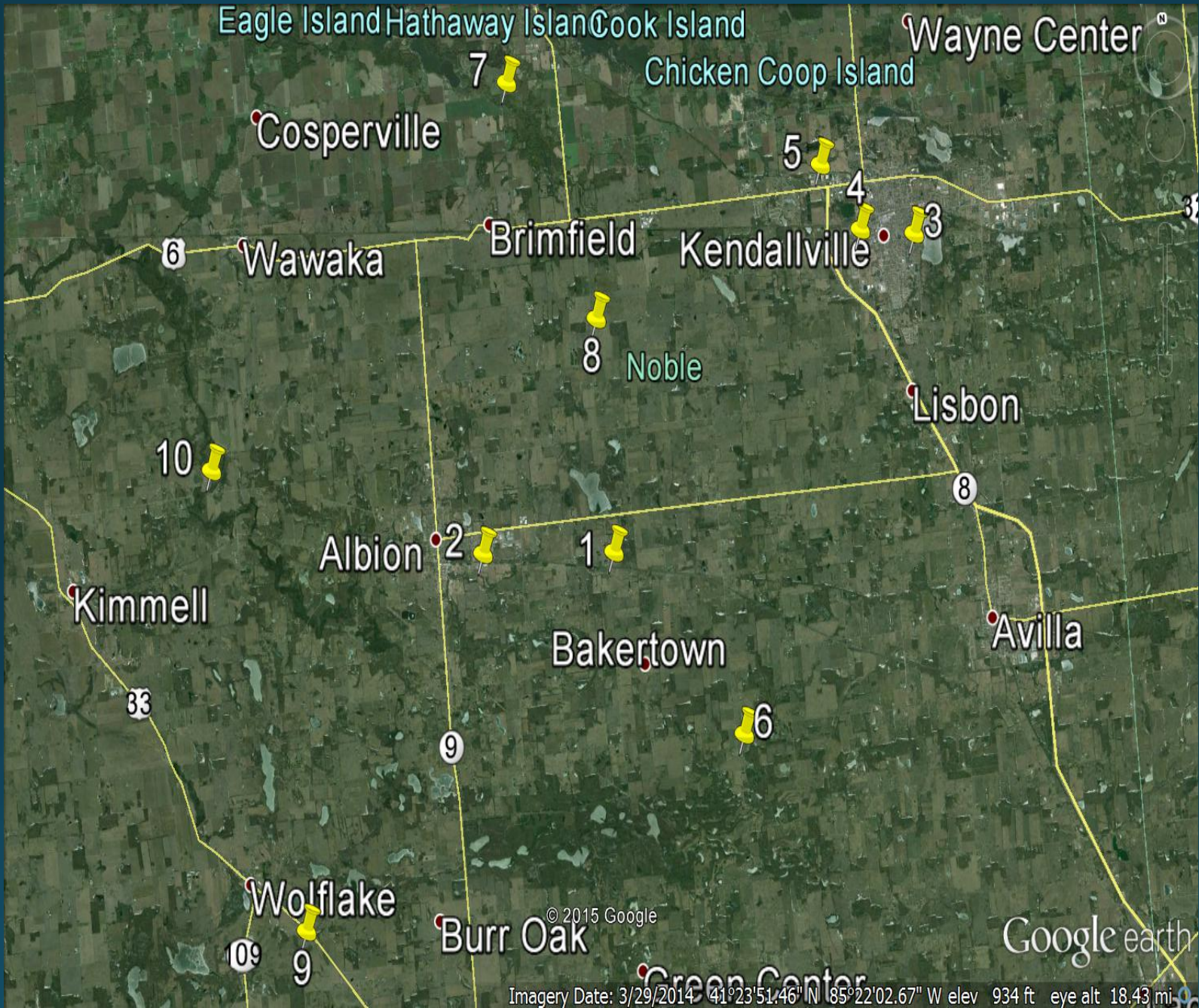
Coppes Ditch

Kosciusko



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Eagle Island Hathaway Island Cook Island
Chicken Coop Island Wayne Center

