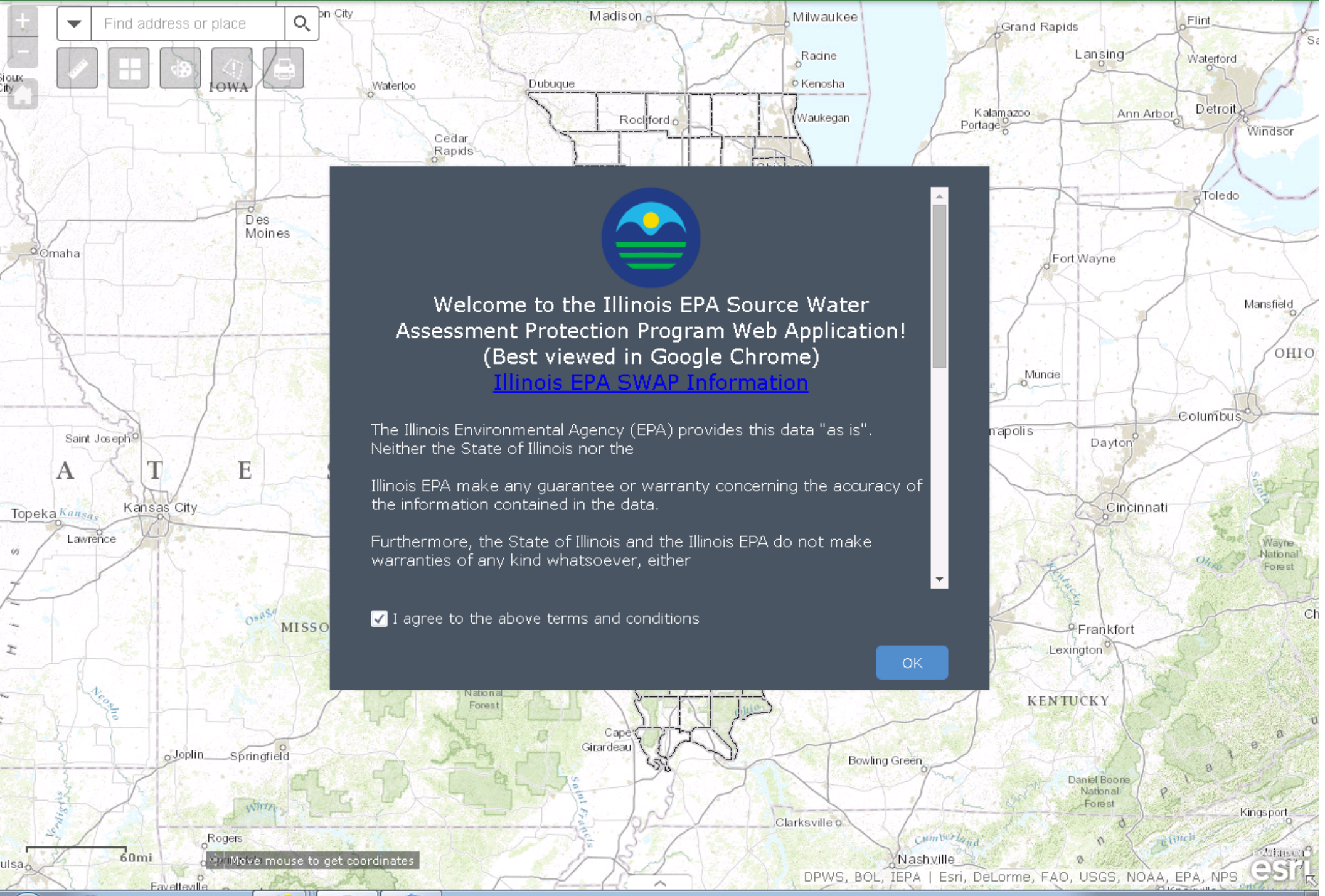


Illinois EPA SWAP Help Document

Web Application created with ESRI Web AppBuilder 1.2

3/17/2016



Welcome to the Illinois EPA Source Water Assessment Protection Program Web Application!
(Best viewed in Google Chrome)

[Illinois EPA SWAP Information](#)

The Illinois Environmental Agency (IEPA) provides this data "as is".
Neither the State of Illinois nor the

Illinois EPA make any guarantee or warranty concerning the accuracy of
the information contained in the data.

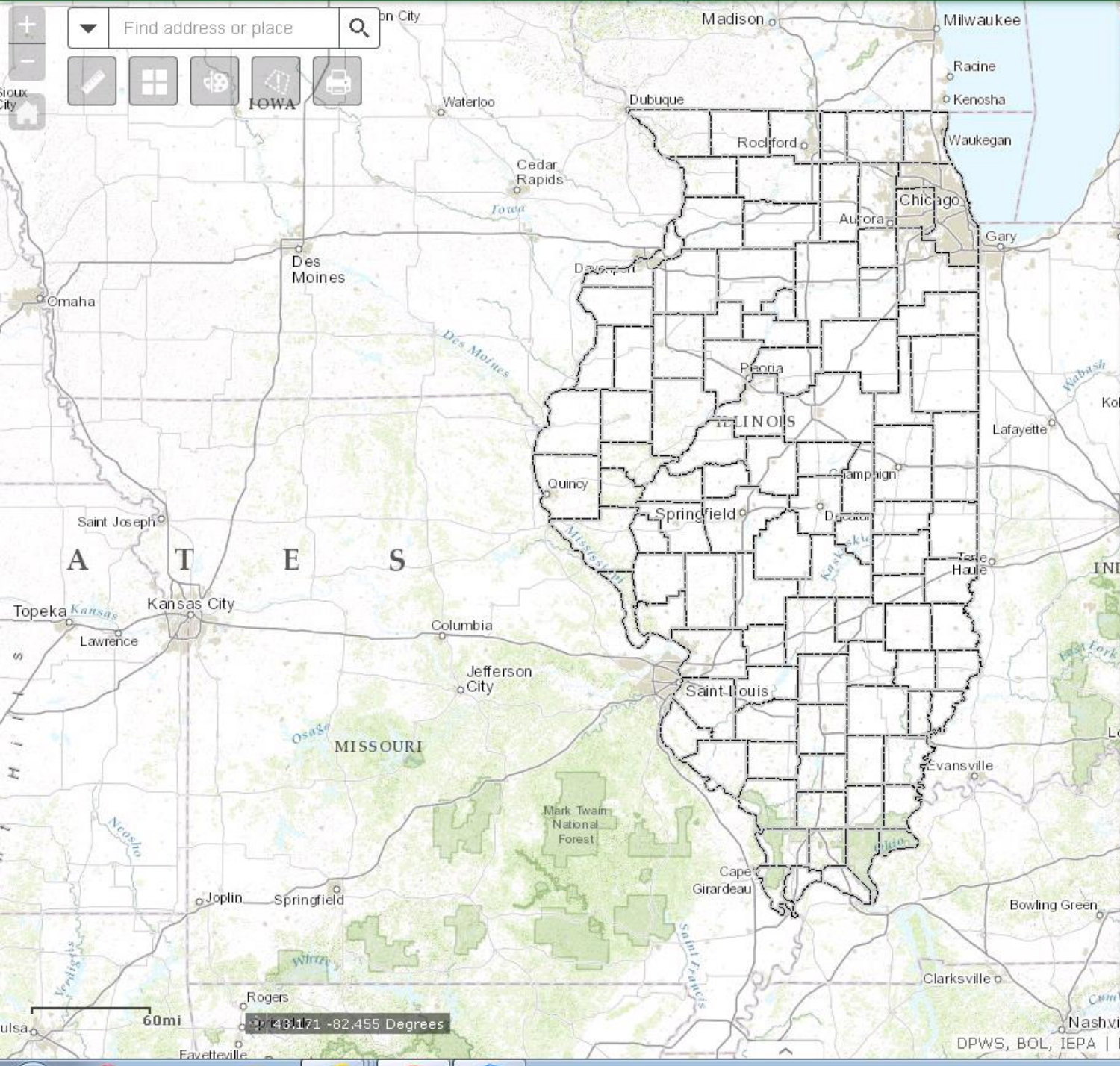
Furthermore, the State of Illinois and the Illinois EPA do not make
warranties of any kind whatsoever, either

☒ I agree to the above terms and conditions

OK

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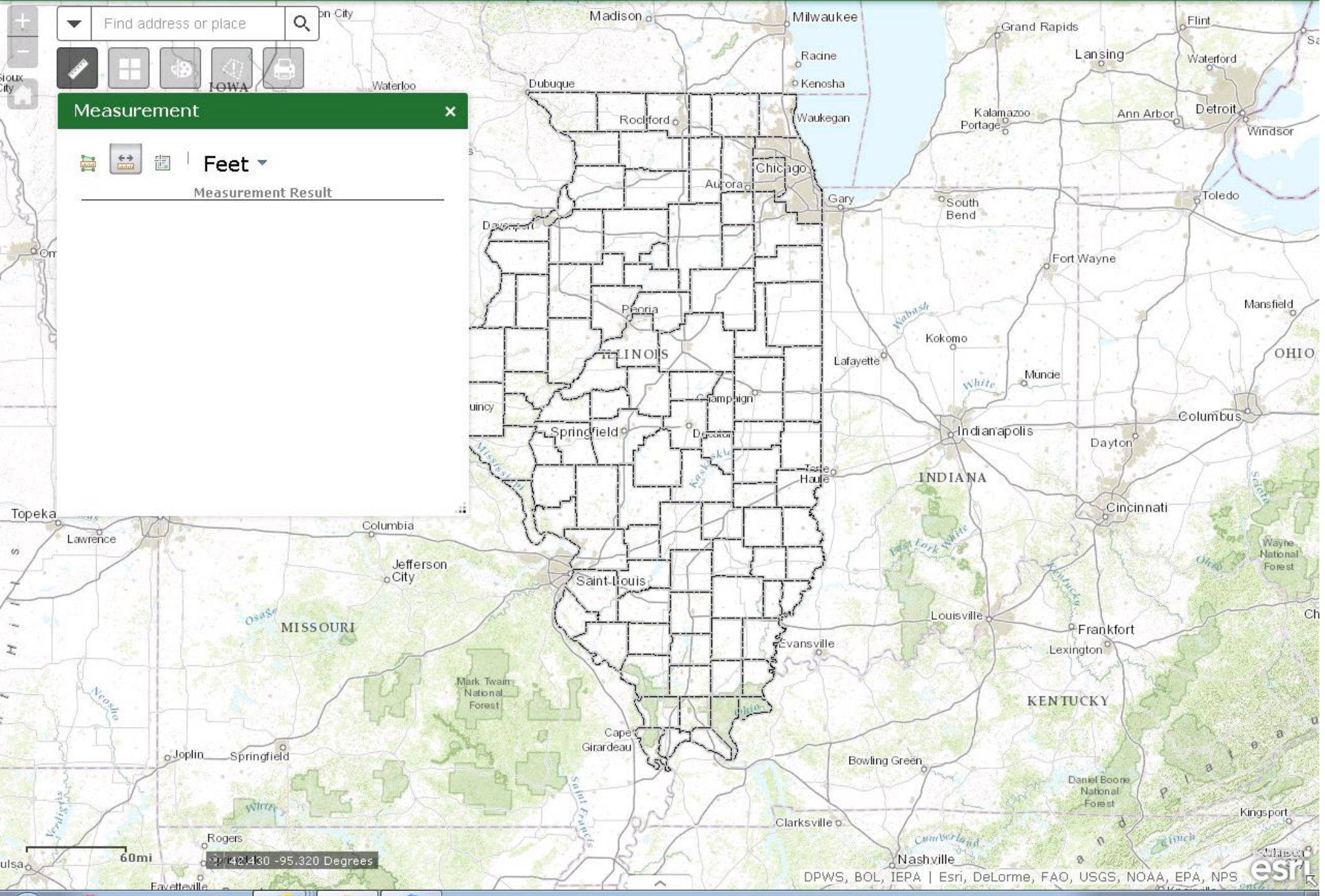
Layer List