Cosperville

Wawaka

Brimfield

Kendallville

Noble

Lisbon

Albion

Bakertown

Avilla

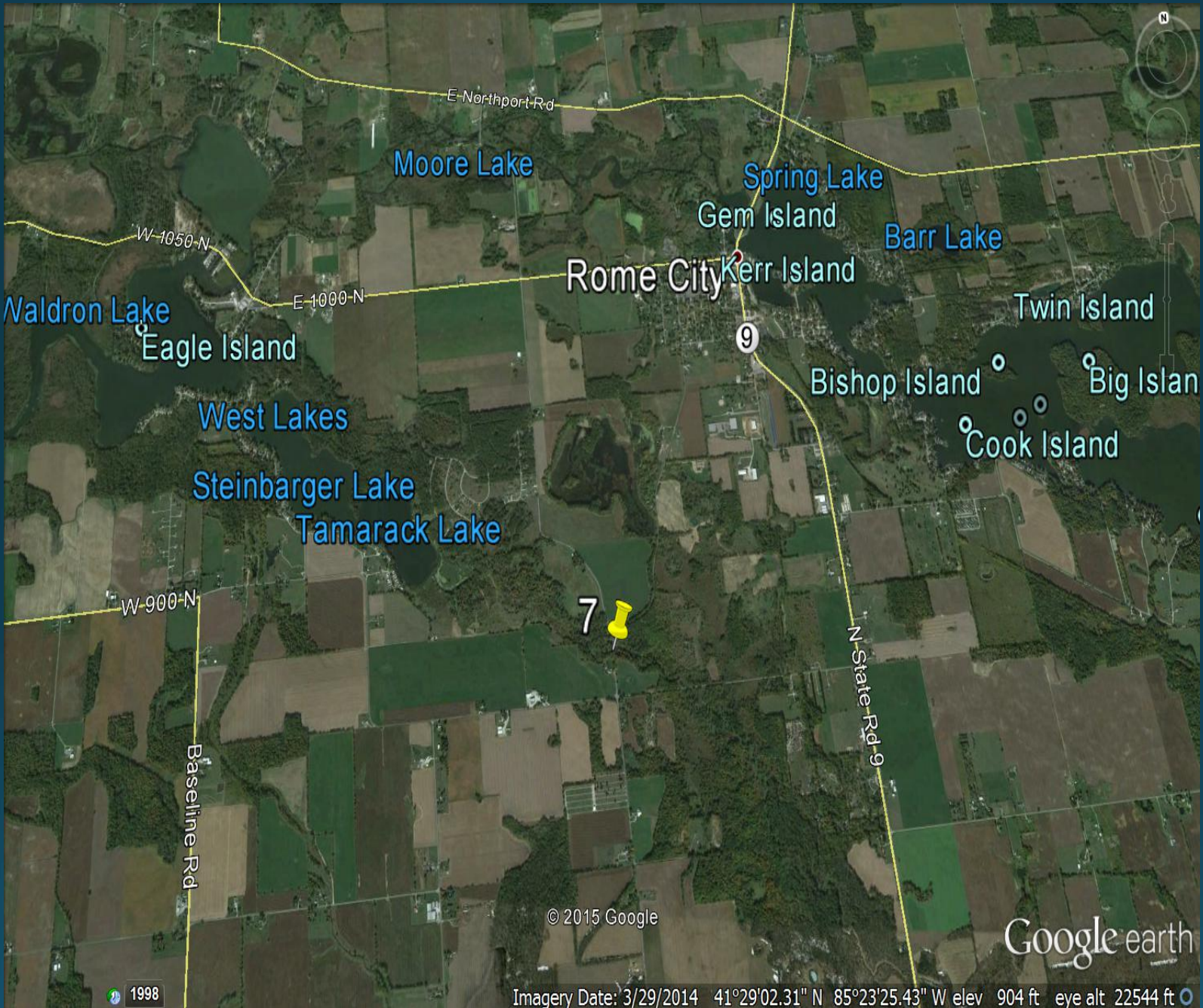
Kimmell

Wolflake

Burr Oak

Google earth

Imagery Date: 3/29/2014 41°23'51.46" N 85°22'02.67" W elev 934 ft eye alt 18.43 mi