Layer List

Operational Layers

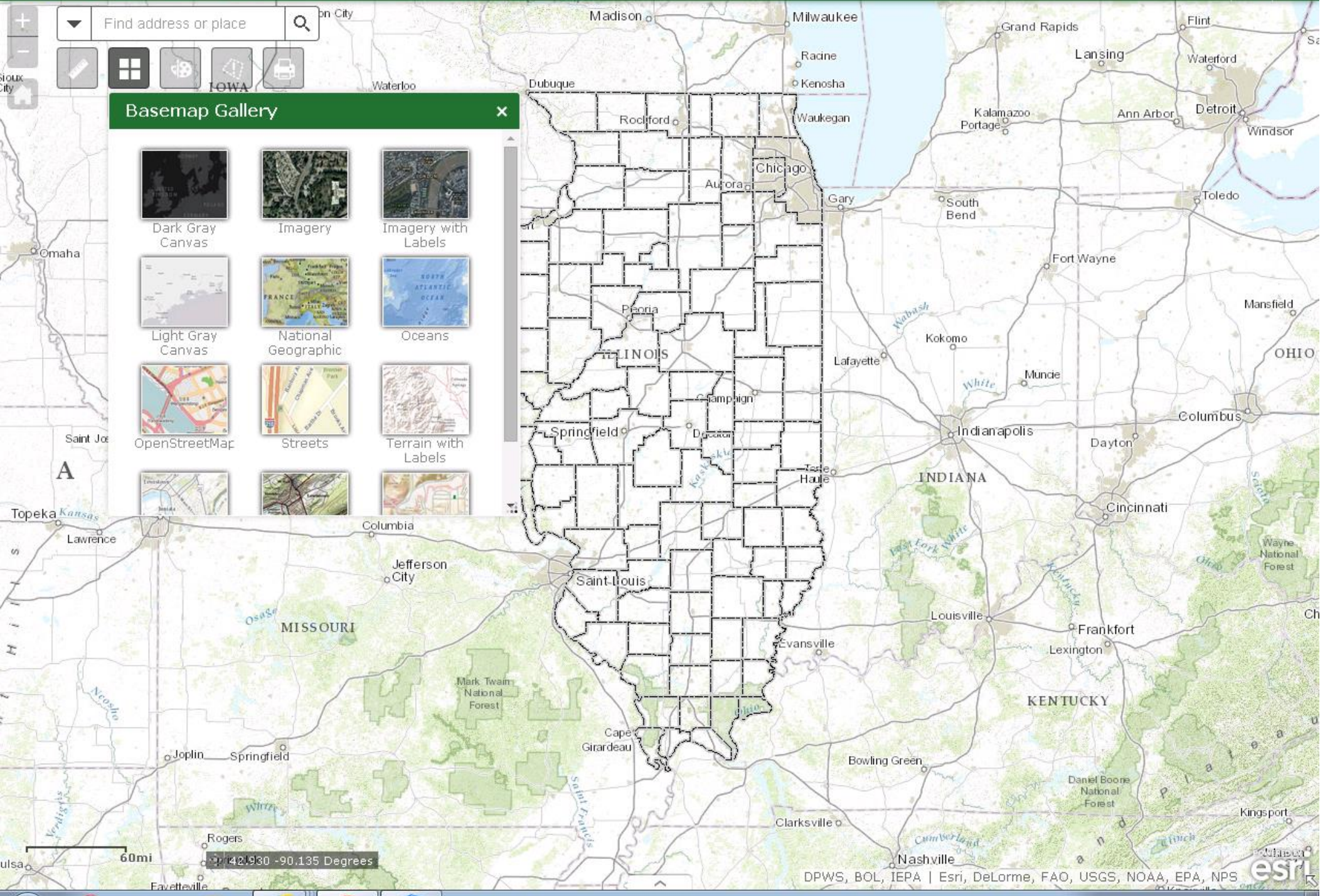
- ☐ CWS Wells with Well ID Labels
- ☒ Source Water Assessment Protection Data
 - ☒ Water Use/Source Water Protection Areas
 - ☒ Environmental Concerns
 - ☒ Admin/PLSS
 - ☒ Water Quality
 - ☒ Water Resources
 - ☒ Surficial/Bedrock Geology
 - ☒ Counties
 - ☐ NAPP Imagery 2005

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×

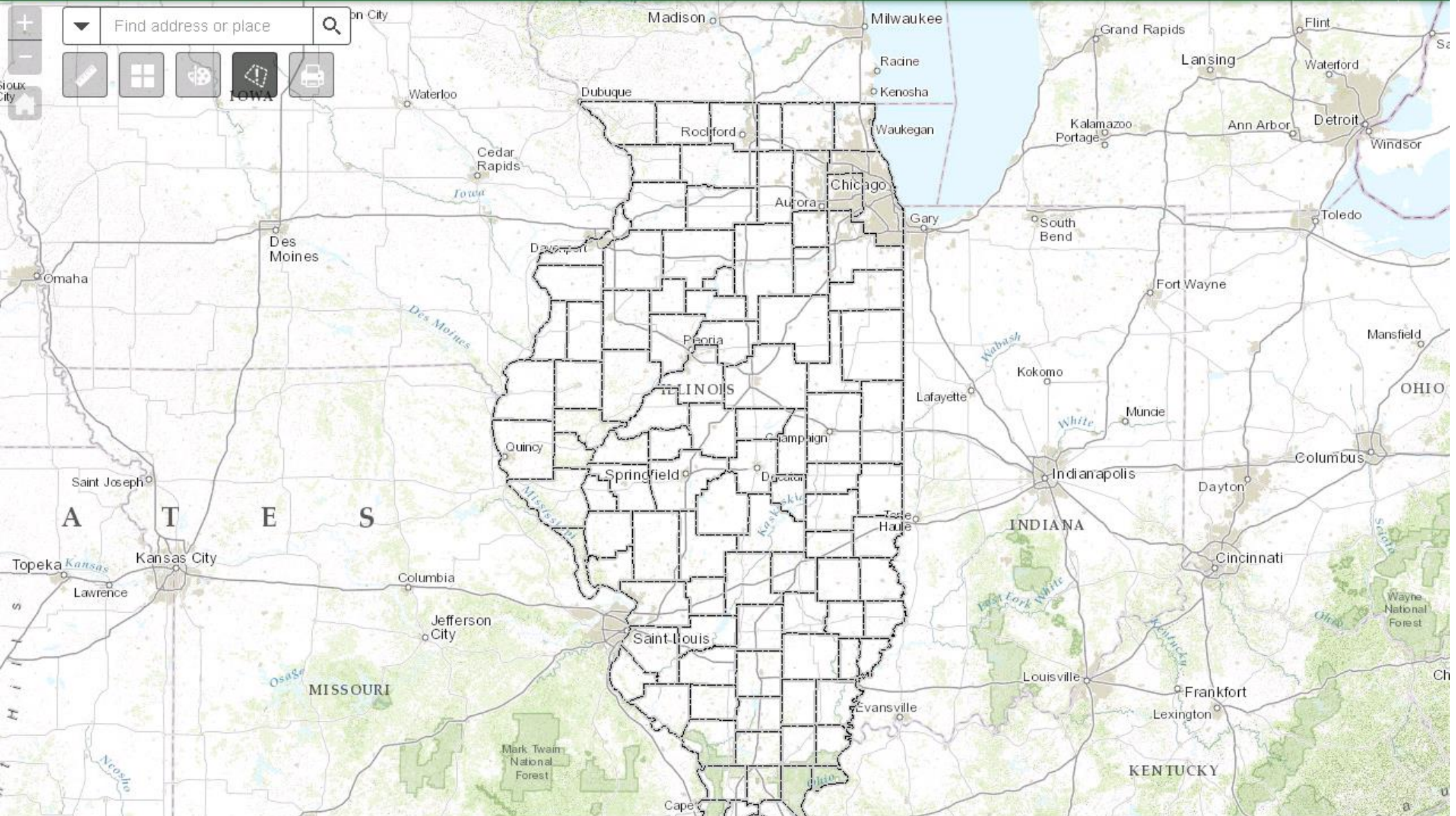
A 2x6 grid of 12 icons. The first row contains: a location pin, a diagonal line, a zigzag line, a wavy line, a triangle, and a rectangle. The second row contains: a circle, an oval, a trapezoid, a star, a letter 'A', and a square.

74

Click to add a point

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Locate Incident

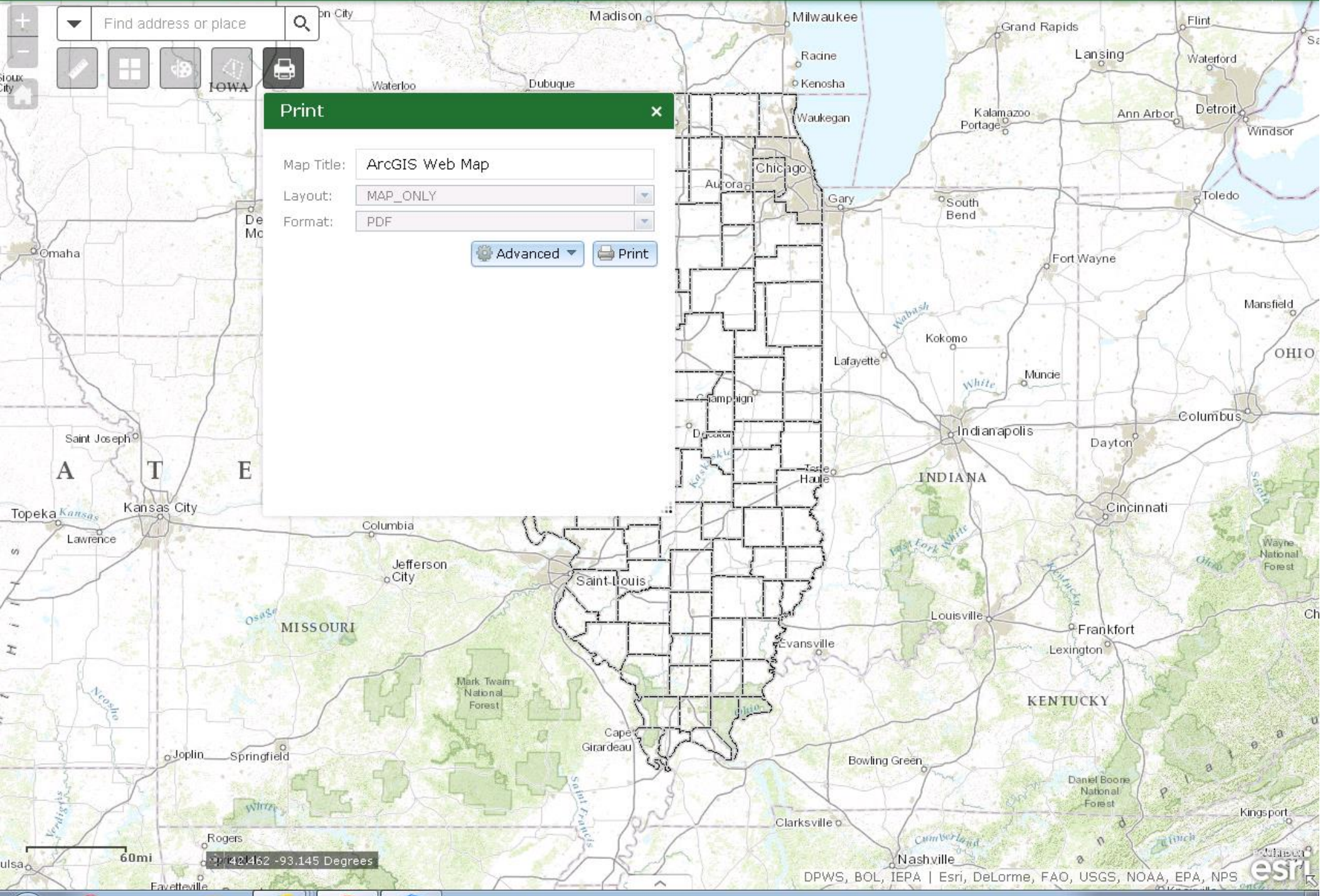
Buffer Distance (Feet)

1000 1000 5000

Incident ☒ Weather ☐

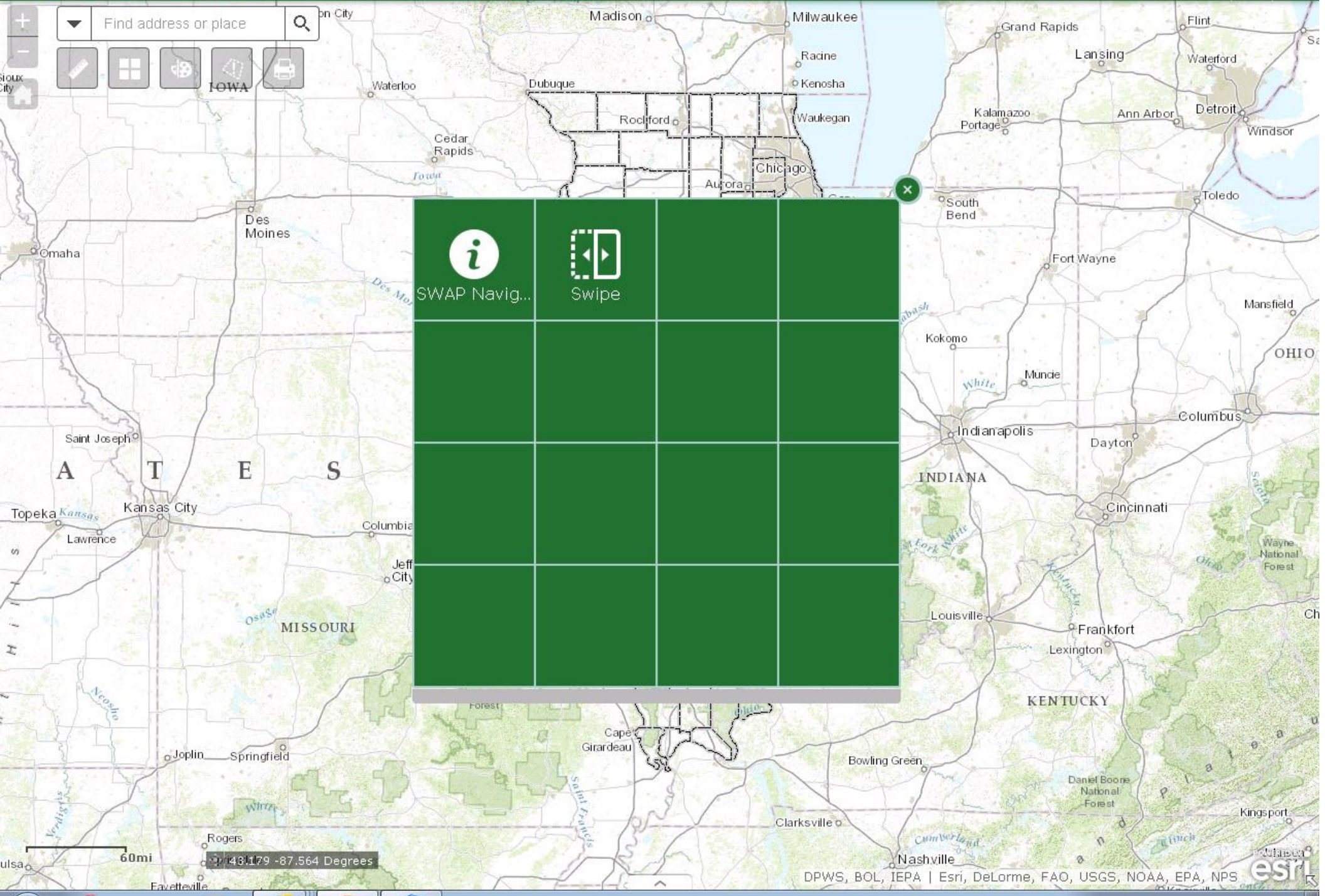
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SWAP Factsheets



Find address or place



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MISSOURI

Rogers
Springdale
42.219 -87.015 Degrees

Esri, DeLorme, FAO,

SWAP Navigation

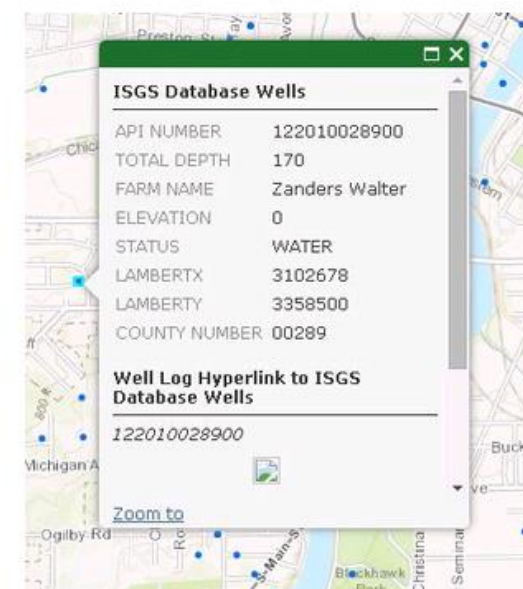


[SWAP Visual Help Document](#)

There are Pop-Up Hyperlinks for CWS Wells, Leaking USTs, ISGS Database Wells, and Groundwater Ordinances.

Click on the  button to access database information.

See the Pop-up below.



ISGS Database Wells

API NUMBER	122010028900
TOTAL DEPTH	170
FARM NAME	Zanders Walter
ELEVATION	0
STATUS	WATER
LAMBERTX	3102678
LAMBERTY	3358500
COUNTY NUMBER	00289

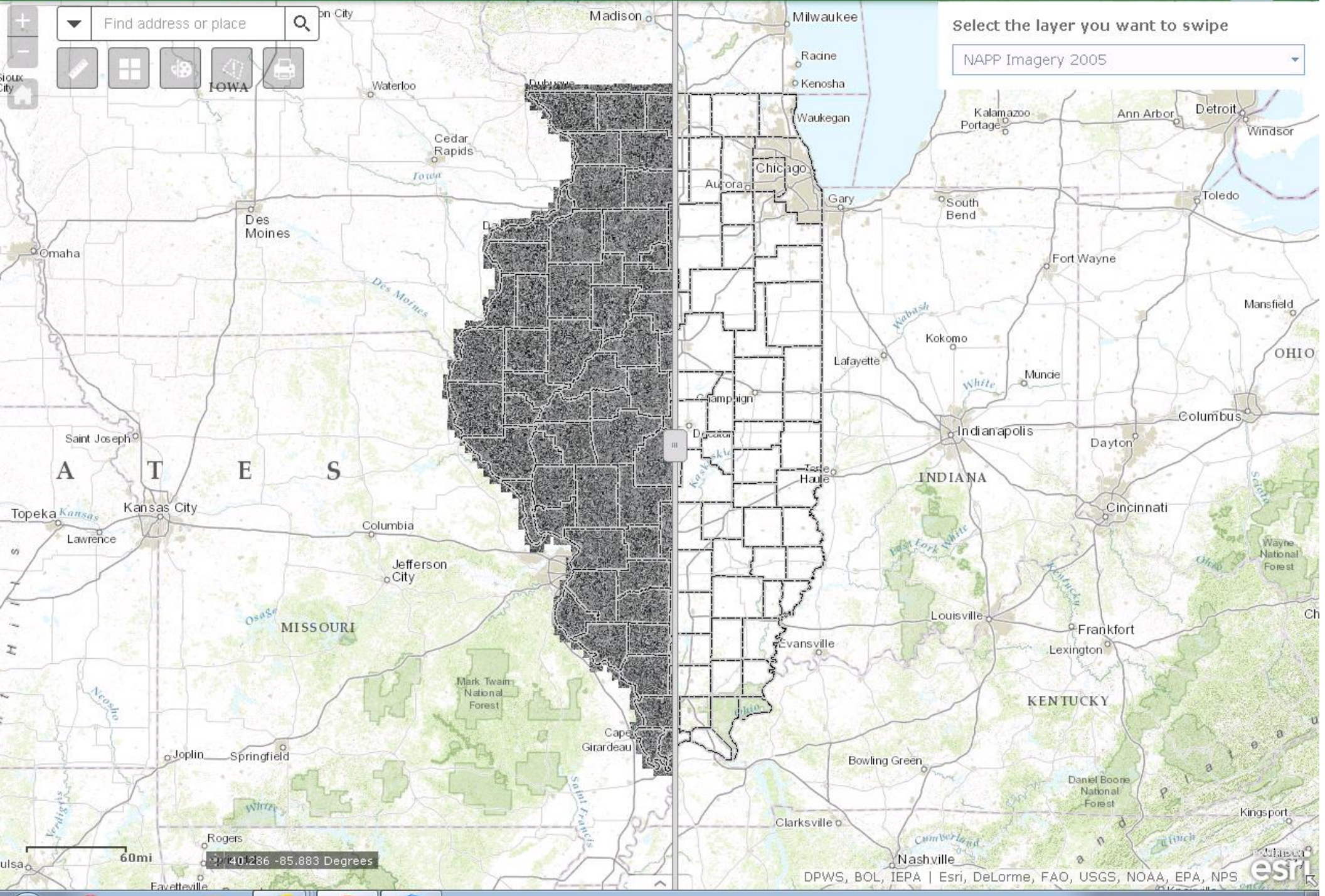
Well Log Hyperlink to ISGS Database Wells