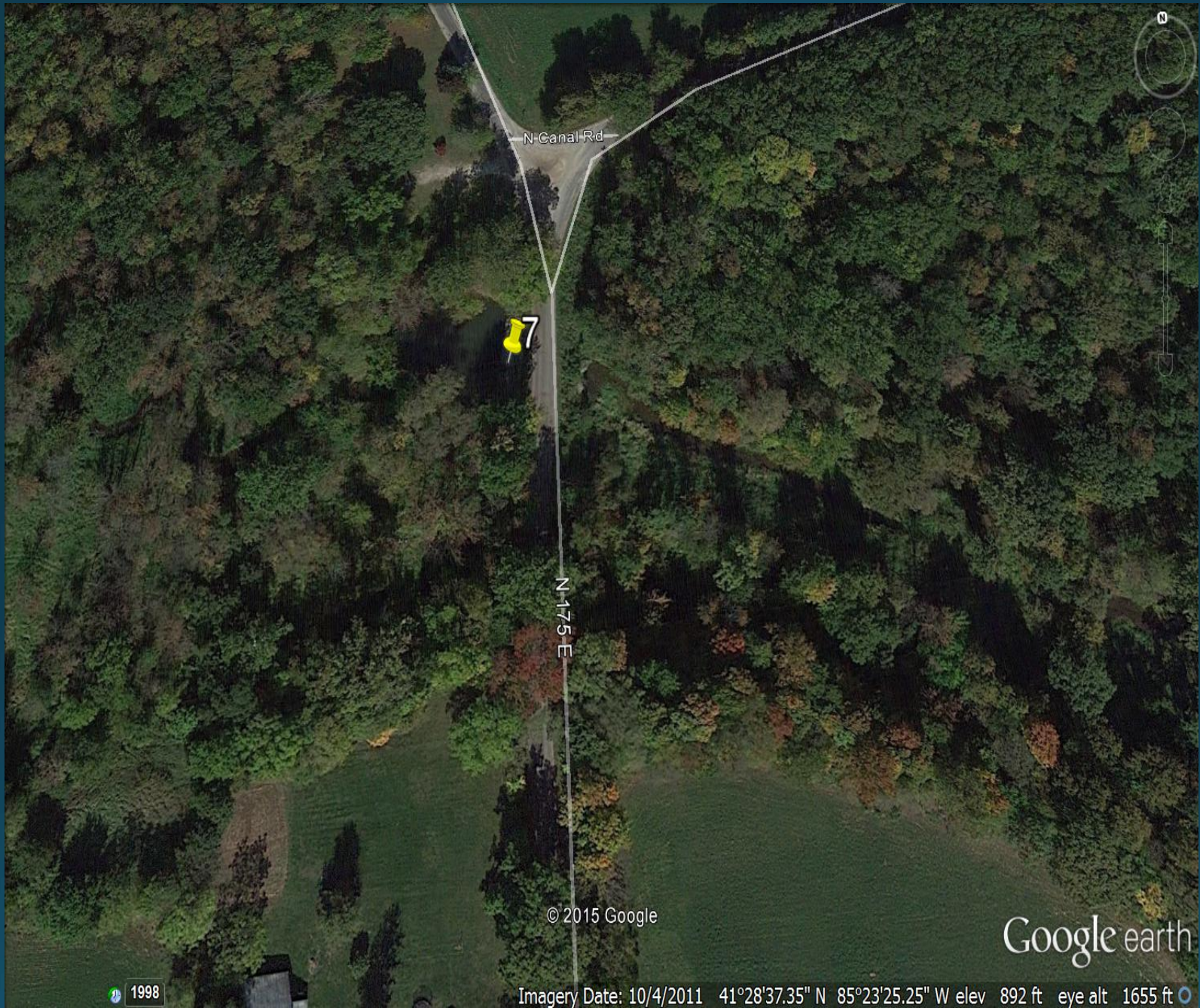


7

© 2015 Google

Google earth

Imagery Date: 3/29/2014 41°29'02.31" N 85°23'25.43" W elev 904 ft eye alt 22544 ft



N Canal Rd

7

N 175 E

© 2015 Google

Google earth

1998

Imagery Date: 10/4/2011 41°28'37.35" N 85°23'25.25" W elev 892 ft eye alt 1655 ft



E 600-N

N 400-E

E 500-N

300-E

8

Noble

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1998

Imagery Date: 3/29/2014 41°25'40.14" N 85°21'56.55" W elev 956 ft eye alt 9565 ft



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Google earth

Imagery Date: 3/29/2014 41°25'46.94" N 85°21'58.98" W elev 955 ft eye alt 2613 ft

1998



1

N 300-E

E 200-N

© 2015 Google

Google earth

1998

Imagery Date: 3/29/2014 41°23'00.58" N 85°21'57.71" W elev 960 ft eye alt 7723 ft