122010028900

Zoom to

Source Water Assessment Protection Program

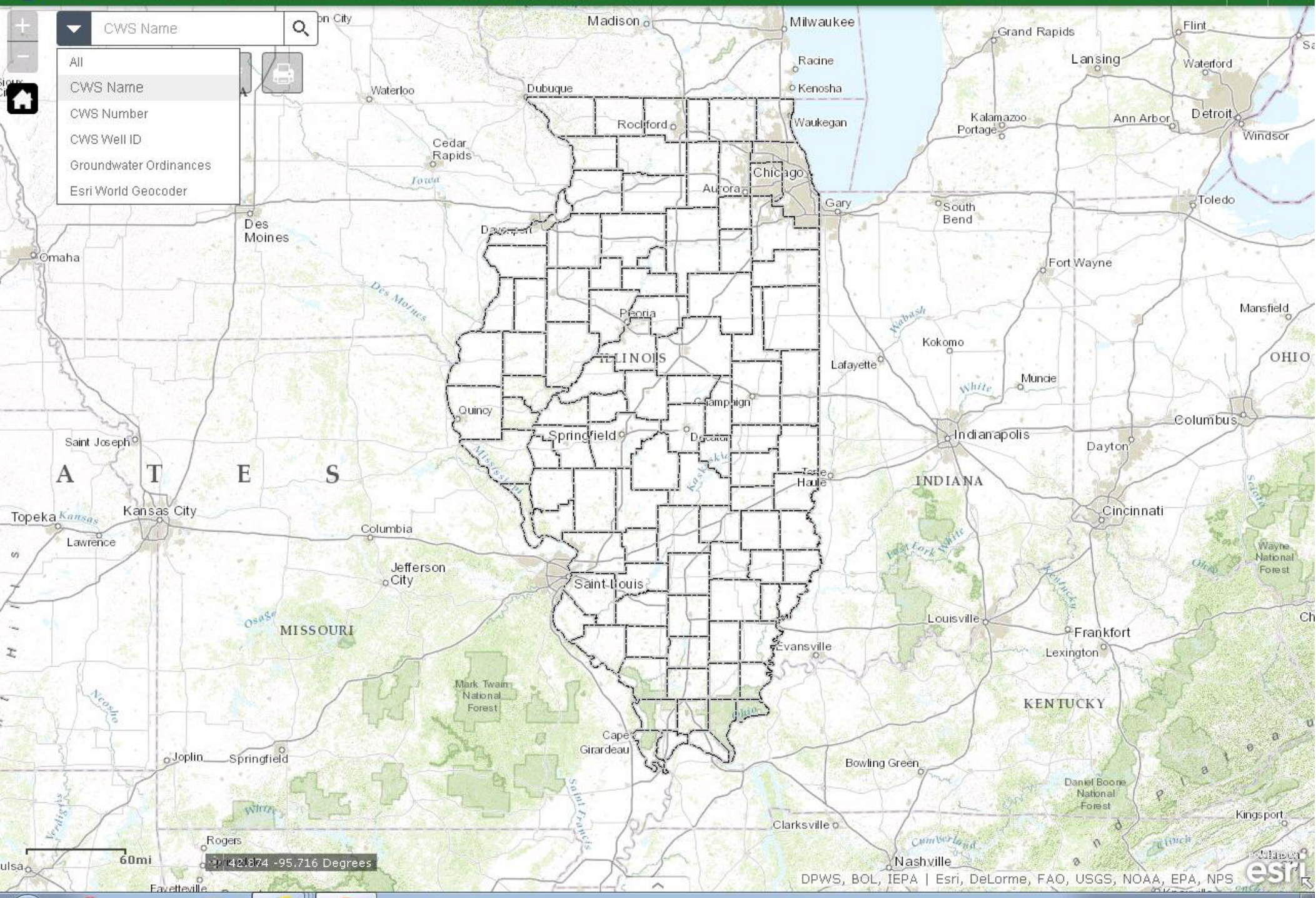
SWAP Factsheets Proteus GW Ord L.U.S.T.

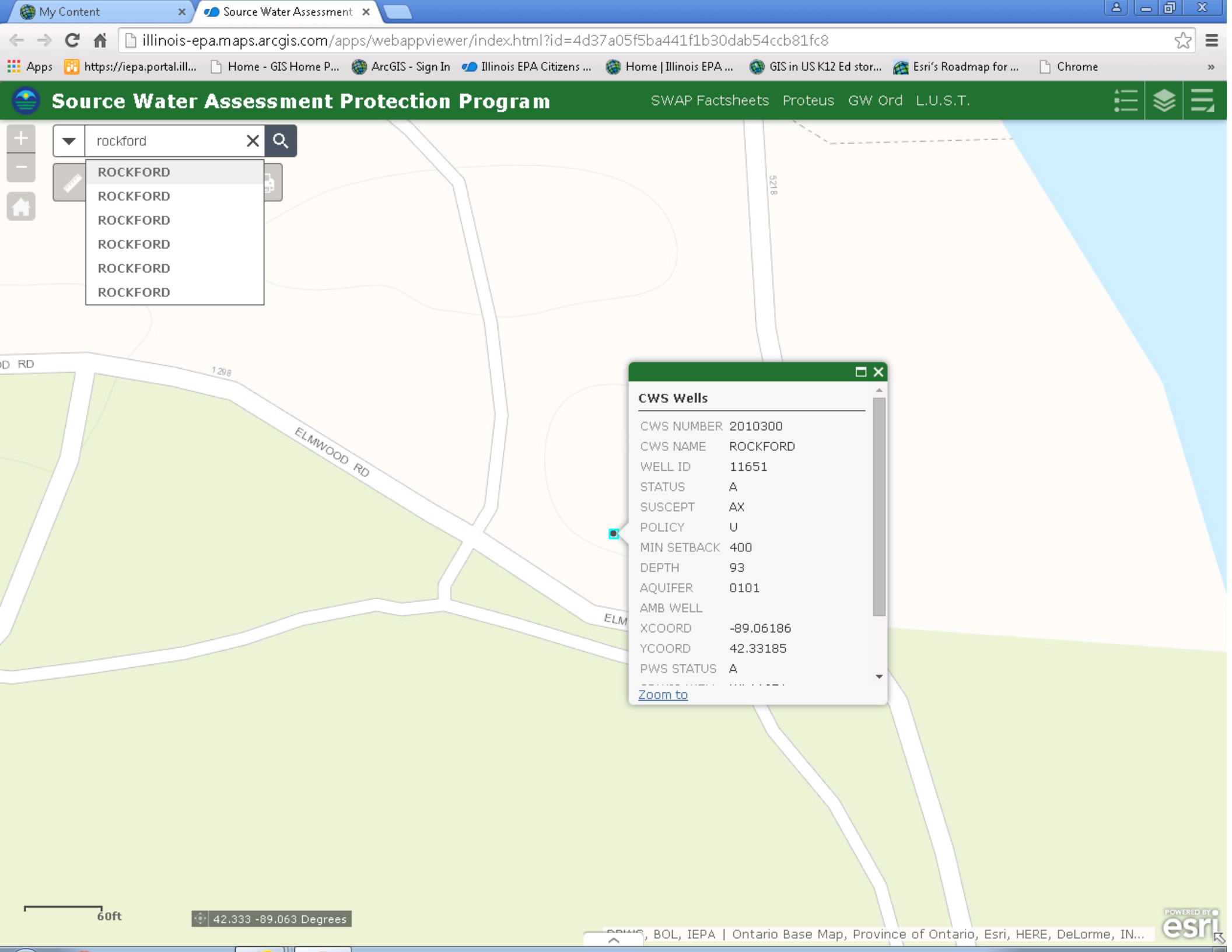


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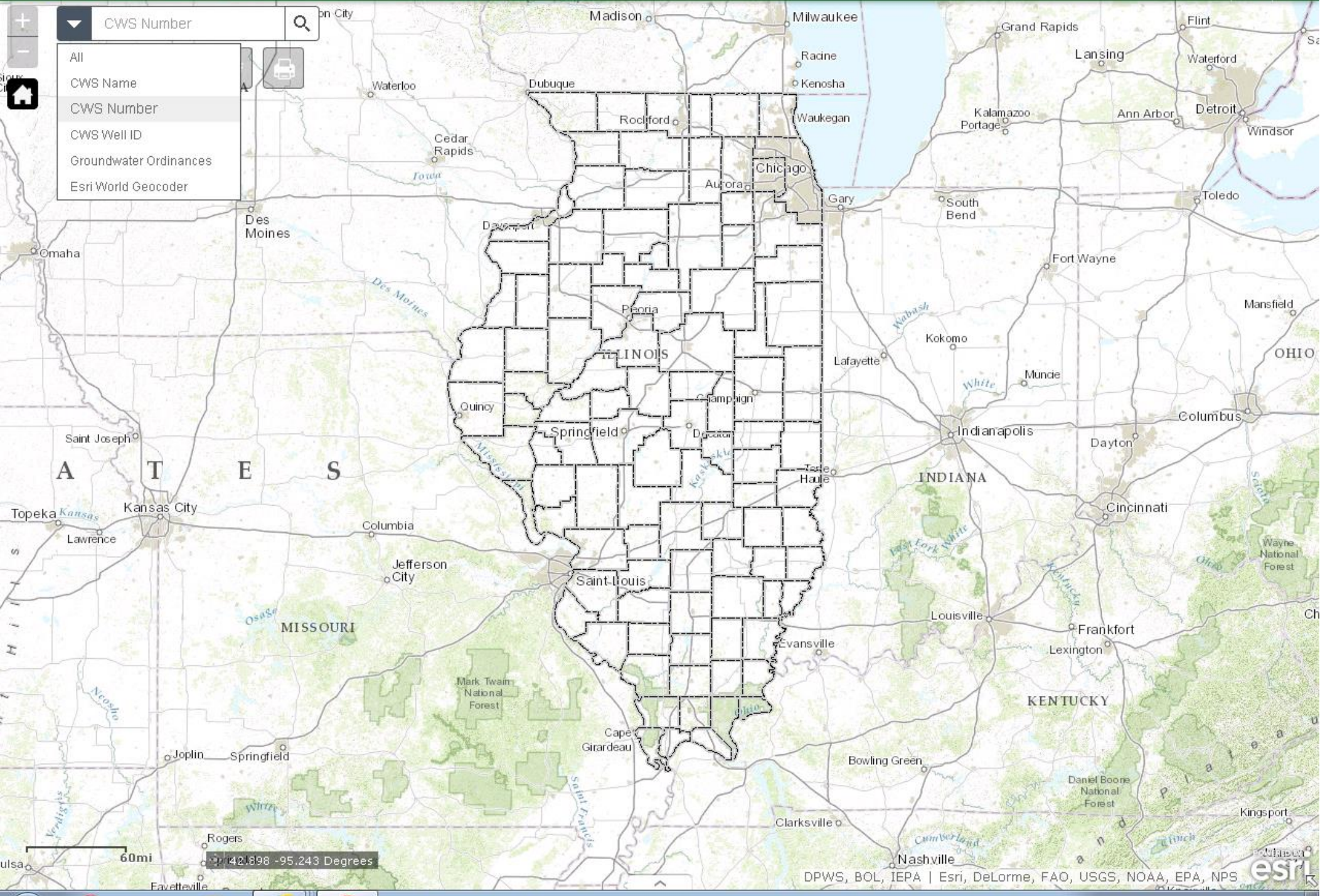
A screenshot of the ArcGIS interface showing a dropdown menu for the 'CWS Name' field. The menu is open, displaying a list of options: 'All', 'CWS Name' (highlighted), 'CWS Number', 'CWS Well ID', 'Groundwater Ordinances', and 'Esri World Geocoder'. The background shows a map with a search bar and a home button.





Source Water Assessment Protection Program

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1190150

BETHALTO

BETHALTO

BETHALTO

BETHALTO

BETHALTO

BETHALTO



CWS Wells

CWS NUMBER 1190150

CWS NAME BETHALTO

WELL ID 60016

STATUS A

SUSCEPT A2

POLICY U

MIN SETBACK 400

DEPTH 95

AQUIFER 0101

AMB WELL

XCOORD -90.08097

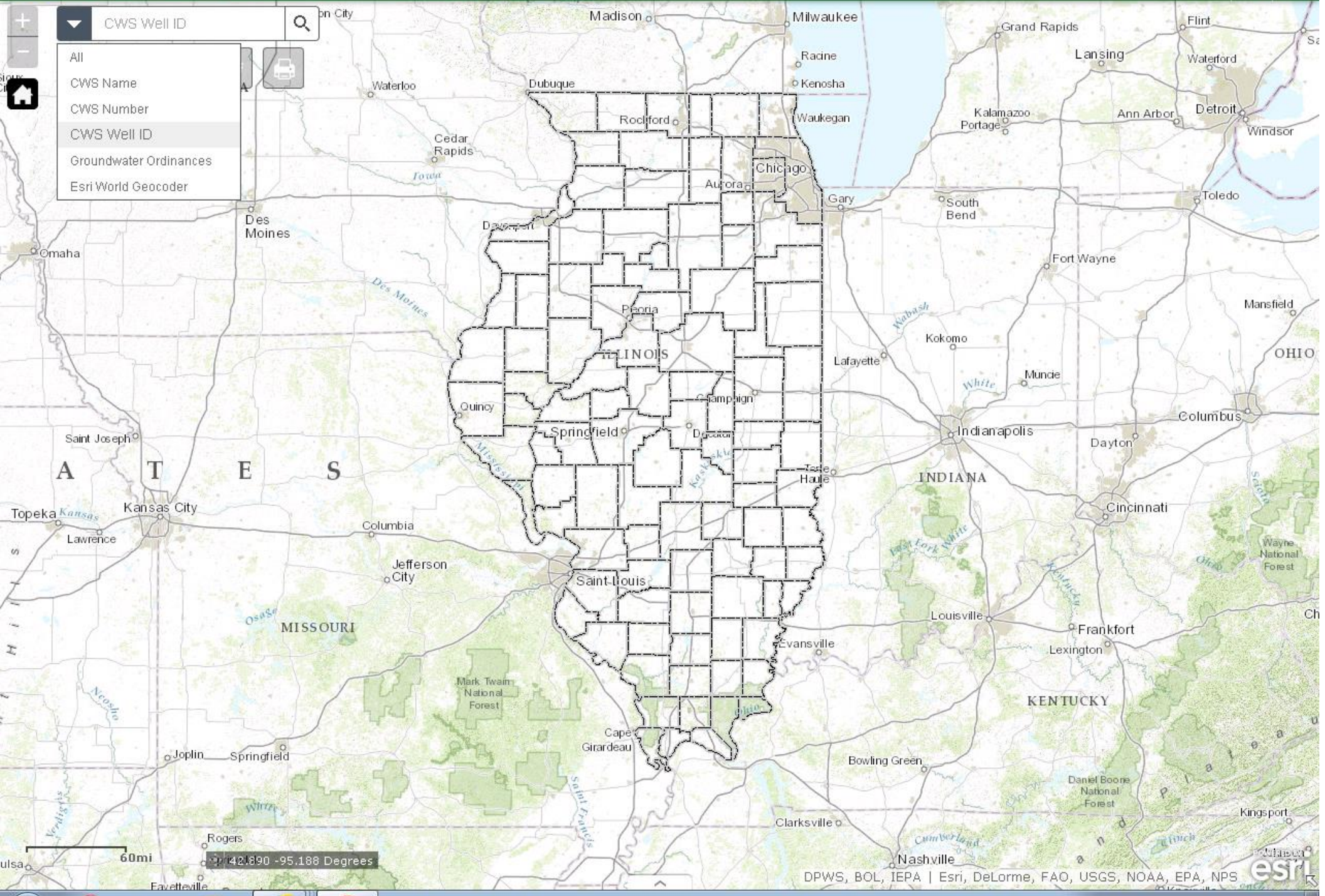
YCOORD 38.86865

PWS STATUS A

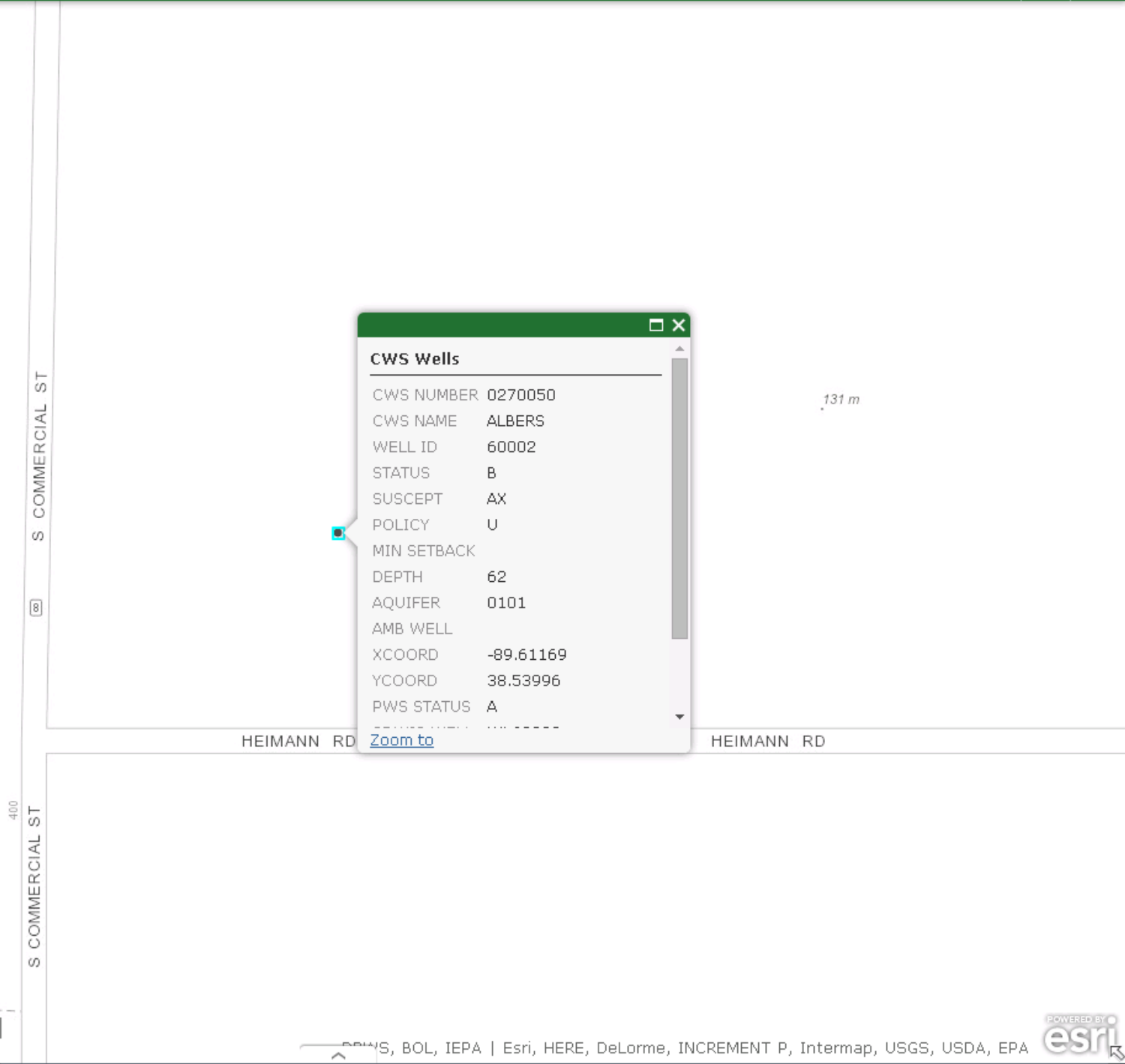
[Zoom to](#)

Source Water Assessment Protection Program

SWAP Factsheets Proteus GW Ord L.U.S.T.

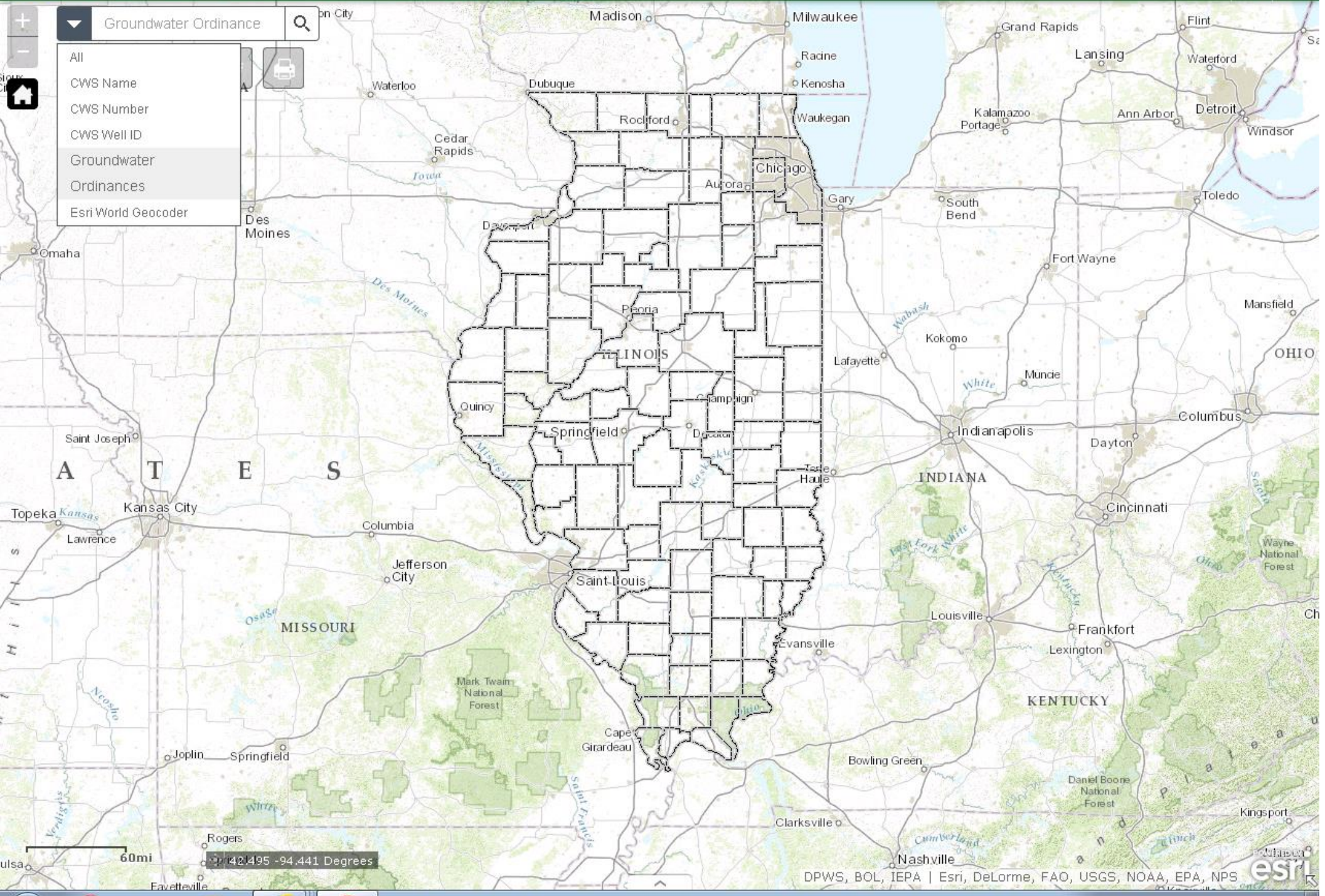


Map navigation controls including zoom in (+), zoom out (-), home, and search. The search bar contains the text "60002".