1

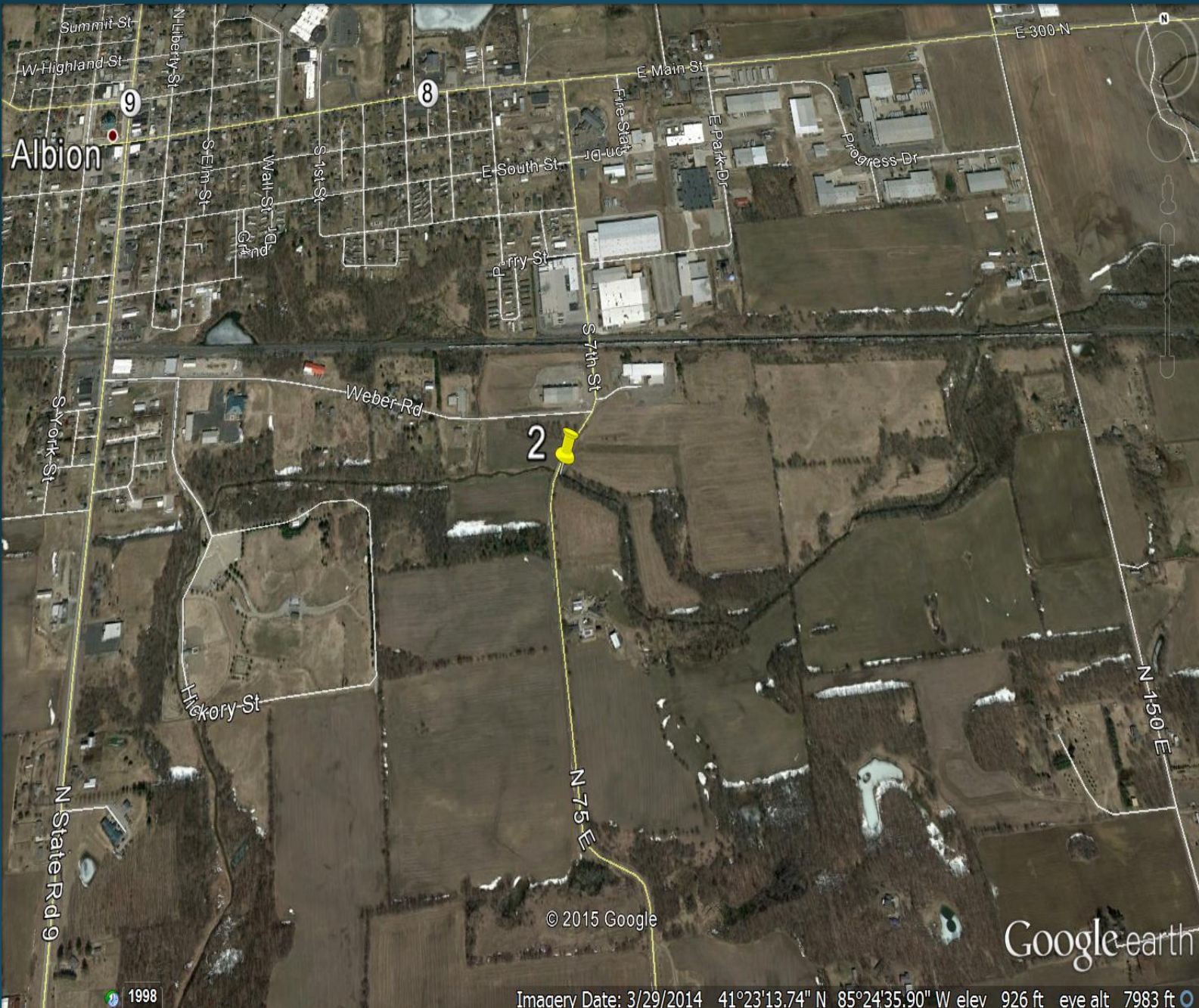
N 300

© 2015 Google

Google earth

1998

Imagery Date: 3/29/2014 41°23'04.54" N 85°22'00.88" W elev 950 ft eye alt 2341 ft



Albion

1998

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Imagery Date: 3/29/2014 41°23'13.74" N 85°24'35.90" W elev 926 ft eye alt 7983 ft



Weber Rd

2

N 75 E

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Google earth

1998

Imagery Date: 3/29/2014 41°23'16.43" N 85°24'39.13" W elev 908 ft eye alt 1820 ft



10

Co Rd 500 W

N 290 W

N 350 W

N 450 W

W 330 N

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Imagery Date: 3/29/2014 41°24'38.38" N 85°30'01.56" W elev 883 ft eye alt 12607 ft

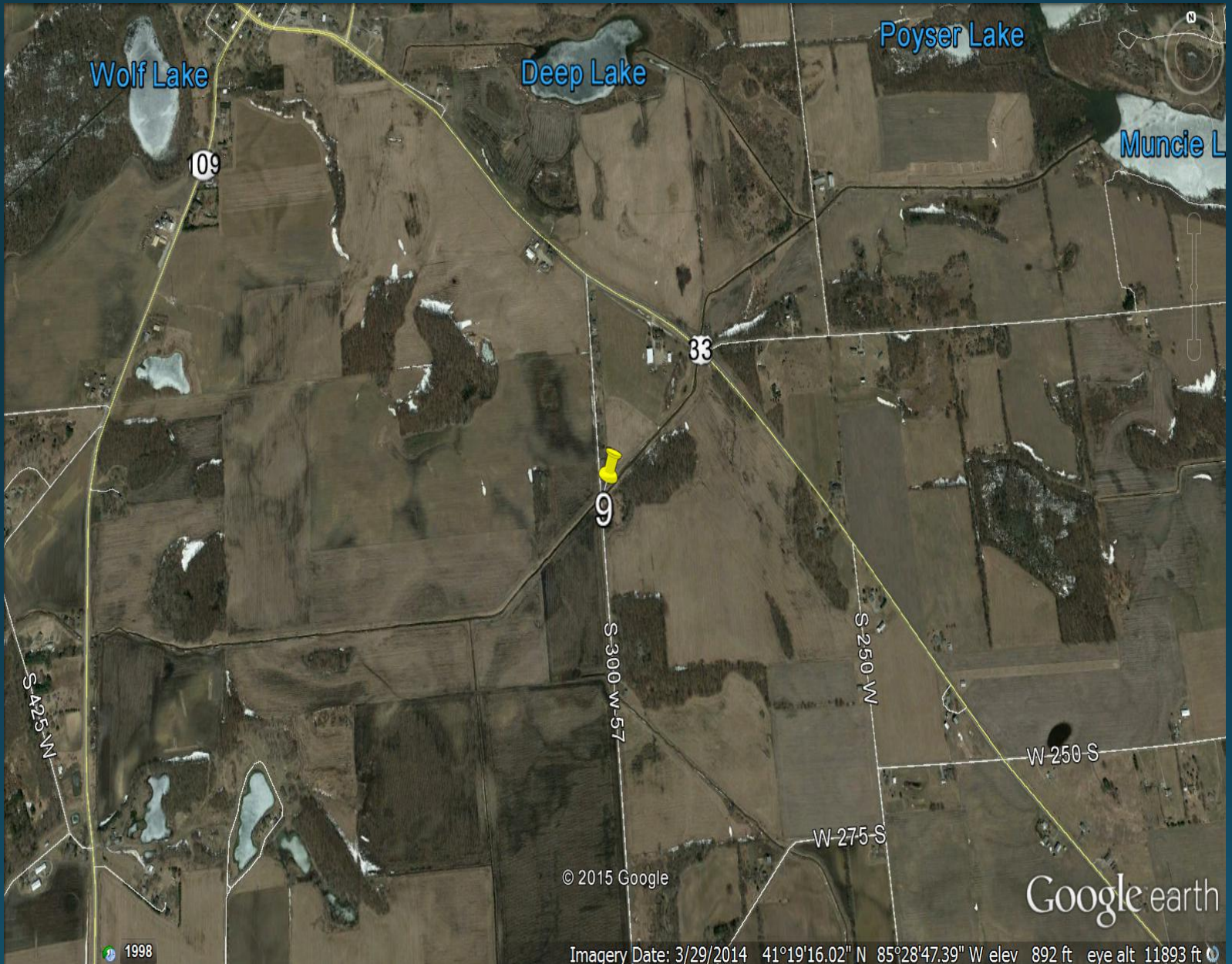


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Google earth

Imagery Date: 3/29/2014 41°24'38.49" N 85°30'01.54" W elev 880 ft eye alt 2221 ft