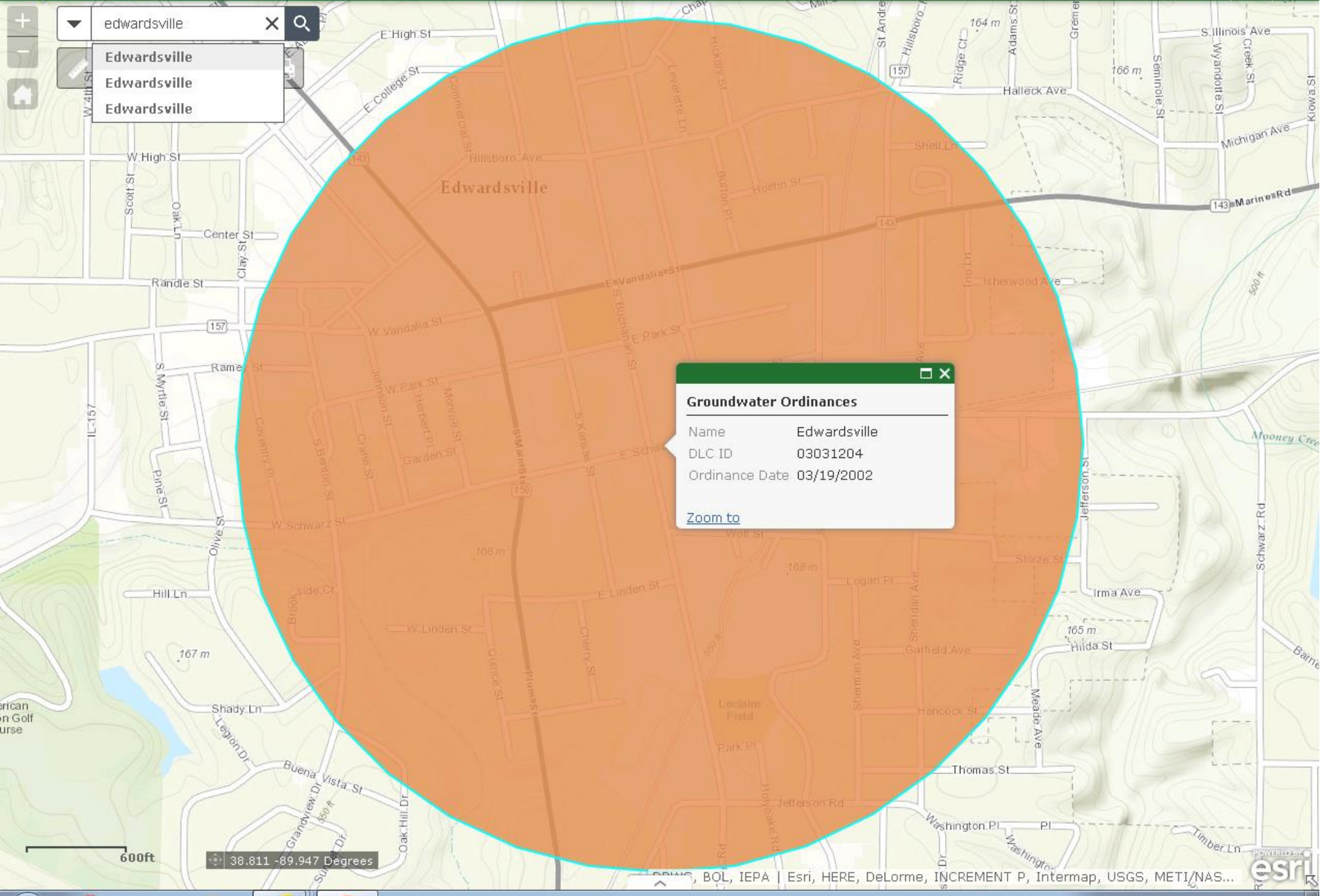


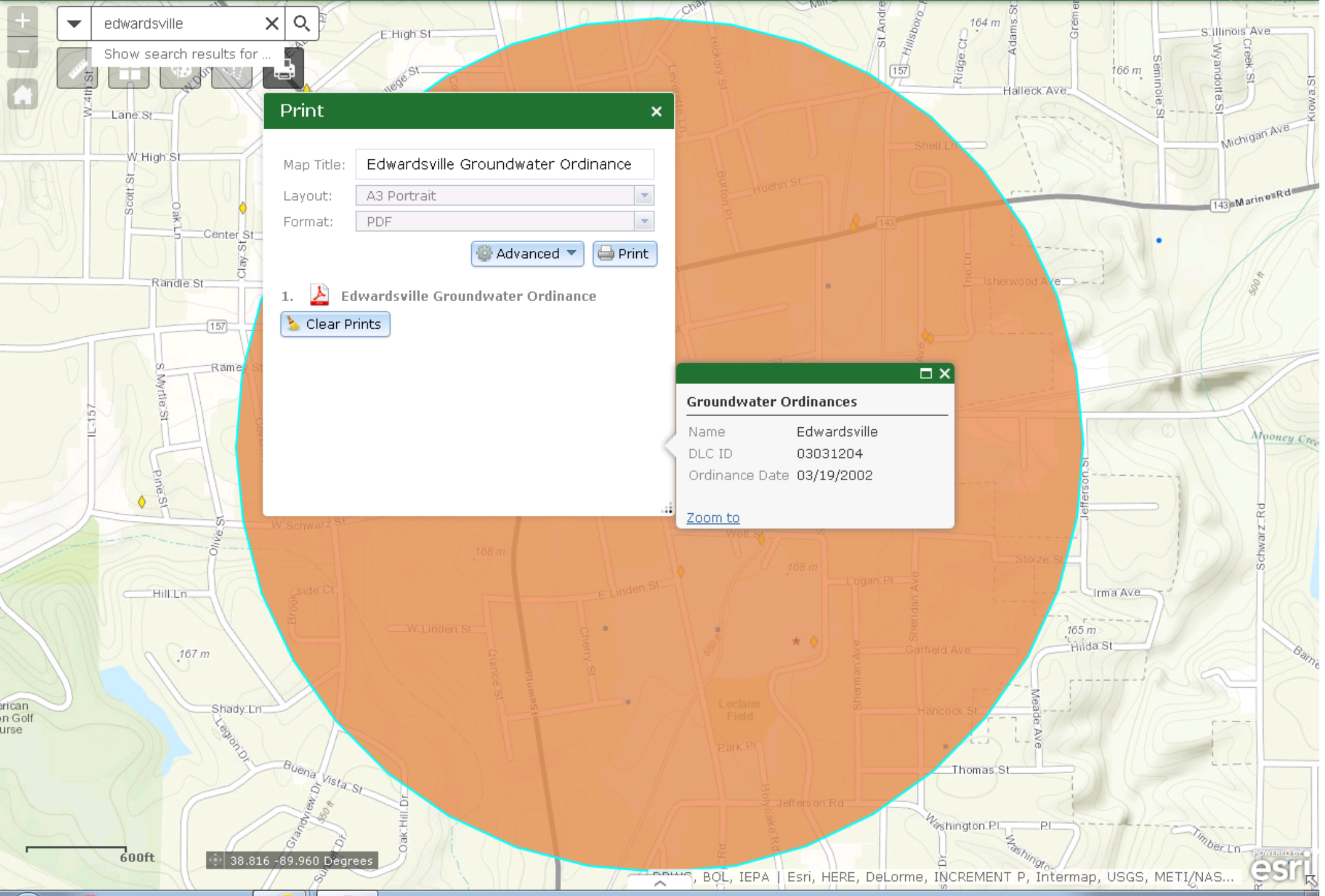
Source Water Assessment Protection Program

SWAP Factsheets Proteus GW Ord L.U.S.T.



Source Water Assessment Protection Program SWAP Factsheets Proteus GW Ord L.U.S.T.





Print

Map Title: Edwardsville Groundwater Ordinance

Layout: A3 Portrait

Format: PDF

Advanced Print

1. Edwardsville Groundwater Ordinance

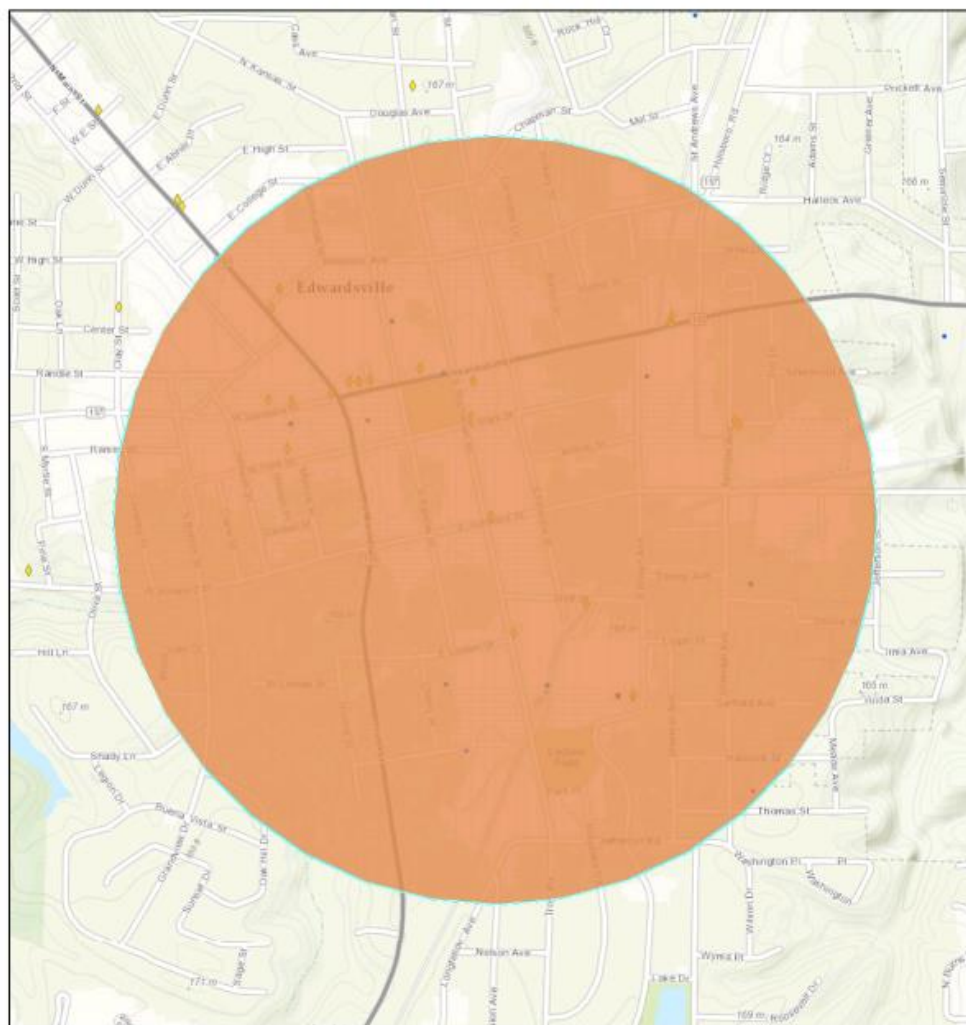
Clear Prints

Groundwater Ordinances

Name	Edwardsville
DLC ID	03031204
Ordinance Date	03/19/2002

[Zoom to](#)

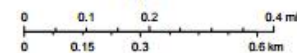
Edwardsville Groundwater Ordinance



November 23, 2015

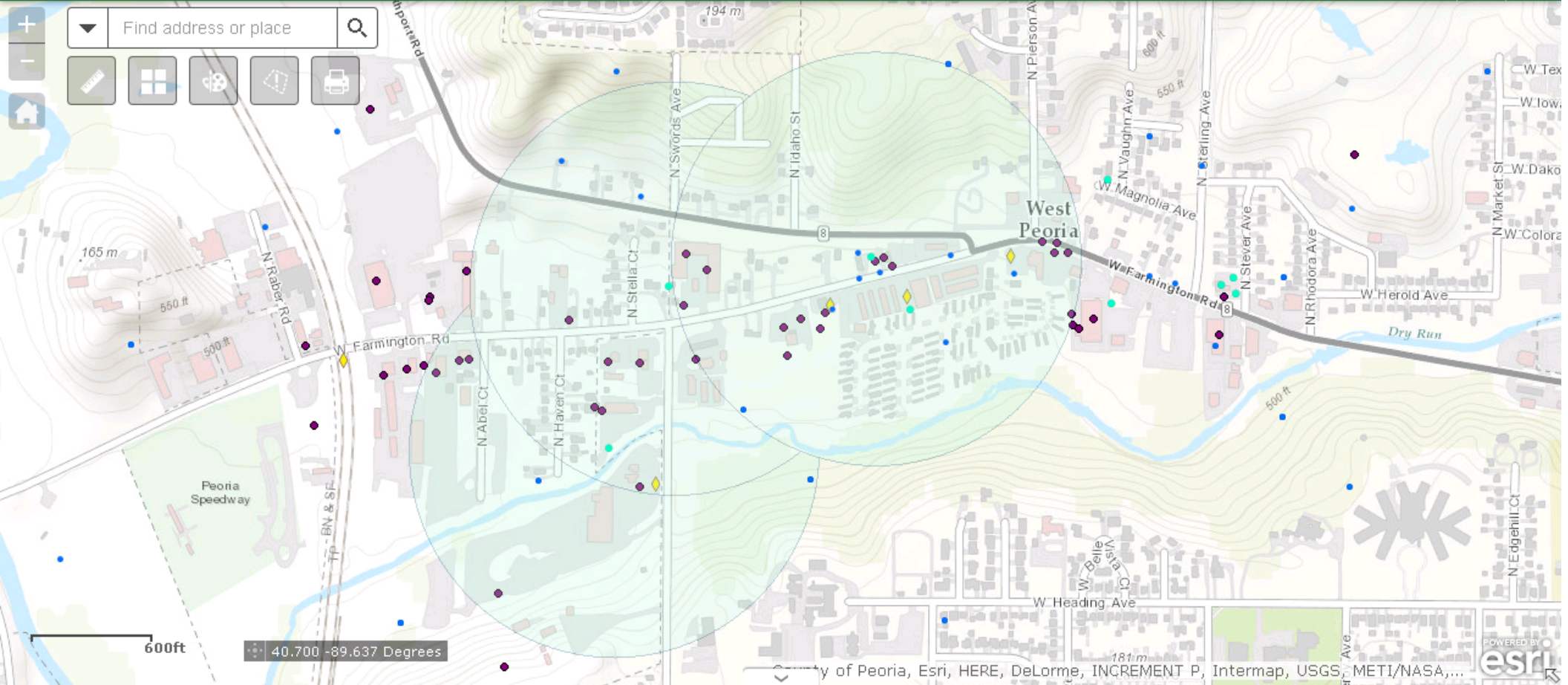
- ISGS Database Wells
- Leaking UST
- Voluntary Site Remediation
- Counties

1:9,028



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

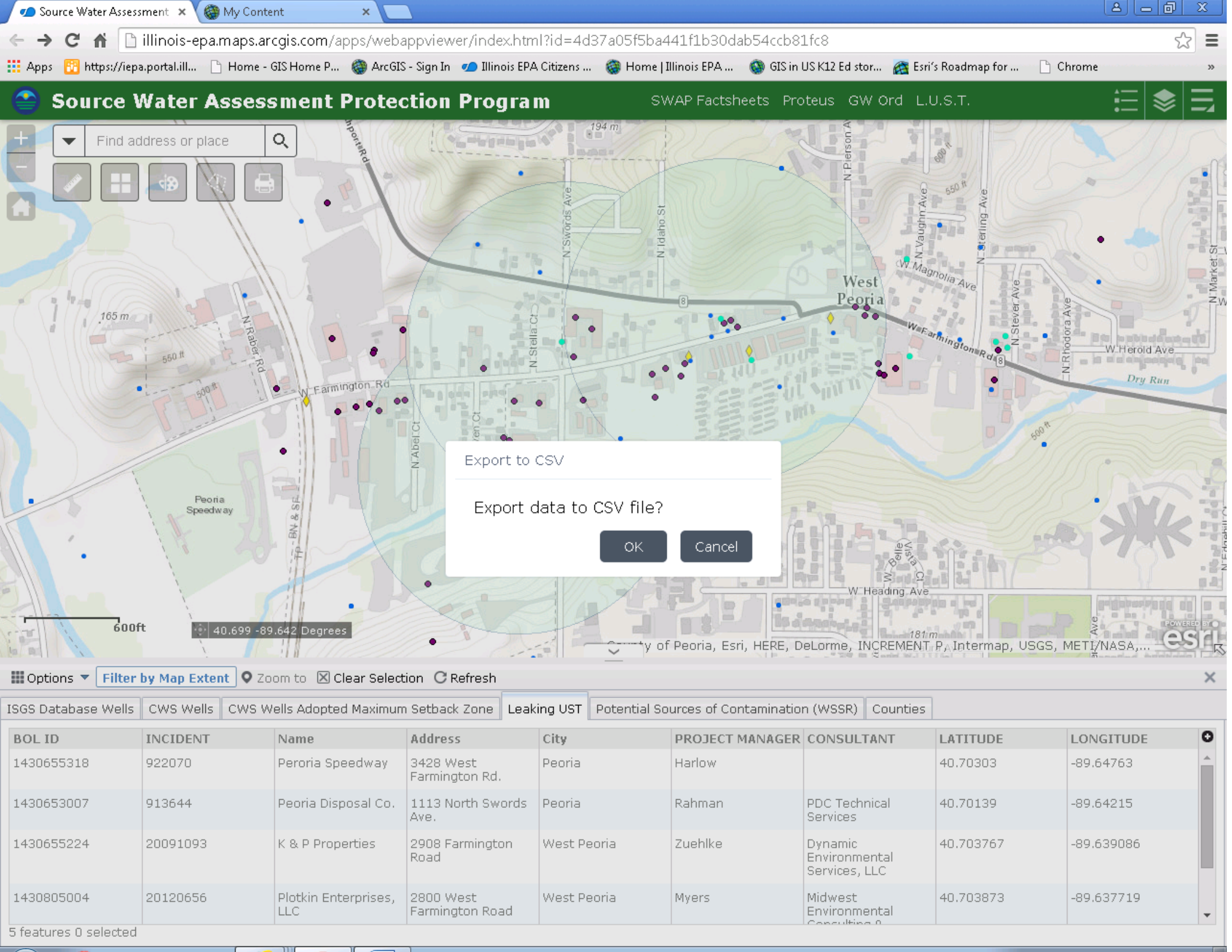
Source Water Assessment Protection Program SWAP Factsheets Proteus GW Ord L.U.S.T.



Options Filter by Map Extent Zoom to Clear Selection Refresh

ISGS Database Wells CWS Wells CWS Wells Adopted Maximum Setback Zone Leaking UST Potential Sources of Contamination (WSSR) Counties

CWS NUMBER	CWS NAME	WELL ID	STATUS	SUSCEPT	POLICY	MIN SETBACK	DEPTH	AQUIFER	AMB WELL	XCOORD	YCOORD	PWS
1435470	PLEASANT VALLEY PWD	50172	A	AX	U	400	106	0101	0	-89.64297	40.70187	A
1435470	PLEASANT VALLEY PWD	50173	A	AX	U	400	128	0101	0	-89.64191	40.70402	A
1435470	PLEASANT VALLEY PWD	00310	A	AX	U	400	135	0101	1	-89.63836	40.70442	A
1435600	STEVE DSTRCT IMPRV	50165	B	AX	U	0	95	0101	0	-89.63197	40.70413	I



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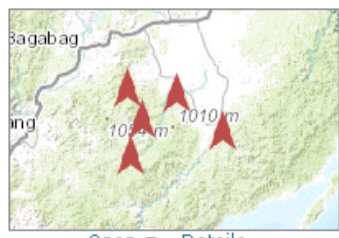
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Quirino Community-Based Forestry Program: A Debt-For-Nature Swap Initiative

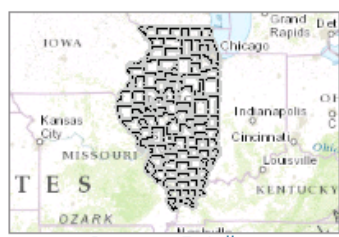
The project Quirino Community-Based Forestry Program: A Debt-For-Nature Swap Initiative was conceived to plan and implement measures for the protection of the environment and sustainable use of natural resource-base with emphasis on biodiversity conservation.

Web Map by oriental.mapper

Last Modified: November 23, 2015

★★★★★ (0 ratings, 0 comments, 3 views)

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Source Water Assessment Protection Program (11/20/15)

Update of SWAP

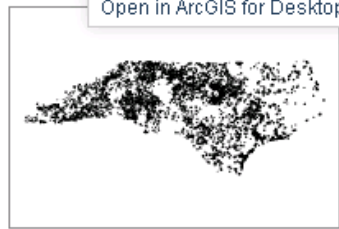
Web Map by epa2444

Last Modified: November 23, 2015

★★★★★ (0 ratings, 0 comments, 153 views)

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- Open in ArcGIS for Desktop



Poly_SR

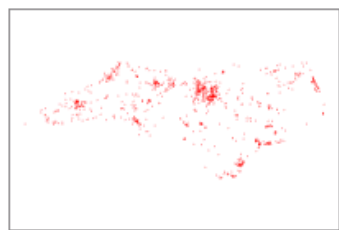
Ground Water Assessment polygons used in the 2014 SWAP reports

Feature Layer by swmcguire

Last Modified: April 7, 2015

★★★★★ (0 ratings, 0 comments, 91 views)

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UIC

UIC Permits used in the 2014 SWAP Reports

Feature Layer by swmcguire

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★★★★★ (0 ratings, 0 comments, 205 views)

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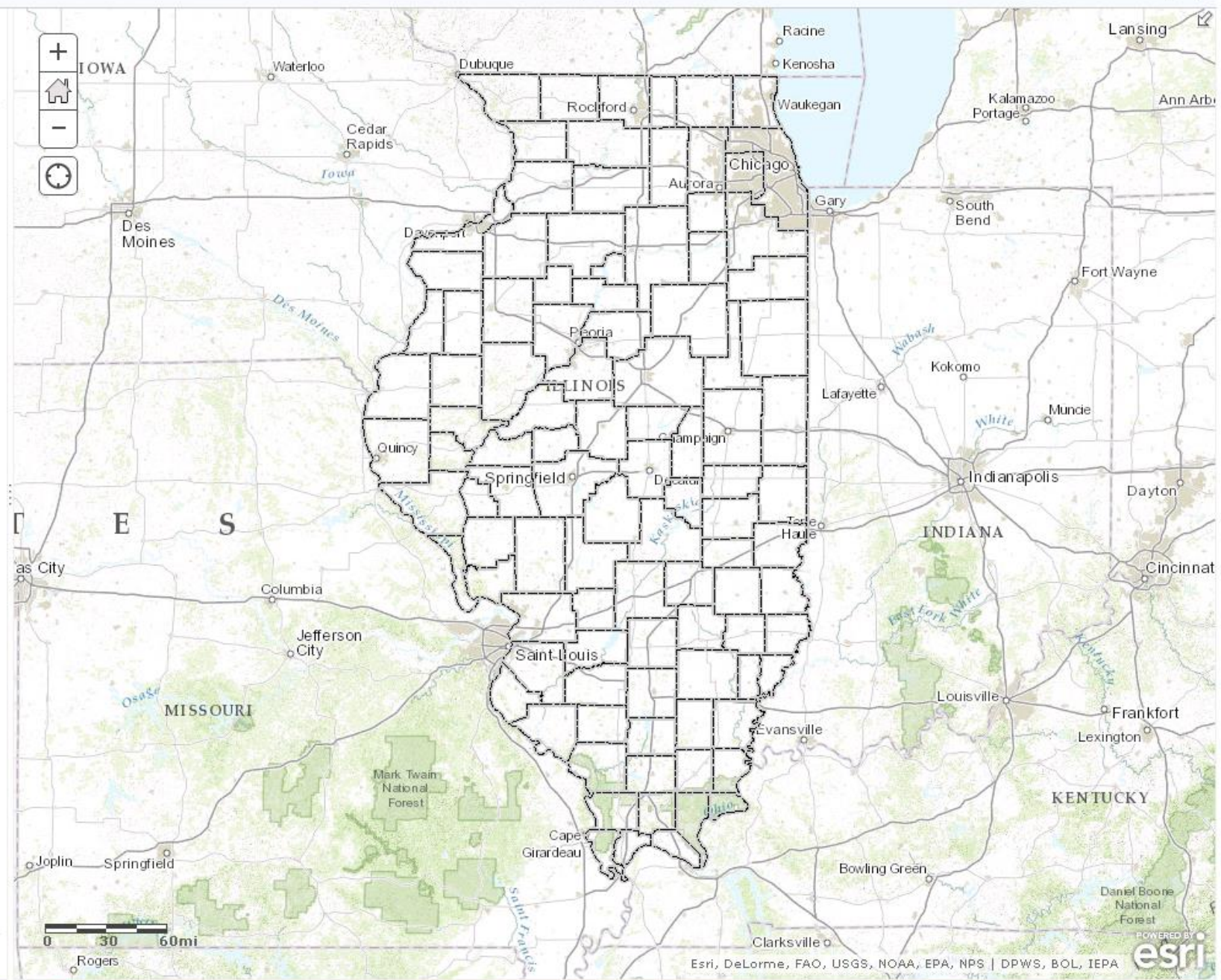
Contents