1998



Wolf Lake

Deep Lake

Poyser Lake

Muncie L

109

33

S 300 W-57

S 425 W

S 250 W

W 250 S

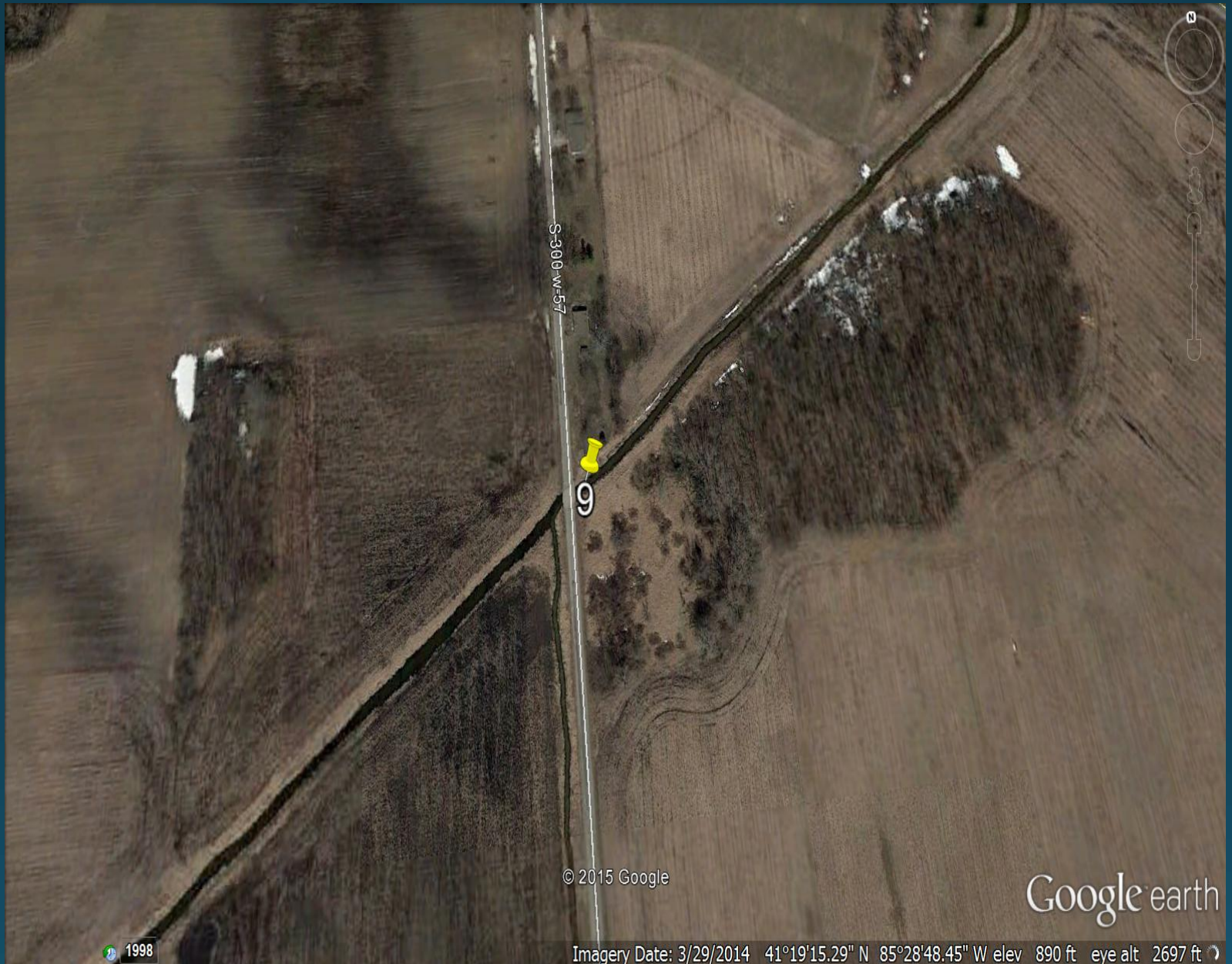
W 275 S

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Imagery Date: 3/29/2014 41°19'16.02" N 85°28'47.39" W elev 892 ft eye alt 11893 ft



S-300-W-57

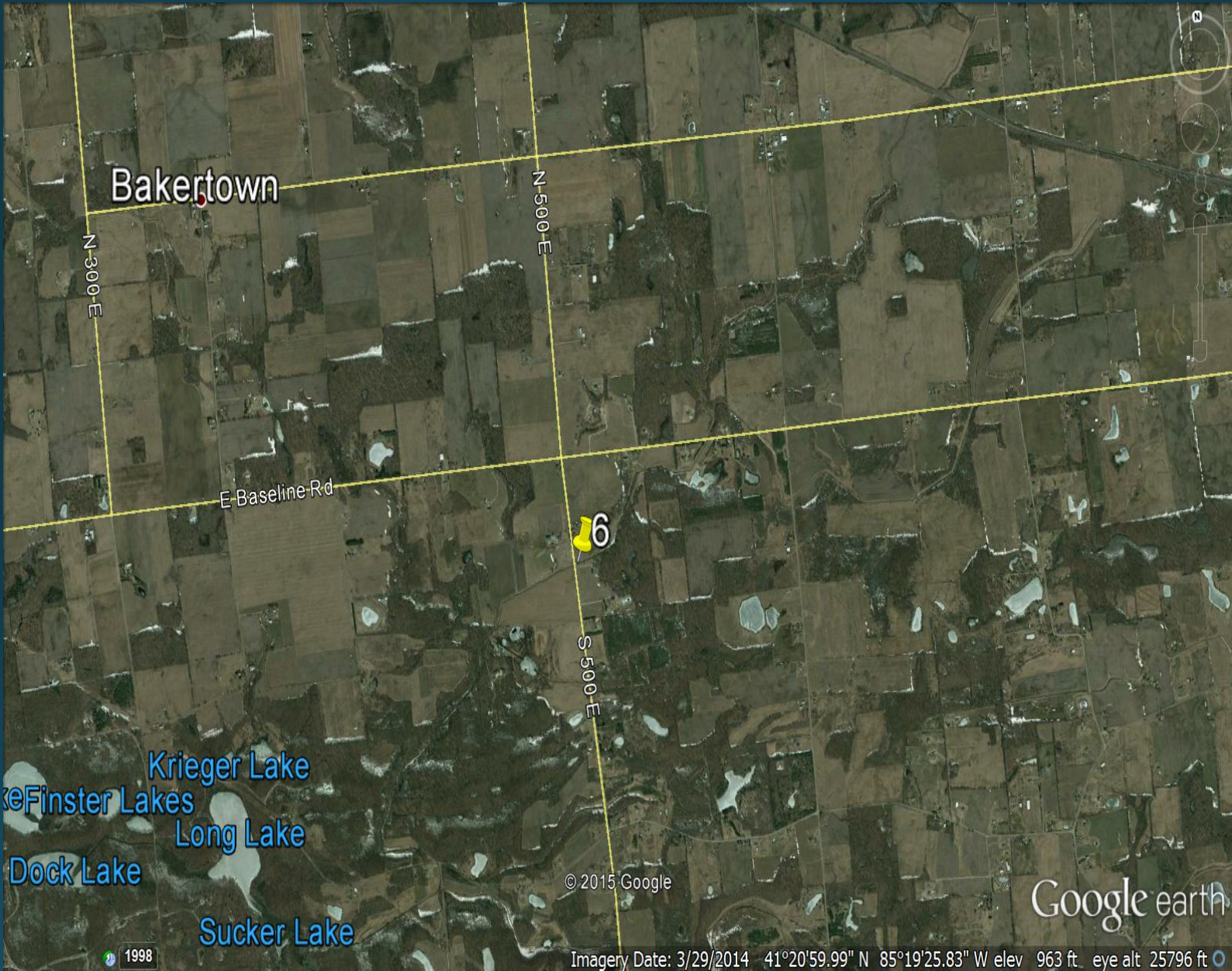
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Imagery Date: 3/29/2014 41°19'15.29" N 85°28'48.45" W elev 890 ft eye alt 2697 ft



Bakertown

N-300-E

N-500-E

E-Baseline Rd

6

S-500-E

Krieger Lake

Finster Lakes

Long Lake

Dock Lake

Sucker Lake

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1998

Imagery Date: 3/29/2014 41°20'59.99" N 85°19'25.83" W elev 963 ft. eye alt 25796 ft