☐ CWS Wells with Well ID Labels

☒ Source Water Assessment Protection Data

☐ NAPP Imagery 2005

☒ Topographic



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☐ ISGS Database Wells

☒ CWS Wells

☐ CWS Wells Minimum Setback Zone

☐ CWS Wells Adopted Maximum Setback Zone

☐ CWS Wells Phase I WHPA

☐ CWS Wells Phase II WHPA

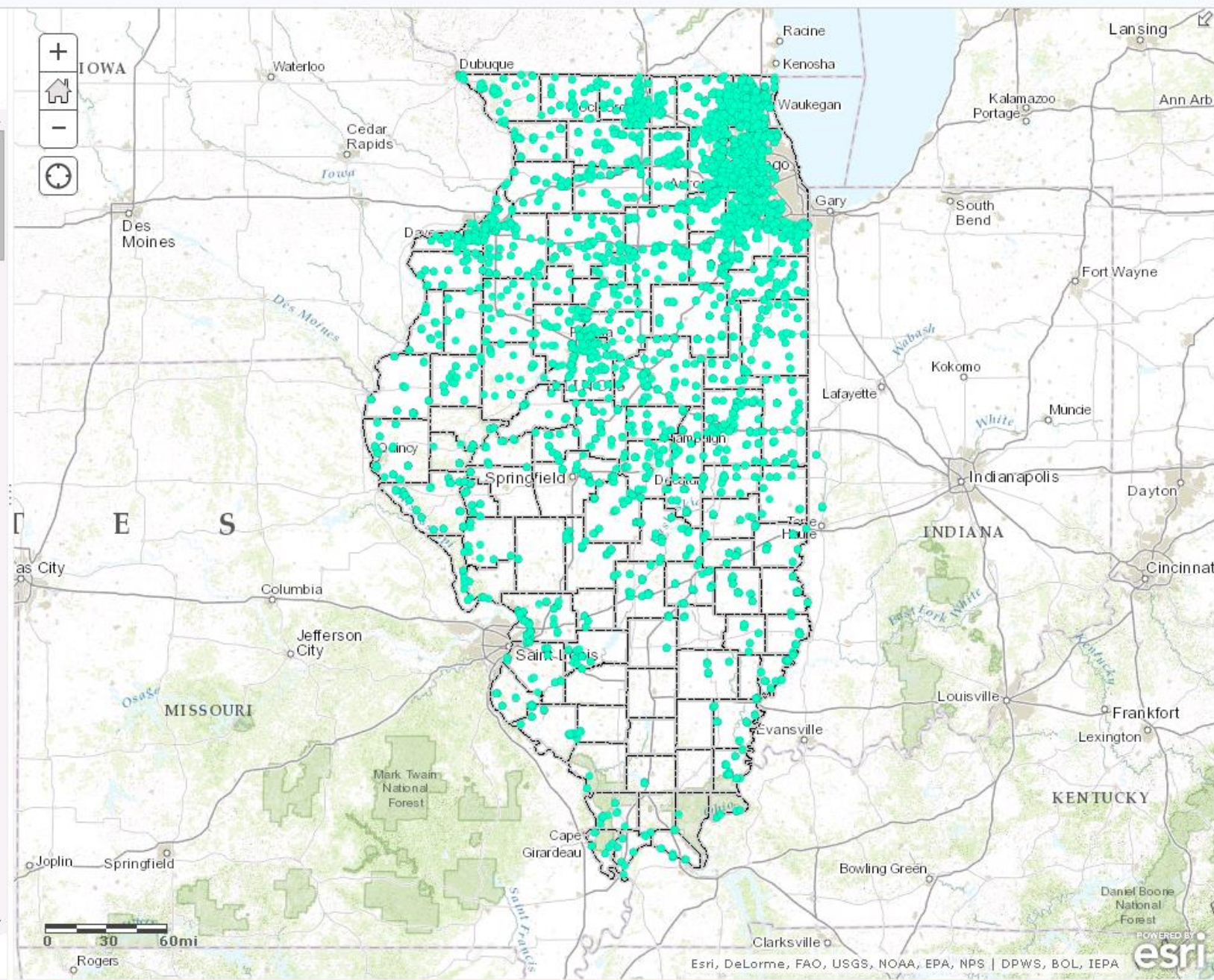
☐ CWS Surface Water Intakes

☐ Non-CWS Surface Water Intakes

☐ Non-CWS Wells

☐ Non-CWS Wells Minimum Setback Zone

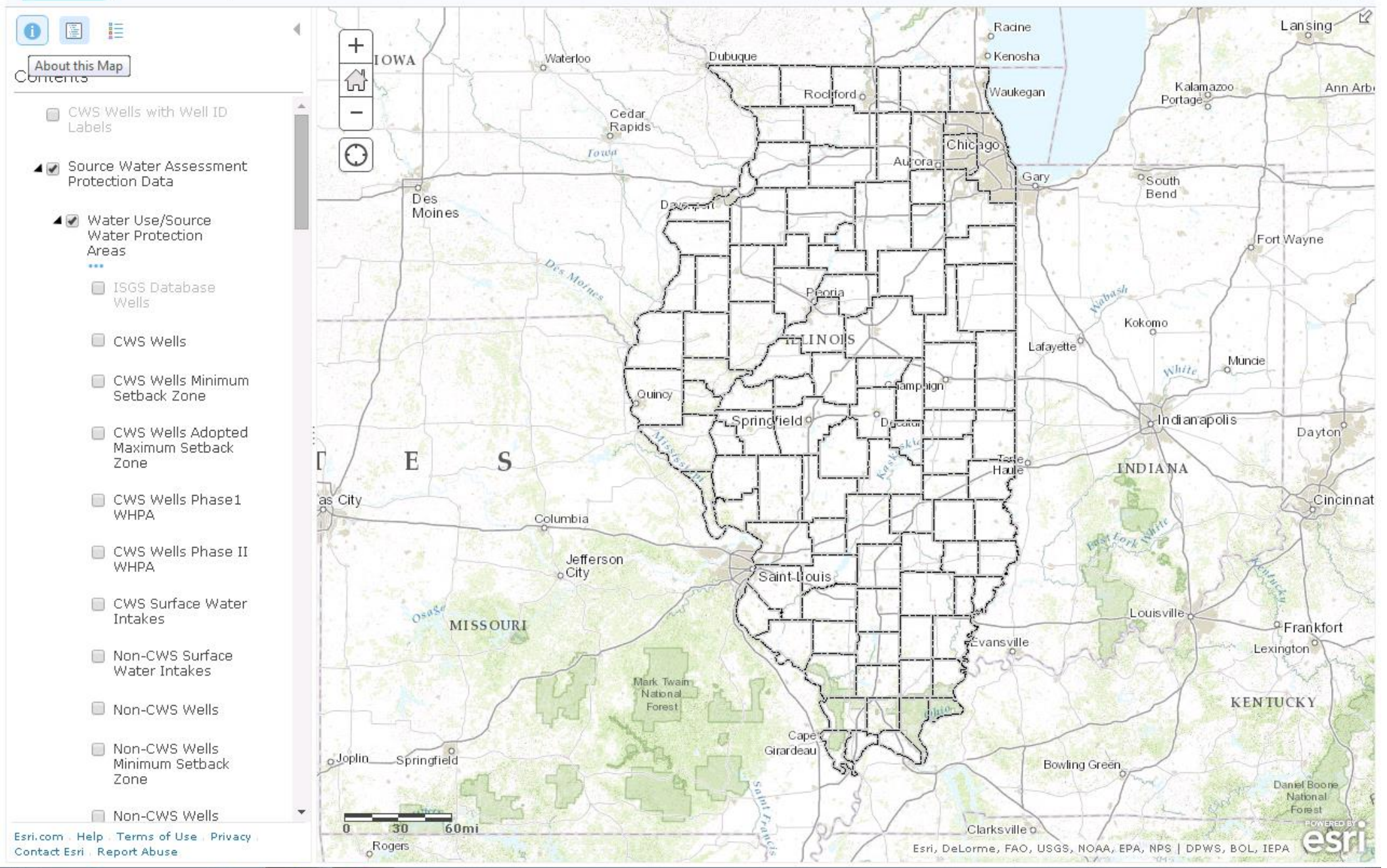
☐ Non-CWS Wells



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http://services.arcgisonline.com/ArcGIS/rest/services/World_Topo_Map/MapServer

SWAP/PWS_SWAPData_110515 (MapServer)

View In: [ArcGIS JavaScript](#) [ArcGIS.com Map](#) [Google Earth](#) [ArcMap](#) [ArcGIS Explorer](#)

View Footprint In: [ArcGIS.com Map](#)

Service Description: SWAP upgrade from ArcIMS to Portal for ArcGIS Server 10.3 and web AppBuilder Developer Edition.

Map Name: Layers

[Legend](#)

[All Layers and Tables](#)

Layers:

- [Water Use/Source Water Protection Areas](#) (0)
 - [ISGS Database Wells](#) (1)
 - [CWS Wells](#) (2)
 - [CWS Wells Minimum Setback Zone](#) (3)
 - [CWS Wells Adopted Maximum Setback Zone](#) (4)
 - [CWS Wells Phase1 WHPA](#) (5)
 - [CWS Wells Phase II WHPA](#) (6)
 - [CWS Surface Water Intakes](#) (7)
 - [Non-CWS Surface Water Intakes](#) (8)
 - [Non-CWS Wells](#) (9)
 - [Non-CWS Wells Minimum Setback Zone](#) (10)
 - [Non-CWS Wells Phase I WHPA](#) (11)
 - [CWS Lakes](#) (12)
 - [CWS Lakes Watersheds](#) (13)
 - [CWS River Intake Zone 1 Protection Area](#) (14)
 - [Right-to-Know for Private Water Wells in proximity to a Public Water Supply](#) (15)
 - [Right-to-Know Notices for Public Water Supply Wells](#) (16)



Illinois' Source Water Assessment and Protection Program

Home / Topics / Water Quality / Groundwater Quality Protection / Source Water Quality Program

The Illinois EPA is implementing a source water assessment program (SWAP) to assist with wellhead and watershed protection of public drinking water supplies. The 1996 amendments to the federal Safe Drinking Water Act established several programs that will help water suppliers continue to provide safe, adequate and affordable water to their customers. As required by these amendments, the Illinois EPA, in cooperation with water utilities and other stakeholders, has developed and the United States Environmental Protection Agency has approved, Illinois' SWAP. The purpose of SWAP is to:

- Identify areas that supply drinking water to the public
- Inventory potential sources of contamination
- Determine the susceptibility of the source water to contamination
- Inform the public of the assessment results

More than 11 million people in Illinois rely on public water supplies for drinking water. Assessments will be conducted for all public water supplies in Illinois, including approximately 1,800 community water supplies. In addition, more than 4,100 non-community water supplies will be assessed. Illinois SWAP activities will be divided into the following areas:

1. community surface water supplies;
2. non-community surface water supplies;
3. Great Lakes (Lake Michigan);
4. Community groundwater supplies;
5. non-community groundwater supplies; and
6. mixed ground and surface water community

The Source Water Assessment Program, being implemented by Illinois EPA, will help communities make important decisions about how to protect their drinking water. By working to ensure safe drinking water supplies, the health and economy of the community, as well as the preservation of natural resources, will be greatly improved. In addition,

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