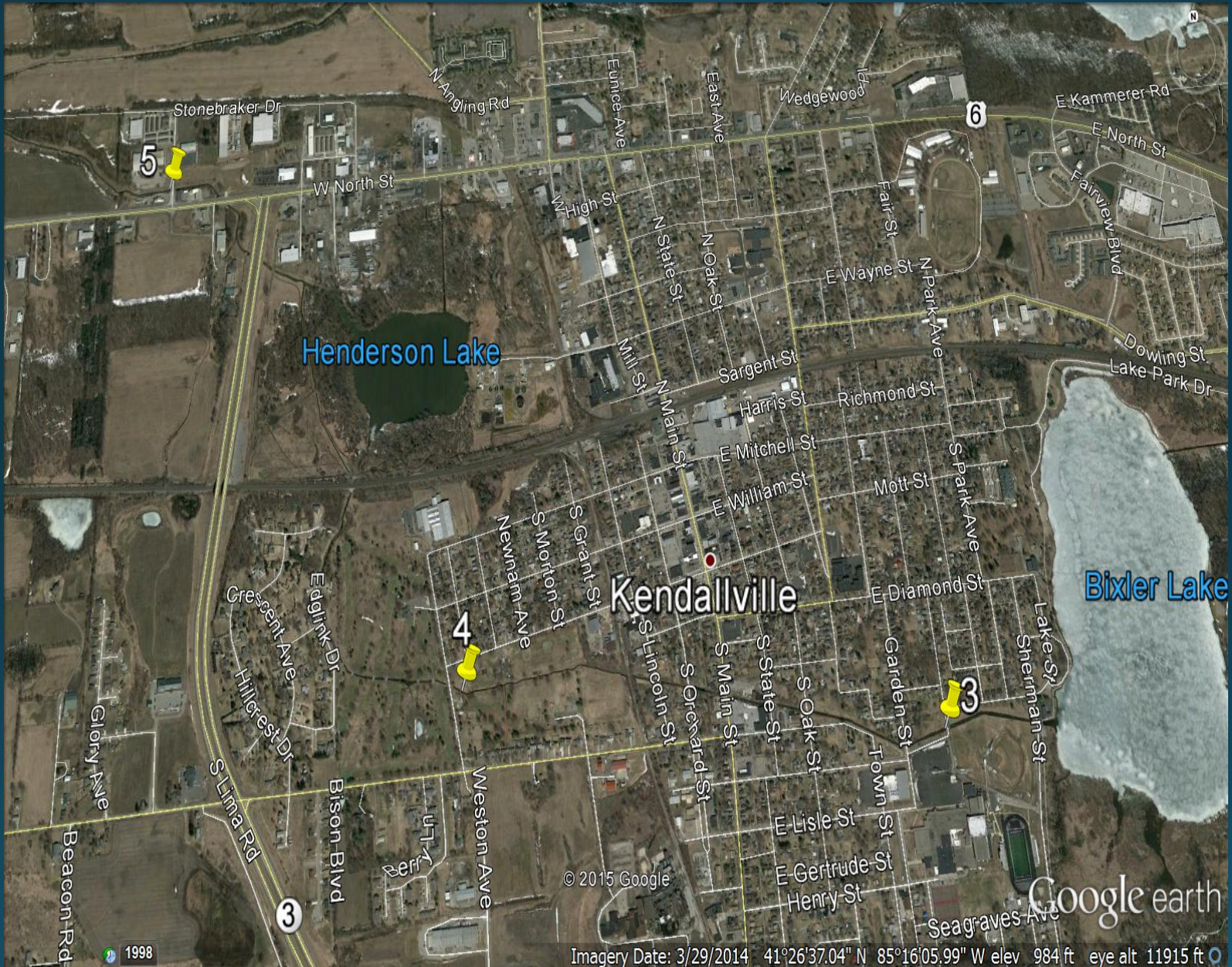


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Imagery Date: 3/29/2014 41°20'48.41" N 85°19'39.47" W elev 925 ft eye alt 3660 ft



Henderson Lake

Bixler Lake

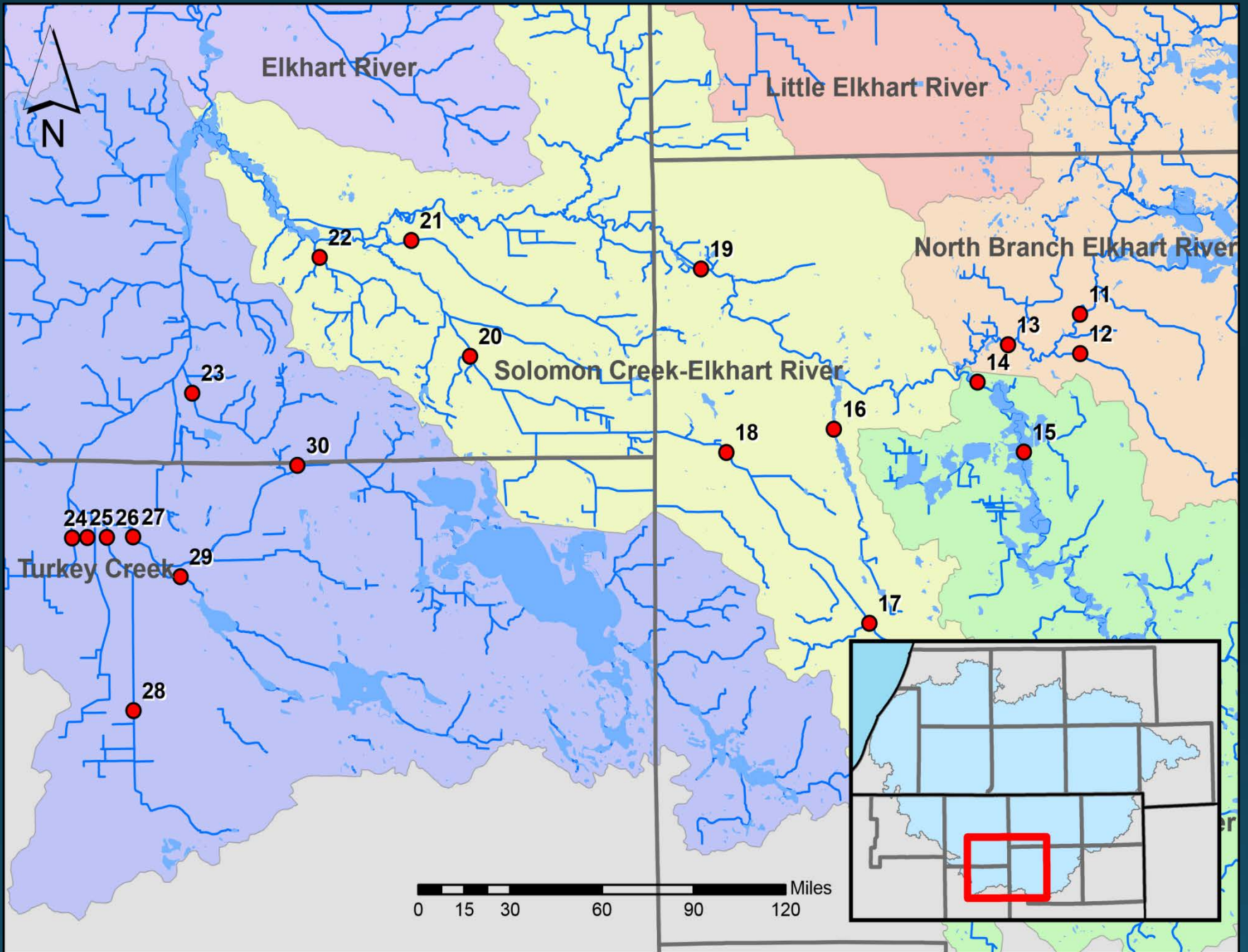
Kendallville

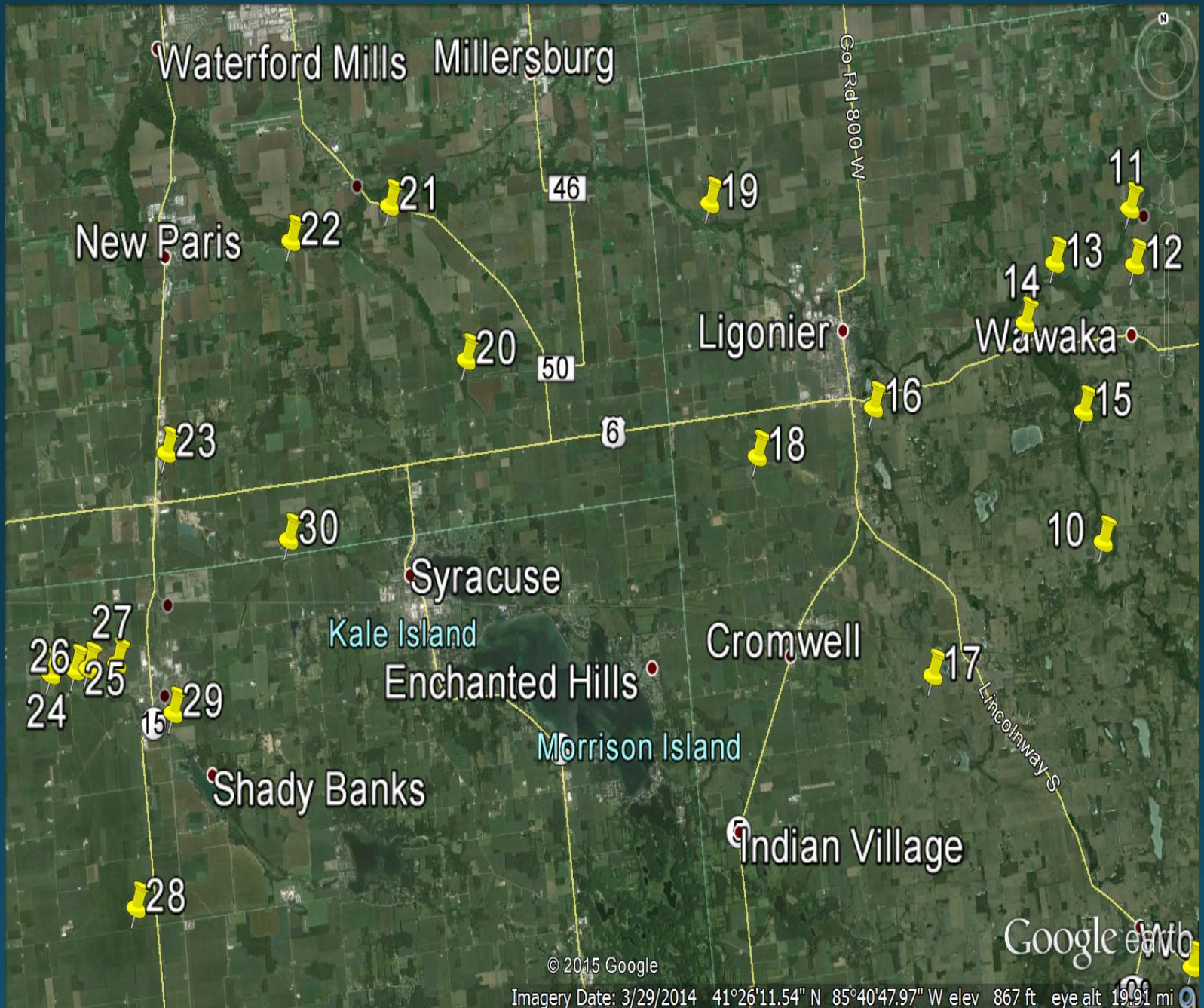
Google earth

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Imagery Date: 3/29/2014 41°26'37.04" N 85°16'05.99" W elev 984 ft eye alt 11915 ft

1998





2nd Quarter
June 2, 2015



SJRBC
St. Joseph River Basin Commission

Next Meeting
September 1st, 2015

